KIT CONTENTS

Ітем	QTY	DESCRIPTION	
1	1	CONTROL MODULE	
2	1	Switch	
3	1	MICROPHONE	
4	1	Audio/Power Harness	
5	1	Wire Ties	
6	1	2.25" X 2.25" Velcro	
7	1	.75" X .50" Double Sided Tape	
8	1	FOAM TAPE	
9	1	CONVOLUTED TUBING	
10	1	Operation Instructions	

HARDWARE BAG CONTENTS

ITEM	Qтч	Description	

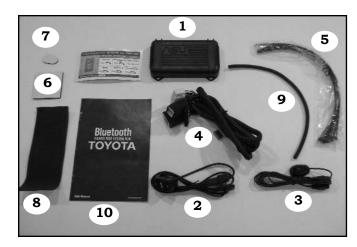
Additional Items Required for Install

ITEM	Q TY	DESCRIPTION	

CONFLICTS

RECOMMENDED TOOLS

Personal & Vehicle Protection				
Safety Glasses				
Fender Cover				
GLOVES (OPTIONAL)				
SPECIAL TOOLS				
BATTERY POST PROTECTOR				
Installation Tools				
TRIM REMOVAL TOOL				
PHILLIPS SCREWDRIVER				
10мм Ѕоскет				
3/4" Drive Wrench				
SPECIAL CHEMICALS				



GENERAL APPLICABILITY

07-09 Camry, 09- Corolla, 06-09 Highlander, 09- Matrix, 07-09 Rav4, 08 Sequoia, 07-09 Tundra, 09 Venza, 07-09 Yaris, 07-09 4Runner, 07-09 FJ, 07-09 Tacoma, RX 350

SERVICE PARTS

ITEM	Part#	DESCRIPTION
	250-7501	Switch for -TY1, -TY4
	250-7502	Switch for -TY2, -TY6
	250-7503	Switch for -TY3, -TY5
	250-7507	MICROPHONE ASSEMBLY
	250-7508	CONTROL MODULE

LEGEND



STOP: DAMAGE TO VEHICLE MAY OCCUR. DO NOT PROCEED UNTIL PROCESS COMPLIANCE HAS BEEN MET.



 $\underline{\text{\bf OPERATOR SAFETY:}}$ 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.

 $\underline{\textbf{Vehicle Protection:}}$ This calls out for protection of vehicle required for this process.

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 OHALTY.

NEGATIVE BATTERY CABLE REMOVAL

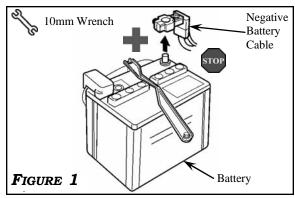


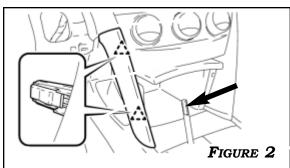
CAUTION: It is advisable to disconnect the negative battery cable for 90 seconds before beginning installation to avoid unintended air bag deployment Failure to head this warning may result in airbag discharge and may cause serious injury or death. Figure 1

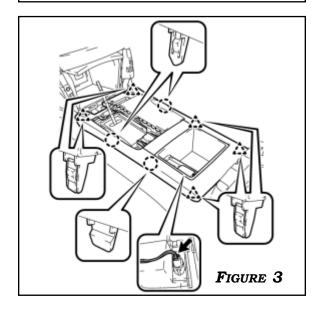
CAMRY PREPARATION:

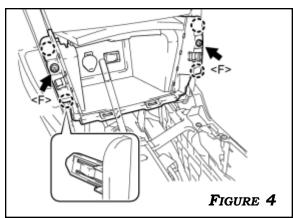


- 1. Turn the shift lever knob counterclockwise and remove the shift lever knob sub-assembly. Disengage the 4 clips and remove the left finish panel garnish from the center console. Repeat the same steps to remove the right finish panel garnish. Figure 2
- **2.** Disengage the 3 claws and the 5 clips. Disconnect the connector and remove the upper console rear panel subassembly. **Figure 3**
- **3.** Remove 2 screws and disengage 4 claws. Disconnect each connector and remove the upper console panel subassembly. **Figure 4**





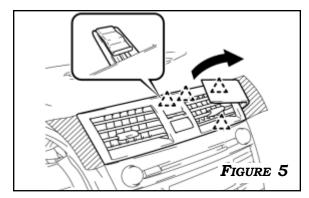


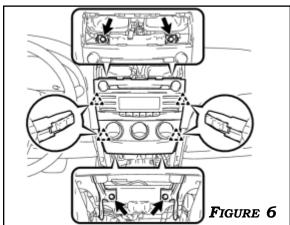


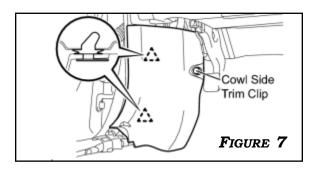
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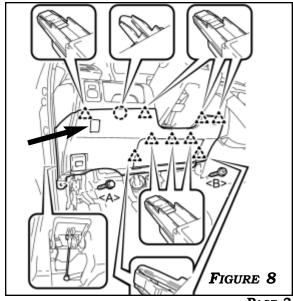


- **4.** Using a trim tool remover, disengage the 4 clips. **Use PROTECTIVE TAPE TAPE IN THE AREAS SHOWN IN THE PICTURE.** DISCONNECT THE CONNECTOR AND REMOVE THE INSTRUMENT PANEL REGISTER ASSEMBLY. **FIGURE 5**
- **5.** Remove the (4) 10mm bolts. Pull the radio receiver with heater control panel assembly toward the rear of the vehicle and disengage the 4 clips. **Figure 6**
- **6.** Remove the cowl side trim clip. Disengage the 2 clips and remove the left cowl side trim sub-assembly. **Figure 7**
- 7. Remove the bolt <A> and the screw . Disconnect the hood lock control cable assembly and connector. Disengage the claw and the 9 clips to remove the lower instrument finish panel. Press in tabs to remove the switch blank plug. Figure $\bf 8$









COROLLA/MATRIX PREPARATION:



COROLLA:

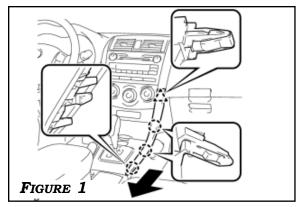
1. Disengage the 3 claws and clip, and then remove the right lower instrument finish panel. Repeat the same steps to remove the left lower instrument finish panel.

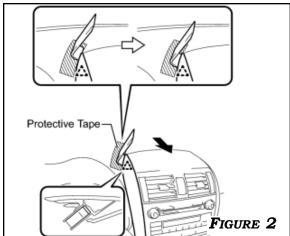
FIGURE 1

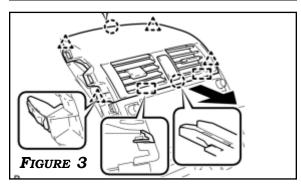
- 2. APPLY PROTECTIVE TAPE TO THE AREA SHOWN IN THE PICTURE. INSERT A TRIM REMOVER TOOL AND SLIDE IT TOWARD THE CLIP. PULL THE REMOVER WITH BOTH HANDS TO DISENGAGE THE CLIP AS SHOWN IN THE ILLUSTRATION. DISENGAGE THE 2 CLAWS AND CLIP, AND REMOVE THE LEFT INSTRUMENT FINISH PANEL. REPEAT THE SAME STEPS TO REMOVE THE RIGHT INSTRUMENT FINISH PANEL. FIGURE 2
- **3.** Disengage the 2 claws, 4 clips, and 2 guides. Disconnect the connectors and remove the center instrument panel register assembly. **Figure 3**

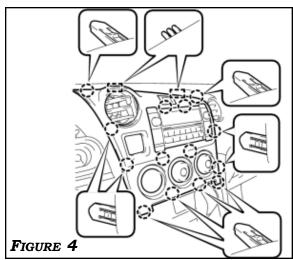


4. Disengage the 14 claws and 2 guides. Disconnect each connector and remove the center instrument cluster finish panel sub-assembly. **Figure 4**









COROLLA/MATRIX PREPARATION:

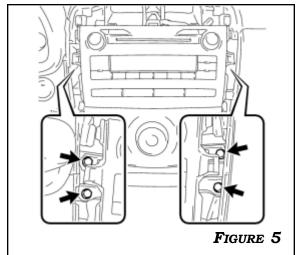


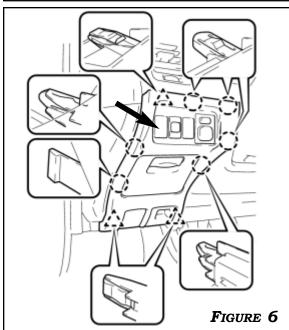






- **5.** Remove the (4) 10mm bolts. Pull the radio receiver WITH BRACKET TOWARD THE REAR OF THE VEHICLE AND DISENGAGE THE 4 CLIPS. PULL THE RADIO RECEIVER TOWARD THE REAR OF THE VEHICLE AND DISENGAGE THE 4 CLIPS. FIGURE 5
- 6. DISENGAGE THE 6 CLAWS AND 3 CLIPS. DISCONNECT EACH CONNECTOR AND REMOVE THE LOWER INSTRUMENT PANEL FINISH PANEL ASSEMBLY. PRESS IN TABS TO REMOVE THE SWITCH BLANK PLUG. FIGURE 6

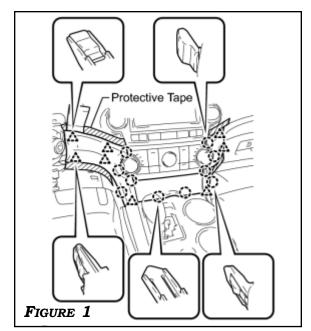


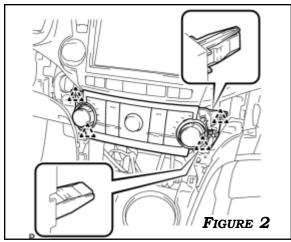


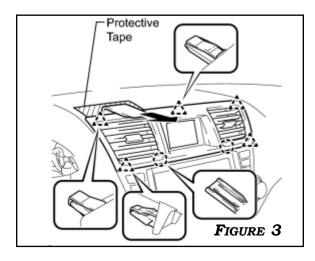
HIGHLANDER PREPARATION:



- 1. Apply protective tape to the areas shown in the illustration. Using a moulding remover, disengage the 10 claws and 8 clips starting from the upper part of the center instrument cluster finish panel assembly. Do not pull on the small storage compartment Lid. Doing so may cause damage. Disconnect each connector and remove the center instrument cluster finish panel assembly. Figure 1
- **2.** Disengage the 4 clips and remove the heater control and accessory assembly. **Figure 2**
- 3. Use protective tape tape in the areas shown in the illustration. Using a moulding remover, disengage the 2 claws and 5 clips, and then remove the center instrument panel register assembly as shown in the illustration. Figure 3







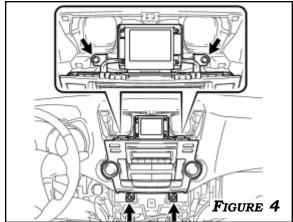
HIGHLANDER PREPARATION: CONTINUED...

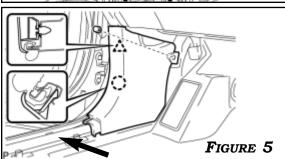


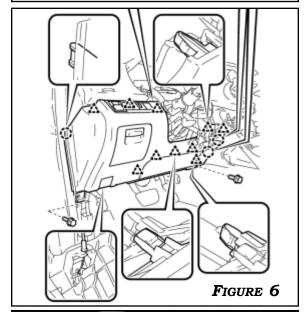
4. Remove the (4) 10mm bolts. Pull the radio receiver assembly with bracket toward the rear of the vehicle and disengage the 4 clips. Disconnect each connector and remove the radio receiver assembly with bracket.

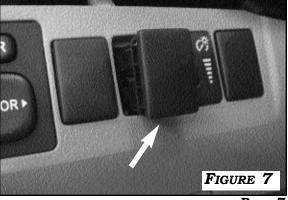
FIGURE 4

- **5.** Disengage the 8 claws and guide, and remove the left front door scuff plate. Remove the clip. Disengage the clip and claw, and remove the left cowl side trim subassembly. **Figure 5**
- **6.** Remove the 2 bolts. Disengage the 3 claws and 10 clips. Disconnect each connector, the hood lock control cable assembly, and remove the lower instrument panel finish panel sub-assembly. **Figure 6**
- **7.** Press in tabs to remove the switch blank plug as shown in Figure 7.





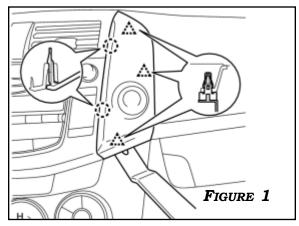


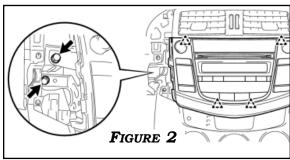


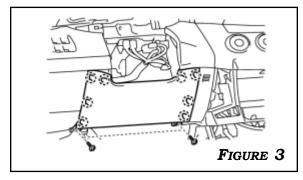
RAV4 PREPARATION:

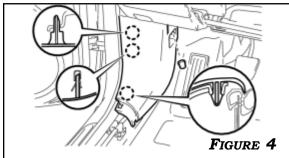


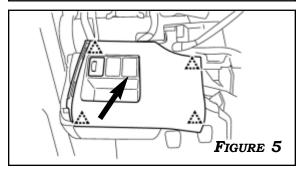
- 1. Using a moulding remover, detach the 3 clips and 2 claws, and then remove the right cluster finish panel. Repeat the same steps to remove the left cluster finish panel. Disconnect the connector. Figure 1
- ${f 2.}$ Remove the 4 bolts and detach the 4 claws. Disconnect all the connectors and remove the radio receiver with bracket. Figure ${f 2}$
- **3.** Remove the 2 screws with a screwdriver, and detach the 8 claws to remove the lower instrument panel finish panel. **Figure 3**
- **4.** Using a moulding remover, detach the 10 claws and remove the scuff plate. Remove the cap nut. Then, detach the 3 claws and remove the left cowl side trim board. **Figure 4**
- **5.** Using a moulding remover, detach the 4 clips. Disconnect the connectors, and remove the switch hole base. Press in tabs to remove the switch blank plug. **Figure 5**







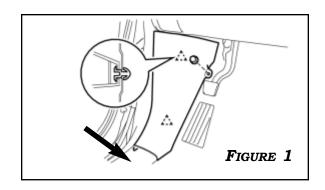


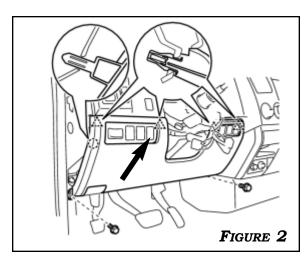


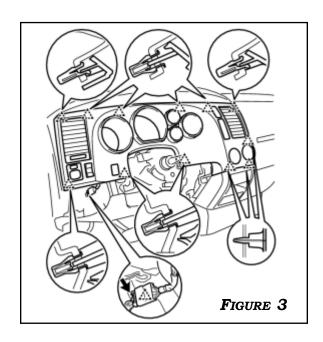
SEQUOIA/TUNDRA PREPARATION:



- 1. Detach the 6 claws and 3 clips, and remove the scuff plate. Remove the cap nut. Detach the 2 clips and remove the left cowl side trim board. Figure ${\bf 1}$
- **2.** Remove the hood lock control lever. Remove the 2 bolts and detach the 4 clips and claw. Remove the lower finish panel assembly and then disconnect the connectors. Press in tabs to remove the switch blank plug. **Figure 2**
- **3.** Disconnect the connector and clamp. Detach the 12 clips and remove the instrument cluster finish panel. **Figure 3**







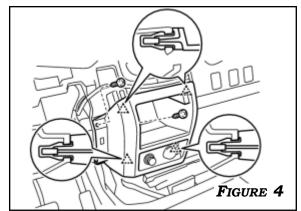
SEQUOIA/TUNDRA PREPARATION:

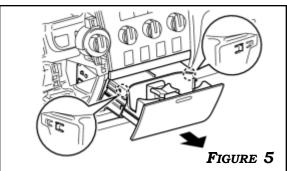


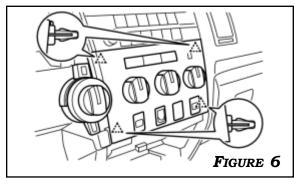
- **4.** Remove the 2 screws and Detach the 4 clips. Remove the lower instrument cluster finish panel and then disconnect the connectors. **Figure 4**
- **5.** Detach the 2 claws and remove the door box of the cup holder assembly. **Figure 5**
- **6.** DETACH THE 4 CLIPS AND REMOVE THE INTEGRATION CONTROL PANEL AND THEN DISCONNECT THE CONNECTORS.

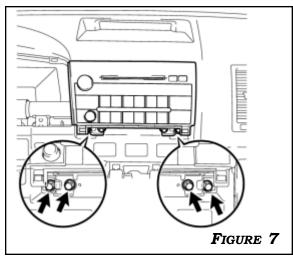
FIGURE 6

7. Remove the 4 bolts. Pull the radio receiver to detach the 3 clips on the backside of the radio receiver. Disconnect the connectors and remove the radio receiver. **Figure 7**





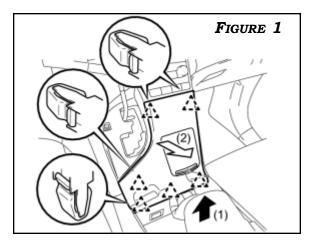


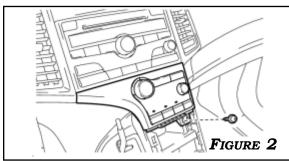


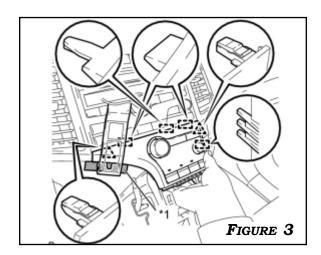
VENZA PREPARATION:

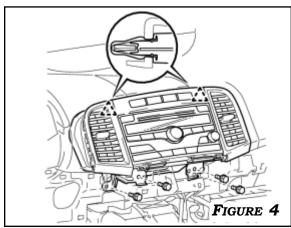


- $1.\ \mbox{Pull}$ the upper console panel sub-assembly in the direction indicated by the arrow to disengage the 6 clips and remove it. Figure 1
- **2.** Remove the screw. Apply protective tape to the area shown in the picture. Using a moulding remover, disengage the 2 clips and 4 guides as shown in the picture. Disconnect the connector and remove the air conditioning control assembly. **Figures 2-3**
- **3.** Remove the 4 bolts. Disengage the 2 clips. Disconnect the connectors and remove the radio receiver assembly with bracket. **Figure 4**







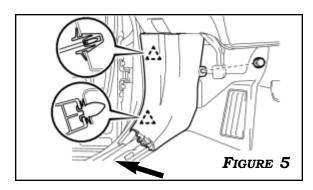


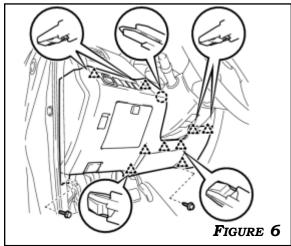
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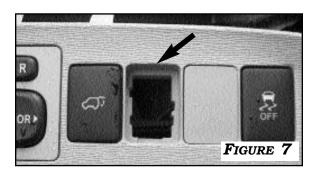


4. Disengage the 3 clips, 7 claws and guide, and remove the left front door scuff plate. Remove the clip. Disengage the 2 clips and remove the left cowl side trim sub-assembly. **Figure 5**

5. Remove the (4) 10mm bolts. Pull the radio receiver with heater control panel assembly toward the rear of the vehicle and disengage the 4 clips. Press in tabs to remove the switch blank plug. **Figures 6-7**



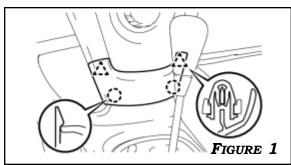


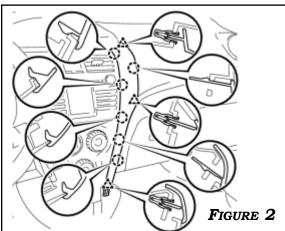


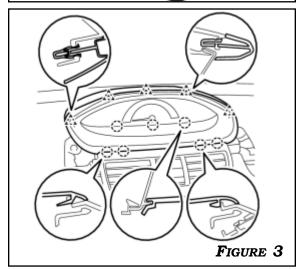
YARIS PREPARATION:

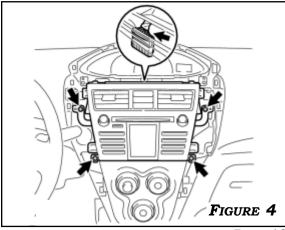


- ${f 1.}$ Disengage the ${f 2}$ claws and ${f 2}$ clips and remove the instrument panel finish panel lower center. Figure ${f 1}$
- **2.** Disengage the 6 claws and 3 clips and remove the right instrument finish panel end. Repeat the same steps to remove the left instrument finish panel end. **Figure 2**
- **3.** Disengage the 7 claws and 5 clips and remove the instrument cluster finish panel. **Figure 3**
- **4.** Disconnect the hazard warning signal switch connector. Remove the 4 bolts. Disengage the 4 clips and the 4 claws and remove the radio receiver. **Figure 4**









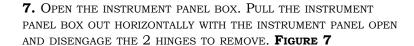
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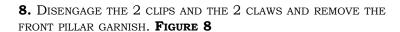


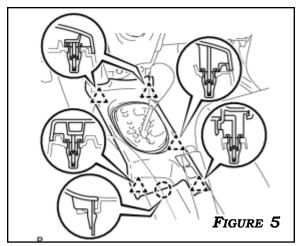
 ${f 5.}$ Shift the shift lever into the N position. Disengage the 5 clips and the claw and remove the upper console panel. Press in tabs to remove the switch blank plug.

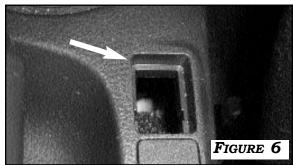
FIGURES 5-6

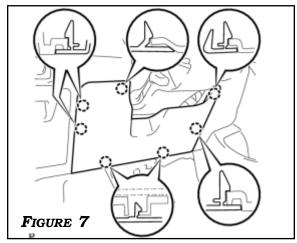
6. Disengage the 7 claws and open the instrument panel lower finish panel. **Figure 6**

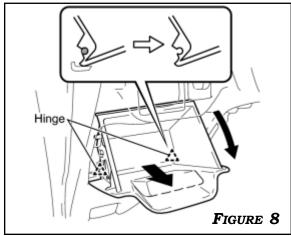












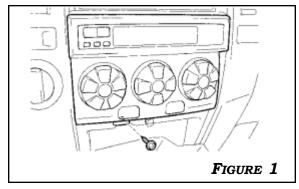
4RUNNER PREPARATION:

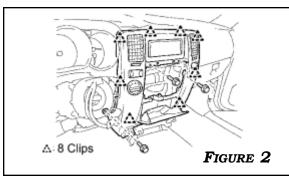


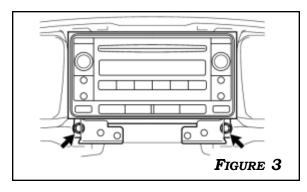
1. Remove the screw. Disengage the 4 clips and remove the air conditioner, and then disconnect the connectors. Figure ${\bf 1}$

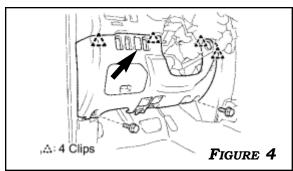
- **2.** Remove the 3 bolts. Disengage the 8 clips and remove the center instrument cluster finish panel sub-assembly. **Figure 2**
- **3.** Remove the 2 bolts. Disconnect the connectors and remove the radio receiver assembly with bracket. **FIGURE 3**
- **4.** Remove the 2 bolts. Disconnect the hood lock control cable assembly and fuel lid lock control cable sub-assembly. Disengage the 4 clips. Disconnect the connectors and remove the lower instrument panel finish panel sub-assembly. Press in tabs to remove the switch blank plug.

FIGURE 4





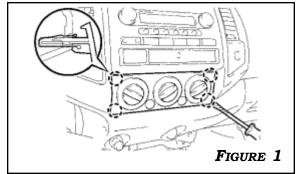


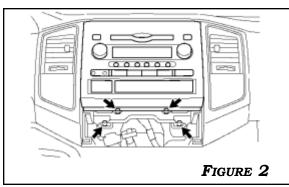


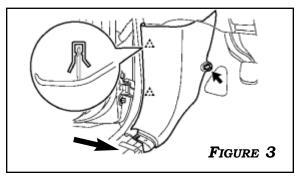
TACOMA PREPARATION:

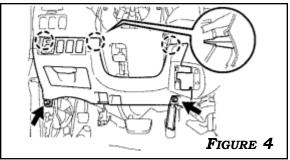


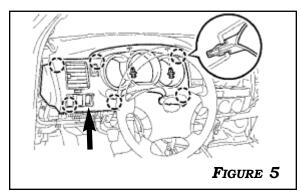
- 1. Using a screwdriver, disengage the 4 clips and remove the air conditioner control assembly. Tape up the screwdriver tip before use. Disconnect the 2 connectors. Figure 1
- 2. Remove the 4 bolts. Disconnect the connector and remove the radio receiver assembly with bracket. Figure 2
- **3.** Disengage the 8 claws and clip, and remove the left front door scuff plate. Remove the clip. Disengage the 2 clips and remove the cowl side trim board. **Figure 3**
- **4.** Remove the 2 bolts. Disengage the 3 clips and remove the lower No. 1 instrument panel finish panel. Disconnect the connectors. **Figure 4**
- **5.** Remove the 2 clips. Disengage the 6 clips and remove the instrument cluster finish panel sub-assembly. Disconnect the connectors. Press in tabs to remove the switch blank plug. **Figure 5**







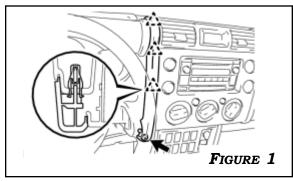


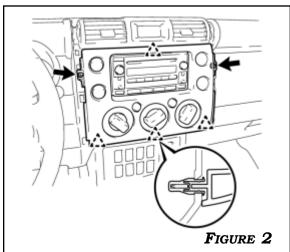


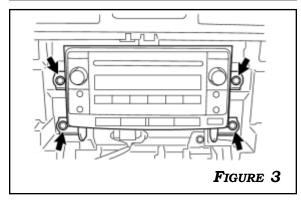
FJ CRUISER PREPARATION:

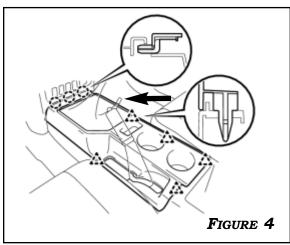


- 1. Remove screw. Disengage the 3 clips and remove the left instrument panel garnish. Repeat the same steps to remove the right instrument panel garnish. NOTE: Pull the instrument panel garnish up at an angle of 45° to remove it. Do not damage the surface of the instrument panel when removing it. Figure 1
- ${f 2.}$ Remove the 2 screws. Disengage the 4 clips and remove the integration control panel assembly. Disconnect the 3 connectors. Figure ${f 2}$
- 3. Remove the 4 bolts and the radio receiver. Figure 3
- **4.** Remove the shift lever knob. Shift the shift lever into the N position. Disengage the 5 clips and 3 claws and remove the console upper rear panel. **Figure 4**





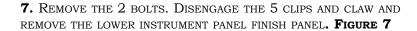


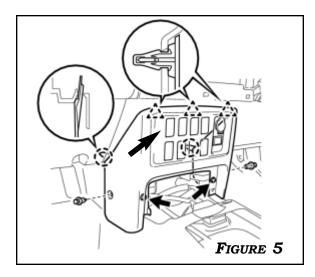


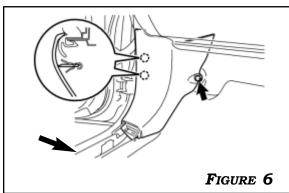
FJ CRUISER PREPARATION: CONTINUED...

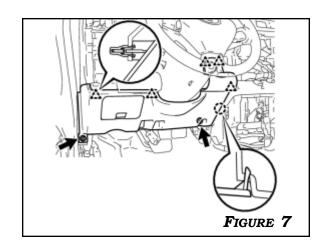


- **5.** Remove the 2 clips and 2 bolts. Disengage the 3 clips and 2 claws and remove the instrument lower cover. Press in tabs to remove the switch blank plug. **Figure 5**
- **6.** Disengage the 6 claws and remove the access door scuff plate. Remove the clip. Disengage the 2 claws and remove the left cowl side trim board. **Figure 6**









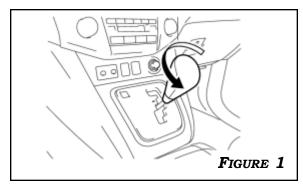
RX 350 PREPARATION:

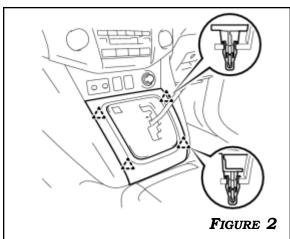


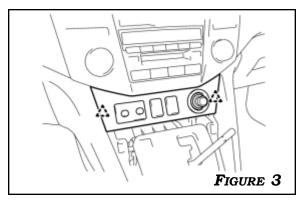


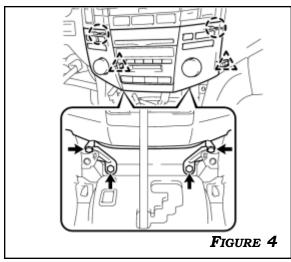


- 1. Turn the shift lever knob counterclockwise and remove THE SHIFT LEVER KNOB. FIGURE 1
- 2. DISENGAGE THE 4 CLIPS AND REMOVE THE UPPER FRONT CON-SOLE PANEL. FIGURE 2
- **3.** Disengage 2 clips and disconnect connectors to remove THE LOWER INSTRUMENT FINISH PANEL. FIGURE 3
- 4. Remove 4 bolts, disengage 4 clips, and disconnect con-NECTOR TO REMOVE THE RADIO RECEIVER. FIGURE 4







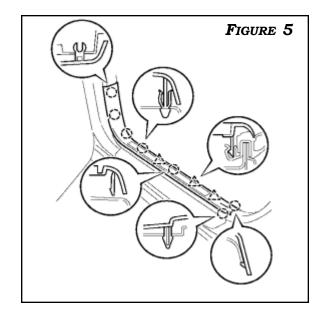


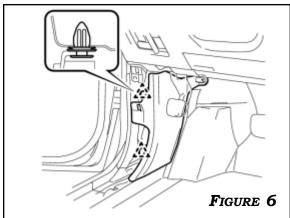
RX 350 PREPARATION: CONTINUED...

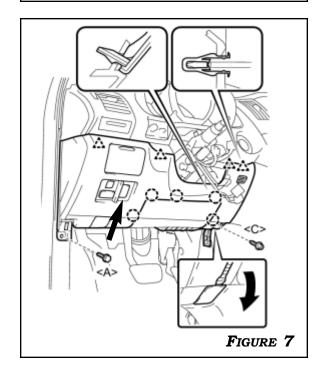


5. Disengage the 10 clips and remove the driver side scuff plate. **Figure 5**

- **6.** Remove the 3 bolts. Disengage the 8 clips and remove the center instrument cluster finish panel sub-assembly. **Figure 6**
- 7. Remove the bolt <A> and the screw <C>. Disconnect the hood lock control cable assembly. Disengage the 9 clips. Disconnect the connectors and remove the lower instrument panel finish panel sub-assembly. Press in tabs to remove the switch blank plug. Figure 7







MICROPHONE

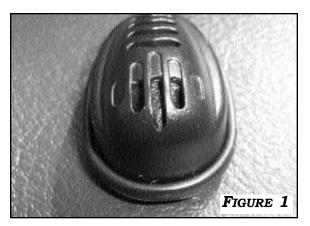
1. Route the Microphone harness to an area on or near THE DASHBOARD AWAY FROM SIDE AIRBAGS OR VENTS. USE THE VEHICLE WIRING CLIPS AND SUPPLIED WIRE TIES TO SECURE HAR-NESSES. USING THE DOUBLE SIDED TAPE, PLACE THE MICROPHONE IN THE SELECTED AREA AS SHOWN IN FIGURE 1.

CONTROL SWITCH

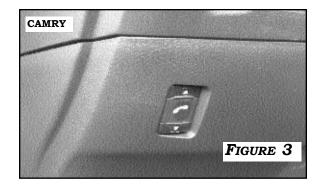




2. Insert the Control Switch into the remove switch blank FINISH PANEL. THE SOLID TRIANGLE SHOULD BE AT THE TOP OF THE SWITCH. FIGURES 2-9. ROUTE THE SWITCH HARNESS ALONG THE EXISTING VEHICLE WIRING BEHIND THE DASHBOARD TO THE CENTER CONSOLE AREA. SECURE HARNESSES WITH WIRE TIES. FIGURE 10.

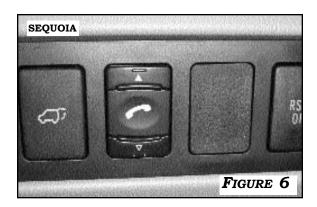


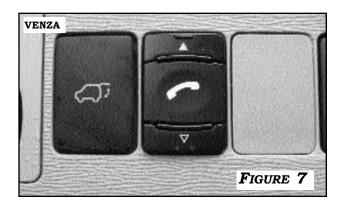


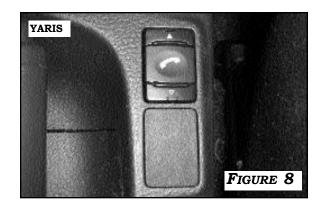


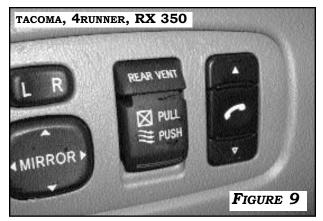


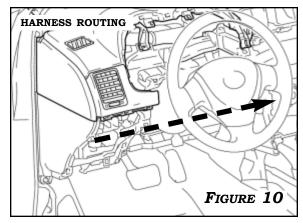












INTERFACE MODULE





- 1. Connect all harnesses to the Interface Module. FIGURE 11.
- 2. Mount the interface module to the A/C duct at the BOTTOM OF THE CENTER CONSOLE OR USE WIRES TIES TO SECURE THE MODULE AS SHOWN IN FIGURE 12-13.

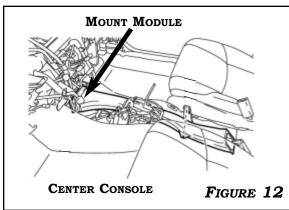


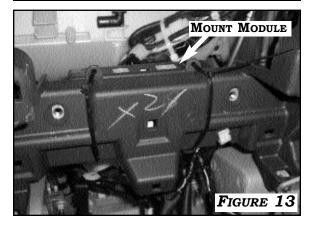


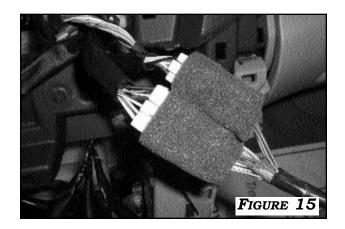


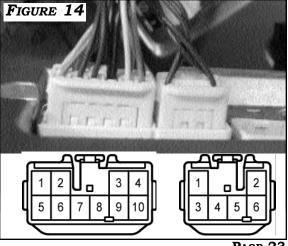
- 1. Remove the 10-pin and 6-pin connectors from the radio RECEIVER AS SHOWN IN FIGURE 14.
- 2. Connect the Power/Audio harness to the radio receiv-ER. CONNECT THE RADIO RECEIVER HARNESS SIDE TO THE MATING CONNECTORS ON THE POWER / AUDIO HARNESS. SECURE HAR-NESSES WITH WIRE TIES. FIGURE 15.











REASSEMBLY



- \Rightarrow
- 1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO 36 IN*LBS.
- 2. REINSTALL ALL TRIM PIECES TAKING SPECIAL CARE TO ENSURE HARNESSES AND WIRE CONNEC-TIONS ARE PROPERLY SECURED.
- 3. Be sure harnesses is not pinched or bound by trim pieces.
- **4.** Be sure to reconnect hood release cable.