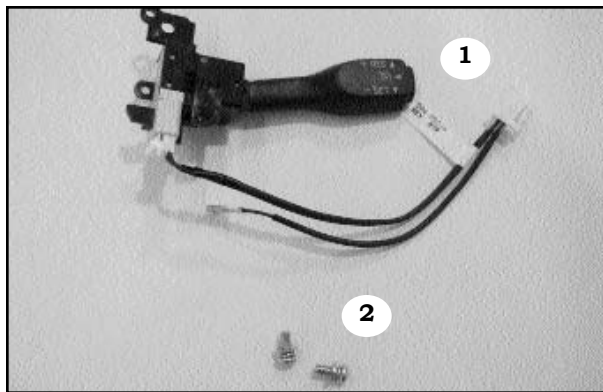


PART NUMBER: 250-1836



BASE KIT CONTENTS

ITEM	QTY	DESCRIPTION
1	1	CONTROL SWITCH ASSEMBLY
1	2	SCREWS (M5)

HARDWARE BAG CONTENTS

ITEM	QTY	DESCRIPTION
1	1	CRUISE ECM HARNESS, BROWN
2	1	CRUISE ECM HARNESS, GREEN
3	1	CRUISE GROUND HARNESS, BLACK
4	6	WIRE TIES
5	1	FOAM TAPE

ADDITIONAL ITEMS REQUIRED FOR INSTALL

ITEM	QTY	DESCRIPTION

CONFLICTS

NOTE: TACOMA MODELS W/ MANUAL TRANSMISSION

RECOMMENDED TOOLS

PERSONAL & VEHICLE PROTECTION	
SAFETY GLASSES	
FENDER COVER	
GLOVES (OPTIONAL)	
SPECIAL TOOLS	
BATTERY POST PROTECTOR	
INSTALLATION TOOLS	
TRIM REMOVAL TOOL	PHILLIPS SCREWDRIVER
10-MM WRENCH	T-30 BIT
3/4 WRENCH DRIVE	TORQUE WRENCH
DRILL BITS	5MM 13/64" & 8M 11/32
13MM SOCKET	
SPECIAL CHEMICALS	

SERVICE TOOL CONTENTS

ITEM	QTY	DESCRIPTION	PART NUMBER
1	1	CUTTING TOOL	250-2598
2	1	EXTRACTION TOOL	250-2600

GENERAL APPLICABILITY

TACOMA MODELS W/O MANUAL TRANSMISSION

SERVICE PARTS

ITEM	PART#	DESCRIPTION
1	250-2735	CRUISE ECM HARNESSES FOR NON-PREWIRED

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.

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 QUALITY.

INSTALLATION

VEHICLE PREPARATION:

1. DISCONNECT THE CABLE FROM THE NEGATIVE TERMINAL OF THE BATTERY. **FIGURE 1**



CAUTION: ENSURE THAT BATTERY HAS BEEN DISCONNECTED FOR MORE THAN 90 SECONDS PRIOR TO REMOVAL OF AIRBAG; FAILURE TO HEED THIS WARNING MAY RESULT IN AIRBAG DISCHARGE AND MAY CAUSE SERIOUS INJURY OR DEATH.

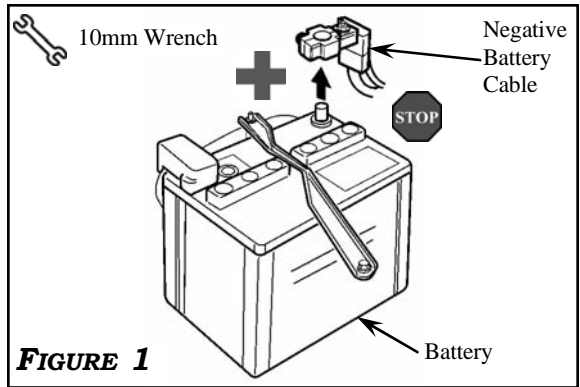


FIGURE 1

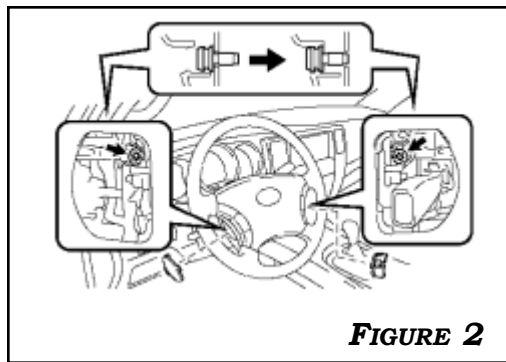


FIGURE 2



2. REMOVE AIRBAG BY RELEASING SIDE PANELS FROM STEERING WHEEL AND EXTRACTING THE TWO 30 TORX SCREWS AS ILLUSTRATED IN **FIGURE 2**.

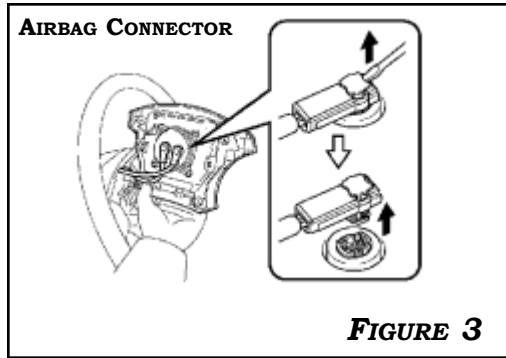


FIGURE 3

3. REMOVE GROUND TERMINAL AND DUMMY HORN/CRUISE CONNECTOR FROM STEERING WHEEL AND DISCARD. UTILIZE SMALL SCREWDRIVER TO REMOVE AIRBAG CONNECTORS AS ILLUSTRATED IN **FIGURE 3**.



CAUTION: BE SURE TO STORE AIRBAG FACE UP AS ILLUSTRATED IN FIGURE 4 TO REDUCE INJURY IN EVENT OF ACCIDENTAL DISCHARGE OF AIRBAG.

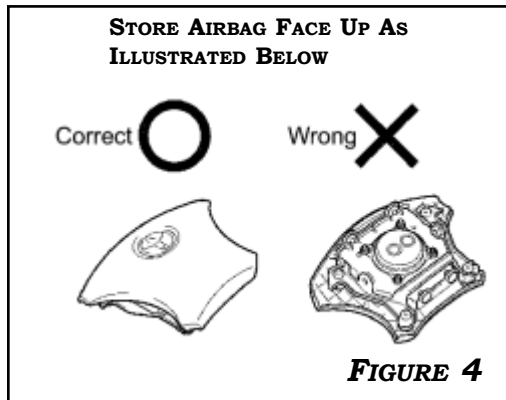


FIGURE 4

INSTALLATION

VEHICLE PREPARATION CONTINUED...



4. RELEASE THE 2 CLIPS AND REMOVE THE DRIVER SIDE KICK PANEL. **FIGURE 5**

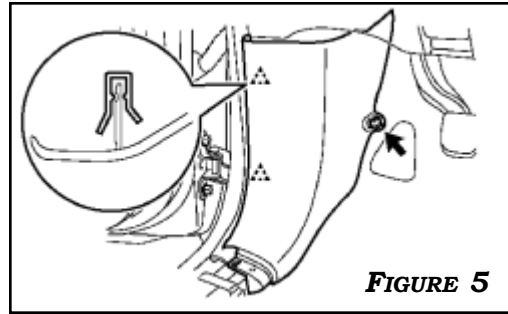


FIGURE 5

5. RELEASE THE 3 CLIPS AND REMOVE THE LOWER INSTRUMENT PANEL FINISH PANEL. **FIGURE 6**

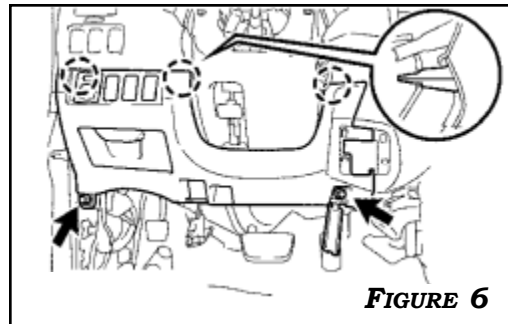


FIGURE 6

6. REMOVE 2 PHILLIPS SCREWS TO RELEASE THE STEERING COLUMN SHROUD. **FIGURE 7**

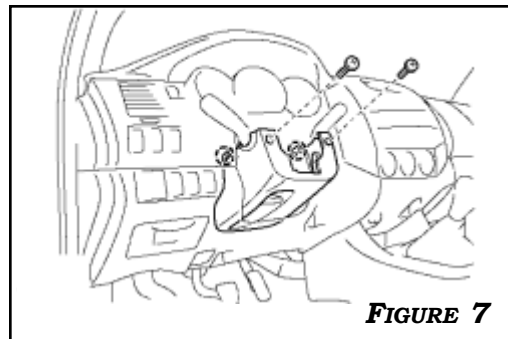


FIGURE 7

7. REMOVE THE 2 CLIPS. RELEASE THE 6 CLIPS AND REMOVE THE INSTRUMENT CLUSTER FINISH PANEL SUBASSEMBLY. **FIGURE 8**

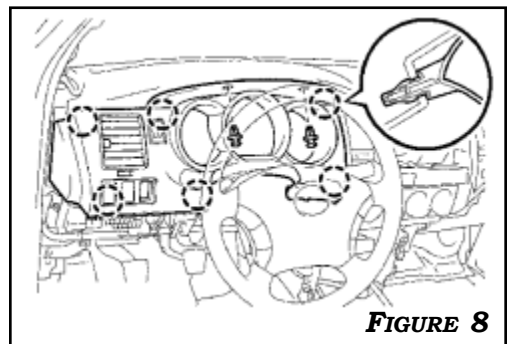


FIGURE 8

8. RELEASE THE CLAW AND SEPARATE THE GLOVE COMPARTMENT DOOR STOPPER FROM THE GLOVE COMPARTMENT DOOR ASSEMBLY. PULL THE GLOVE COMPARTMENT DOOR ASSEMBLY TOWARD THE REAR OF THE VEHICLE TO RELEASE THE 3 HINGES AND REMOVE THE GLOVE COMPARTMENT DOOR ASSEMBLY. **FIGURE 9**

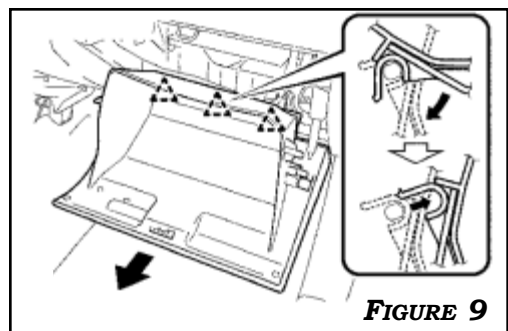


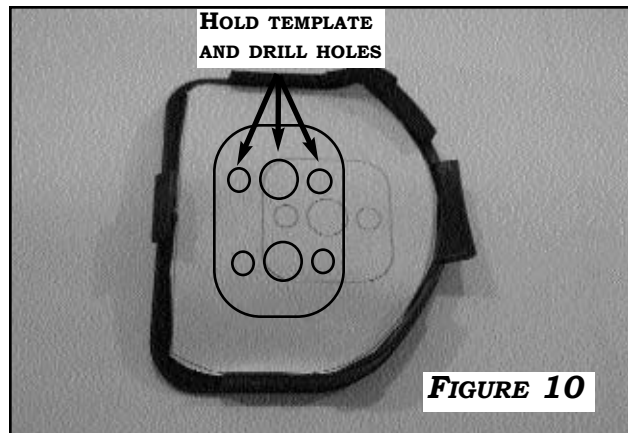
FIGURE 9

INSTALLATION

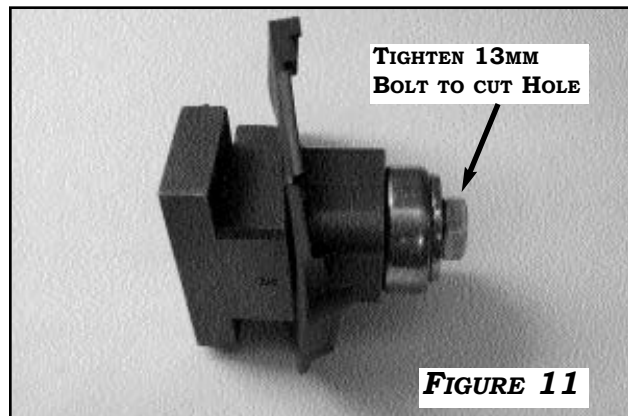
CONTROL SWITCH



1. USING THE **SWITCH HOLE CUTTING TEMPLATE** ON PAGE 11, PLACE THE TEMPLATE ON THE INSIDE OF THE TRIM PIECE AS SHOWN AND DRILL TWO (2) 5MM (13/64") HOLE AND ONE (1) 8MM (11/32"). **NOTE: THE TACOMA SHROUD WILL NEED TO BE CUT TWICE WITH THE SWITCH CUTTING TOOL. FIGURE 10**

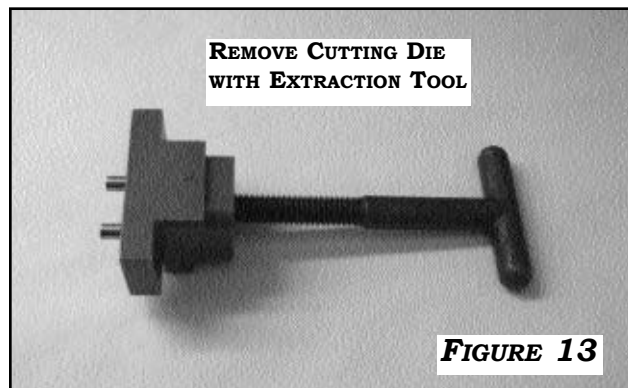
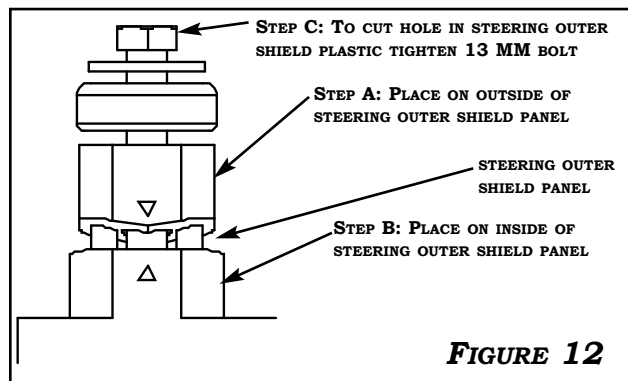


2. USING THE **SWITCH HOLE CUTTING TOOL**, INSERT THE CUTTING TOOL INTO THE DRILL HOLES OF TRIM PIECE AND WITH 13MM SOCKET, TIGHTEN THE SCREW UNTIL PLASTIC HOLE IS CUT OUT. **FIGURES 11 & 12.**



3. SOMETIMES THE CUTTING DIE MAY GET LODGED IN THE STEERING SHROUD MATERIAL; IN THIS CASE, UTILIZE THE CUTTING EX-TRACTION TOOL TO REMOVE DIE.

THREAD T-BOLT INTO DIE AS SHOWN IN **FIGURE 13** AND PULL TO REMOVE DIE FROM STEERING SHROUD.



INSTALLATION

CONTROL SWITCH CONTINUED



4. MOUNT CRUISE CONTROL SWITCH WITH TWO (2) PHILLIPS SCREWS PROVIDED. REMOVE GROUND TERMINAL AND DUMMY HORN/CRUISE CONNECTOR FROM STEERING WHEEL AND DISCARD. PLUG IN CRUISE SWITCH CONNECTOR ENSURING TO RE-CONNECT GROUND TERMINAL. **FIGURES 14-15**

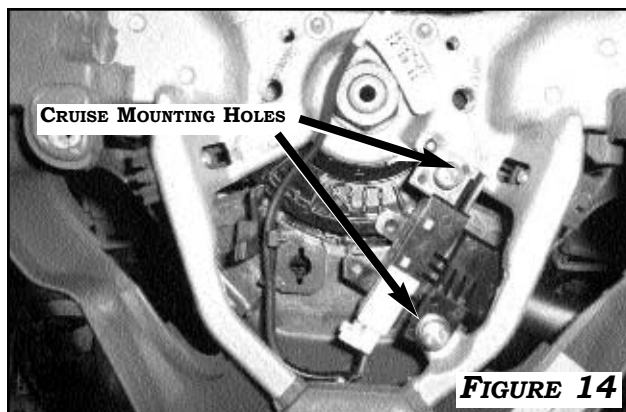


FIGURE 14

CRUISE ECM HARNESS



1. LOCATE BLACK CONNECTOR **S8** BEHIND STEERING WHEEL AT RIGHT SIDE OF SUB ASSEMBLY. **FIGURE 16**. REMOVE CONNECTOR. **BE SURE TO PULL OUT TERMINAL RETAINER AT THE CENTER OF CONNECTOR. FIGURE 17**. INSERT THE **CLOCK-SPRING** TERMINAL FROM THE **BROWN CRUISE ECM HARNESS** TO **PIN 1** (CRUISE CIRCUIT) OF CONNECTOR **S8** CAREFULLY LOCKING TERMINAL INTO PLACE. **FIGURES 18-19**. PULL THE TERMINAL BACK GENTLY TO CHECK WHETHER IT IS LOCKED CORRECTLY.

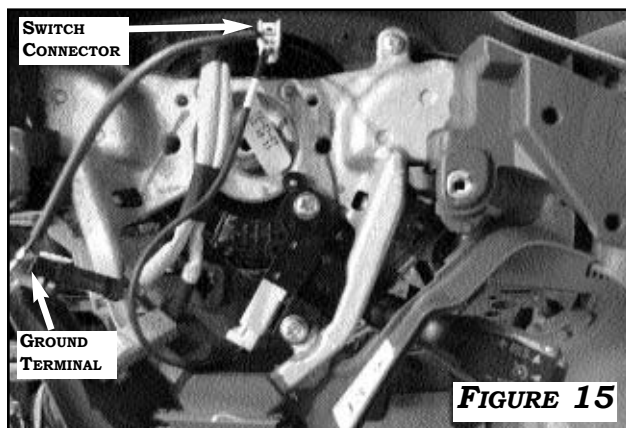


FIGURE 15

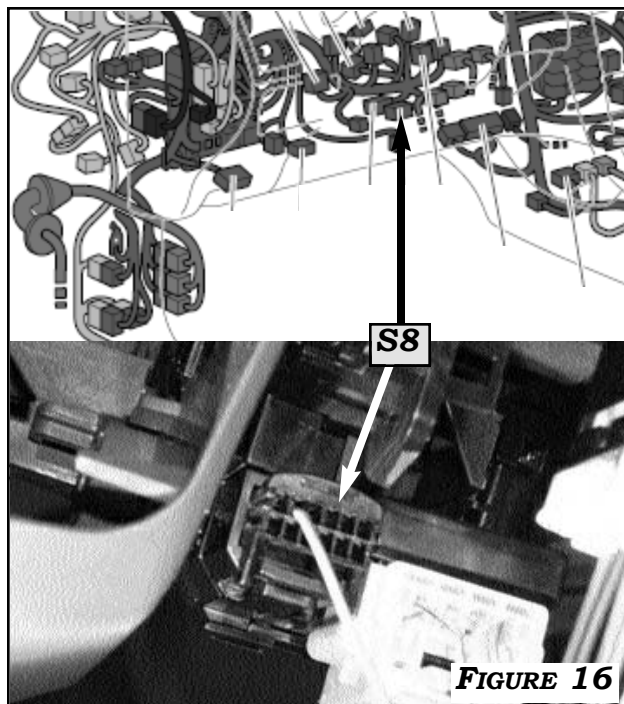


FIGURE 16

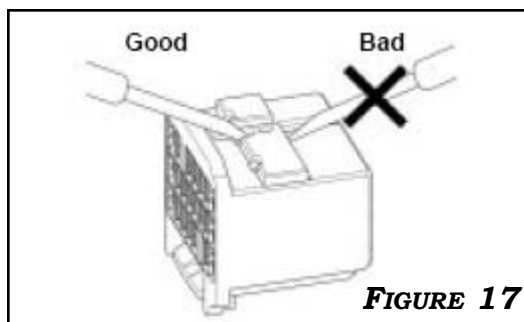


FIGURE 17

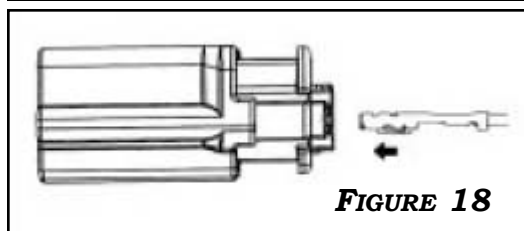
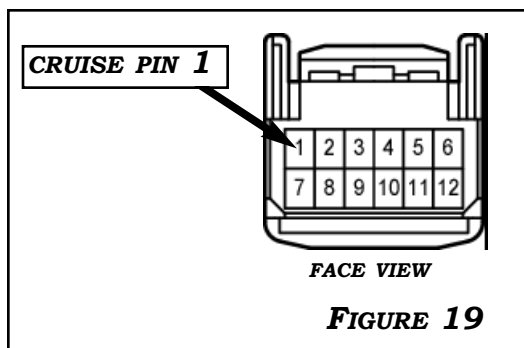


FIGURE 18



FACE VIEW

FIGURE 19

INSTALLATION

CRUISE GROUND HARNESS



1. INSERT THE **CLOCKSPRING** TERMINAL FROM THE **BLACK** CRUISE GROUND HARNESS INTO **PIN 2** OF CONNECTOR **S8** CAREFULLY LOCKING TERMINAL INTO PLACE. PULL THE TERMINAL BACK GENTLY TO CHECK WHETHER IT IS LOCKED CORRECTLY. **FIGURES 20-21**. REASSEMBLE CONNECTOR AND PLACE BACK ONTO SUB ASSEMBLY. **BE SURE RETAINER IS PRESSED IN BEFORE REINSTALLING**.
2. ROUTE THE GROUND HARNESS ALONG THE FACTORY HARNESS TO THE 10MM BOLT AS SHOWN IN **FIGURE 22**. REMOVE THE 10MM BOLT AND INSTALL THE RING TERMINAL FROM THE **BLACK** CRUISE GROUND HARNESS. **SECURE THE HARNESS WITH WIRE TIES AS SHOWN**.

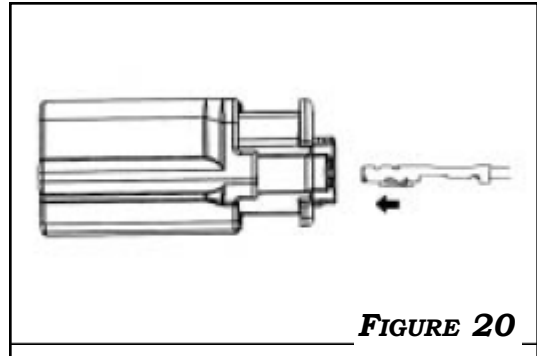


FIGURE 20

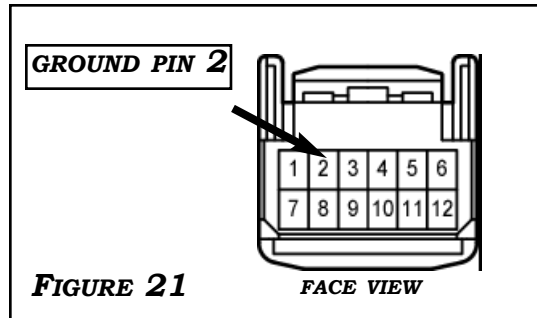


FIGURE 21

FACE VIEW

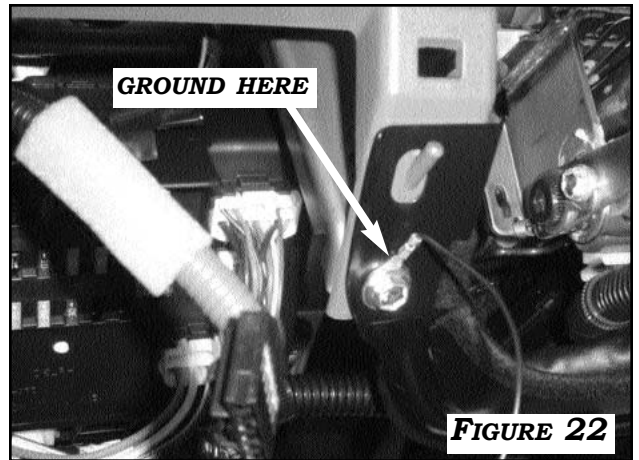


FIGURE 22

INSTALLATION

CRUISE ECM HARNESS



1. LOCATE WHITE CONNECTOR **C9** AT THE COMBINATION METER. **FIGURE 23**. REMOVE CONNECTOR. **BE SURE TO PULL OUT TERMINAL RETAINER AT THE CENTER OF CONNECTOR. FIGURE 24.**
2. INSERT THE **COMBINATION METER** TERMINAL FROM THE **GREEN** CRUISE ECM HARNESS INTO PIN **24** (CRUISE INDICATOR LIGHT CIRCUIT) OF CONNECTOR **C9** CAREFULLY LOCKING TERMINAL INTO PLACE. PULL THE TERMINAL BACK GENTLY TO CHECK WHETHER IT IS LOCKED CORRECTLY. **FIGURE 25-26**. REASSEMBLE CONNECTOR AND PLACE BACK ONTO COMBINATION METER. **BE SURE RETAINER IS PRESSED IN BEFORE REINSTALLING.**
3. ROUTE THE GREEN AND BROWN CRUISE ECM HARNESSES TO THE ECM BEHIND GLOVE BOX AREA WITH THE EXISTING VEHICLE WIRING HARNESS AS SHOWN IN **FIGURE 27**. SECURE THE HARNESSES WITH WIRE TIES.

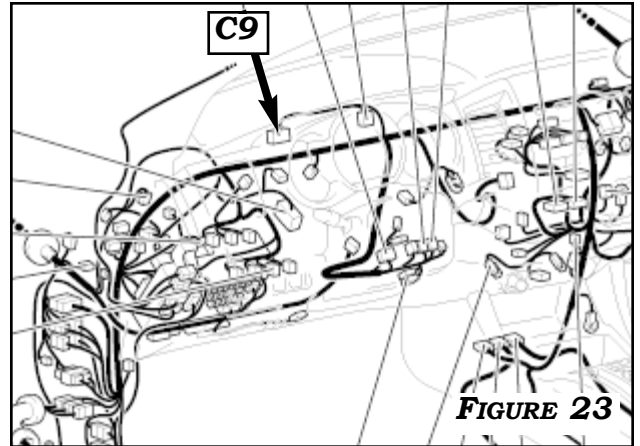


FIGURE 23

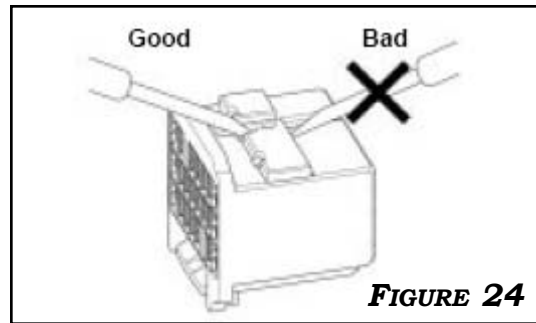


FIGURE 24

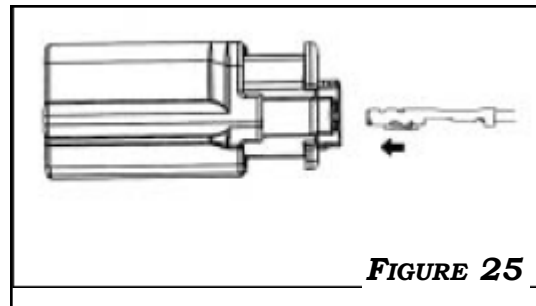


FIGURE 25

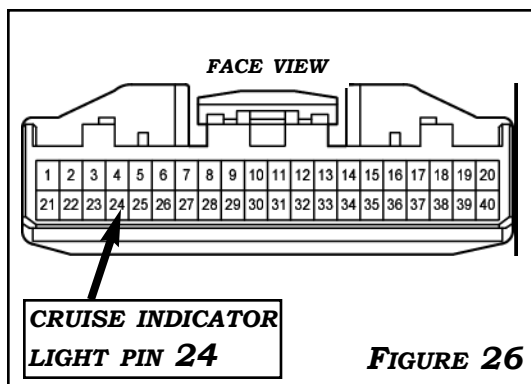


FIGURE 26

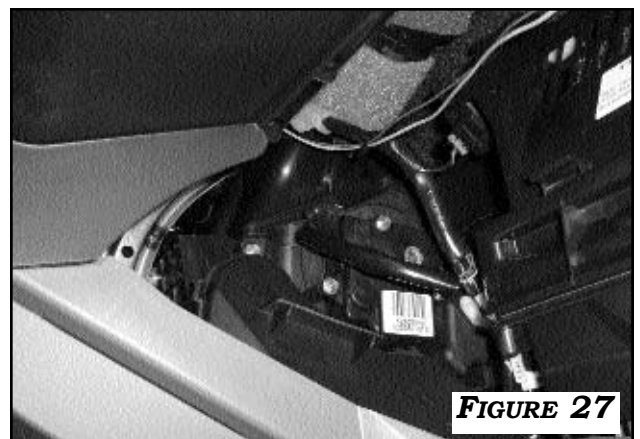


FIGURE 27

INSTALLATION

CRUISE ECM HARNESSSES



1. LOCATE WHITE CONNECTOR **E7** (SECOND FROM BOTTOM) OF THE ECM. **FIGURE 28**. **BE SURE TO PULL OUT TERMINAL RETAINER AT THE CENTER OF CONNECTOR. FIGURE 29.** INSERT **ECM** TERMINAL FROM **BROWN WIRE** OF THE CRUISE ECM HARNESS INTO PIN **31**(CRUISE CIRCUIT) OF CONNECTOR E7. INSERT THE ECM TERMINAL FROM THE **GREEN WIRE** OF THE CRUISE ECM HARNESS INTO PIN **18** (CRUISE INDICATOR LIGHT CIRCUIT) OF CONNECTOR **E7**. **FIGURES 30-31**

2. CAREFULLY LOCK THE TERMINALS INTO PLACE. PULL THE TERMINALS BACK GENTLY TO CHECK WHETHER IT IS LOCKED CORRECTLY. REASSEMBLE CONNECTOR AND PLACE BACK ONTO ECM. **BE SURE RETAINER IS PRESSED IN BEFORE REINSTALLING.** SECURE HARNESS WITH WIRE TIES

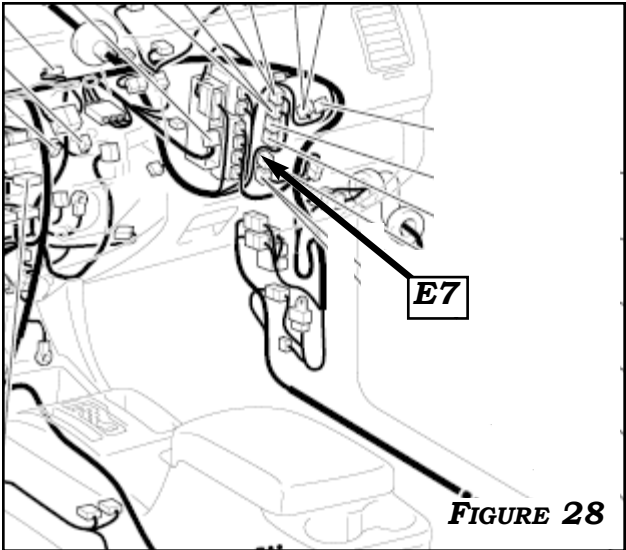


FIGURE 28

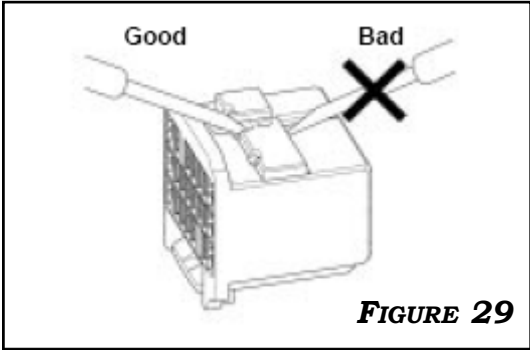


FIGURE 29

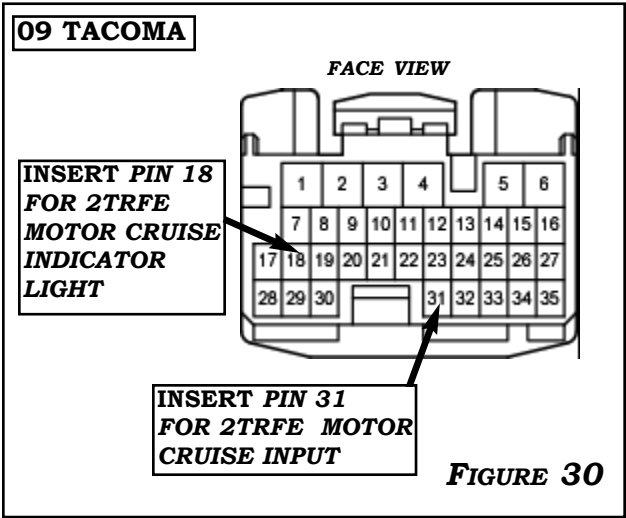


FIGURE 30

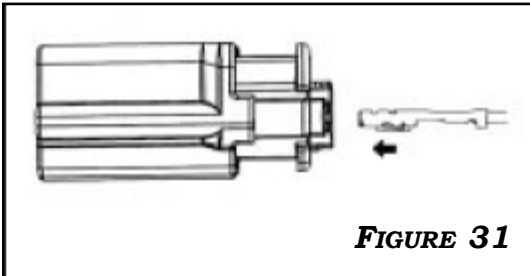


FIGURE 31

INSTALLATION

TESTING



1. REINSTALL AIRBAG. TORQUE SCREWS TO 78 IN***LBS.**

2. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO **3FT*LBS.**



3. TURN THE IGNITION TO THE "ON" POSITION. PRESS THE "CRUISE ON-OFF" BUTTON. THIS TURNS THE SYSTEM ON. THE INDICATOR LIGHT IN THE INSTRUMENT PANEL WILL COME ON.



FIGURE 32

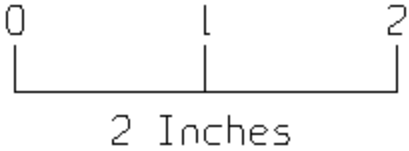
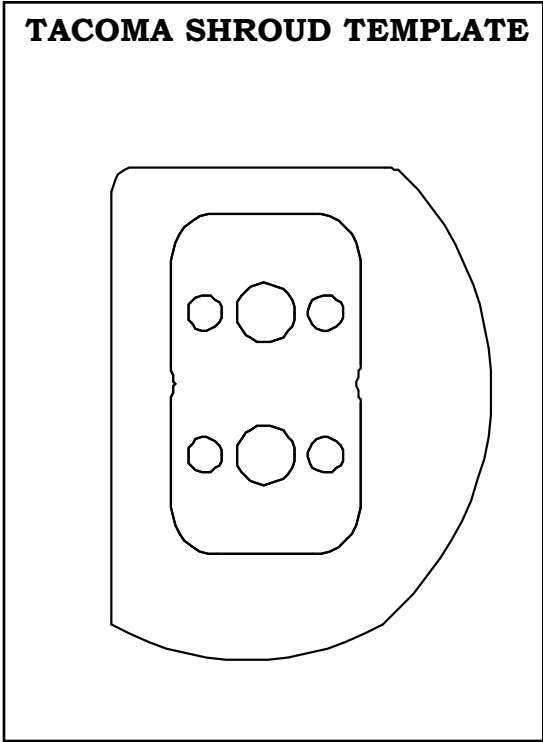
INSTALLATION

REASSEMBLY



1. RECONNECT NEGATIVE BATTERY CABLE AND TORQUE TO 3FT*LBS.
2. REINSTALL ALL TRIM PIECES TAKING SPECIAL CARE TO ENSURE HARNESSSES AND WIRE CONNECTIONS ARE PROPERLY SECURED.
3. BE SURE HARNESSSES IS NOT PINCHED OR BOUND BY TRIM PIECES.

NOTES





ROSTRA.COM