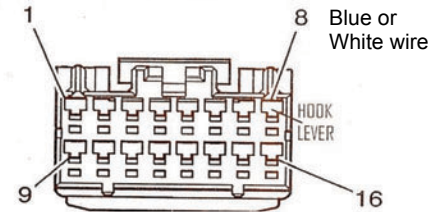


Parts covered: Mirrors 9510, 9511, 9515, 9516 and 9603 and Harnesses 6008, 6105 & 6106

Pin	OE wire	Brandmotion Color	Circuit	Function
1*	Red/white	N/A	240	12v+
1A	N/A	Red	N/A	Video +
2	N/A	N/A	N/A	N/A
2A	N/A	Black	N/A	Video -
3*	D. Green	N/A	5060	Low Speed LAN
4	N/A	N/A	N/A	N/A
5	Grey	N/A	1690	Auto Dimming Signal
6*	D. G/ White	N/A	636	Temp Sensor Send
6A	N/A	Red	N/A	Video +
7*	D. Green	N/A	61	Temp Sensor Return
7A	N/A	Black	N/A	Video -
8	Black	Blue or White	850	Ground
9	BLK/WHT	Brown	24	Reverse Signal 12V+
10	N/A	N/A	N/A	N/A
11	BLK/GN	N/A	2514	OnStar Keypad Signal
12	BLK/L-GN	N/A	2514	OnStar keypad Voltage
13	BLK/YEL	Green	43	Ignition Controlled 12V+
14	BLK/GRY	N/A	2516	OnStar Keypad Green LED
15	BRN/WHT	N/A	2517	OnStar Keypad Red LED
16	BLK/RD	N/A	1691	Low Reference

Connector face and back of mirror images



9510, 9515 & 9603	Use Video inputs 6A & 7A
9511 & 9516	Use Video inputs 1A & 2A
* Remove and isolate pins if present on 9510 application	

Mandatory connections:

All mirrors

Pin 8- Ground. Blue or White wire (OnStar equipped vehicles should have this lead already present).

Pin 9- Reverse Signal. Brown wire (OnStar equipped vehicles with Auto dimming may have this lead present).

Pin 13- Ignition +. Green wire (OnStar equipped vehicles should have this lead present).

Mirror specific connections without comp/temp:

9510, 9515 & 9603

Pin 6- Video + in. Red wire (OnStar mirrors may have pin populated if so, remove and isolate).

Pin 7- Video – in. Black wire (OnStar mirrors may have pin populated if so, remove and isolate).

9511 & 9516 mirrors with comp/temp

Pin 1- Video + in. Red wire.

Pin 2- Video – in. Black wire.

Note 1: The 16 pin connector (harness 6106) is only supplied for Non OnStar mirrors 9515 and 9516. OnStar mirrors already have the connector at the back of the OE mirror.

Note 2: If installing a 9515 or 9516 mirror in a Ford F series vehicle, with compass and temp displayed in the dash, follow steps 9 thru 18 and steps 27 thru 38 (extra wiring is required) in the 1008-9520 Ford F series RVS kit instructions.

Note 3: Maximum installation torque is 1.8 – 2.2 Nm for the mirror screw.

Adding an Ambient Temperature Sensor to 9511 and 9516 mirrors or 6008 harness instructions

Insert Feed lead (red wire) from sensor to pin #6 and Return lead (black wire) from sensor to pin #7.

Temperature and Compass Set up, Calibration and Testing (if equipped)

Your mirror maybe equipped with a screen which displays the current temperature as well as the current orientation of the vehicle. Once the mirror is installed it is necessary to calibrate and test the function of these features.

Temperature settings:

The temperature may require approximately 20 -30 minutes after installation in order to achieve proper temperature reading.

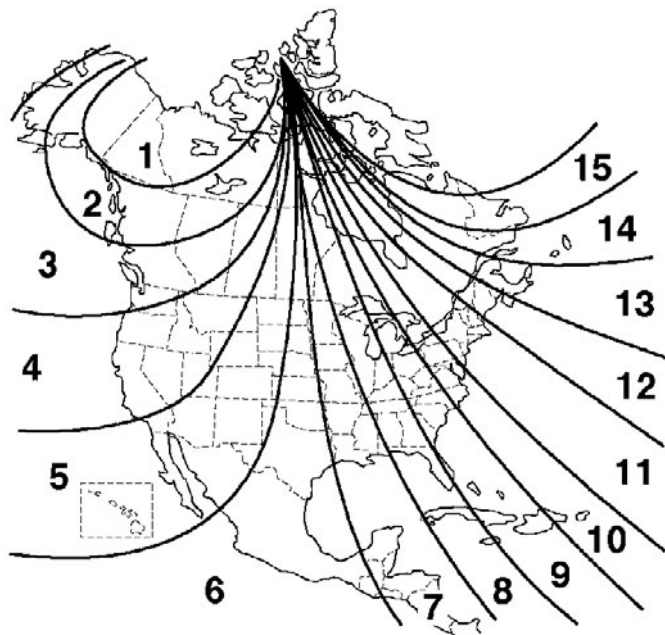
The mirror can display either Fahrenheit or Celsius. In order to select either mode simply press and hold the POWER button for 4 seconds until F or C appear, press POWER button to toggle between each mode and once correct reading is set wait 4 seconds and it will be stored on the mirror.

Compass Calibration:

In some cases CAL will be displayed on the LED read out. If this not being displayed simply press and hold the POWER button for 12 seconds to initiate calibration mode.

- 1) Identify the appropriate zone from the chart below and then press and the POWER button until Z plus the current zone is displayed on the LCD.
- 2) Press and release the power button to toggle through the available zones until the appropriate zone is displayed.
- 3) After the LED displays the selected zone wait 4 seconds and the zone will be stored into the mirror.
- 4) Locate an open area in which the vehicle can be driven at 5MPH or less in circles approximately 2-3 times.

Once the system calibrates the CAL message will disappear from the LED display.



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).