

AVM system sample

Date: 25/April/2013

1. System contents (Standard)

AVM ECU



Front CAM including bracket



Rear CAM including bracket



Left CAM including bracket



Right CAM including bracket



Remote Controller



Power Cable



Video output Cable



USB Cable



Fixing bracket for ECU



1.1 Additional contents – calibration patterns

Each calibration pattern's materials are included for MB and VW. These are necessary for the calibration works during the actual installation of AVM system at each VAN vehicle.



Calibration patterns for MB



Calibration patterns for VW

1.2 Additional fixing bracket for cameras

4pcs fixing brackets are included. Each camera has its own housing, but in case the provided camera housing is not fitted well to the actual vehicles, then these fixing bracket can be used accordingly.

Fixing bracket for cameras



Fixing bracket for cameras



Fixing bracket with camera

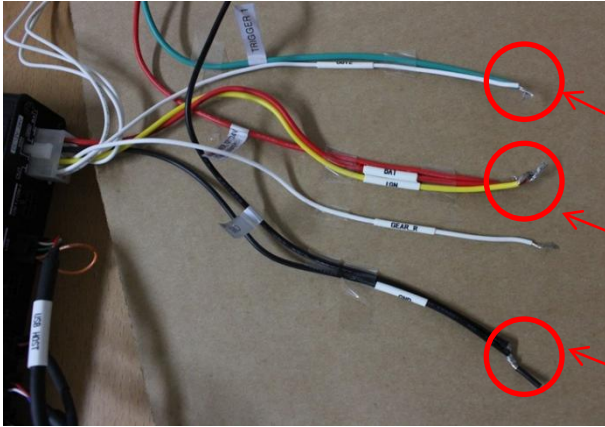


2. System connection for bench testing

There are two ways to activate AVM system as below

2.1 Automatic activation

Before supplying power, connect the wires as below.

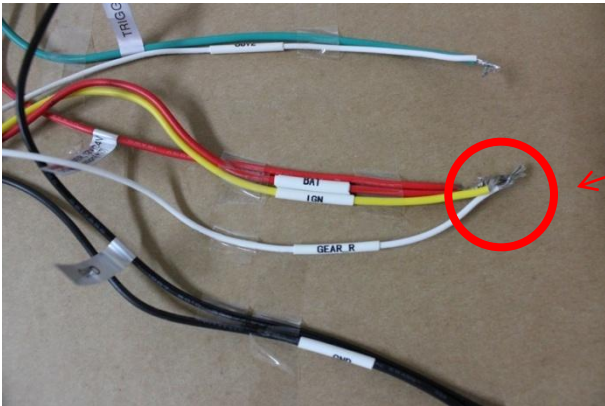


Connect AVM's Video Out (RCA) with Monitor's CA1 input.

Connect AVM's OUT2 (white) with Monitor's Trigger 1 (Green)

Connect AVM's BATT (red), ACC (yellow) with Monitor's B+ (red)

Connect AVM's GND (black) with Monitor's GND (black)



As soon as connect AVM's GEAR_R (white) with Monitor's B+ wires, then AVM system activated on the monitor screen via trigger 1 channel.

As soon as dis-connect AVM's GEAR_R (white) with Monitor's B+ wires, then AVM system de-activated on the monitor after about 3 seconds.

* During the actual vehicle installation, AVM's GEAR_R (white) needs to be connected into "reverse gear signal"

2.2 Manual activation

Instead of using auto-activation, the AVM system can be display on the monitor by using Remote controller.



After supplying the powers to the AVM system, please push this button three times by finger.

Turn ON or OFF by pressing this button 3 times.

Concerning usage of remote controller, please refer to user manual.

* Please refer to user manual for further details.