#### **IDR8/Highbeam Installation Manual**

<u>Audi</u>

**Bentley** 

BMW

Chevrolet

Chrysler

Citroen

**Fiat** 

**Ford** 

**Honda** 

Hyundai

<u>lveco</u>

Jaguar

Land Rover

<u>Mazda</u>

**Mercedes** 

**Mitsubishi** 

Nissan

**Peugeot** 

Renault

Seat

Skoda

**Toyota** 

Vauxhall / Opel

Volkswagen

Volvo

#### **Audi Vehicle List**

A3 2003 - 2012

A3 2013 >

A4 2007 - 2014

<u>A4 2015 ></u>

A6 2004 - 2010

A6 2011 >

<u>A8 2010 ></u>

Q3 2011 >

Q7 2006 - 2014

Q7 2015 >

TT 2006 - 2014

TT 2014 >

### **Bentley Vehicle List**

Bentayga 2016 >

#### **BMW Vehicle List**

- 1 Series (E) 2004 2010
- 1 Series (F) 2011 >
- 2 Series (F) 2014 >
- 3 Series (E) 2005 2012
- 3 Series (F) 2012 >
- 4 Series (F) 2013 >
- 5 Series (E) 2003 2010
- 5 Series (F) 2010 >
- 6 Series (F) 2011 >
- 7 Series (F) 2009 >
- <u>i3 (F) 2013 ></u>
- X1 (F) 2015 >
- X3 (F) 2011 >
- X4 (F) 2014 >
- X5 (F) 2013 >
- X6 (F) 2014 >
- Min One / Cooper 2007 2014
- Mini One / Cooper 2015 >

#### **Chevrolet Vehicle List**

Captiva 2011 >

### **Chrysler Vehicle List**

Cherokee 2013 >
Grand Cherokee 2010 >
Renegade 2014 >

#### **Citroen Vehicle List**

Berlingo 2008 - 2015 C-Crosser 2007 - 2012 Relay 2007 - 2014 Relay 2014 >

#### Fiat Vehicle List

<u>Ducato 2007 - 2014</u> <u>Ducato 2014 ></u>

#### **Ford Vehicle List**

C-Max 2011 - 2015

Fiesta 2013 >

Focus 2005 - 2011

Focus 2011 - 2015

Fusion 2013 >

Kuga 2013 >

Mondeo 2010 - 2015

Mondeo 2015 >

Ranger 2012 >

S-Max 2011 - 2015

S-Max 2015 >

Transit 2006 - 2012

<u>Transit 2015 ></u>

Transit Custom 2006 - 2012

Transit Custom 2015 >

Transit Connect 2014 >

#### **Honda Vehicle List**

Accord 2009 > Civic 2006 - 2012 CRV 2012 >

#### Hyundai Vehicle List

<u>i20 2015 ></u> <u>i30 2011 ></u>

i40 2011 >

#### Iveco Vehicle List

Daily 2007 - 2014 Daily 2014 >

### Jaguar Vehicle List

XF 2007 - 2015 XF 2015 >

#### **Land Rover Vehicle List**

Discovery 4 2010 >

Freelander II 2010 - 2013

Freelander II 2013 >

Range Rover 2013 >

Range Rover Evoque 2013 >

Range Rover Sport 2010 - 2013

Range Rover Sport 2013 >

#### **Mazda Vehicle List**

3 2014 > CX-5 2013 >

#### **Mercedes Vehicle List**

B Class 2005 - 2011

B Class 2011 >

C Class W204 2007 - 2014

<u>C Class W205 2014 ></u>

CLS Class 2010 >

E Class W212 2009 >

G Class 2012 >

M Class W164 2005 - 2011

M Class W166 2011 >

V Class W447 2014 >

Sprinter 2007 - 2013

Sprinter 2014 >

#### Mitsubishi Vehicle List

ASX 2010 >
Lancer Evo 10 2007 >
L200 2012 >
L200 2016 >
Outlander 2007 - 2013
Outlander 2013 >
Shogun 2012 >

#### **Nissan Vehicle List**

Cube 2002 - 2008 Cube 2008 > Micra 2003 - 2011 Micra 2011 - 2013

Micra 2013 >

X-Trail 2010 >

### Peugeot Vehicle List

Boxer 2007 - 2014 Boxer 2014 > Partner 2008 - 2015

#### **Renault Vehicle List**

Clio III 2005 - 2014

Clio IV 2012 >

<u>Laguna III 2007 - 2015</u> <u>Megane II 2002 - 2009</u>

Megane III 2008 - 2016

Modus 2004 - 2012

Scenic 2003 - 2009

Scenic 2009 - 2013

<u>Scenic 2013 ></u>

Trafic 2014 >

Zoe 2013 >

#### **Seat Vehicle List**

Altea 2004 - 2015 Leon 2005 - 2011 Leon 2012 > Toledo 2004 - 2009

#### **Skoda Vehicle List**

Octavia II 2004 - 2013 Octavia III 2013 > Superb 2015 > Yeti 2009 >

### **Toyota Vehicle List**

<u>Avensis 2009 - 2015</u>

#### Vauxhall / Opel Vehicle List

Adam 2012 >

Astra H 2004 - 2014

Astra J 2009 - 2015

Corsa D 2006 - 2014

Insignia 2008 >

Meriva B 2010 >

Movano 2003 - 2010

Movano 2010 >

Signum 2003 - 2008

Vectra C 2002 - 2009

<u>Vivaro 2014 ></u>

Zafira B 2005 - 2014

Zafira C 2011 >

#### Volkswagen Vehicle List

Beetle 2011 >

Caddy 2004 >

Crafter 2007 - 2013

<u>Crafter 2014 ></u>

Eos 2006 - 2016

Golf V 2003 - 2009

Golf V Plus 2003 - 2009

Golf VI 2008 - 2013

Golf VII 2013 >

Jetta 2005 - 2011

<u>Jetta 2011 ></u>

Passat B8 2015 >

Polo 2002 - 2008

Polo 2008 >

Scirocco 2008 >

Tiguan 2009 >

Touran 2003 - 2015

<u>Touran 2015 ></u>

Touareg 2007 - 2011

Touareg 2011 >

Transporter (T5) 2003 - 2014

Transporter (T6) 2015 >

#### **Volvo Vehicle List**

V40 2012 > V50 2010 > V60 / S60 2013 > V70 / XC70 2012 >



Audi A3: 2003 - 2012

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	>	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Audi A3: 2013 >

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	>	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Audi A4 2007 - 2014

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Audi A4: 2015 >

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / BLUE** CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Audi A6 2004 - 2010

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Audi A6: 2011 >

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / BLUE** CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Audi A8: 2010 >

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

>	CAN HI Connection : Vehicle CAN HI wire
>	CAN LO Connection : Vehicle CAN LO wire
^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
^	Connect to a good chassis ground point.
>	CAN HI Connection : Vehicle CAN HI wire
>	Main Beam Output: 12v when Main Beam is on
	>

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Audi Q3 2011 >

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

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# Audi Q7 2006 - 2014

# Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

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If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Audi Q7 2015 >

# Vehicle CAN Bus Location

Alt 1 By the A pillar driver side. At the door wiring connector.

Alt 2 Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI: Alt 1 **GREEN** Alt 2 = **ORANGE / GREEN**CAN LO: Alt 1 and 2 = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **IDR8 Wire**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Audi TT: 2006 - 2014

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	>	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Audi TT: 2014 >

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	>	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

### CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Bentley Bentayga 2016 >

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



BMW 1 Series (E) 2004 - 2010

### Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer or at the back of the Audio Unit The CAN bus wiring is a twisted pair of wires coloured as below:

CAN HI = **GREEN / ORANGE** CAN LO = **GREEN** 

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 1 Series (F) 2011 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 2 Series (F) 2014 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



BMW 3 Series (E) 2005 - 2012

### Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer or at the back of the Audio Unit The CAN bus wiring is a twisted pair of wires coloured as below:

CAN HI = **GREEN / ORANGE** CAN LO = **GREEN** 

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 3 Series (F) 2012 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

IDR8	Wire
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#### **Wire Connection Point Or Output Function**

RED	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 4 Series (F) 2013 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top**, **centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



BMW 5 Series (E) 2003 - 2010

### Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer or at the back of the Audio Unit The CAN bus wiring is a twisted pair of wires coloured as below:

CAN HI = **GREEN / ORANGE** CAN LO = **GREEN** 

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 5 Series (F) 2010 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

CAN Wires may also be available beneath the drivers dash along a beam: CAN HI: GREEN/ORANGE CAN LO: GREEN

### CANM8 CANNECT IDR8 Wiring Instructions

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 6 Series (F) 2011 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW 7 Series (F) 2008 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED > 0		Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW i3 (F) 2013 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW X1 (F) 2015 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED > 0		Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW X3 (F) 2011 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW X4 (F) 2014 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW X5 (F) 2013 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = RED CAN LO = BLUE / RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# BMW X6 (F) 2014 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = RED CAN LO = BLUE / RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected.

The interface has an LED status indicator next to the connection plug, which will illuminate

GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the

GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mini One / Cooper 2007 - 2014

### Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer or at the back of the Audio Unit The CAN bus wiring is a twisted pair of wires coloured as below:

CAN HI = GREEN / ORANGE CAN LO = GREEN

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mini One / Cooper 2015 >

### Vehicle CAN Bus Location

The CAN wires are located in the passenger footwell at the FEM Module
The CAN bus wiring is a twisted pair of wires in the **top, centre plug** coloured as below:

CAN HI = BLUE / RED CAN LO = RED

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Chevrolet Captiva 2011 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Chrysler Jeep Cherokee 2013 >

### Vehicle CAN Bus Location

This covers the ALTITUDE, LATITUDE, LIMITED, SPORT and TRAILHAWK Models

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	> Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on		

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Chrysler Grand Cherokee 2010 >

### Vehicle CAN Bus Location

The CAN wires are located at the back of the Radio or behind the drivers kick panel

#### CAN HI = WHITE / ORANGE CAN LO = WHITE / GREY

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Chrysler Jeep Renegade 2014 >

### Vehicle CAN Bus Location

This covers the ALTITUDE, LATITUDE, LIMITED, SPORT and TRAILHAWK Models

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Citroen Berlingo 2008 - 2015

### Vehicle CAN Bus Location

The CAN wires are located at the audio connector quadlock at the back of the radio

CAN HI = PIN 10 CAN LO = PIN 13

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	NOT AVAILABLE
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

### CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Citroen C-Crosser 2007 - 2012

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Citroen Relay 2007 - 2014

### Vehicle CAN Bus Location

The CAN wires are located at the back of the radio in the positions labeled below

CAN HI = CAN B CAN LO = CAN A

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

### CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Citroen Relay 2014 >

### Vehicle CAN Bus Location

The CAN wires are located at the OBD socket. N/B: The OBD Socket for this vehicle is at the SIDE of the fusebox.

> CAN HI = PIN 1 CAN LO = PIN 9

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Fiat Ducato 2007 - 2014

### Vehicle CAN Bus Location

The CAN wires are located at the back of the radio in the positions labeled below

CAN HI = CAN B CAN LO = CAN A

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Fiat Ducato 2014 >

### Vehicle CAN Bus Location

The CAN wires are located at the OBD socket. N/B: The OBD Socket for this vehicle is at the SIDE of the fusebox.

> CAN HI = PIN 1 CAN LO = PIN 9

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford C-Max 2011 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Fiesta 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Focus 2005 - 2011

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Focus 2011 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Fusion 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Kuga 2013 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### **Wire Connection Point Or Output Function**

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	>	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Ford Mondeo 2010 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Mondeo 2015 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on
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## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Ranger 2012 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Ford S-Max 2011 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Ford S-Max 2015 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Ford Transit 2006 - 2012

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	NOT AVAILABLE
YELLOW	^	NOT AVAILABLE
GREY	^	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Ford Transit 2015 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### **Wire Connection Point Or Output Function**

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Ford Transit Custom 2006 - 2012

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	NOT AVAILABLE
YELLOW	^	NOT AVAILABLE
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Ford Transit Custom 2015 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	> Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Ford Transit Connect 2014 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Honda Civic 2006 - 2012

## Vehicle CAN Bus Location

The CAN wiring is located at the white multiplug, attached to the underside of the fuse box behind the lower right drivers side dash area.

CAN HI = Underside Fusebox Connector Pin 1 (PINK)
CAN LO = Connect to 0v

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output : 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Honda CR-V 2012 >

## Vehicle CAN Bus Location

The CAN wiring is located at the white multiplug, attached to the underside of the fuse box behind the lower right drivers side dash area.

CAN HI = Underside Fusebox Connector Pin 1 (PINK)
CAN LO = Underside Fusebox Connector Pin 2 (BLUE)

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Hyundai i20 2011 >

## Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer. The CAN bus wiring is a twisted pair of wires coloured as below:

> CAN HI = PIN 34 (RED) CAN LO = PIN 35 (BLUE)

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	NOT AVAILABLE
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Hyundai i30 2011 >

## Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer. The CAN bus wiring is a twisted pair of wires coloured as below:

> CAN HI = PIN 34 (RED) CAN LO = PIN 35 (BLUE)

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	NOT AVAILABLE
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	NOT AVAILABLE
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Hyundai i40 2011 >

## Vehicle CAN Bus Location

The CAN wires are located at the back of the Speedometer. The CAN bus wiring is a twisted pair of wires coloured as below:

> CAN HI = PIN 34 (RED) CAN LO = PIN 35 (BLUE)

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	NOT AVAILABLE
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	NOT AVAILABLE
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Iveco Daily 2007 - 2014

## Vehicle CAN Bus Location

The CAN wires are located at the back of the radio in the positions labeled below

CAN HI = CAN B CAN LO = CAN A

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	>	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Iveco Daily 2014 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD socket. N/B: The OBD Socket for this vehicle is at the SIDE of the fusebox.

> CAN HI = PIN 1 CAN LO = PIN 9

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Jaguar XF 2007 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### **Wire Connection Point Or Output Function**

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	>	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Jaguar XF 2015 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# LR Discovery 4 2010 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### LR Freelander II 2010 - 2013

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# LR Freelander II 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# LR RR Evoque 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# LR RR Sport 2010 - 2013

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

## **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Land Rover Range Rover 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



LR Range Rover Sport 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mazda 3 2014 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mazda CX-5 2013 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes B Class 2005 - 2011

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

## **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mercedes B Class 2011 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes C Class 204 2007 - 2014

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.	
WHITE	^	CAN HI Connection : Vehicle CAN HI wire	
BLUE	^	CAN LO Connection : Vehicle CAN LO wire	
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).	
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.	
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected	
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected	
PINK	^	Brake Lights Output: 12v when Brake Lights are active	
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on	
GREY	>	Main Beam Output: 12v when Main Beam is on	
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on	

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes C Class W205 2014 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Mercedes CLS Class 2010 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes E Class W212 2009 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mercedes G Class 2012 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

## **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

## Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes M Class W164 2005 - 2011

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes M Class W166 2011 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes V Class W447 2014 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mercedes Sprinter 2007 - 2013

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Mercedes Sprinter 2014 >

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mitsubishi ASX 2010 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mitsubishi Lancer Evo 10 2007 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mitsubishi L200 2012 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	OUTPUT NOT AVAILABLE
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Mitsubishi L200 2016 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Mitsubishi Outlander 2007 - 2013

### Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Mitsubishi Outlander 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Mitsubishi Outlander 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Nissan Cube 2002 - 2008

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

>	CAN HI Connection : Vehicle CAN HI wire
>	CAN LO Connection : Vehicle CAN LO wire
^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
^	Connect to a good chassis ground point.
>	CAN HI Connection : Vehicle CAN HI wire
>	Main Beam Output: 12v when Main Beam is on
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## **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Nissan Cube 2008 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

### CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Nissan Micra 2003 - 2011

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Nissan Micra 2011 - 2013

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Nissan Micra 2013 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Nissan X-Trail 2010 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Peugeot Boxer 2007 - 2014

### Vehicle CAN Bus Location

The CAN wires are located at the back of the radio in the positions labeled below

CAN HI = CAN B CAN LO = CAN A

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Peugeot Boxer 2014 >

### Vehicle CAN Bus Location

The CAN wires are located at the OBD socket.

N/B: The OBD Socket for this vehicle is at the SIDE of the fusebox.

CAN HI = PIN 1 CAN LO = PIN 9

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	>	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

>	CAN HI Connection : Vehicle CAN HI wire
>	CAN LO Connection : Vehicle CAN LO wire
^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
^	Connect to a good chassis ground point.
>	CAN HI Connection : Vehicle CAN HI wire
>	Main Beam Output: 12v when Main Beam is on
	>

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Peugeot Partner 2008 - 2015

### Vehicle CAN Bus Location

The CAN wires are located at the audio connector quadlock at the back of the radio

CAN HI = PIN 10 CAN LO = PIN 13

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	NOT AVAILABLE
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Renault Clio III 2005 - 2014

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Clio IV 2012 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **IDR8 Wire**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Renault Laguna III 2007 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected		
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on		

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Renault Megane II 2002 - 2009

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.				
BLACK	^	Connect to a good chassis ground point.				
WHITE	^	CAN HI Connection : Vehicle CAN HI wire				
BLUE	>	CAN LO Connection : Vehicle CAN LO wire				
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).				
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.				
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected				
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected				
PINK	^	Brake Lights Output: 12v when Brake Lights are active				
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on				
GREY	>	Main Beam Output : 12v when Main Beam is on				
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on				

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Renault Megane III 2008 - 2016

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.				
BLACK	^	Connect to a good chassis ground point.				
WHITE	^	CAN HI Connection : Vehicle CAN HI wire				
BLUE	^	CAN LO Connection : Vehicle CAN LO wire				
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).				
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.				
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected				
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected				
PINK	^	Brake Lights Output: 12v when Brake Lights are active				
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on				
GREY	>	Main Beam Output : 12v when Main Beam is on				
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on				

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Modus 2004 - 2012

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.				
BLACK	^	Connect to a good chassis ground point.				
WHITE	^	CAN HI Connection : Vehicle CAN HI wire				
BLUE	>	CAN LO Connection : Vehicle CAN LO wire				
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).				
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.				
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected				
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected				
PINK	^	Brake Lights Output: 12v when Brake Lights are active				
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on				
GREY	>	Main Beam Output : 12v when Main Beam is on				
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on				

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Scenic 2003 - 2009

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.				
BLACK	^	Connect to a good chassis ground point.				
WHITE	^	CAN HI Connection : Vehicle CAN HI wire				
BLUE	^	CAN LO Connection : Vehicle CAN LO wire				
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).				
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.				
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected				
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected				
PINK	^	Brake Lights Output: 12v when Brake Lights are active				
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on				
GREY	>	Main Beam Output : 12v when Main Beam is on				
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on				

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Scenic 2009 - 2013

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Scenic 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Trafic 2014 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Renault Zoe 2013 >

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Seat Altea (5P) 2004 - 2015

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Seat Leon 2005 - 2011

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

### **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	>	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Seat Leon 2012 >

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



## Seat Toledo 2004 - 2009

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

### **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

## CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Skoda Octavia II 2004 - 2013

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Skoda Octavia III 2013 >

### Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Skoda Superb 2015 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Skoda Yeti (5L) 2009 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Toyota Avensis 2009 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall Adam 2012 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

>	CAN HI Connection : Vehicle CAN HI wire
>	CAN LO Connection : Vehicle CAN LO wire
^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
^	Connect to a good chassis ground point.
>	CAN HI Connection : Vehicle CAN HI wire
>	Main Beam Output: 12v when Main Beam is on
	>

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall Astra H 2004 - 2014

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall Astra J 2009 - 2015

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

>	CAN HI Connection : Vehicle CAN HI wire
>	CAN LO Connection : Vehicle CAN LO wire
^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
^	Connect to a good chassis ground point.
>	CAN HI Connection : Vehicle CAN HI wire
>	Main Beam Output: 12v when Main Beam is on
	>

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall Corsa D 2006 - 2014

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall Insignia 2008 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall Meriva B 2010 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Vauxhall / Opel Movano 2003 - 2010

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Vauxhall / Opel Movano 2010 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Vauxhall / Opel Signum 2003 - 2008

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Vauxhall / Opel Vectra C 2002 - 2009

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### Vauxhall / Opel Vivaro 2014 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 6 CAN LO = PIN 14

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Vauxhall / Opel Zafira B 2005 - 2014

## Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.	
WHITE	^	CAN HI Connection : Vehicle CAN HI wire	
BLUE	^	CAN LO Connection : Vehicle CAN LO wire	
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).	
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.	
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected	
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected	
PINK	^	Brake Lights Output: 12v when Brake Lights are active	
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on	
GREY	>	Main Beam Output: 12v when Main Beam is on	
BLUE (Untwisted)	>	Sidelights Output: 12v when Sidelights are on	

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Vauxhall / Opel Zafira C 2011 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 1 CAN LO = PIN 4

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.	
WHITE	^	CAN HI Connection : Vehicle CAN HI wire	
BLUE	>	CAN LO Connection : Vehicle CAN LO wire	
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).	
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.	
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected	
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected	
PINK	^	Brake Lights Output: 12v when Brake Lights are active	
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on	
GREY	>	Main Beam Output : 12v when Main Beam is on	
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on	

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Beetle 2011 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.	
WHITE	WHITE > CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire	
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).	
PURPLE	^	Ignition On Output: 12v when ignition is switched on.	
ORANGE	^	Left Indicator Output: 12v when left indicator is selected	
BROWN	^	> Right Indicator Output: 12v when right indicator is selected	
PINK	^	Brake Lights Output: 12v when Brake Lights are active	
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on	
GREY	^	Main Beam Output: 12v when Main Beam is on	
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on	

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### **Wire Connection Point Or Output Function**

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Caddy (2K) 2004 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	> Connect via a 5 Amp fuse to a permanent 12V supply.	
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



Volkswagen Crafter 2007 - 2013

## Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Volkswagen Crafter 2014 >

# Vehicle CAN Bus Location

The CAN wires are located at the Ignition Barrel

CAN HI = BROWN / RED CAN LO = BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Eos 2006 - 2016

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Golf V 2003 - 2009

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	> Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when left indicator is selected		
BROWN	^	Right Indicator Output: 12v when right indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on		

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



VW Golf V Plus 2003 - 2009

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Golf VI 2008 - 2013

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

### Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Golf VII 2013 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Jetta 2005 - 2011

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Jetta 2011 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	>	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
BLUE (Untwisted)	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Passat B8 2015 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Polo 2002 - 2008

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Polo 2002 - 2008

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Scirocco 2008 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	> Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when left indicator is selected		
BROWN	^	Right Indicator Output: 12v when right indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on		

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Tiguan 2009 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Touran 2003 - 2015

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	^	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when left indicator is selected
BROWN	^	Right Indicator Output: 12v when right indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Touran 2015 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	> Connect via a 5 Amp fuse to a permanent 12V supply.		
BLACK	^	Connect to a good chassis ground point.		
WHITE	^	CAN HI Connection : Vehicle CAN HI wire		
BLUE	^	CAN LO Connection : Vehicle CAN LO wire		
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).		
PURPLE	^	Ignition On Output: 12v when ignition is switched on.		
ORANGE	^	Left Indicator Output: 12v when left indicator is selected		
BROWN	^	Right Indicator Output: 12v when right indicator is selected		
PINK	^	Brake Lights Output: 12v when Brake Lights are active		
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on		
GREY	>	Main Beam Output : 12v when Main Beam is on		
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when sidelights are on		

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Touareg 2007 - 2011

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# VW Touareg 2011 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



VW Transporter (T5) 2003 - 2014

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = **ORANGE / GREEN**CAN LO = **ORANGE / BROWN** 

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM Wire**

### **Wire Connection Point Or Output Function**

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



### VW Transporter (T6) 2015 >

## Vehicle CAN Bus Location

Remove the lower steering column cover to expose the loom to the wiper / indicator controls.

The CAN bus wiring is a twisted pair of wires, coloured as below:

CAN HI = ORANGE / GREEN CAN LO = ORANGE / BROWN

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Volvo V40 2012 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	>	Ignition On Output: 12v when Ignition is switched on.
ORANGE	>	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	>	Brake Lights Output: 12v when Brake Lights are active
YELLOW	>	NOT AVAILABLE
GREY	>	NOT AVAILABLE
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLACK	^	Connect to a good chassis ground point.
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Volvo V50 2010 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	NOT AVAILABLE
GREY	^	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output: 12v when Main Beam is on

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Volvo V60 / S60 2013 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

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#### **Wire Connection Point Or Output Function**

RED	^	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	^	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output: 12v pulsing 4Hz = 1MPH (approx).
PURPLE	^	Ignition On Output: 12v when Ignition is switched on.
ORANGE	^	Left Indicator Output: 12v when Left Indicator is selected
BROWN	^	Right Indicator Output: 12v when Right Indicator is selected
PINK	^	Brake Lights Output: 12v when Brake Lights are active
YELLOW	^	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output : 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	^	Sidelights Output: 12v when Sidelights are on

# CANM8 CANNECT HIGHBEAM Wiring Instructions

### **HIGHBEAM** Wire

### Wire Connection Point Or Output Function

PURPLE	>	Main Beam Output : 12v when Main Beam is on
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLACK	>	Connect to a good chassis ground point.
RED	>	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
WHITE	>	CAN HI Connection : Vehicle CAN HI wire

# Testing The Installation

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.



# Volvo V70 / XC70 2012 >

# Vehicle CAN Bus Location

The CAN wires are located at the OBD Socket beneath the drivers dash

CAN HI = PIN 3 CAN LO = PIN 11

# **CANM8 CANNECT IDR8 Wiring Instructions**

#### **IDR8 Wire**

#### **Wire Connection Point Or Output Function**

RED	>	Connect via a 5 Amp fuse to a permanent 12V supply.
BLACK	>	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	>	CAN LO Connection : Vehicle CAN LO wire
GREEN	>	Speed Signal Output : 12v pulsing 4Hz = 1MPH (approx).
PURPLE	>	Ignition On Output: 12v when Ignition is switched on.
ORANGE	>	Left Indicator Output: 12v when Left Indicator is selected
BROWN	>	Right Indicator Output: 12v when Right Indicator is selected
PINK	>	Brake Lights Output: 12v when Brake Lights are active
YELLOW	>	Dipped Beam Output: 12v when Dipped Beam is on
GREY	>	Main Beam Output: 12v when Main Beam is on
<b>BLUE (Untwisted)</b>	>	Sidelights Output: 12v when Sidelights are on

# **CANM8 CANNECT HIGHBEAM Wiring Instructions**

### **HIGHBEAM Wire**

### **Wire Connection Point Or Output Function**

WHITE	>	CAN HI Connection : Vehicle CAN HI wire
BLUE	^	CAN LO Connection : Vehicle CAN LO wire
RED	^	Connect via a 5 Amp fuse to a <b>SWITCHED</b> 12V supply.
BLACK	^	Connect to a good chassis ground point.
WHITE	>	CAN HI Connection : Vehicle CAN HI wire
PURPLE	>	Main Beam Output : 12v when Main Beam is on

# **Testing The Installation**

Connect the interface to the plug-in wiring harness and turn the vehicles ignition 'on'.

The CANNECT interface switches on automatically when CAN activity is detected. The interface has an LED status indicator next to the connection plug, which will illuminate GREEN when valid CAN data has been identified by the interface. When the vheicle is moved, the GREEN LED will flash to indicate that CAN Bus speed information is being processed.

If the LED indicator is illuminated RED for more than 10 seconds, the interface is functioning but cannot identify the vehicle. It is very important that the interface is only connected to the vehicle CAN Bus wiring at the connection point location detailed at the top of the page.

If the LED fails to illuminate or flash, there is a power connection problem - recheck the connections If the LED flashes RED continuously, the interface is powered but is not reading CAN data. Check the interface CAN HI and CAN LO connections are the correct way around. Also check that these wires are connected to the CAN Bus wires as detailed above.