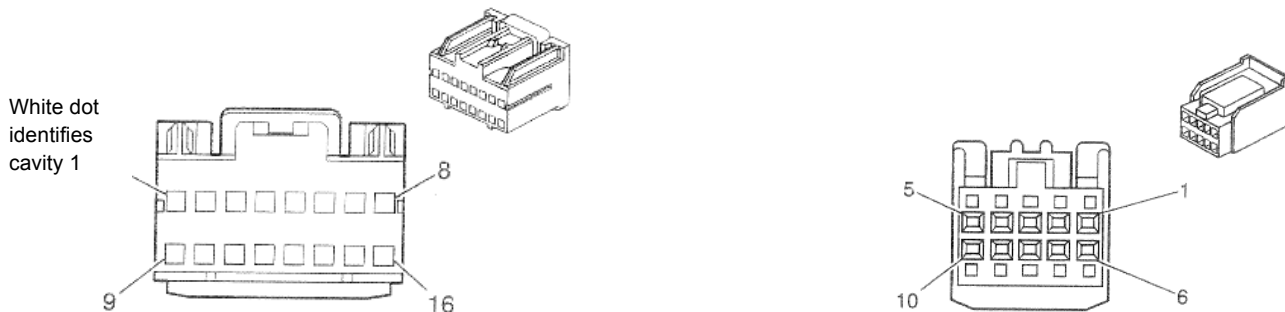


## 10- to 16-pin Mirror Adapter Harness Kit # 9002-6006A

This jumper harness allows for installation of 9002-9510, 9002-9511, 9002-9515, 9002-9516, or 9002-9603 mirrors into GM vehicles equipped with a 10-pin inline mirror connector.

For current list of GM vehicles with a 10 pin connector, please download the latest application guide at [www.brandmotion.com/docs2/rvsappguide.pdf](http://www.brandmotion.com/docs2/rvsappguide.pdf)

- Step 1.** Remove existing mirror along with the mirror harness cover, if equipped, and expose the 10 pin connector.
- Step 2.** Connect the vehicle's 10-pin connector to the 10-pin female connector of 9002-6006A.harness.
- Step 3.** Follow 9002-9510, 9002-9511, 9002-9515, 9002-9516 or 9002-9603 mirror instructions to ensure the and video leads from the harness provided in the mirror kits are inserted into the correct cavities of the 16-pin male connector.
- Step 4.** Use a digital multimeter to ensure that 16-pin connector Pins 8 (Ground), 9 (Reverse +), and 13 (Ignition+) are active.
- Step 5.** Connect the 16 pin connector of the 9002-6006A harness to the mirror.



16 pin	Description	Wire Color	10 pin	Remarks
1	Not used			See Step 3
2	Not used			See Step 3
3	Not used			
4	Not used			
5	Auto Dimming (+)	Gray	9	
6	Camera Video Signal (+)			See Step 3
7	Camera Video Signal (-)			See Step 3
8	Ground	Black	5	
9	Backup Lamp Relay Control (Reverse)	Green	1	
10	Not used			
11	Onstar Keypad Signal	White	3	
12	Onstar Keypad Supply Voltage	Light Green	4	
13	Ignition 1 Voltage	Pink	2	
14	Onstar Keypad Green LED Signal	Yellow	6	
15	Onstar Keypad Red LED Signal	Brown	7	
16	Auto Dimming (-)	Red	8	
	Not used		10	

**Note: After installation, if the reverse lamps remain on when the ignition is turned off, follow the instructions listed on Page 2.**

**We strive to provide accurate and up-to-date installation instructions.  
For the latest instructions, please visit [www.brandmotion.com](http://www.brandmotion.com)**

**Symptom:** With mirror installed and connected, the reverse lamps stay ON when the key is turned OFF and remain ON.

**How to confirm:** The reverse lamps turn OFF and function normally when the mirror is disconnected.

**Vehicles affected:** 2010 and up Chevrolet Malibu and possibly others.

**Corrective action:** Add a relay to interrupt and isolate reverse signal

**Parts needed:**

- (1) Bosch single pull dual throw or equivalent relay
- (4) Male fully insulated speaker spades to connect to relay
- (4) 6' long 20- to 18-gauge wires of different colors

**Installation:**

**Step 1:** Splice a lead to **pin 13 (Ignition +)**, **pin 8 (Ground)**, and cut in half lead going into **pin 9 (Reverse +)**.

**Step 2:** Route the spliced 6' leads down into driver knee bolster area where they will be connected to the relay.

**Step 3:** Connect leads to the relay to according to the following chart:

Relay Circuit	Connection
30	<b>Pin 9</b> going into mirror 16 pin connector (Reverse output)
85	<b>Pin 8</b> of 16 pin mirror harness (Ground)
86	Wire cut from <b>Pin 9</b> (Reverse input)
87	<b>Pin 13</b> of 16 pin mirror harness (Ignition +)
87a	not used