**Rostra 250-8039: GM Truck RearSight Camera-to-OEM Navigation Interface Kit**

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<th>Item</th>
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<td>250-8105</td>
<td>RearSight Camera Assembly</td>
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<td>250-8516</td>
<td>Truck Extension Harness</td>
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<td>250-8522</td>
<td>Hardware Package</td>
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Form #5130, Rev. RTP, 12-04-07
REMOVE THE TAILGATE FROM REAR OF VEHICLE. DRILL A 5/8” HOLE AT BOTTOM AND TOWARD CENTER OF TAILGATE. (FIGURE 1)

DRILL ANOTHER 5/8” HOLE IN TRUCK BED MAKING SURE IT WILL BE STAGGERED LEFT OR RIGHT OF HOLE IN TAILGATE. THIS WILL ALLOW THE HARNESS NOT TO BE PINCHED OR BOUND BETWEEN THE TAILGATE AND TRUCK BED. (FIGURE 2). USE A DEBURRING TOOL TO REMOVE ANY BURRS OF METAL IN EACH HOLE. ROUTE THE TAILGATE EXTENSION HARNESS THROUGH DRILLED HOLES.

REMOVE TAILGATE LATCH AND DRILL A 1 AND 1/16” HOLE THROUGH THE CENTER LEFT SIDE OF LATCH. CLEAN THE CAMERA AND PCB MOUNTING AREAS WITH ALCOHOL. REMOVE SNAP-IN CLIP ON CAMERA SHROUD. MOUNT THE CAMERA ASSEMBLY TO LATCH AND MOUNT PCB INSIDE TAILGATE. (FIGURE 3)

CONNECT THE TAILGATE EXTENSION HARNESS TO CAMERA ASSEMBLY HARNESS. USE THE SUPPLIED FOAM PAD TO WRAP CONNECTIONS. SECURE ALL HARNESSES WITH WIRE TIES. PLACE LATCH BACK ONTO TAILGATE. (FIGURE 4)
INSTALLATION PROCEDURES

Connect the TAILGATE EXTENSION HARNESS to the TRUCK EXTENSION HARNESS under vehicle. Route harness to the driver side grommet under front door scuff panel. Then route harness to the dash. Remove the navigation radio from the dash. Remove the factory brown 16-pin connector from the radio. Insert the NAVIGATION INTERFACE HARNESS into navigation radio. (FIGURE 5)

Mate the factory connector to the NAVIGATION INTERFACE HARNESS. (FIGURE 6)

Remove the lower steering column panel to access the BCM. Crimp the supplied RED SPADE TERMINALS to the ends of the CAMERA POWER HARNESS. Connect the BLACK/WHITE STRIPE wire of CAMERA POWER HARNESS to the supplied FUSE. Connect the FUSE to Reverse Light Power (FIGURE 7).

Connect the solid BLACK WIRE to Ground using the supplied RED and BLUE T-TAPS (FIGURE 8).
**Installation Procedures**

Mate the RCA and DC plugs of the **truck extension harness** to the **interface and power harnesses** at the radio (Figure 9).

![Figure 9](CONNECT_CAMERA_EXTENSION_HERE)

Use the following procedure at GM dealer to flash the 2007 GM Touch Screen Nav Radio so that it will accept a reverse camera image. Shift to reverse to check for an image on the display.

**GM-900 Series Navigation System Flash Procedure for RearSight Cameras**

1. **Open the TIS2000 Service Programming system and select the correct controller (RAD) to flash.**

2. **Open Service Programming and choose the correct vehicle and radio details. (Ex. Yukon with NAV radio). You will need the RPO codes for the vehicle. Each vehicle has unique codes (normally found in the glove compartment).**

3. **Build out the remainder of the vehicle details. Select the rearview camera option. Choose software that applies to the particular vehicle based on the equipped options. Remember that each vehicle is different and has unique RPO codes.**

4. **Once complete, upload the software back to the vehicle. This enables the camera port when the vehicle is in reverse.**

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