

PART NUMBER: 250-8804-TUN

KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	1	REAR CAMERA ASSEMBLY
2	1	CAMERA EXTENSION HARNESS
3	1	MIRROR ADAPTER HARNESS
4	1	OWNER'S CARD
5	1	HARDWARE BAG
6	1	REARVIEW MIRROR WITH LCD DISPLAY

HARDWARE BAG CONTENTS

ITEM	QTY	DESCRIPTION
1	5	WIRE TIES
2	2	ADHESIVE FOAM
3	1	ADHESIVE CLIP
4	2	ALCOHOL PAD

ADDITIONAL ITEMS REQUIRED FOR INSTALL

ITEM	QTY	DESCRIPTION
1		
2		
3		
4		

CONFLICTS

NOTE: MODELS WITHOUT POWER PACKAGE ARE NOT FACTORY PREWIRED AND ARE NOT APPLICABLE.

RECOMMENDED TOOLS

SAFETY TOOLS	
SPECIAL TOOLS	
REAR MOUNTING FIXTURE	
INSTALLATION TOOLS	
FASTENER REMOVAL TOOL	WIRE CUTTERS
TRIM REMOVAL TOOL	TORX-20 BIT
8 & 10-MM DEEP SOCKET	TORX-30 BIT
TORQUE WRENCH (36 IN.LB.)	1.125" HOLE SAW
POWER DRILL/DRIVER	
SPECIAL CHEMICALS	
SOAPY WATER OF ALCOHOL WATER	

COLOR APPLICABILITY/TRIM LEVEL

ACCESSORY COLOR	VEHICLE TRIM COLOR															







GENERAL APPLICABILITY

ALL MODELS WITH POWER PACKAGE OR OEM PREWIRING

RECOMMENDED SEQUENCE OF APPLICATION

* MANDATORY

LEGEND

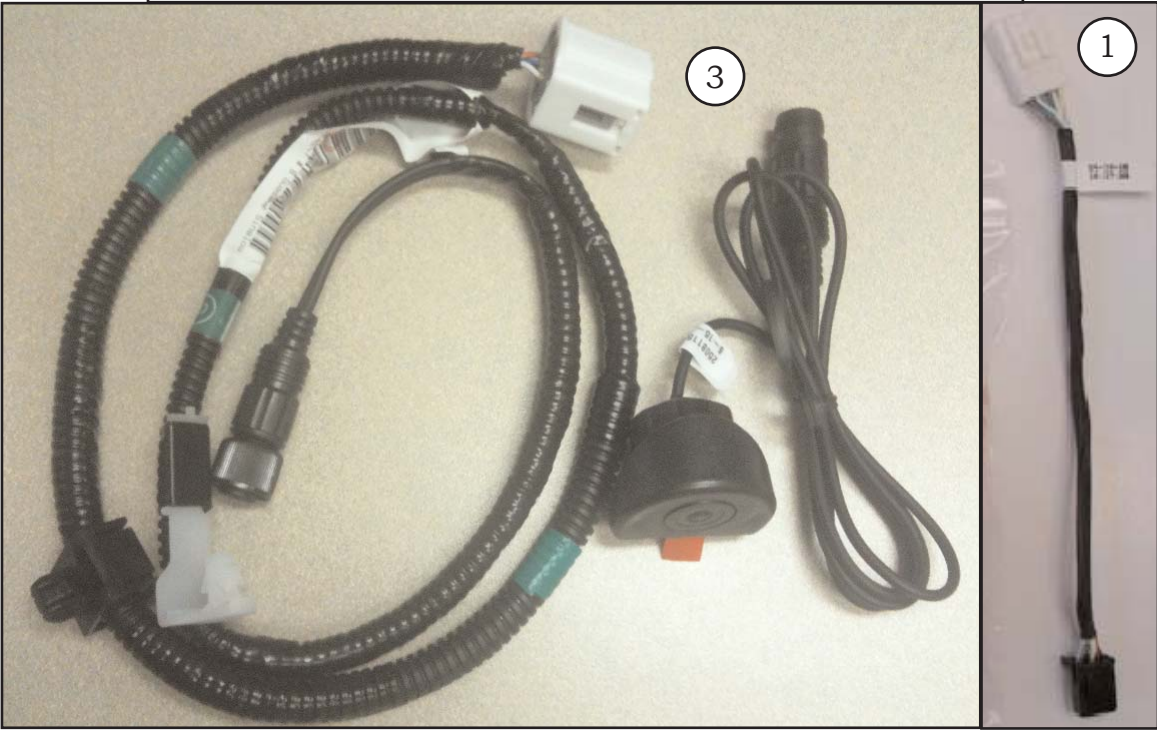
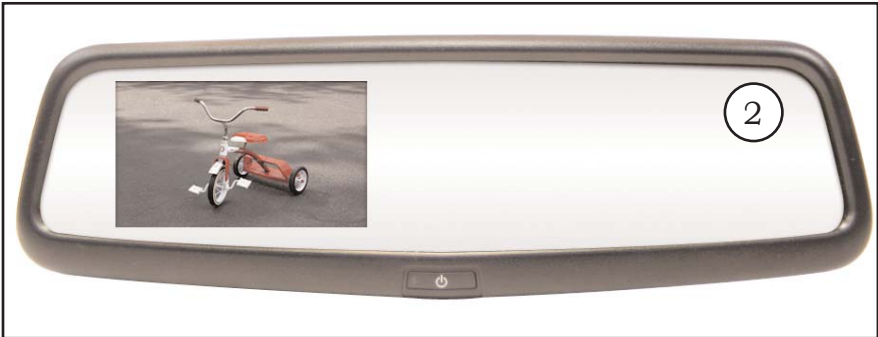
-  **STOP:** DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.
-  **OPERATOR SAFETY:** USE CAUTION TO AVOID RISK OF INJURY.
-  **CRITICAL PROCESS:** PROCEED WITH CAUTION TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED ON A COMPLETED VEHICLE INSTALLATION.
-  **GENERAL PROCESS:** THIS HIGHLIGHTS SPECIFIC PROCESSES TO ENSURE A QUALITY INSTALLATION. THESE POINTS WILL BE AUDITED DURING THE ACCESSORY INSTALLATION.
-  **TOOLS & EQUIPMENT:** THIS CALLS OUT THE SPECIFIC TOOLS AND EQUIPMENT REQUIRED FOR THE PROCESS.
-  **REVISION MARK:** THIS MARK HIGHLIGHTS A CHANGE IN INSTALLATION WITH RESPECT TO PREVIOUS ISSUE.

SPECIAL NOTE: INSTALLATION SEQUENCES

AFTER SAFETY MANDATED PREPARATORY STEPS HAVE BEEN TAKEN, THE INSTALLATION SEQUENCE IS THE SUGGESTED METHOD FOR COMPLETING THE ACCESSORY INSTALLATION. IN SOME INSTANCES THE SUGGESTED SEQUENCE IS WRITTEN FOR ONE ASSOCIATE TO INSTALL AND IN OTHERS THE SEQUENCE IS GIVEN AS PART OF A TEAM ACCESSORY INSTALLATION. UNLESS OTHERWISE STATED IN THE DOCUMENT, THE ASSOCIATES MAY PERFORM THE INSTALLATION STEPS IN ANY ORDER TO MAKE THE INSTALLATION AS EFFICIENT AS POSSIBLE WHILE MAINTAINING CONSISTENT QUALITY.

PARTS IDENTIFICATION

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1	1	250-2820	MIRROR ADAPTER HARNESS
2	1	250-8804	REARVIEW MIRROR WITH LCD
3	1	250-2827	REAR CAMERA ASSEMBLY



***BEFORE** BEGINNING INSTALLATION, FAMILIARIZE YOURSELF WITH THE INSTALLATION INSTRUCTIONS AND THE **REARSIGHT™** BACK-UP CAMERA SYSTEM COMPONENTS.

VEHICLE PREPARATION



CAUTION: It is advisable to disconnect the negative battery cable for 3 minutes before beginning installation, to avoid unintended air bag deployment. Note and record any anti-theft radio codes prior to disconnecting.



VEHICLE PREPARATION



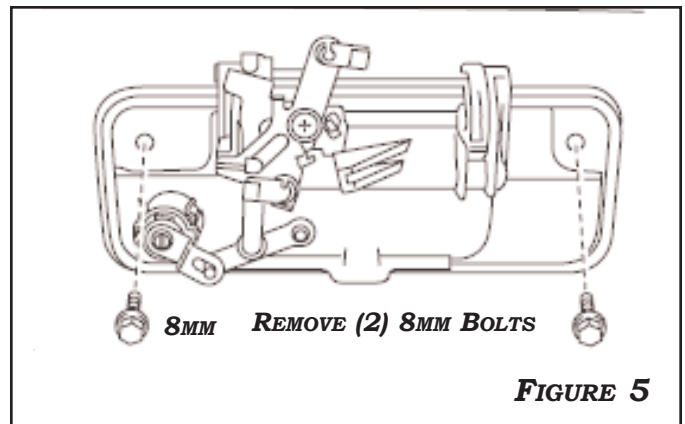
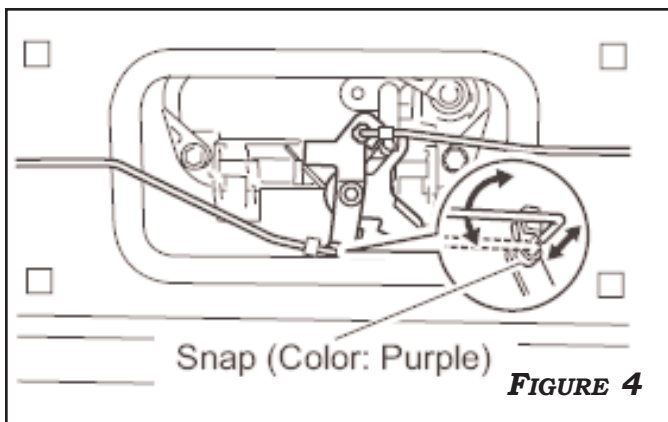
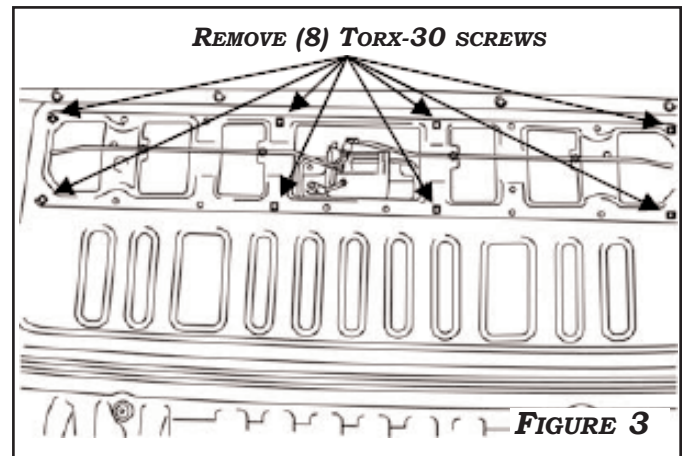
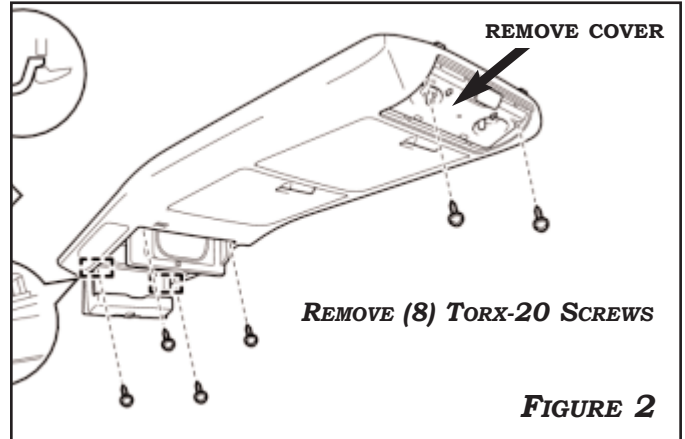
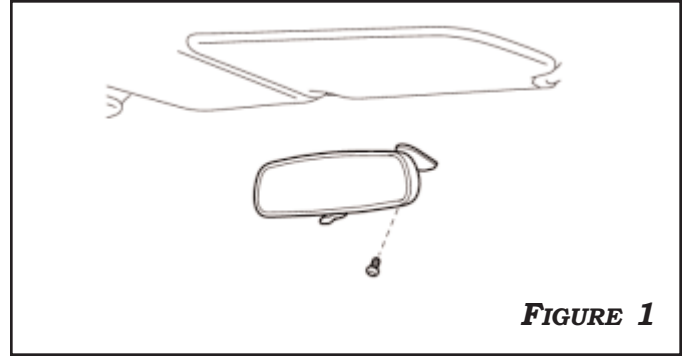
1. USING A T20 "TORX" SOCKET WRENCH, REMOVE THE SCREW AND INNER REAR VIEW MIRROR. **FIGURE 1**

2. FOR VEHICLES WITH LONG TYPE CONSOLE BOX, USE A TRIM TOOL TO DISENGAGE THE 4 CLAWS AND REMOVE THE COVER AS SHOWN. USE A "TORX" SOCKET WRENCH T20, REMOVE THE 6 SCREWS AND DISCONNECT CONNECTOR. **NOTE: VEHICLES WITH SHORT TYPE CONSOLE BOX, REMOVE FRONT 4 SCREWS. FIGURE 2**

3. LOWER THE TAILGATE. USING A T30 "TORX" BIT, REMOVE THE 8 SCREWS TO REMOVE THE TAILGATE ACCESS PANEL. **FIGURE 3**

4. UNCLIP THE LATCH AND LOCK MECHANISM FROM THE LATCH ASSEMBLY BY TURNING THE PURPLE SNAPS. **FIGURE 4**

5. REMOVE THE LATCH ASSEMBLY FROM THE TAILGATE BY REMOVING (2) 8MM BOLTS. **FIGURE 5**



INSTALLATION

INSTALLING CAMERA ASSEMBLY



1. CUT OUT THE CAMERA HOLE DRILLING TEMPLATE ON PAGE 7 OF THIS MANUAL. AFFIX IT TO THE TAIL GATE LATCH AS SHOWN IN **FIGURE 6**. DRILL A 1/4" PILOT HOLE AND THEN ENLARGE IT TO 1-1/16". CLEAN AND DE-BURR THE HOLE.
2. INSERT THE REARSIGHT CAMERA INTO THE HOLE TO CHECK FOR FITMENT. **DO NOT** REMOVE THE LINING ON THE TAPE OF THE CAMERA SHROUD YET. IF THE CAMERA WON'T FIT FLUSH WITH THE LATCH, USE A KNIFE TO CHAMFER THE INNER EDGE OF THE HOLE SO THAT THE CAMERA WILL FIT. CLEAN THE OUTSIDE AREA AROUND THE HOLE WITH THE SUPPLIED ALCOHOL PAD AND THEN MOUNT THE CAMERA TO THE LATCH USING THE MOUNTING TAPE. REPLACE THE LATCH INTO THE TAILGATE. **FIGURES 7-9**

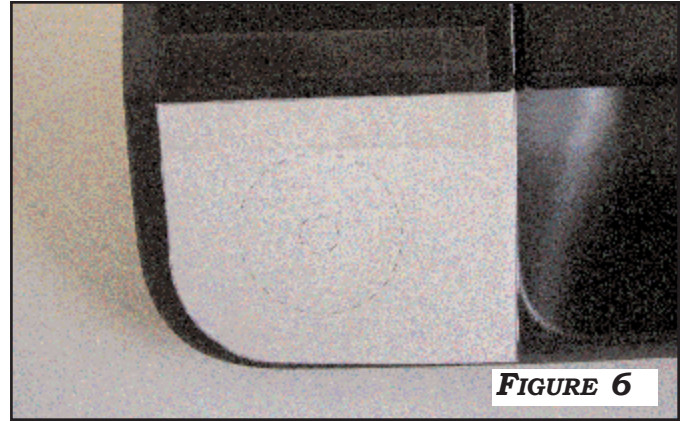


FIGURE 6

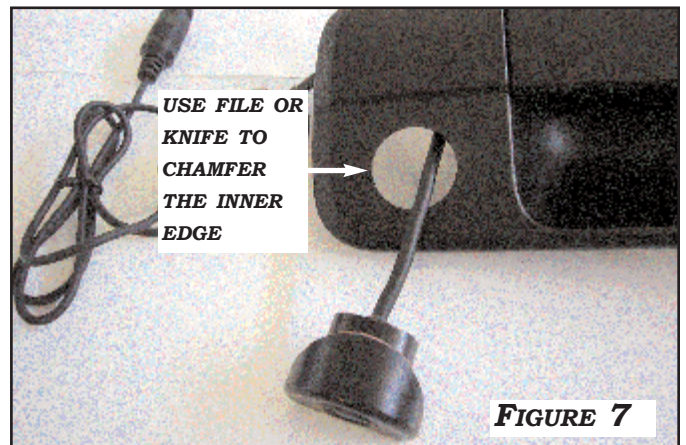


FIGURE 7

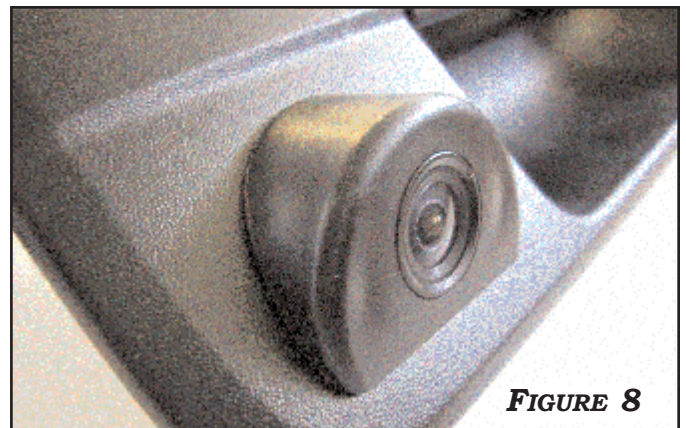


FIGURE 8

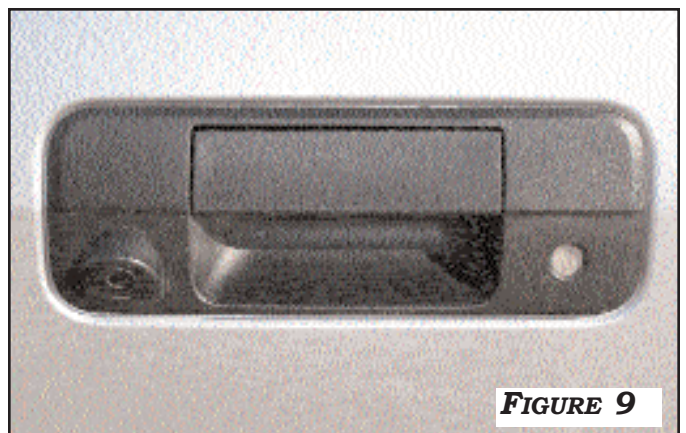


FIGURE 9

INSTALLATION

ROUTING CAMERA HARNESS



1. ROUTE THE **CAMERA EXTENSION HARNESS** FROM THE SMALL OPENING AT THE BOTTOM RIGHT OF THE TAILGATE TO THE LARGER OPENING AS SHOWN IN **FIGURE 10**. ROUTE WITH THE SMALL ROUND CONNECTOR END FIRST. THE WHITE FACTORY CONNECTOR WILL PASS THROUGH THE STAMPED OPENING UNDER THE RIGHT SIDE OF THE TRUCK BED.

2. CONNECT **CAMERA EXTENSION HARNESS** TO THE **CAMERA ASSEMBLY** BY MATING THE 6-PIN PLUGS AND SCREWING THEM TOGETHER. SECURE THE HARNESS WITH WIRE TIES AND WRAP THE CAMERA CONNECTOR IN THE FOAM TAPE. **FIGURES 11-12**

3. AT THE BOTTOM OF THE TAILGATE, ROUTE THE **CAMERA EXTENSION HARNESS** THROUGH THE STAMPED OPENING UNDER THE BED TO THE FACTORY PREWIRE PLUG LOCATED NEAR THE RIGHT FRAME RAIL. REMOVE THE FACTORY PLUG AND CONNECT THE WHITE CONNECTOR OF THE **CAMERA EXTENSION HARNESS** TO THE FACTORY PRE-WIRING. **FIGURE 13**

4. INSTALL THE SUPPLIED 1.75" GROMMETS OVER THE **CAMERA EXTENSION HARNESS** AT THE OPENINGS IN THE TAILGATE AND TRUCK BED AS SHOWN IN **FIGURES 14-15**.

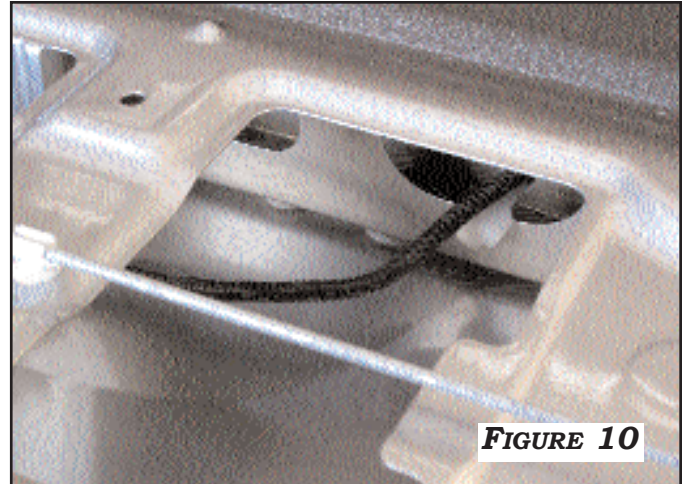


FIGURE 10

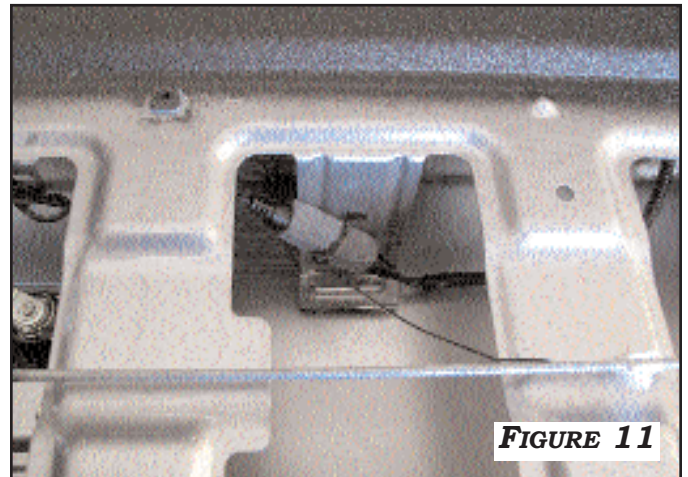


FIGURE 11

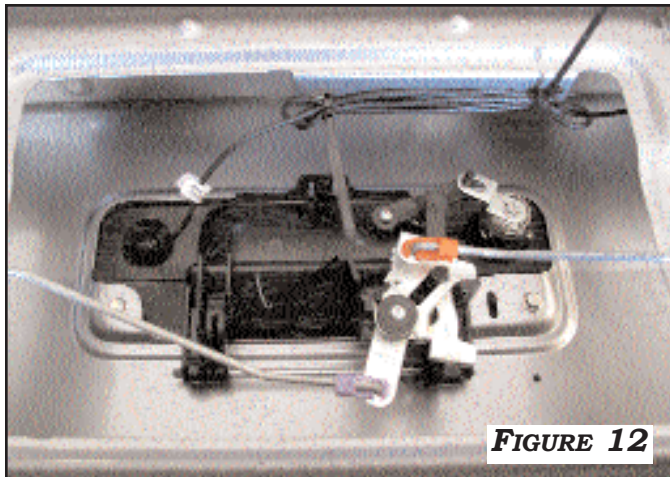


FIGURE 12

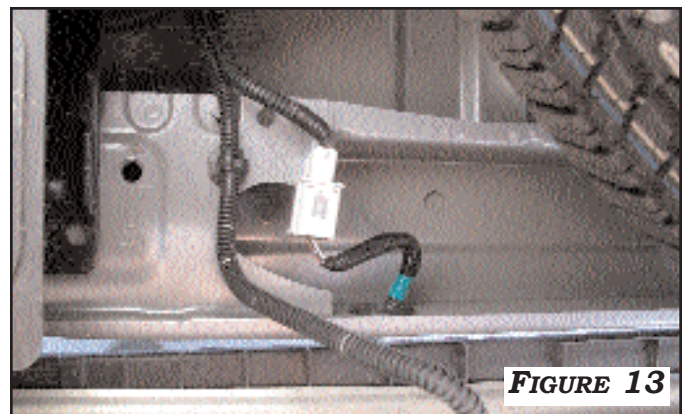


FIGURE 13

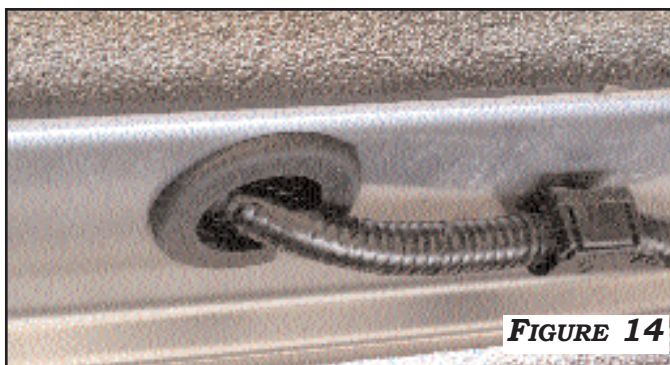


FIGURE 14

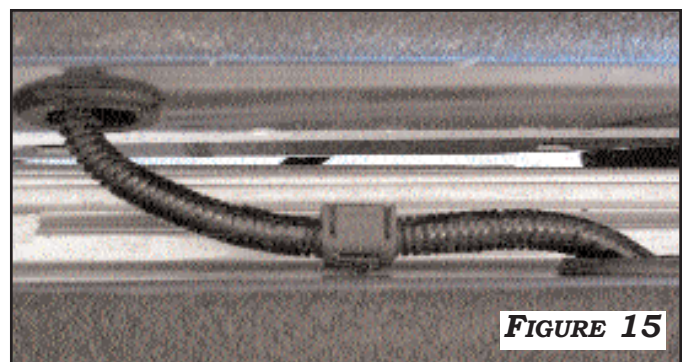


FIGURE 15

INSTALLATION

INSTALLING REARVIEW MIRROR



1. MOUNT REARSIGHT MIRROR ON EXISTING WINDSHIELD LUG AND TIGHTEN THE TORX SCREW. LOCATE THE BLACK 14-PIN CONNECTOR ABOVE THE HEADLINER AND PULL IT FROM THE HOLDING CLIP. **FIGURE 16**

2. CONNECT THE **MIRROR ADAPTER HARNESS** TO THE WIRE HARNESS EXITING THE MIRROR. ROUTE THE HARNESS UP WINDSHIELD AND BEHIND THE HEADLINER TO CONSOLE OPENING. CONNECT THE MIRROR EXTENSION HARNESS TO THE BLACK 14-PIN FACTORY PRE-WIRING CONNECTOR. **FIGURES 17-18**

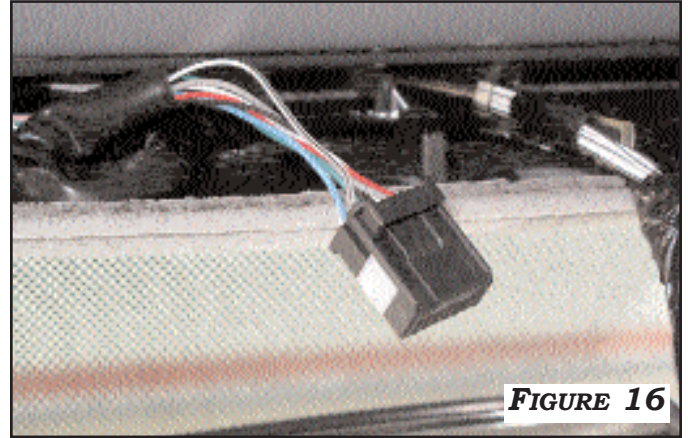


FIGURE 16

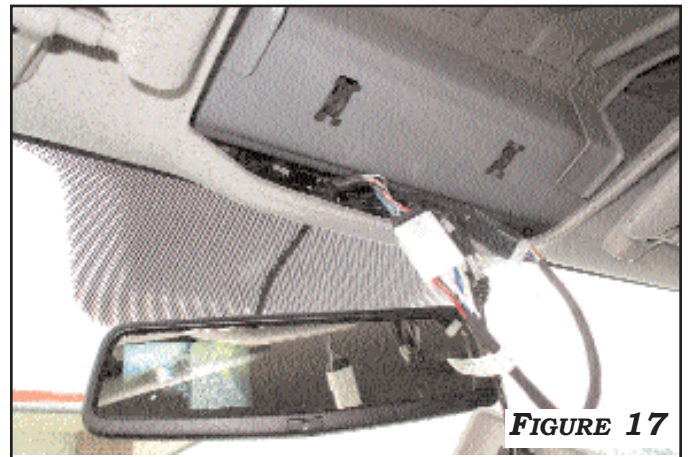


FIGURE 17

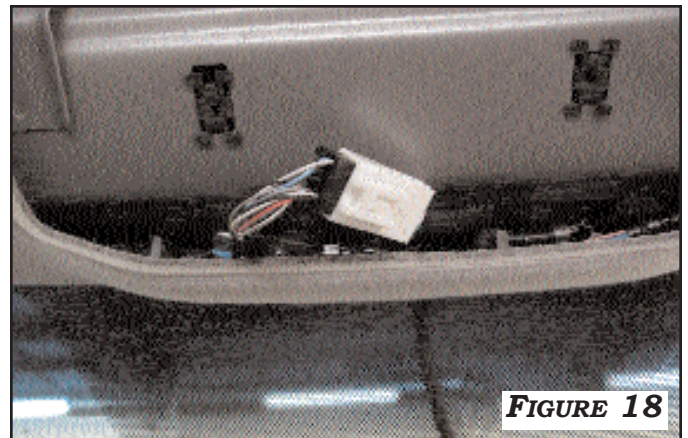


FIGURE 18

TESTING AND REASSEMBLY

TESTING



1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO **3 FT LBS**. RE-ENTER ANY THEFT DETERRENT INFORMATION, IF APPLICABLE.



2. TURN THE IGNITION SWITCH **ON**. PUT THE VEHICLE IN REVERSE. VERIFY THAT THE REARSIGHT MIRROR IS ON AND THAT THE CAMERA'S PICTURE APPEARS.

3. IF THERE IS NO PICTURE, VERIFY ALL CONNECTIONS ARE SECURE.

REASSEMBLY

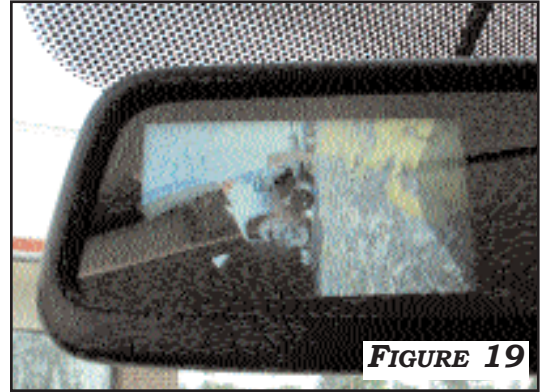


1. REINSTALL ALL TRIM PIECES TAKING SPECIAL CARE TO ENSURE HARNESES AND WIRING CONNECTIONS ARE PROPERLY SECURED.

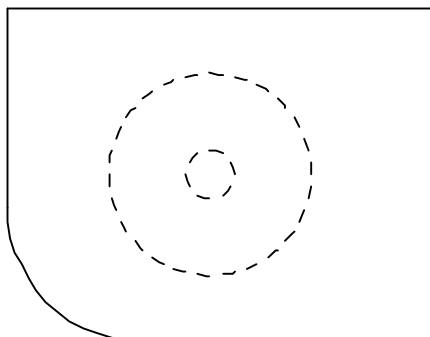
2. BE SURE HARNESS IS NOT PINCHED OR BOUND BY TRIM PIECES.

3. PLACE THE OWNER'S CARD IN THE GLOVE BOX.

4. RECONNECT ALL DISCONNECTED BULBS AND CHECK FOR FUNCTION.



CAMERA TEMPLATE



CUT OUT THIS TEMPLATE. USE CENTER HOLE FOR PILOT. FINISHED HOLE SIZE SHOULD BE 1-1/16"

FUNCTION VERIFICATIONS

CHECK:
_____LOOK FOR:

ACCESSORY FUNCTION CHECKS

TURN THE IGNITION SWITCH ON
AND PUT VEHICLE IN REVERSEVERIFY CAMERA PICTURE COMES ON. (IMAGE WILL
DISAPPEAR WHEN VEHICLE IS TAKEN OUT OF GEAR)TURN THE IGNITION SWITCH ON
AND PRESS "AUTO" BUTTON

VERIFY LED LIGHT IS ON IN IGNITION

VEHICLE FUNCTION CHECKS

OVERHEAD MAP LIGHT OPERATION

MAP LAMPS SHOULD TURN ON/OFF

TRUNK RELEASE

VERIFY TRUNK RELEASE HANDLE OPERATES

BACK UP LIGHTS

VERIFY BACK UP LIGHTS COMES ON WHEN
PLACED IN REVERSERADIO OPERATION (CHECK BY PLACING VEHICLE
IN REVERSE GEAR)

RADIO SHOULD OPERATE NORMALLY