

**ROSTRA 250-8039: GM TRUCK REARSIGHT
CAMERA-TO-OEM NAVIGATION INTERFACE KIT**



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	250-8105	REARSIGHT CAMERA ASSEMBLY
2	1	250-8516	TRUCK EXTENSION HARNESS
3	1	250-8518	TAILGATE EXTENSION HARNESS
4	1	250-8520	NAVIGATION INTERFACE HARNESS
5	1	250-8505	CAMERA POWER HARNESS
6	1	250-8522	HARDWARE PACKAGE

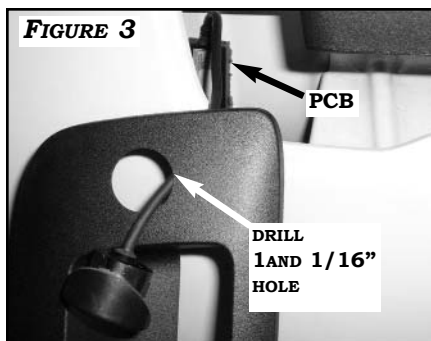
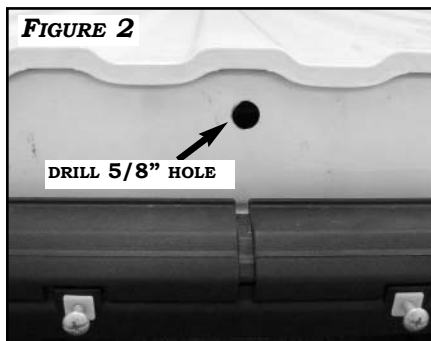
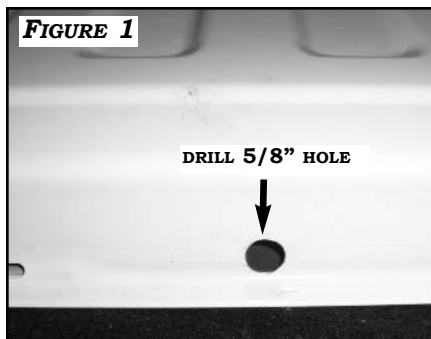
INSTALLATION PROCEDURES

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)**



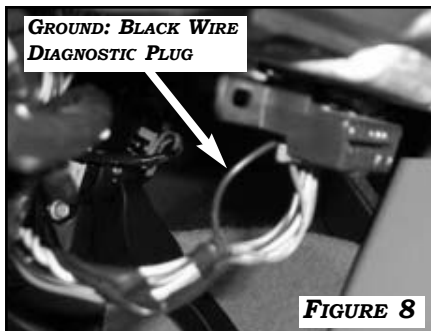
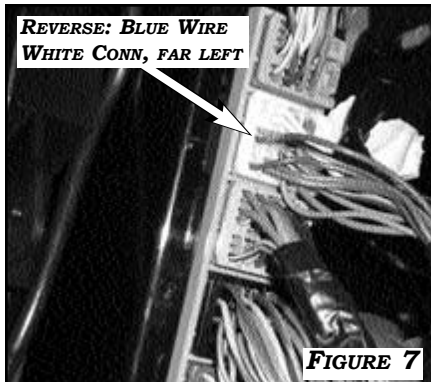
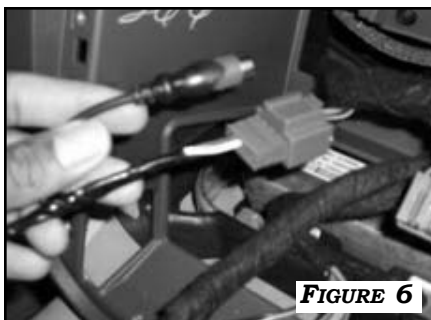
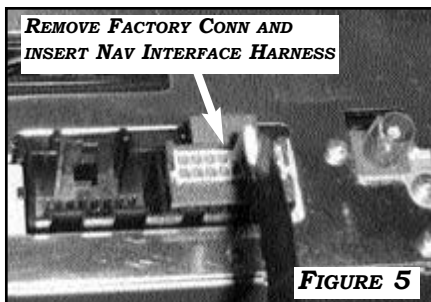
INSTALLATION PROCEDURES

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**).



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.