

**Installation Instruction Overview - Rear Vision System NAV Display  
2007-Current Chevy Silverado and GMC Sierra  
(Kit Part number 9002-9501)**

**REQUIRED CONNECTIONS**

<b>Wire Color</b>	<b>Polarity</b>	<b>Function</b>	<b>Connection</b>	<b>Complete Instruction Steps</b>
Gray/Blue	+	Video Signal	Radio Connector cavity 6	44 – 45
Gray/Orange	-	Video Signal	Radio Connector cavity 7	44 – 45
Pink	+	Ignition	MBEC C12 Connector cavity 7	49 – 52
Green	-	Reverse	MBEC C11 Connector cavity 5	53 –56
Black	-	Ground	Stud on left hand side of dashboard	57

**Preparation (Steps 1 thru 4 in supplied complete kit instructions)**

1. Verify kit contents are complete. See complete instructions enclosed in the kit. For the latest full color instructions, as well as an installation video, please visit [www.brandmotion.com](http://www.brandmotion.com).
2. Turn lamps, accessories and ignition off.
3. Disconnect negative battery cable.
4. Wait one (1) minute to assure the SIR roof rail air bag system is disabled before proceeding.

**Install Camera Bezel into Tailgate (Steps 5 thru 29 in supplied complete kit instructions)**

1. Lower tailgate to remove tailgate bezel and then remove tailgate and place on work surface.
2. Using the supplied Template, drill 29mm (1-1/8”) hole(s) for camera grommets at the bottom of the tailgate and pickup box. If the pickup box already has an existing hole, remove its flange so the grommet will fit. Clean rough edges of drilled hole(s) using a deburring tool and then apply supplied anti corrosion coating.
3. Prepare the supplied Camera Bezel by transferring the vehicle’s lock cylinder or installing supplied Lock Plug.
4. Route the camera harness through drilled hole in tailgate. Snap Camera bezel in place and seat grommet.
5. Reinstall tailgate, route the camera harness through the drilled pickup box hole and then seat the grommet into pickup box hole.

**Cut Accessory Pass Through In Front of Dash (Steps 30 thru 39 in supplied complete kit instructions)**

1. Remove left IP outer trim cover, park brake release handle, knee bolster, M-BEC cover and M-BEC box.
2. Move M-BEC to access front of dash opening to locate drilling location. Drill a 25.4mm (1”) hole for grommet near existing dimple or existing grommet.
3. Clean rough edges of drilled hole(s) using a deburring tool, and apply supplied anti corrosion coating.

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### **Install NAV Harness (Steps 40 thru 57 in supplied complete kit instructions)**

1. Remove NAV radio trim bezel, accessory and HVAC control head, and radio head.
2. Unplug brown connector from radio and remove red terminal retaining plug.
3. Insert gray with blue stripe wire terminal into cavity 6 and gray with orange stripe wire terminal into cavity 7 (See Figure 21A on Page 6 of complete instructions). **NOTE:** Some older vehicles may require round terminals. In these cases, splice the supplied 3" gray with blue stripe wire to the NAV Harness gray with blue stripe wire and splice the supplied 3" gray with orange strip wire to the NAV Harness gray with orange stripe wire
4. Reinstall NAV radio head, accessory panel, HVAC control head, and radio trim bezel.
5. Remove brown C12 connector from the M-BEC and remove the TPA from C12 (see Figures 25 & 26 on Page 7 of complete instructions.)
6. Insert the pink wire (ignition) from the NAV harness to cavity 7, reinsert the TPA into Connector C12, and reinstall C12 connector.  
**NOTE:** Pickups with cooled seats require a Denali Jumper Harness, Brandmotion kit number 9002-6005, available separately.
7. Remove the gray C11 connector from the M-BEC and remove the TPA from C11 (see Figures 25 & 26 on Page 7 of complete instructions.)
8. If cavity 5 is not populated, connect the Jumper Harness to the black NAV harness connector (see Figure 27 of complete instructions).
9. If cavity 5 is populated, remove the blue wire from C11 connector cavity 5. Unlock the gray TPA on the black connector on the NAV harness (see Figure 28 on Page 7 of complete instructions.). Insert blue terminal into open cavity of the Jumper Harness. Slide gray TPA to lock the wires (see Figure 29 on Page 7 of complete instructions.). Snap the Jumper Harness connector onto the black NAV connector (see Figure 27 on Page 7 of complete instructions).
10. Insert the green Jumper Harness wire into the C11 connector cavity 5, reinsert the TPA, and reinstall C11 connector back into the M-BEC.
11. Locate the Ground ring terminal on the black wire of the supplied NAV harness and attach it to lower bolt of the knee bolster support with the supplied Ground Nut.

### **Install Chassis Harness (Steps 58 thru 75 in supplied complete kit instructions)**

- Locate longer Chassis Harness from kit. Route the grommet end of the Chassis Harness through drilled hole in the front of dash, seat the grommet, and connect to the supplied NAV harness.
- Route the Chassis Harness towards the rear of the vehicle and along the vehicle's chassis harness.
- Connect the supplied Chassis Harness to the supplied camera harness.
- Secure supplied harnesses to existing harness using supplied Wire Ties every 200mm (approx. 8").
- Reinstall negative battery cable and test system before reinstalling all previously removed interior parts.