



**Rostra RearSight
250-8082A/250-8083A
Installation Instructions**

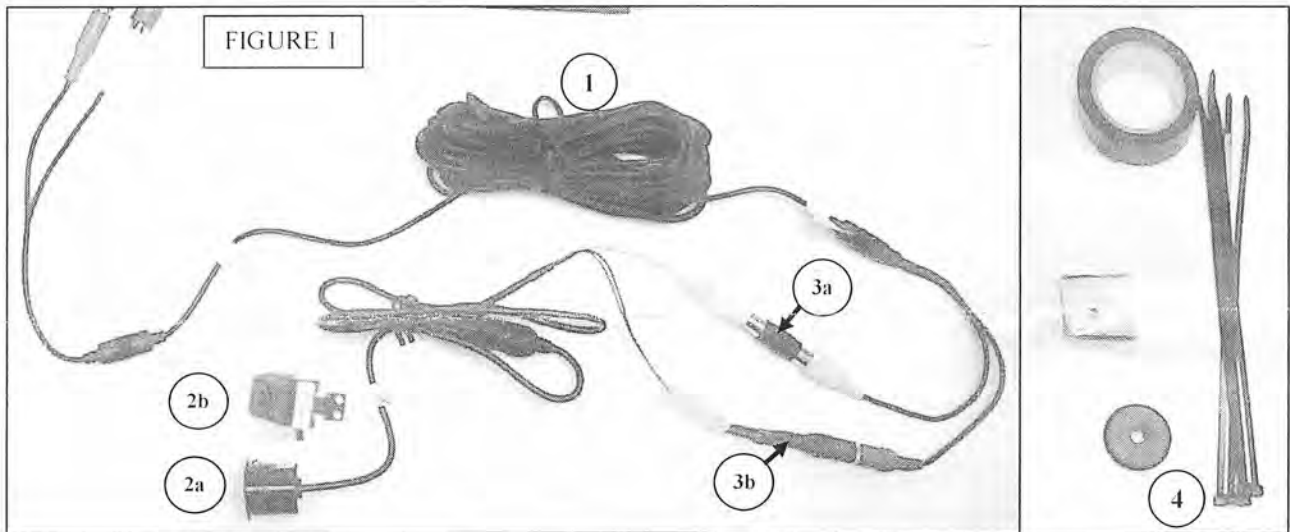


Table 1

ITEM	PART NAME	PART NUMBER
1	30' Video Extension	250-8503**
2a	Tube Camera	250-8083**
2b	Bracket Camera	250-8082**
3a	RCA Male to Male	
3b	DC Adapter	250-8562
4	Misc sack parts	

** MAY NOT BE INCLUDED IN PACKAGE BASED ON PART NUMBER PURCHASED.
Parts are listed for identification purposes only.

TUBE CAMERA

1. CONNECT THE EXTENSION HARNESS TO THE CAMERA AS SHOWN IN FIGURES 1 & 4. LOCATE AN AREA ON THE BUMPER TO MOUNT CAMERA AT THE REAR OF VEHICLE. **NOTE: THIS CAMERA SHOULD BE MOUNTED IN A RESIN BUMPER ONLY.** MAKE SURE THE LOCATION IS ACCESSIBLE FROM THE INSIDE OF THE VEHICLE TO PROVIDE ACCESS TO THE EXTENSION HARNESS.
2. USE A 7/8" OR 22MM BIT TO DRILL HOLE FOR THE CAMERA. FIGURE 2. BE SURE TO USE MASKING TAPE TO PROTECT THE DRILLING AREA OF THE BUMPER.

BRACKET CAMERA

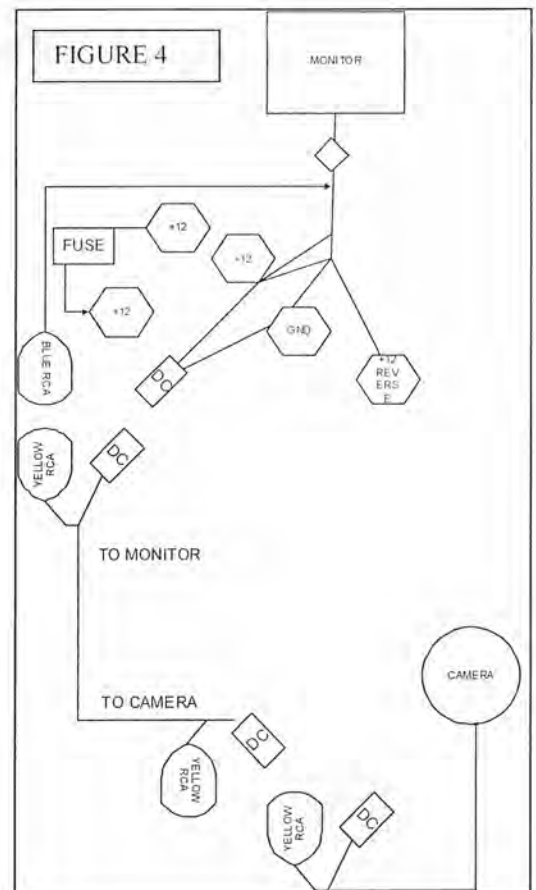
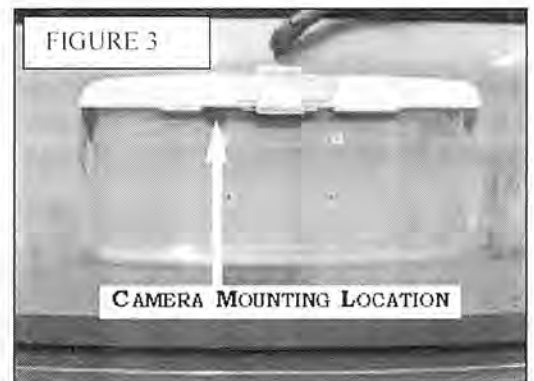
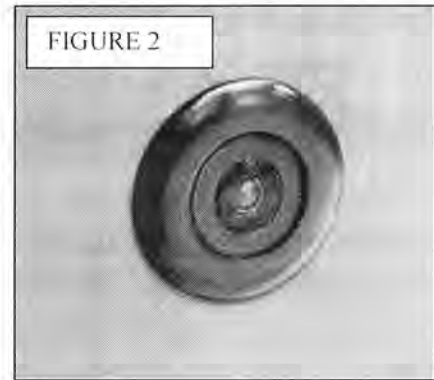
1. LOCATE AN AREA TO MOUNT CAMERA AT THE REAR OF VEHICLE. MAKE SURE THE LOCATION IS ACCESSIBLE FROM THE INSIDE OF THE VEHICLE TO PROVIDE ACCESS TO THE EXTENSION HARNESS. CONNECT THE EXTENSION HARNESS TO THE CAMERA AS SHOWN IN FIGURES 1 & 4.
2. USING THE HARDWARE PROVIDED, MOUNT THE CAMERA SO THAT THE AREA VIEWED INCLUDES A MINOR PORTION OF THE BUMPER. FIGURE 3. THIS WILL PROVIDE DEPTH PERCEPTION FOR VIEWING AS THE VEHICLE IS DRIVEN IN REVERSE.

ELECTRICAL HOOK UP OF SYSTEM

1. STARTING AT THE MONITOR END. CONNECT THE ACC (RED) AND BAT (YELLOW) AND +12V DC (ON ADAPTOR BLACK WITH STRIPE) INTO AN INSULATED MALE TERMINAL AND TO THE FUSE LINK. CONNECT THE GND (BLACK) AND GROUND (ON ADAPTOR PLAIN BLACK). FOR REVERSE POWER TERMINATE THE BACK (LIGHT GREEN WIRE) USING AN INSULATED MALE TERMINAL. FIND AND CONNECT EACH CIRCUIT TO THE PRESCRIBED POINT ON THE VEHICLE USING THE SUPPLIED T-TAP CONNECTORS.
2. CONNECT THE RCA EXTENSION HARNESS AS SHOWN.
3. USE THE FOAM TAPE TO INSULATE AND SOUND PROOF UNUSED RCA CONNECTORS.

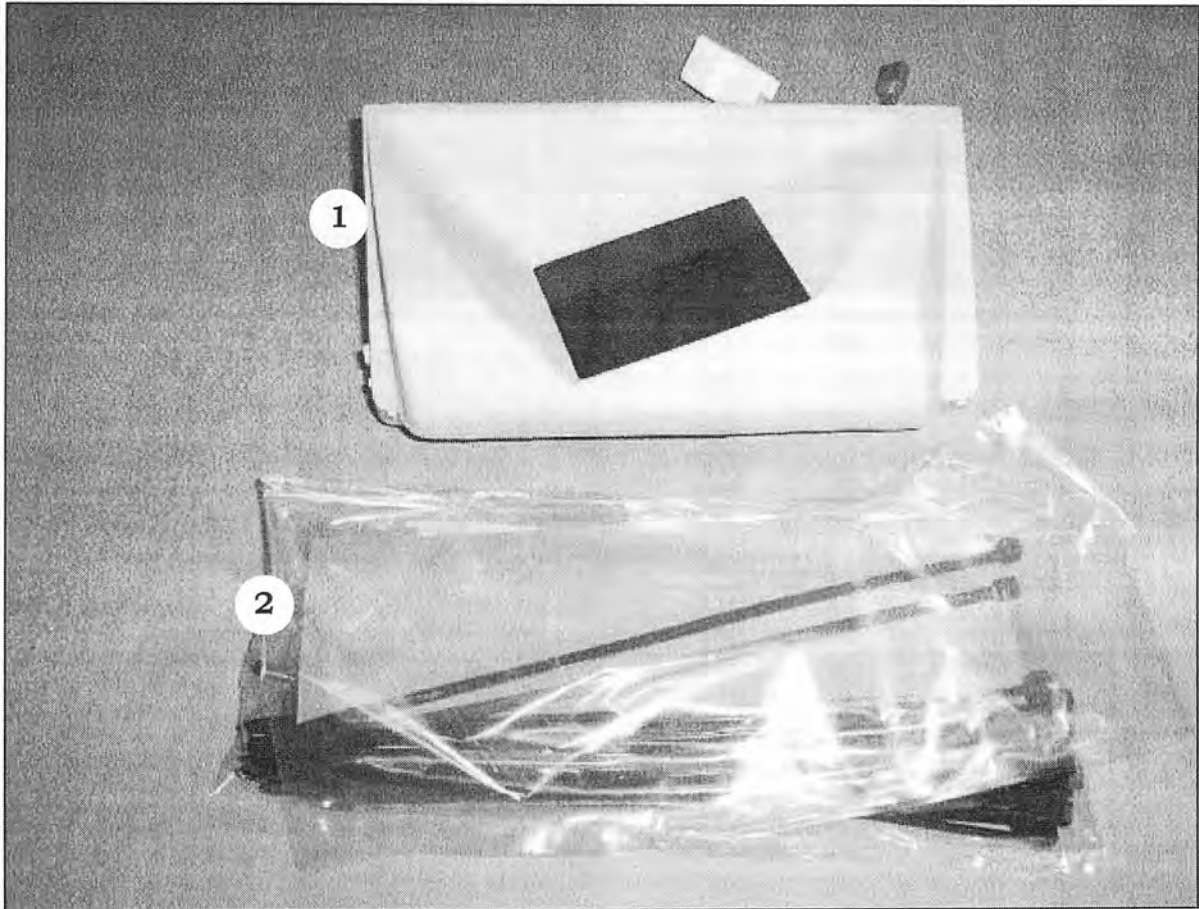
TROUBLESHOOTING

1. **MONITOR NOT WORKING**
WITH IGNITION
 - a. VERIFY IGNITION +12 VOLTS TO MONITOR ON POWER WIRES.
 - b. VERIFY GROUND TO MONITOR ON BLACK WIRE WITH MULTI-METER READING TO BE LESS THAN 10HM.
 - c. VERIFY MONITOR HARNESS IS FULLY PLUGGED INTO MONITOR.
2. **NO VIDEO**
WITH IGNITION ON, THE MIRROR MONITOR HAS NO PICTURE:
 - a. VERIFY EXTENSION HARNESS MATED TO MONITOR.
 - b. VERIFY HARNESSES ARE MATED PROPERLY AT CAMERA.
 - c. VERIFY POWER ON THE RED AND BLACK WIRES AT THE CAMERA.
 - d. VERIFY EXTENSION HARNESS IS NOT KINKED OR DAMAGED IN ROUTING PROCESS WITH CAMERA AND MONITOR EXTENSION ENDS UNPLUGGED VERIFY NO CONTINUITY BETWEEN INSIDE + AND - CIRCUITS BY TOUCHING OHM METER LEADS TO INSIDE POINT AND OUT SIDE POINT OF CABLE.
3. **NO REVERSE OVERRIDE**
 - a. CHECK REVERSE WIRE CONNECTION.
 - b. VERIFY REVERSE WIRE HAS +12 VOLTS AT BACK UP LIGHT CIRCUIT.



PARTS IDENTIFICATION

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1	1	250-8305 250-8306	3.5" MONITOR ASSEMBLY, GRAY 3.5" MONITOR ASSEMBLY, TAN
2	1		SACK PARTS: TIE STRAPS, FOAM TAPE



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

INSTALLATION



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

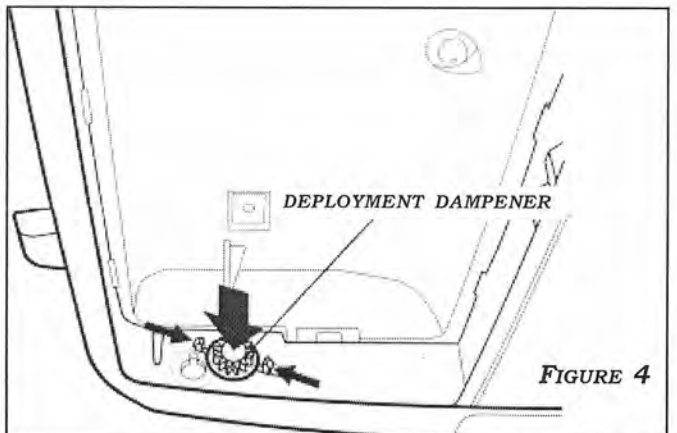
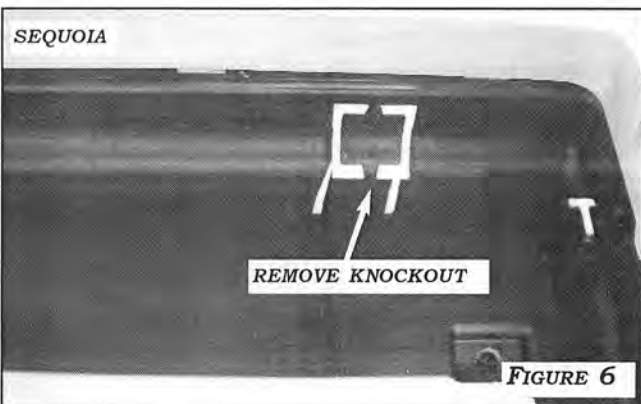
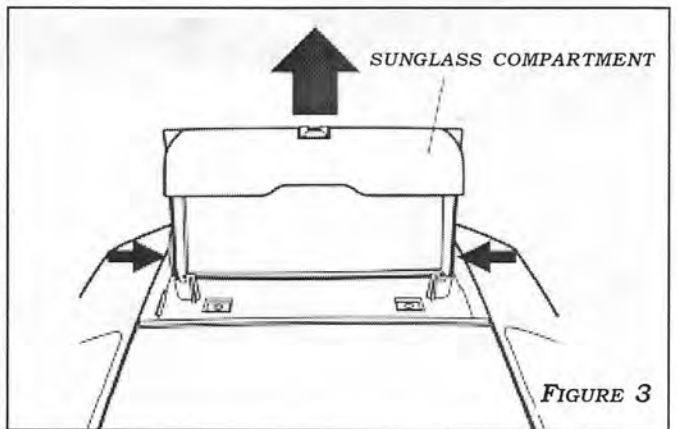
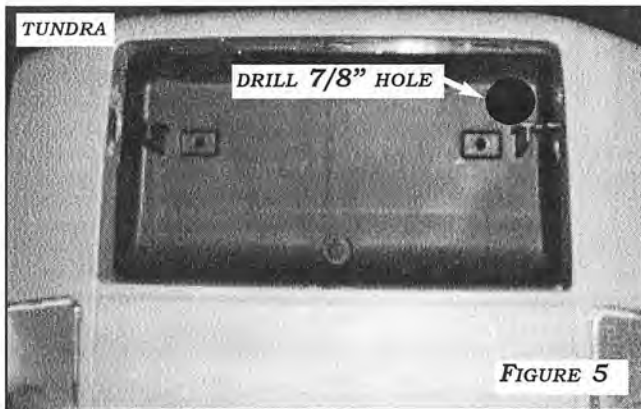
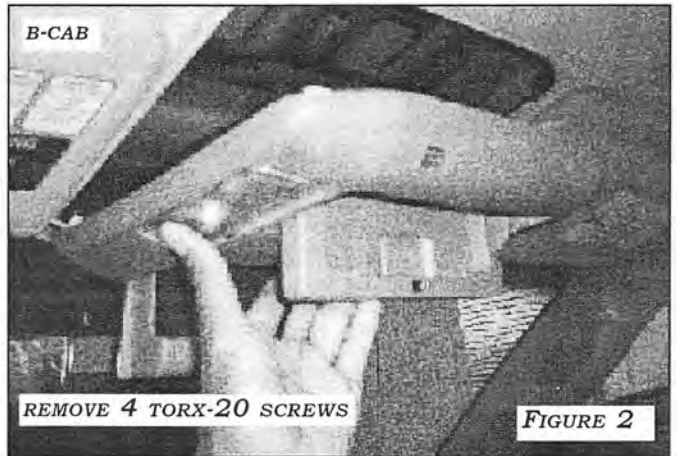
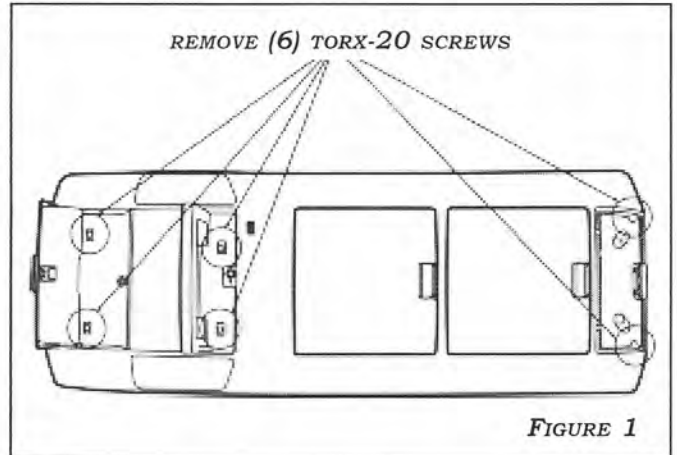


1. Remove the overhead console by removing six (6) Torx-20 screws behind the sunglasses, business card holders, and dome light area. **FIGURE 1.** Note: The console for a truck with a sunroof and other trim levels and cab configurations use **FIGURE 2.** Disconnect dome light harness from front of overhead console.

2. Release pivot points in sunglass compartment and remove from overhead console. **FIGURE 3.** Remove sunglass compartment deployment dampener by depressing both tabs and pushing dampener through side of console. **FIGURE 4**

3. For **07 TUNDRA**, drill a 7/8" or 22mm hole in right corner as shown in **FIGURE 5.** Carefully de-burr the hole. For **08 SEQUOIA**, cut tabs and remove knockout. **FIGURE 6**

4. Dislodge the white 12-pin vehicle connector from the holding clips shown in **FIGURE 7.**



INSTALLATION

ROUTING HARNESS AND POWER CONNECTIONS



1. CONNECT DOME LIGHT HARNESS PREVIOUSLY DISCONNECTED. ROUTE THE VEHICLE 12-PIN CONNECTOR THROUGH DRILLED HOLE IN CONSOLE. CONNECT MONITOR HARNESS TO FACTORY HARNESS. WRAP THE CONNECTORS WITH THE SUPPLIED FOAM TAPE. FIGURES 8,9. BE SURE TO TAPE THE UNUSED WHITE AND BLACK WIRES FROM MONITOR HARNESS WITH ELECTRICAL TAPE. FIGURE 10

INSTALLING REARSIGHT MONITOR



1. TO INSTALL MONITOR ASSEMBLY INTO OVERHEAD CONSOLE: START WITH REAR EDGE "HOOK" TABS ON MONITOR HOUSING INTO OVERHEAD CONSOLE. FIGURE 11. THEN PRESS SIDE TABS INWARD AND PUSH FRONT OF MONITOR ASSEMBLY UNTIL IT LOCKS INTO POSITION. FIGURES 12,13

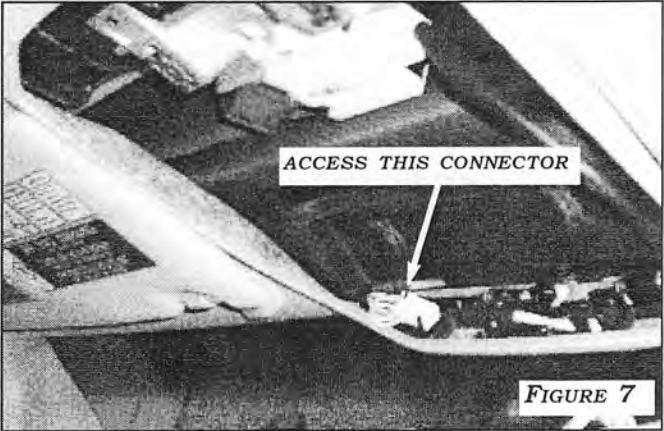


FIGURE 7

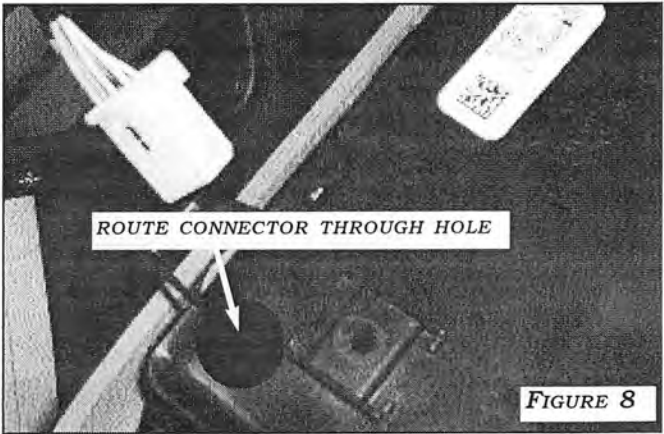


FIGURE 8

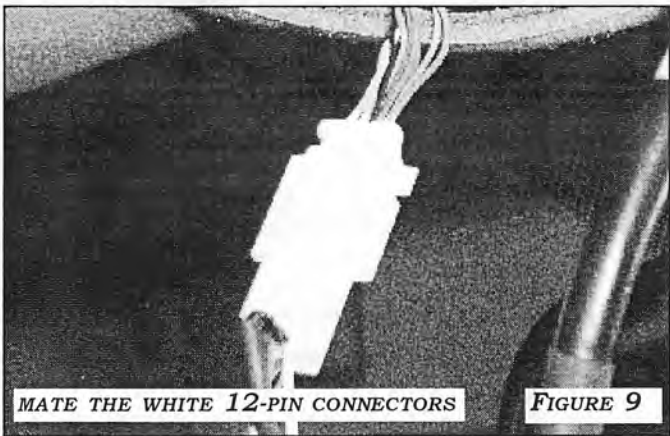


FIGURE 9

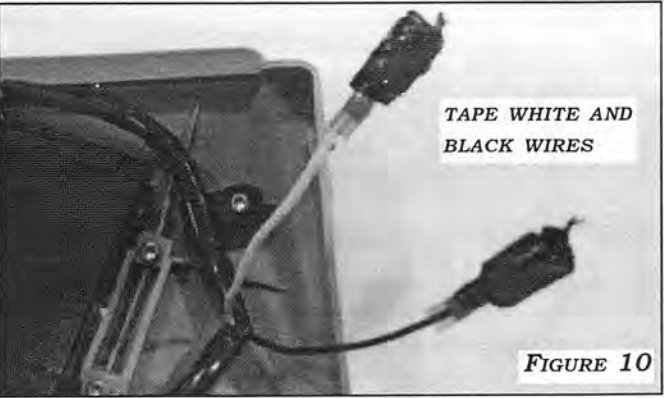


FIGURE 10

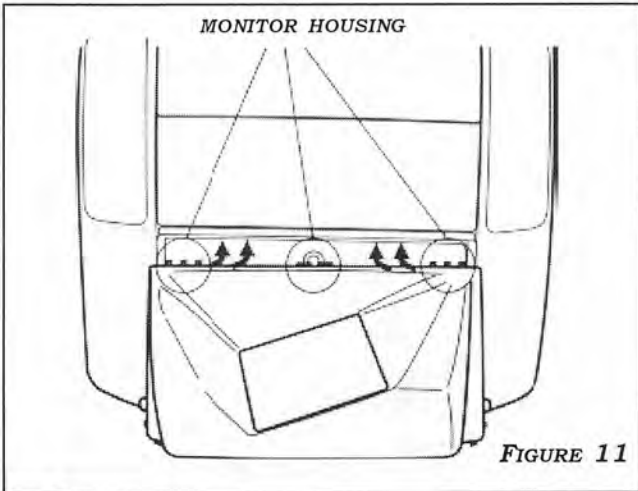


FIGURE 11

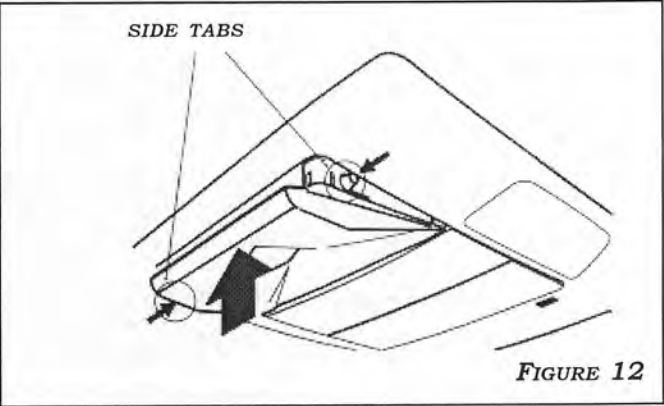


FIGURE 12

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 MONITOR 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 HARNESSES 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.



FIGURE 13

NOTES

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