

9002-9515 Wiring Instructions (Auto Dimming Video Display Mirror)

IMPORTANT: Read before installing. For the latest full color instructions please visit www.brandmotion.com.

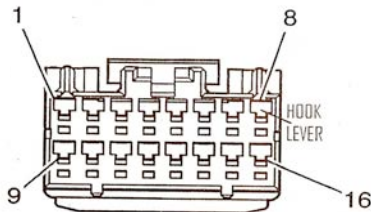
Mirror Mounting- This mirror has a Wedge/ D-tab style mounting base. Please check our application guide to ensure sure it is compatible with your vehicle (adapters are available for specific applications separately). Slide the mirror onto the tab. Torque for the mirror screw that attaches to the windshield tab is 1.8 Nm (16 lb-in) and cannot exceed 2.2 Nm (19.5 lb-in).

Camera requirements- The camera signal must be strong enough for the mirror to detect signal when reverse is engaged. We recommend that the camera be connected to mirror prior to installation to confirm compatibility. Best results are on cameras that have a .8- 1.6 VDC coming out of video composite lead (commonly a yellow RCA jack). To test this use a multimeter set to DC and connect the (-) lead to the camera RCA shield and the (+) lead to the camera RCA tip with the camera powered ON.

Powering up the camera- The mirror stays ON for over 1 second when reverse is disengaged and if the camera is connected to the reverse tail lamp then the screen will flash Blue. If the camera does not power up instantly when the vehicle is shifted into reverse the screen will not detect the camera and will not display an image. For these reasons we recommend that the camera be connected to Ignition (+).

Connector face and back of mirror images

White dot identifies cavity 1



Harness Pinout:

Pin	Wire Color	Function
1	N/A	N/A
2	N/A	N/A
3	N/A	N/A
4	N/A	N/A
*5	Orange	Outside Mirror Auto Dimming +
6	Red	Video +
7	Black	Video -
8	White	Ground
9	Brown	Reverse Signal 12V+
10	N/A	N/A
11	N/A	N/A
12	N/A	N/A
13	Green	Ignition Controlled 12V+
14	N/A	N/A
15	N/A	N/A
*16	White	Outside Mirror Auto Dimming -

Wiring:

Green- Ignition controlled power 12v+ when key is turned ON & 14.4 or better when vehicle is running.

White- Chassis ground

Brown- Connect to Reverse + power (reverse lamp)

RCA- Connect to camera video output (See camera requirements above)

Note 1) *5 Orange & *16 White are outside mirror dimming leads which will work on most vehicles with this function already existing and can purchased separately at Brandmotion under kit number 6014. See separate instructitons included in this kit.

Note 2) If the Ford vehicle has a separate display on the IP for the compass and it displays - - after the OE mirror is removed you must follow steps in section 6 of instructions 1008-9520 in order for it to function again.

Operation: Temporary Monitor Manual Shut Down:

If while in reverse you require to turn OFF the camera monitor simply press and release the POWER button on the mirror. (Note: once reverse is disengaged the mirror will go back to normal operation and will turn ON next time reverse is engaged).