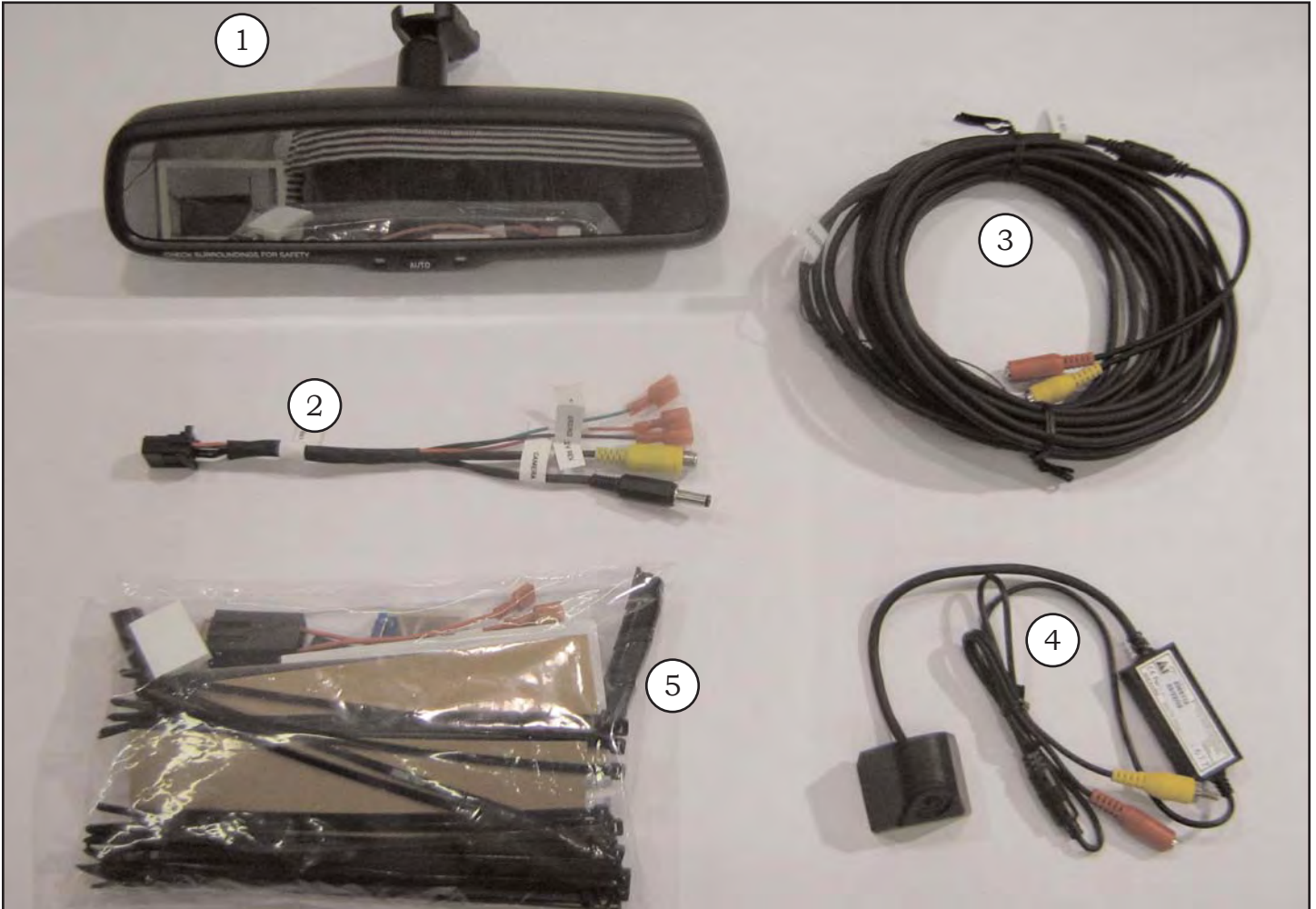


PARTS IDENTIFICATION

ITEM	QUANTITY	PART NUMBER	DESCRIPTION
1	1	00016-00085-01	2.4" REARSIGHT MIRROR
2	1	00016-00085-02	MIRROR ADAPTER HARNESS
3	1	00016-00040-04	CAMERA EXTENSION HARNESS
4	1	00016-00040-02	REAR CAMERA ASSEMBLY
5	1	00016-00040-03	SACK PARTS: TIE STRAPS, T-TAPS, SEALING PUTTY



***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. LOOSEN **Torx-20** WINDSHIELD LUG MOUNT SCREW AND REMOVE EXISTING REARVIEW MIRROR. **FIGURE 1**

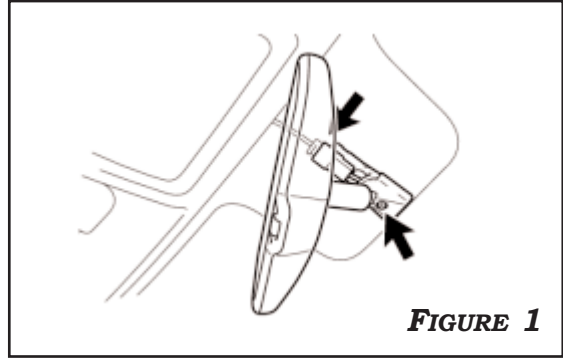


FIGURE 1

2. USE A TRIM TOOL TO DISENGAGE THE 4 CLIPS AND DISCONNECT THE CONNECTOR TO REMOVE THE MAP LIGHT ASSEMBLY. **FIGURE 2**

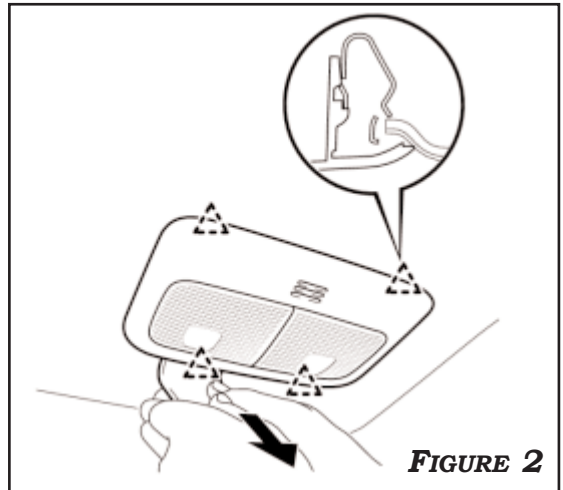


FIGURE 2

3. DISENGAGE THE 8 CLIPS AND REMOVE THE DRIVER SIDE DOOR SCUFF PLATE. DISENGAGE THE CLIP AND GUIDE, AND REMOVE THE KICK PANEL. **FIGURE 3**

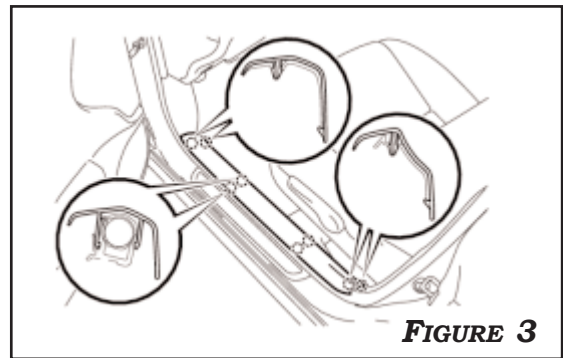


FIGURE 3

4. DISENGAGE CLIPS AND DISCONNECT EACH CONNECTOR TO REMOVE THE LOWER INSTRUMENT FINISH PANEL. **FIGURE 4**

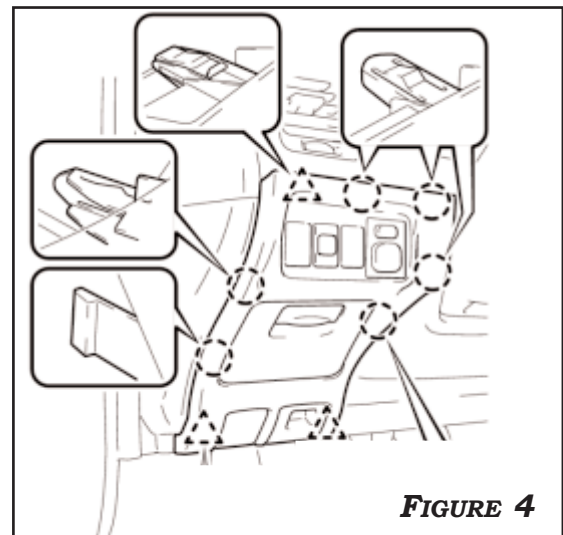


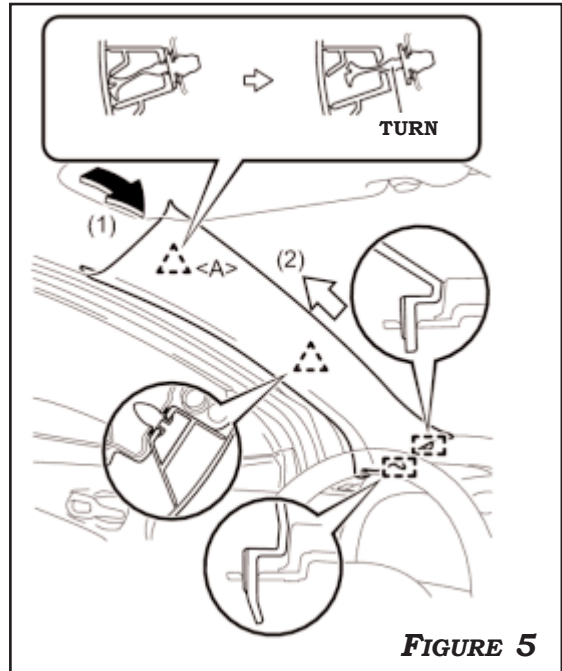
FIGURE 4

VEHICLE PREPARATION

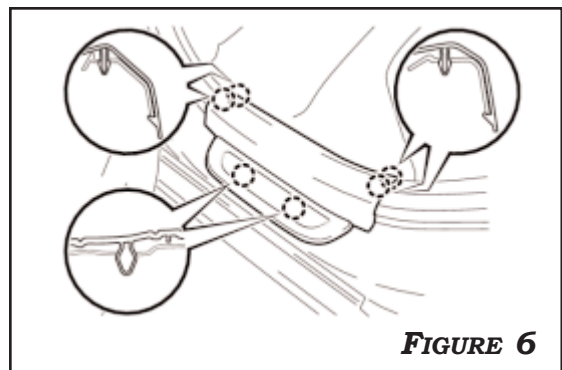
VEHICLE PREPARATION CONTINUED...



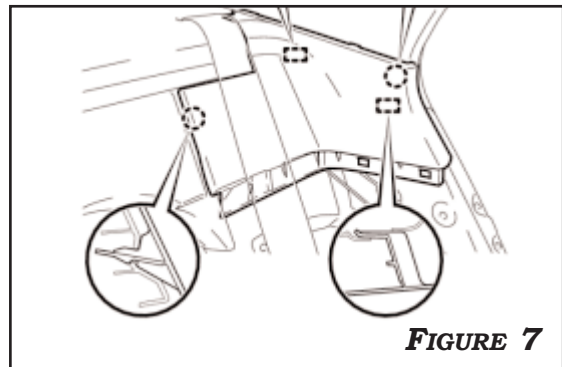
5. USE NEEDLE NOSE PLIERS TO TURN AND RELEASE CLIP A. DISENGAGE 2 CLIPS TO REMOVE THE LEFT FRONT PILLAR. **FIGURE 5**



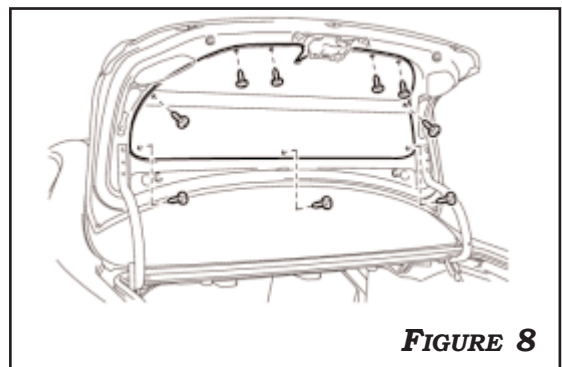
6. DISENGAGE THE 6 CLIPS AND REMOVE THE LEFT REAR DOOR SCUFF PLATE. **FIGURE 6**



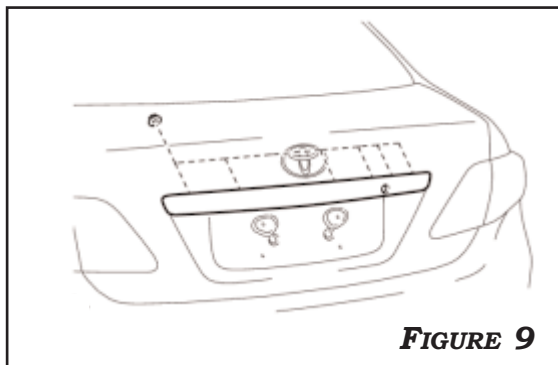
7. DISENGAGE THE CLIPS AND REMOVE THE LEFT ROOF SIDE INNER GARNISH BOARD. **FIGURE 7**



8. REMOVE THE 9 CLIPS AND LUGGAGE COMPARTMENT DOOR COVER. **FIGURE 8**



9. REMOVE (6) 10MM NUTS AND DISENGAGE THE CLIPS TO REMOVE THE LUGGAGE COMPARTMENT DOOR OUTSIDE GARNISH SUB-ASSEMBLY. **FIGURE 9**



INSTALLATION

INSTALLING MONITOR/MIRROR



1. MOUNT REARSIGHT MIRROR ON EXISTING WINDSHIELD LUG AND TIGHTEN SCREW. **FIGURE 10**

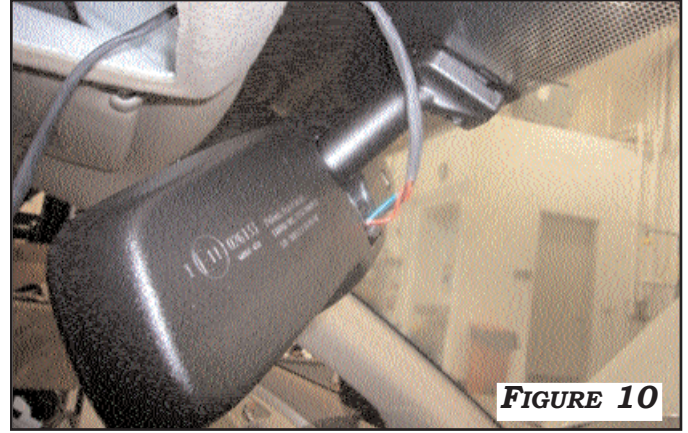


FIGURE 10

2. ROUTE MIRROR HARNESS UP WINDSHIELD AND BEHIND THE HEADLINER TO CONSOLE OPENING. ROUTE THE END OF THE CAMERA EXTENSION HARNESS MARKED "TO MIRROR" WITH THE MALE CONNECTORS UP THE CENTER OF THE WINDSHIELD AND BEHIND HEADLINER TO THE CONSOLE OPENING. **FIGURE 11**

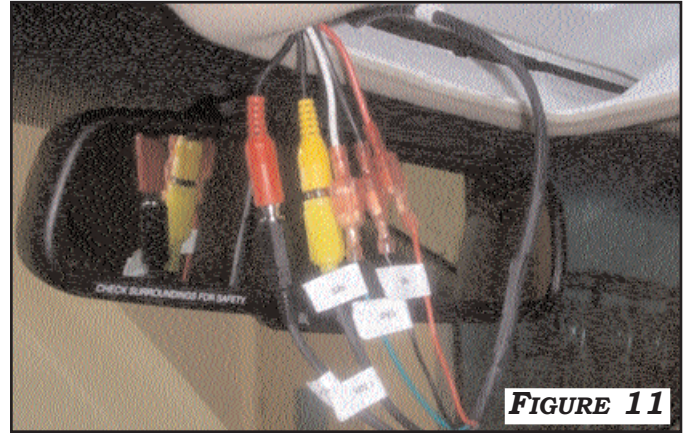


FIGURE 11

3. CONNECT **MALE RCA** VIDEO CONNECTOR OF CAMERA EXTENSION HARNESS TO **VIDEO** INPUT (YELLOW CONNECTOR) OF MIRROR HARNESS. CONNECT **MALE DC** POWER CONNECTOR OF CAMERA EXTENSION HARNESS TO CAMERA **POWER** OUTPUT (BLACK CONNECTOR) OF REARSIGHT MIRROR HARNESS. CONNECT RED, WHITE, AND BLACK WIRES OF POWER EXTENSION HARNESS AS SHOWN IN **FIGURE 11**. WRAP ALL **RCA** AND **DC** CONNECTORS WITH THE FOAM TAPE PROVIDED. **FIGURE 12**

ROUTING HARNESSES AND POWER CONNECTIONS



1. ROUTE **CAMERA EXTENSION HARNESS** AND **MIRROR POWER HARNESS** (RED, BLACK AND WHITE WIRES) ABOVE HEADLINER TO DRIVER-SIDE A-PILLAR. ROUTE HARNESSES DOWN THE A-PILLAR USING THE FACTORY RETAINING CLIPS OR FOAM TAPE WHENEVER POSSIBLE. IF THE VEHICLE HAS SIDE CURTAIN AIRBAGS, BE SURE TO SECURE THE HARNESS SO THAT IT DOES NOT INTERFERE WITH AIRBAG DEPLOYMENT. ROUTE THE HARNESSES FROM THE A-PILLAR TO THE KICK PANEL. **FIGURE 13**

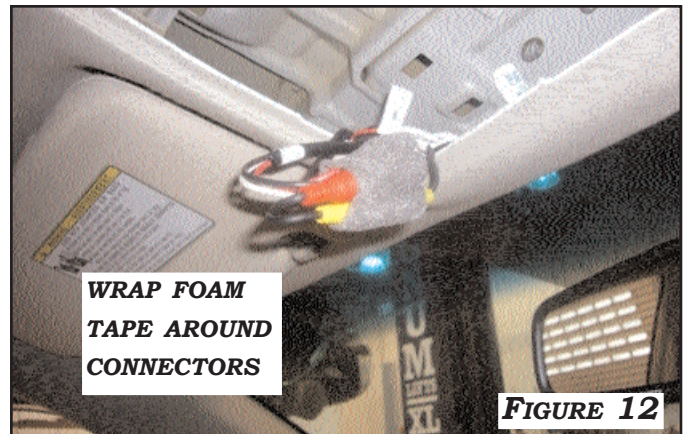


FIGURE 12

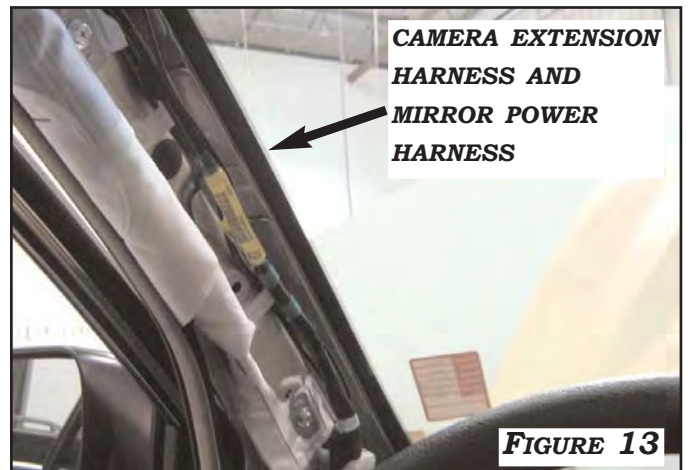
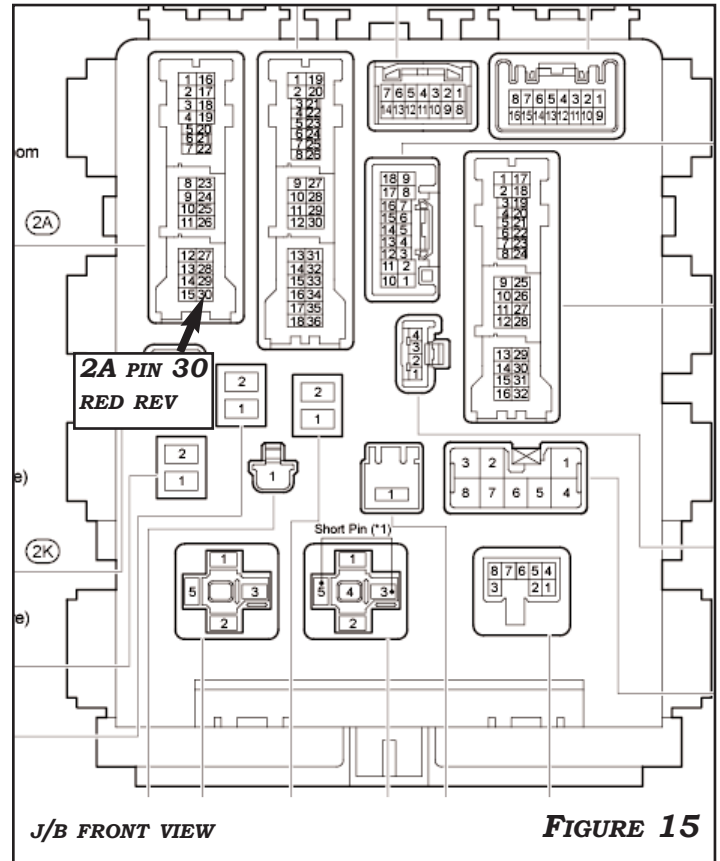
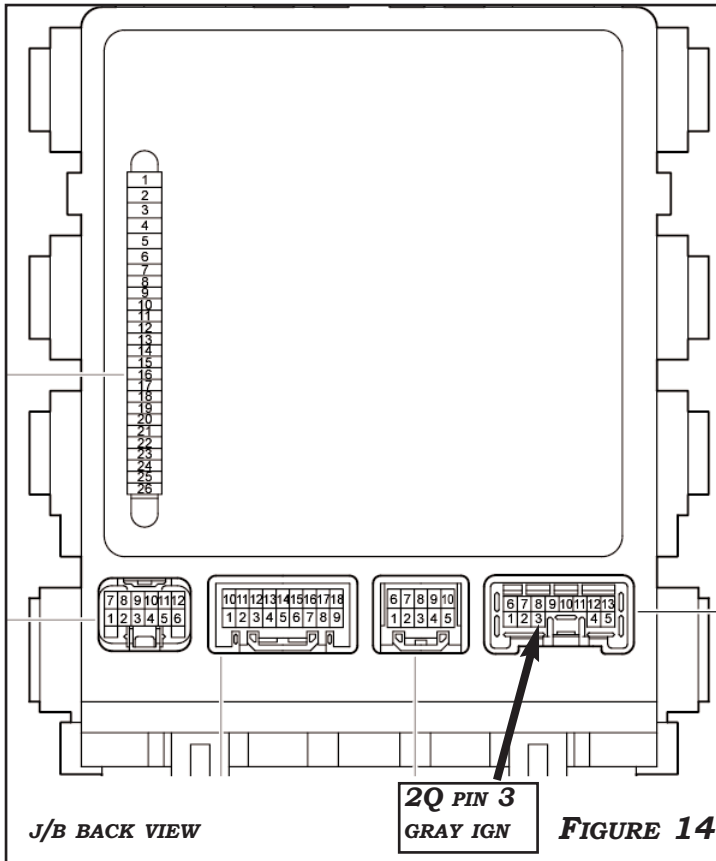


FIGURE 13

INSTALLATION

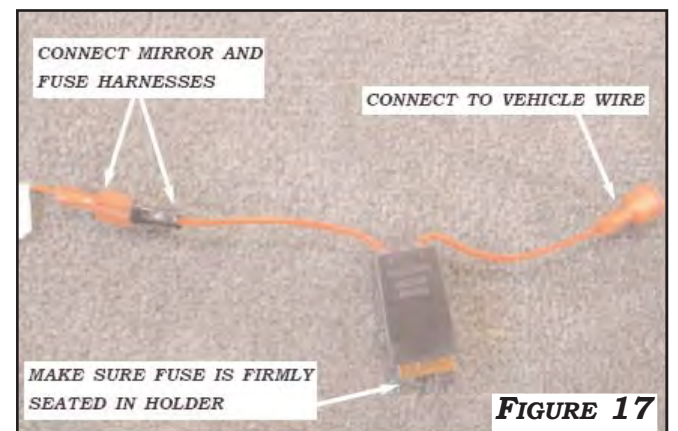
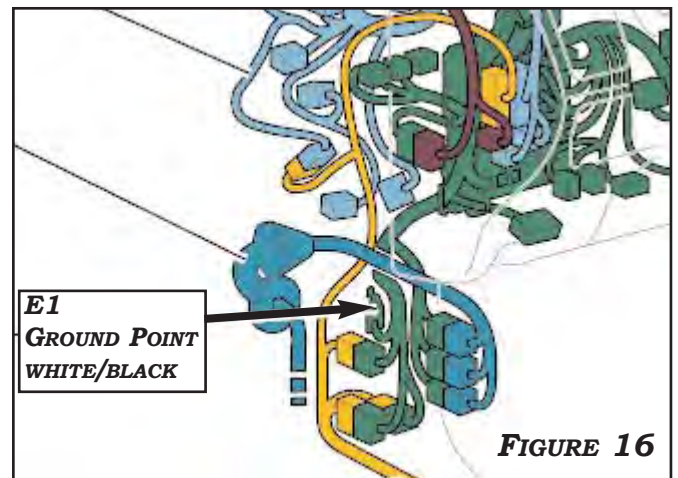


ROUTING HARNESSES AND POWER CONNECTIONS CONTINUED...



2. LOCATE WHITE CONNECTOR **2Q** AT THE DRIVER SIDE JUNCTION BOX BACK VIEW. USE THE SUPPLIED RED T-TAP CONNECTOR TO CONNECT THE **RED IGNITION WIRE** OF THE **MIRROR POWER HARNESS** TO THE **GRAY WIRE** IN **PIN 3** OF WHITE CONNECTOR **2Q** (POWER OUTLET CIRCUIT). **USE THE SUPPLIED FUSE HARNESS BETWEEN THE RED IGNITION WIRE OF THE MIRROR POWER HARNESS AND GRAY WIRE OF VEHICLE.** USE A RED T-TAP TO CONNECT THE **BLACK GROUND WIRE** OF THE MIRROR POWER HARNESS TO THE **WHITE/BLACK WIRE** IN **GROUND POINT E1**. LOCATE WHITE CONNECTOR **2A** AT THE JUNCTION BOX FRONT VIEW. USE THE SUPPLIED RED T-TAP CONNECTOR TO CONNECT THE **WHITE REVERSE WIRE** OF THE **MIRROR POWER HARNESS** TO THE **RED WIRE** IN **PIN 30** OF CONNECTOR **2A** (BACK UP CIRCUIT). SECURE ALL HARNESSES WITH WIRE TIES. **FIGURES 14-17**

3. ROUTE THE CAMERA EXTENSION HARNESS FROM THE KICK PANEL UNDER THE DOOR SILL TRIM, BEHIND B-PILLAR TRIM, UNDER THE REAR DOOR SILL TRIM AND BENEATH/BEHIND THE DRIVER REAR SEAT BOLSTER TO THE TRUNK. USE THE FACTORY WIRE CHANNELS AND RETAINING CLIPS. ROUTE THE HARNESS UP THE LEFT TRUNK HINGE TO THE TRUNK LID AND THE AREA BEHIND THE LICENSE PLATE. FOLLOW THE FACTORY HARNESSES WHERE POSSIBLE. SECURE THE HARNESS WITH WIRE TIES OR FOAM TAPE. **FIGURES 18-19**



INSTALLATION

MOUNTING CAMERA AND PCB



NOTE: INSTALLATION TEMPERATURE

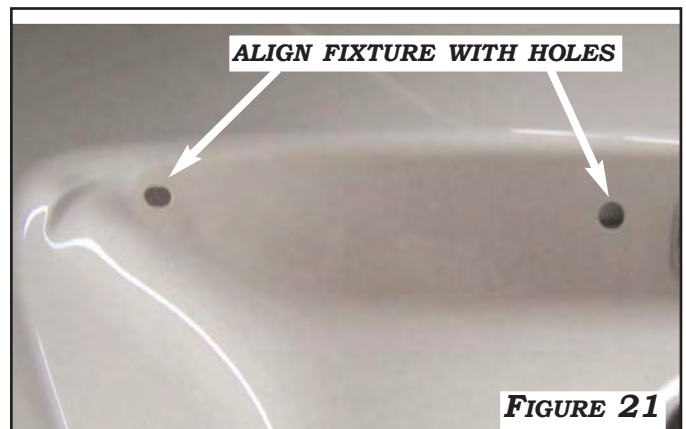
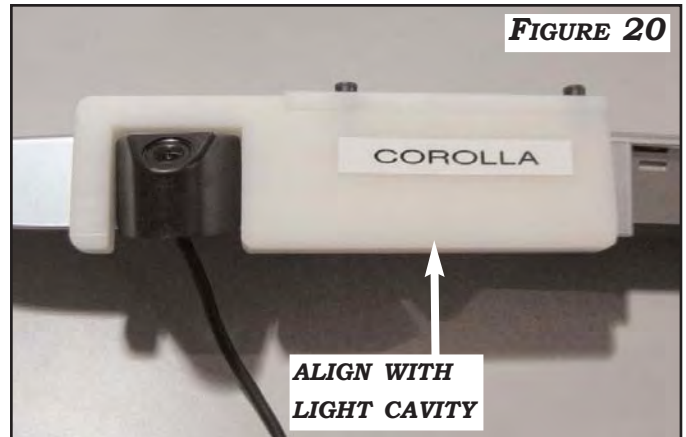
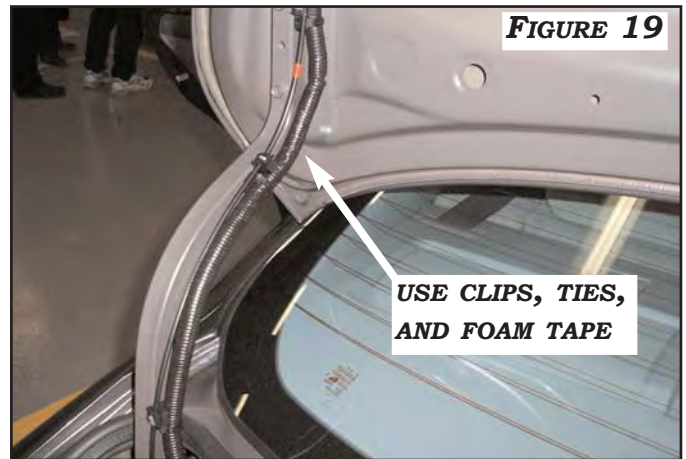
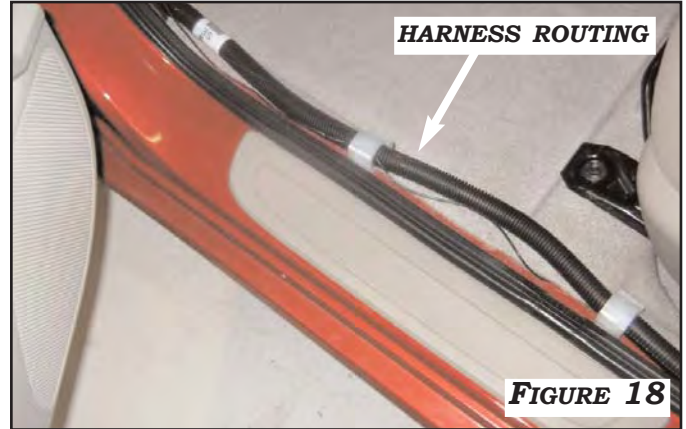
SURFACE TEMPERATURE MUST BE BETWEEN 70 DEGREES F AND 110 DEGREES F FOR OPTIMUM INSTALLATION.

1. CLEAN THE LEFT SIDE OF THE BOTTOM OF THE LICENSE PLATE TRIM PIECE WITH ALCOHOL. ATTACH THE REARSIGHT COROLLA REAR CAMERA MOUNTING FIXTURE TO THE TRIM PIECE USING THE LEFT LICENSE PLATE LIGHT CAVITY AS A GUIDE AS SHOWN IN **FIGURE 20**. **NOTE: DIO CAMERA TEMPLATE IS ON PAGE 9**. PEEL THE CLEAR LINER OFF OF THE DOUBLE-SIDED TAPE ON THE CAMERA ASSEMBLY AND MOUNT THE ASSEMBLY TO THE TRIM PIECE USING THE FIXTURE FOR ALIGNMENT. BE SURE TO PUSH THE CAMERA ASSEMBLY FIRMLY INTO THE GAP IN THE FIXTURE, AND PRESS DOWN FIRMLY ON THE TRIM PIECE FOR FIVE SECONDS BEFORE RELEASING. REMOVE THE MOUNTING FIXTURE FROM THE TRIM PIECE AND SET BOTH ASIDE.

2. USE THE COROLLA TRUNK LID DRILLING FIXTURE TO LOCATE AND DRILL A 1/4" PILOT HOLE AS SHOWN IN **FIGURES 21-22**. THEN USE A 1-1/16" HOLE SAW TO CUT A LARGER HOLE VIA THE PILOT HOLE AS SHOWN IN **FIGURE 23**. DEBURR THE HOLE AND COAT THE EDGE WITH APPROVED SILICONE SEALANT.

3. CUT A SLIT FROM THE CENTER TO THE EDGE OF THE SUPPLIED 1.25" RUBBER GROMMET. SLIDE THE GROMMET ONTO THE CAMERA HARNESS BETWEEN THE CAMERA ASSEMBLY AND IN-LINE PCB. MOUNT THE GROMMET TO THE HOLE AS SHOWN IN **FIGURE 24**. ADD THE SUPPLIED SEALING PUTTY TO THE HOLE IN THE GROMMET AROUND THE HARNESS. USING THE SUPPLIED 1x2" PIECE OF DOUBLE-SIDED TAPE, MOUNT THE PCB TO THE INSIDE OF THE TRUNK LID AS SHOWN IN **FIGURE 25**. BE SURE TO CLEAN THE MOUNTING SPOT WITH AN ALCOHOL PAD FIRST.

4. CONNECT **RCA** CONNECTOR AND **DC POWER** CONNECTOR OF CAMERA HARNESS TO THE EXTENSION HARNESS. WRAP **RCA** AND **DC** CONNECTORS WITH FOAM TAPE PROVIDED. PROPERLY BUNDLE AND SECURE EXCESS HARNESS INSIDE OF REAR DOOR. BE SURE HARNESS IS NOT BINDING AND IS CLEAR OF MOVING PARTS.



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.

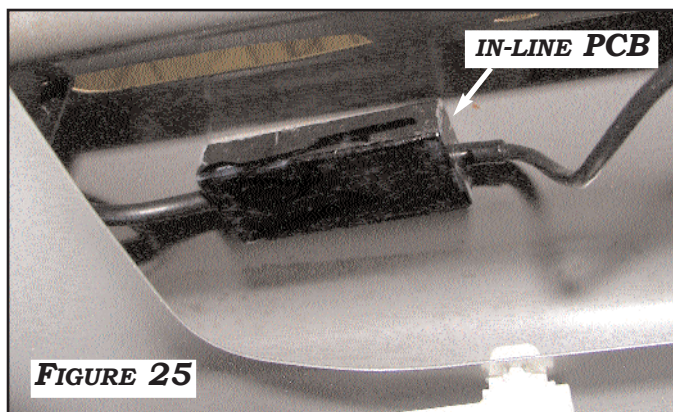
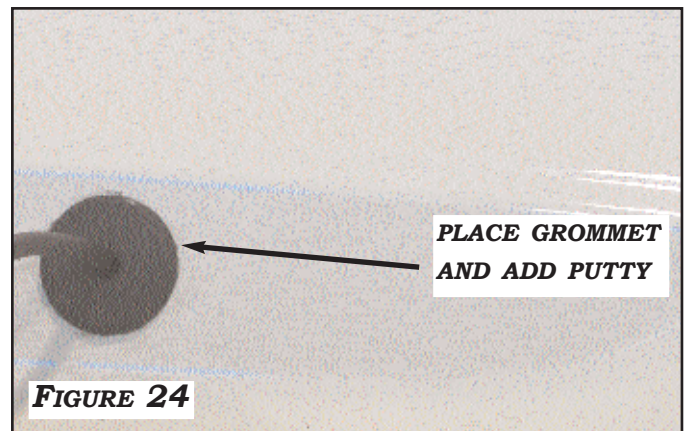
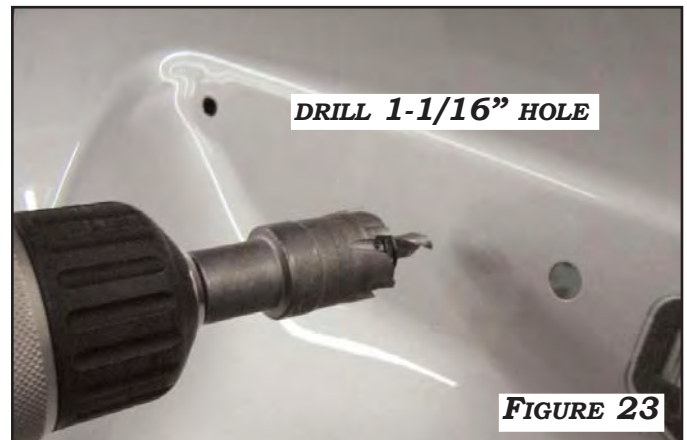
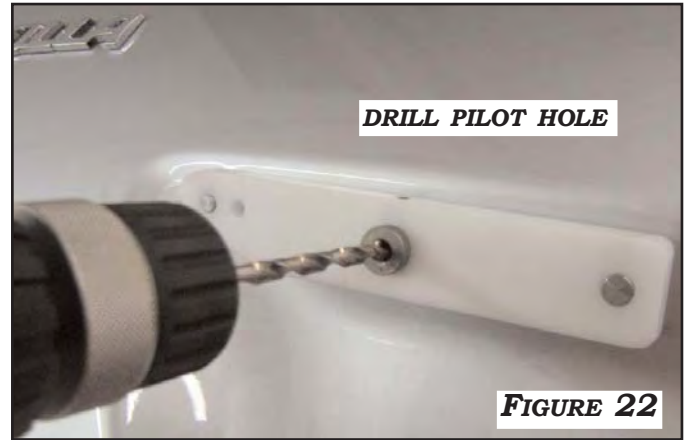
REASSEMBLY

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

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

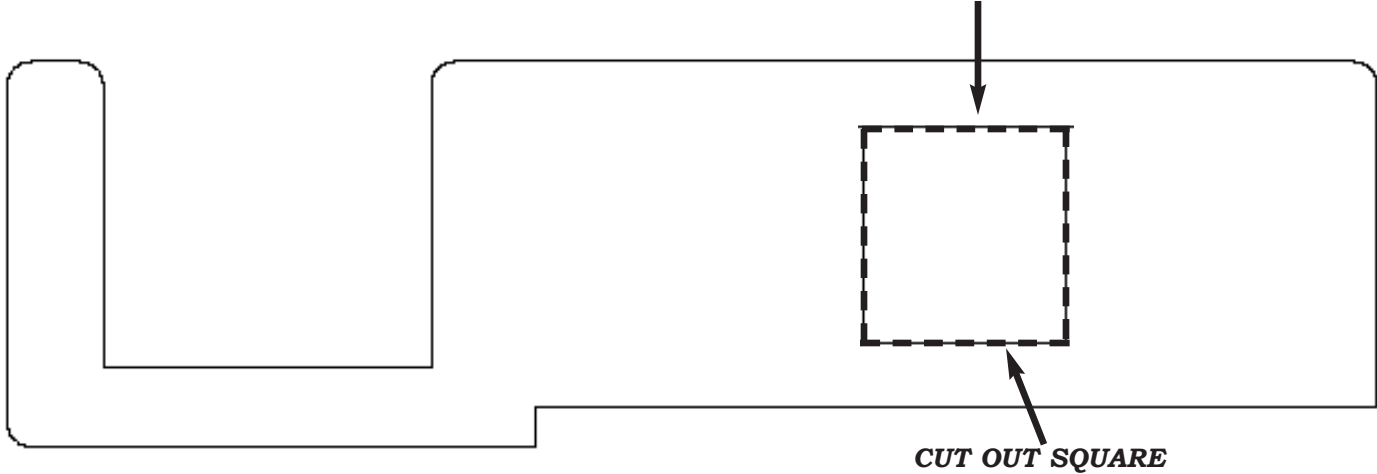
3. PLACE THE OWNER'S CARD IN THE GLOVE BOX.

4. RECONNECT ALL DISCONNECTED BULBS AND CHECK FOR FUNCTION.



CAMERA TEMPLATE

*ALIGN WITH LEFT LICENSE
PLATE LIGHT CAVITY*





CHECK: _____

LOOK FOR: _____

ACCESSORY FUNCTION CHECKS

**TURN THE IGNITION SWITCH ON
AND PUT VEHICLE IN REVERSE**

**VERIFY 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 REVERSE**

**RADIO OPERATION (CHECK BY PLACING VEHICLE
IN REVERSE GEAR)**

RADIO SHOULD OPERATE NORMALLY

VEHICLE FUNCTION CHECK

AFTER ALL PANELS, COVERS, AND COMPONENTS HAVE BEEN REINSTALLED, THAT WERE REMOVED, TEST THOROUGHLY, ALL MECHANICAL AND ELECTRICAL COMPONENTS DISCONNECTED AND OR REMOVED FROM THE VEHICLE DURING THE INSTALLATION OF THIS ACCESSORY.