



INSTALLATION INSTRUCTIONS

'96/'97

SUPRA

WITH FACTORY T.D.S.

KEYLESS ENTRY SYSTEM

PART NUMBER	KEYLESS ENTRY SYSTEM BASE KIT	08585-00940
	SUPRA WITH FACTORY T.D.S. Keyless Entry System FITTING KIT	08586-14820

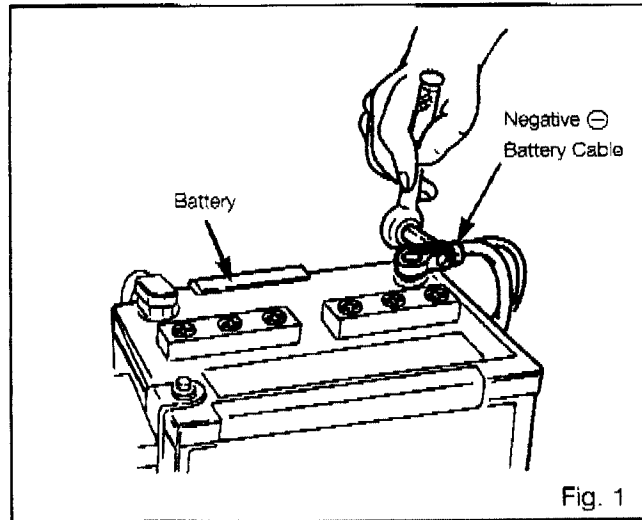
	Description	Service P/N	Q'ty
KEYLESS ENTRY SYSTEM BASE KIT CONTENTS	Keyless Entry System ECU	08190-00930	1
	Remote Control Transmitter	08191-00870	2
	Owner's Guide		1

SUPRA FITTING KIT CONTENTS	Wire Harness		1
	Butyl Tape		1
	Wire Tie (Medium)		21
	Splicing Connector (Red)		1

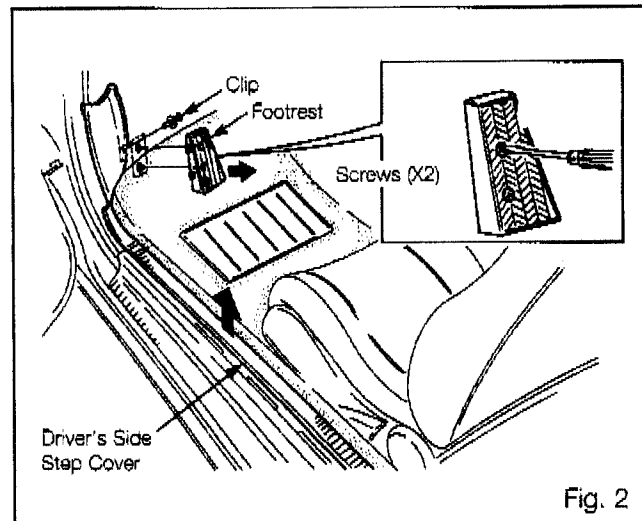
REQUIRED TOOLS AND MATERIALS	Description
	Pneumatic/Electric Wrench
	10 mm Socket
	Pliers
	Nylon Removal Tool
	#2 Phillips Bit/Screwdriver
	Small Flat Blade Screwdriver
	Tape Measure
	Utility Knife
	Marking Pen
	Side Cutters
	Clean, Lint Free Cloth

VEHICLE DISASSEMBLY

- (1) Remove the negative battery cable. Fig 1

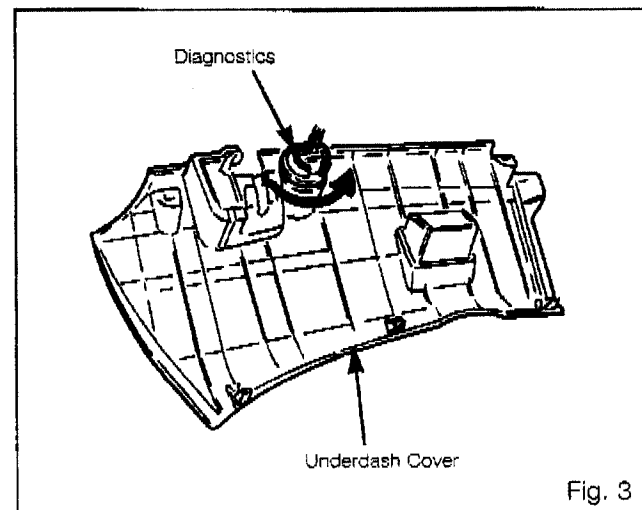


- (2) A) Remove the driver's foot rest. (2 screws)
Fig 2
B) Remove the driver's side step cover. Fig 2
C) Remove the driver's side cowl cover. (1 clip)
Fig 2

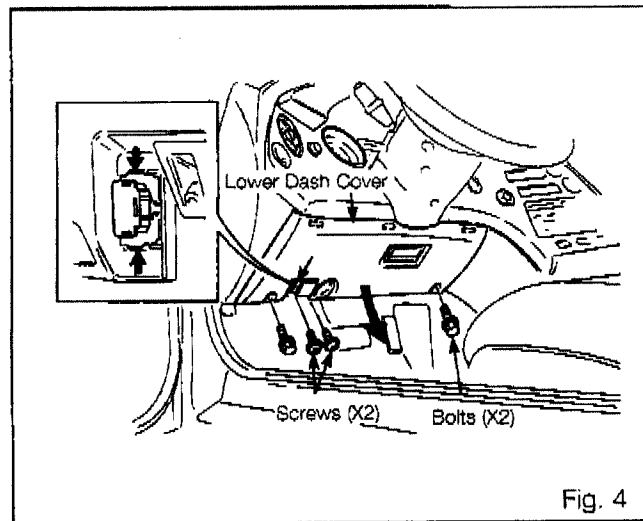


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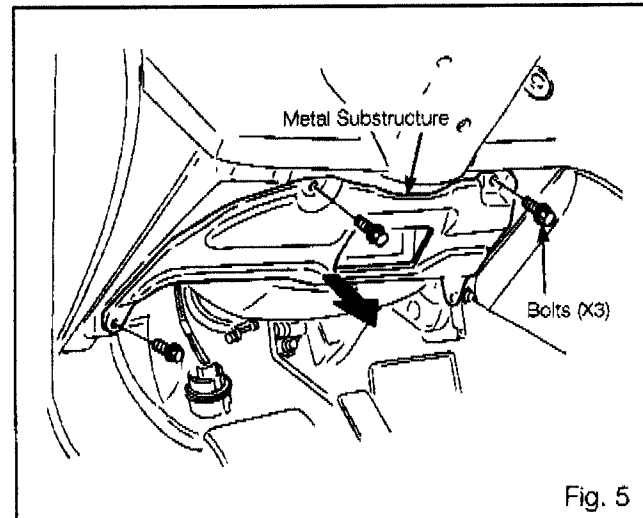
- (3) A) Remove the driver's side under dash cover.
(clips) Fig 3
B) Remove the DIAGNOSIS connector. Fig 3



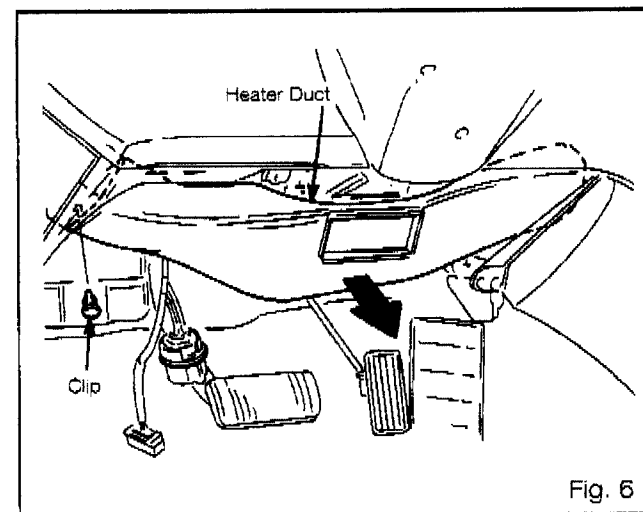
- (4) A) Remove the hood release. (2 screws) Fig 4
- B) Remove the driver's side lower dash cover. (2 bolts) Fig 4
- C) Disconnect the OPD2 connector. Fig 4



- (5) Remove the metal substructure. (3 bolts) Fig 5



- (6) Remove the driver's side heater duct. (1 clip) Fig 6

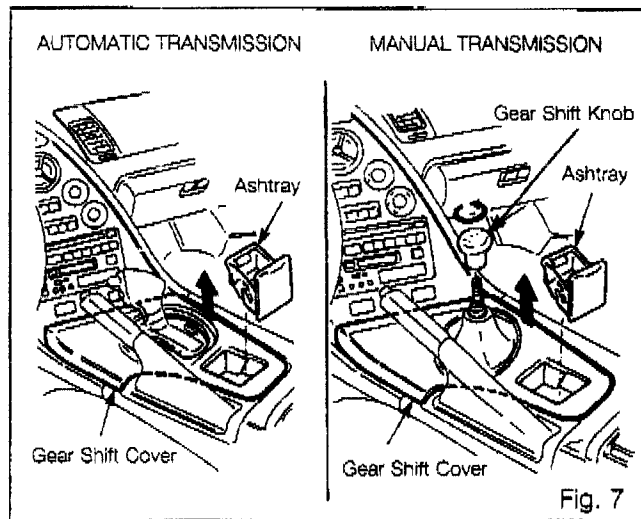


FOR A/T VEHICLES

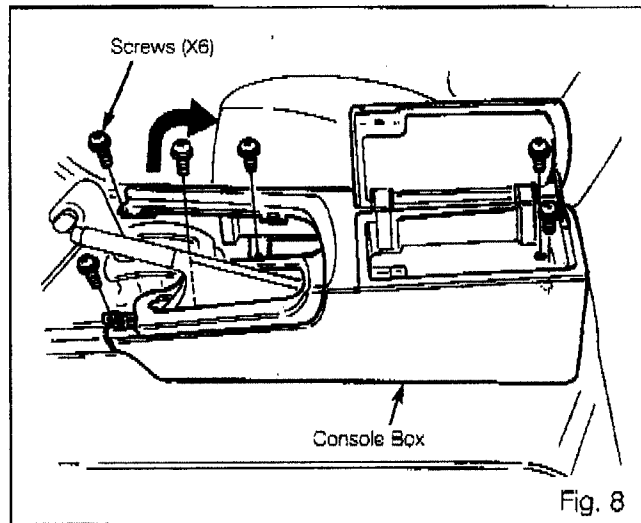
(7) Remove the ash tray and the gear shift cover.
Fig 7

FOR M/T VEHICLES

(7) Remove the gear shift knob, the ash tray, and
the gear shift cover. Fig 7

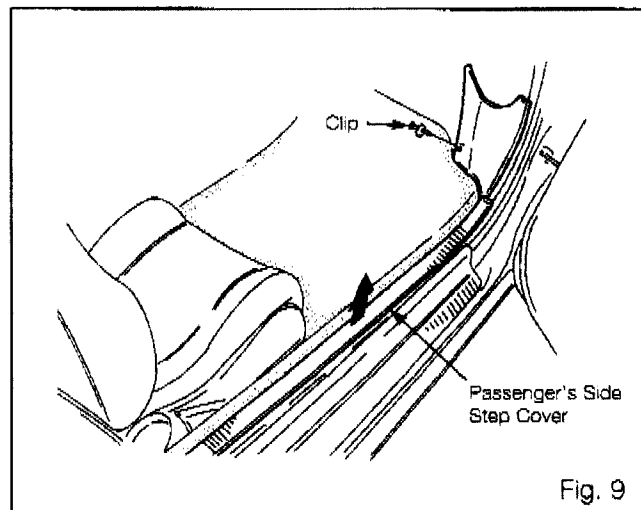


(8) Remove the center console. (6 screws) Fig 8



(9) A) Remove the passenger's side step cover.
Fig 9

B) Remove the passenger's side cowl cover.
(clip) Fig 9



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(10) Loosen and move the airbag connector holder to one side. Fig 10

CAUTION! Do not disconnect the airbag connectors!

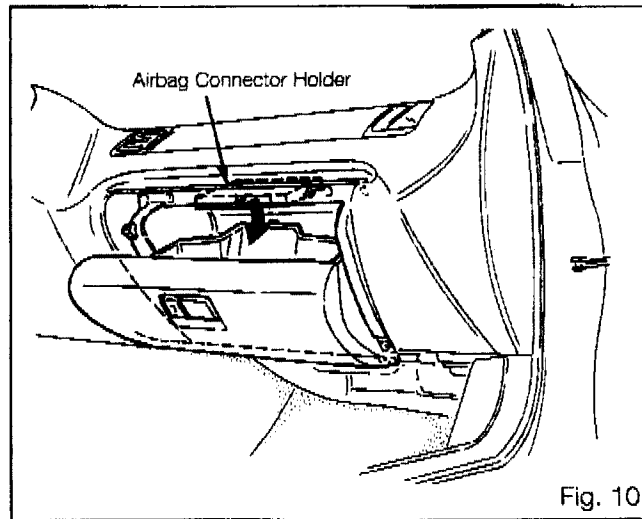


Fig. 10

(11) Remove the glove box door/glove box assembly. (4 screws) Fig 11

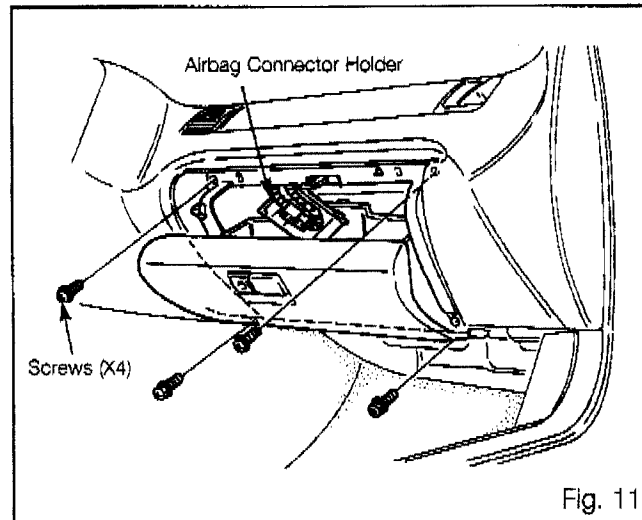


Fig. 11

(12) Remove the passenger's center heater duct. (1 screw) Fig 12

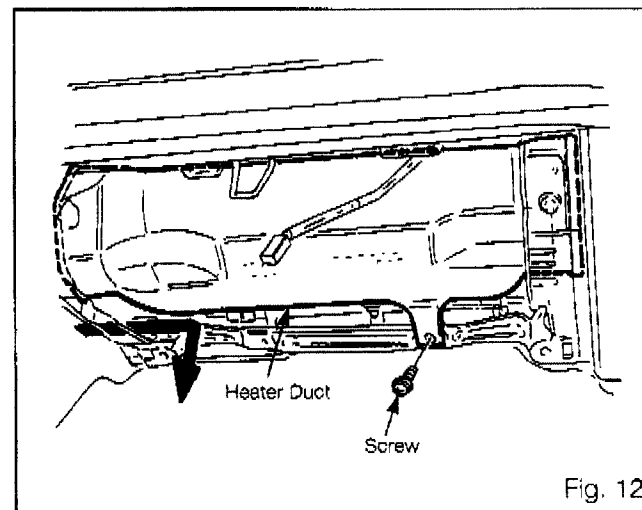


Fig. 12

(13) Remove the passenger's right side heater duct.
(1 screw) Fig 13

— VEHICLE DISASSEMBLY COMPLETE —

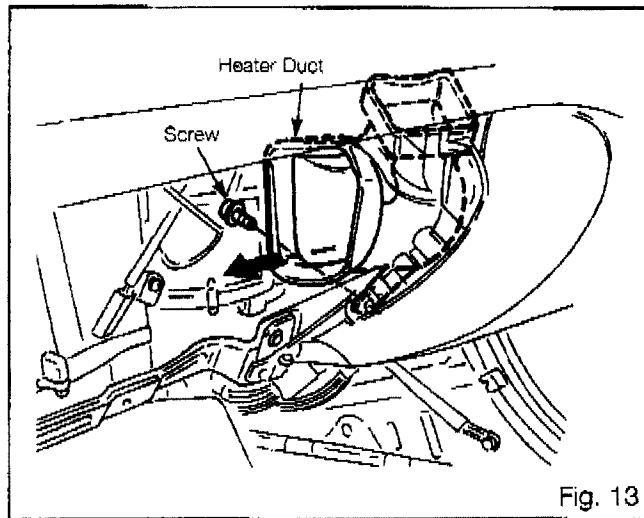


Fig. 13

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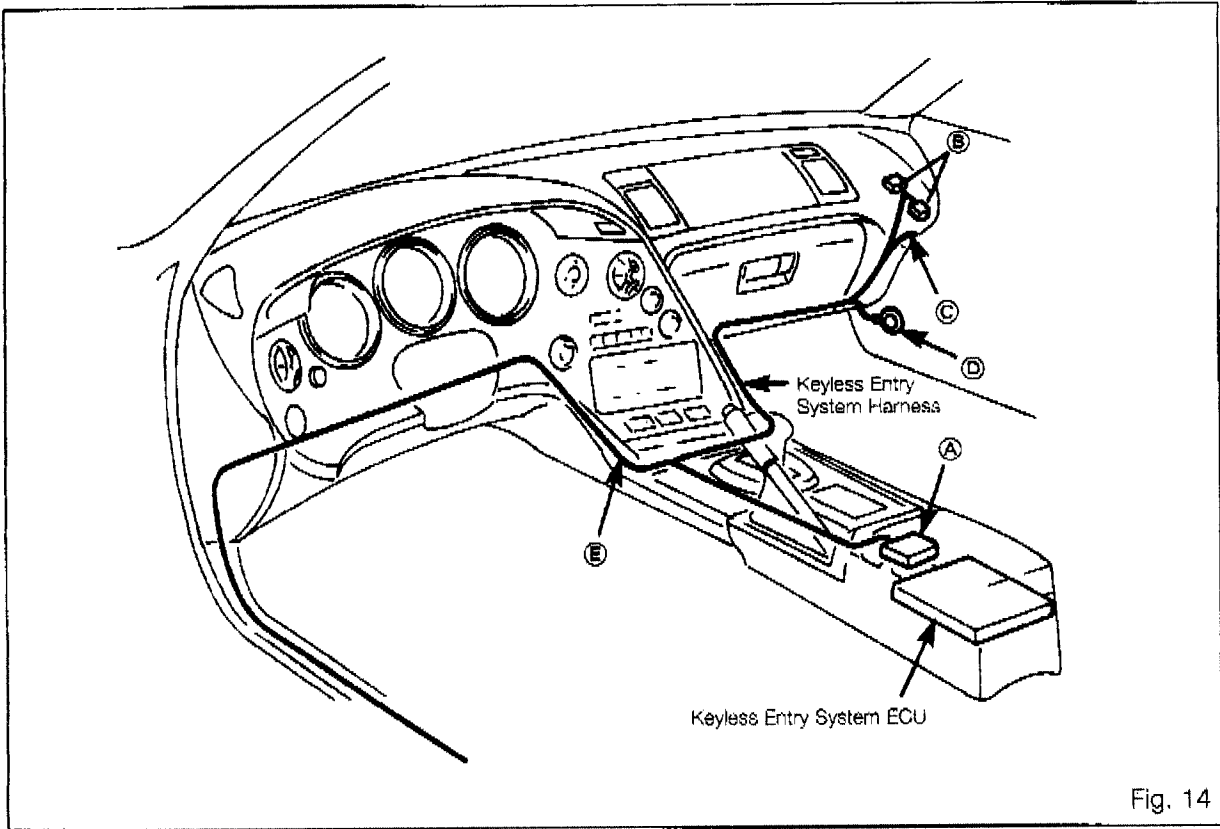


Fig. 14

A	Keyless Entry System ECU Connector (14P White)	D	Ground Terminal Wire (WHITE/BLACK)
B	Theft Deterrent/Door Lock ECU Connectors (25P ORANGE female/25P WHITE male)	E	Antenna Wire (GRAY)
C	Ignition Wire (BLACK/RED)		

WIRE HARNESS INSTALLATION

- (1) A) Locate and disconnect the vehicle wire harness' orange 9P and 25P connectors from the Door Lock Control/Theft Deterrent System ECU. Fig 15
- B) Unlock the wire harness clip as shown. Fig 15

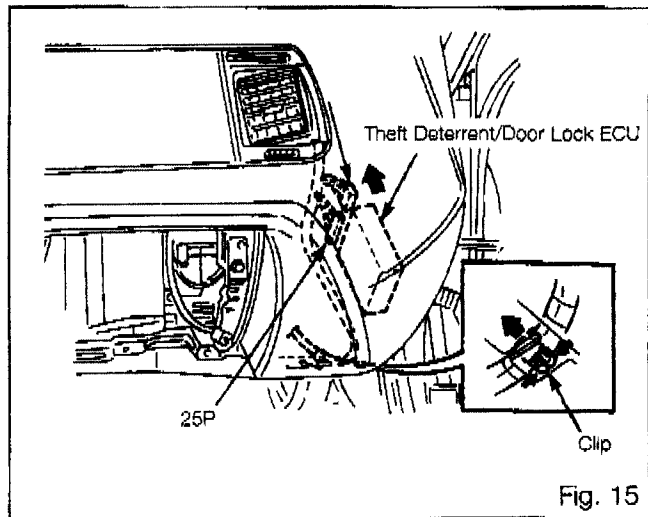


Fig. 15

WIRE SPLICING CONNECTOR INSTRUCTIONS

- A) Position the open-ended side of a splicing connector over the vehicle's wire harness as shown. (A)
- B) Close the top and bottom halves of the open-ended side of the connector together with pliers, squeezing them together until they lock. (B)
- C) Position the K.E.S. harness' wire onto the closed-end side as shown. (C)
- D) Close the top and bottom halves of the connector together with pliers, squeezing them together until they lock. (D)

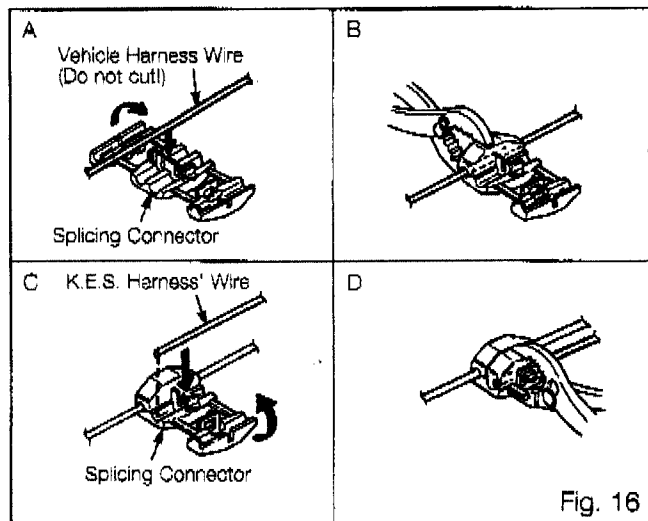


Fig. 16

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- (2) A) Turn the orange 9P connector so the wires face you, and the tab is on top. Fig 17
- B) Locate the wire in the bottom row, third space from the left. Using a splicing connector, attach the K.E.S. harness' BLACK/RED Ignition Wire. Fig 17

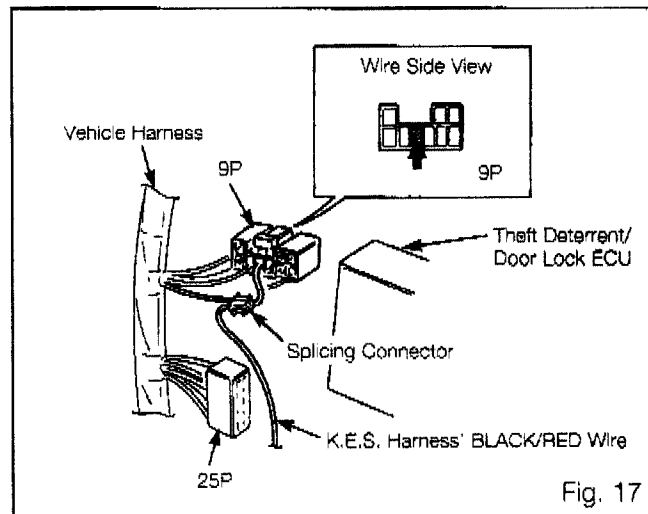
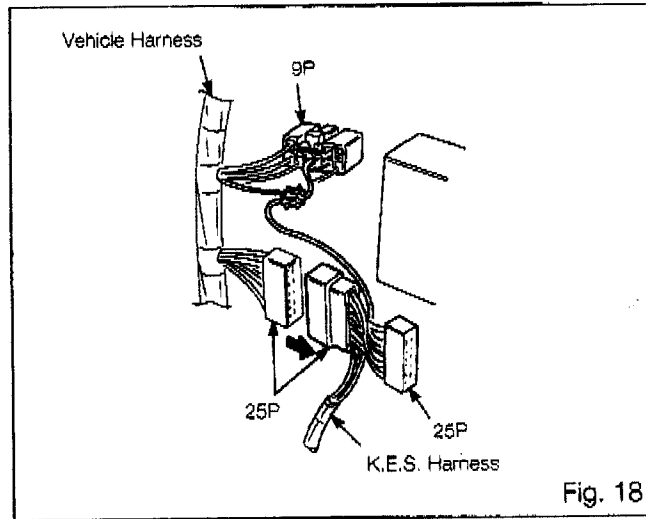
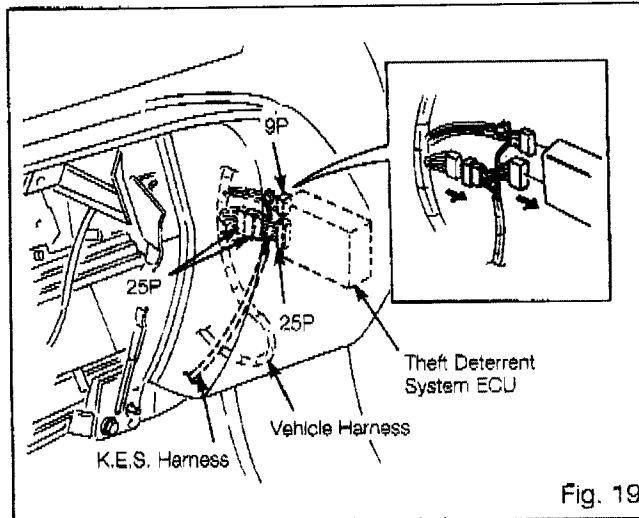


Fig. 17

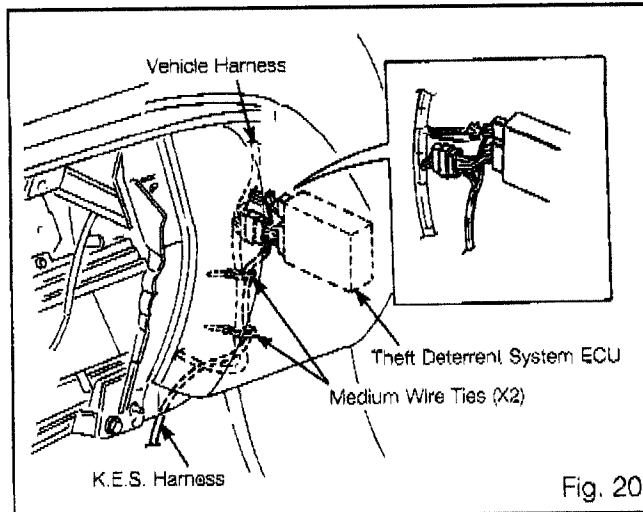
- (3) Insert the vehicle's wire harness orange 25P female connector into the K.E.S. harness' white 25P male connector. Fig 18



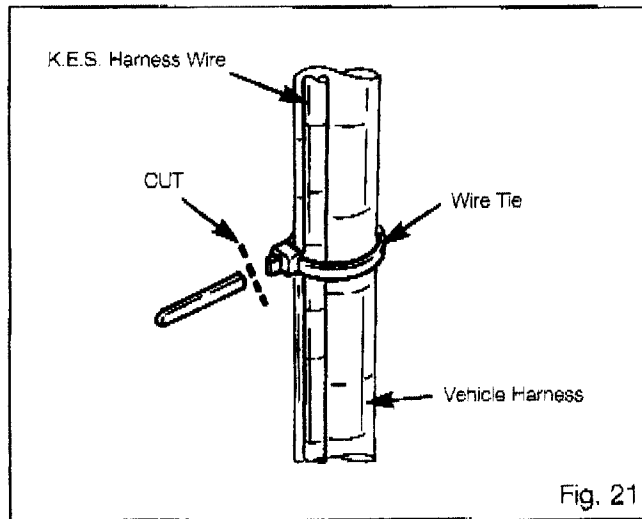
- (4) A) Insert the K.E.S. harness' orange 25P female connector into the Door Lock Control/Theft Deterrent System ECU. Fig 19
- (B) Reinsert the 9P connector into the Door Lock Control/Theft Deterrent System ECU. Fig 19



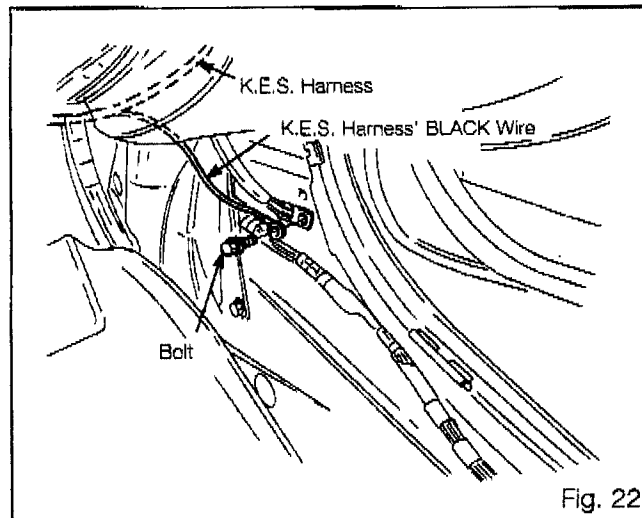
- (5) Secure the K.E.S. harness to the vehicle's wire harness with two medium wires tie as shown. Fig 20



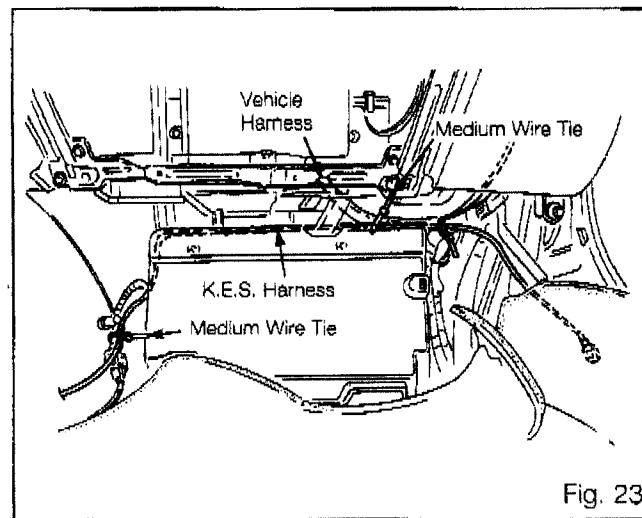
Note: After securing wires or parts with wire ties, cut off the excess portion. Fig 21



- (6) A) Locate and remove the existing Ground bolt in the lower portion of the passenger's side cowl area. Fig 22
- B) Secure the K.E.S. harness' Ground Terminal (along with the vehicle's wire harness ground wires) with the existing bolt. Fig 22



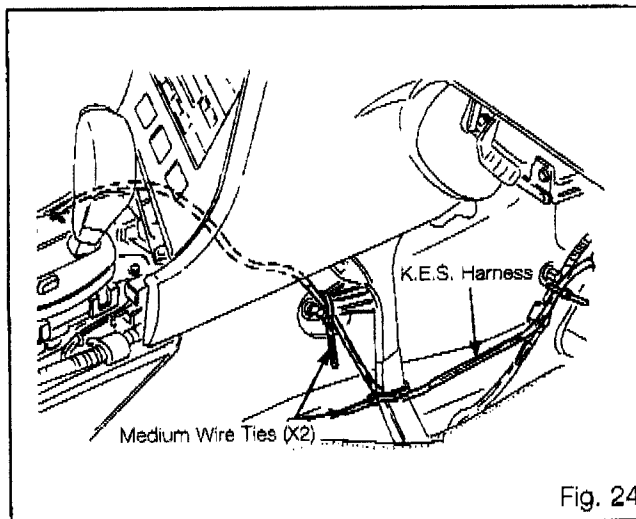
- (7) Route the K.E.S. harness along the vehicle's wire harness near the firewall, and secure with two medium wire ties as shown. Fig 23



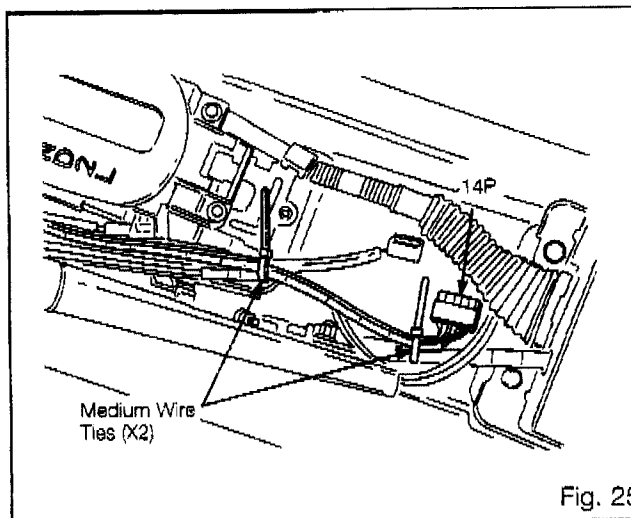
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(8) A) Route the K.E.S. harness back toward the center console area, and secure it to the vehicle's wire harness guard with two medium wire ties as shown. Fig 24

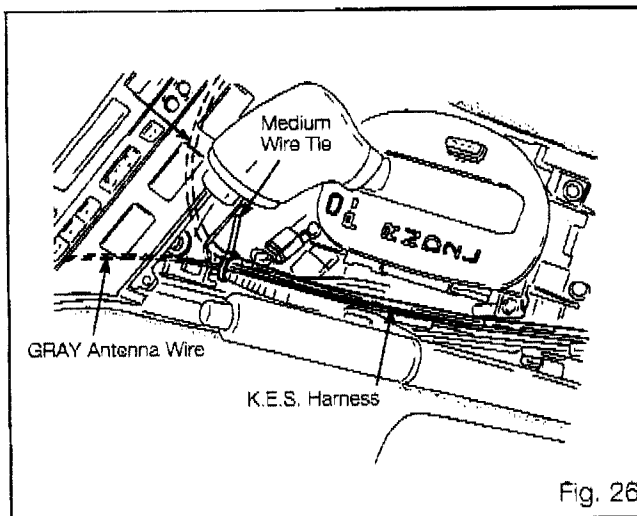
B) Route the K.E.S. harness under the edge of the instrument panel's center portion. Fig 24



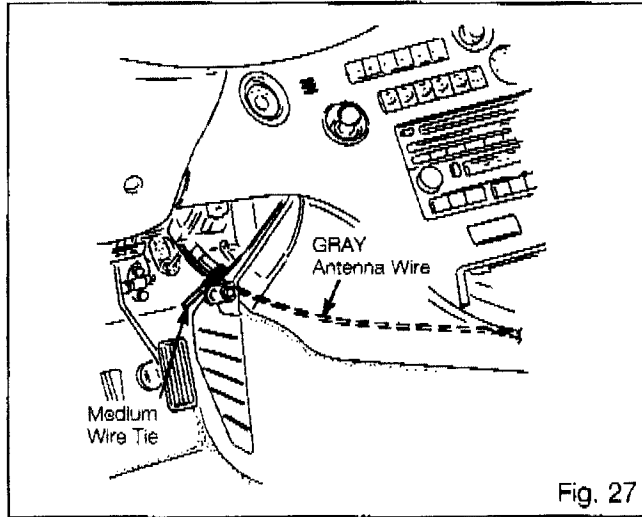
(9) Route the K.E.S. Harness' 14P ECU connector back to the airbag ECU, and secure it to the vehicle's wire harness with two medium wire ties as shown. Fig 25



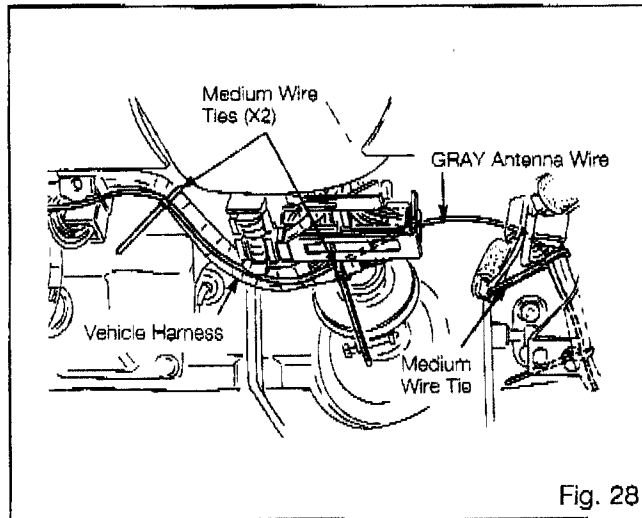
(10) Route the GRAY Antenna wire toward the driver's side of the vehicle, and secure it along with the K.E.S. harness to the vehicle's wire harness with a medium wire tie as shown. Fig 26



(11) Route the GRAY Antenna wire under the edge of the panel on the driver's side of the vehicle, and secure it to the vehicle's wire harness with a medium wire tie as shown. Fig 27



(12) Route the GRAY Antenna wire along the vehicle's wire harness, under the steering column, and secure it with three medium wire ties as shown. Fig 28



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(13) A) Route the GRAY Antenna wire along the vehicle's wire harness under the dash, past the cowl area, and through the door sill. Fig 29

B) Secure the GRAY Antenna wire with seven medium wire ties as shown. Fig 29

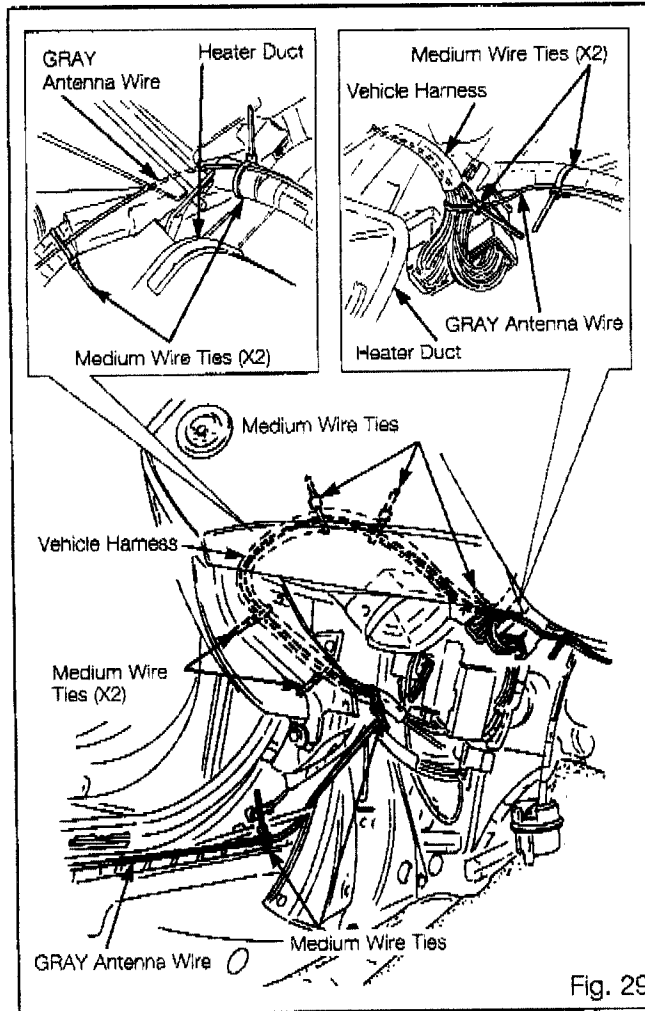


Fig. 29

(14) A) Route the GRAY Antenna wire to the end of the door sill, and secure it to the vehicle's wire harness with a medium wire tie. Fig 30

B) Cut off the excess GRAY Antenna wire as shown. Fig 30

Note: Be sure to cut off the excess GRAY Antenna wire. Bundling the excess Antenna wire will adversely affect the remote controls' operating range.

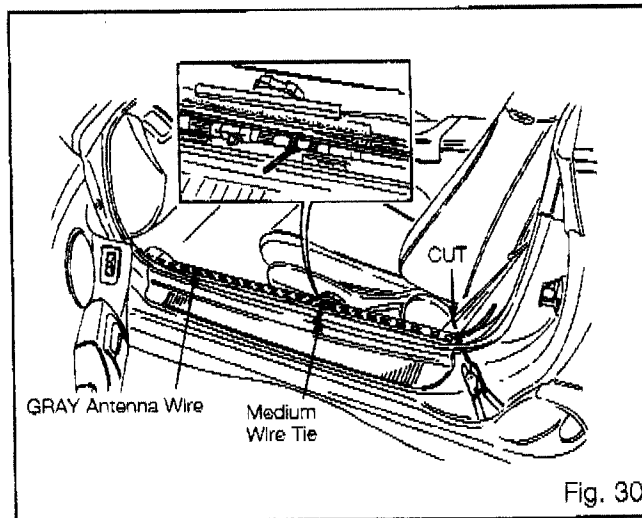
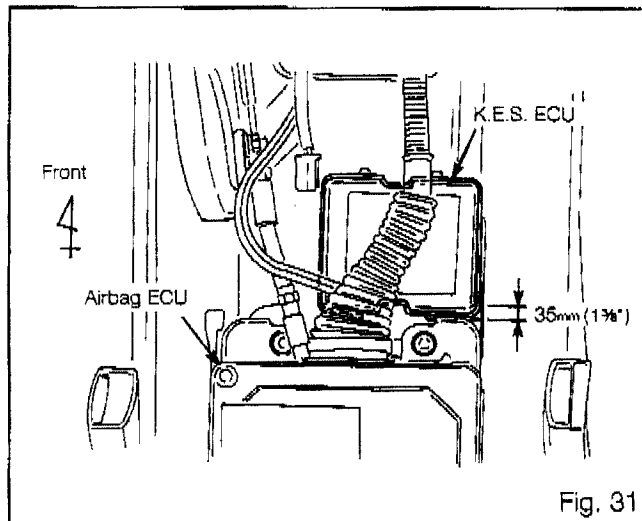


Fig. 30

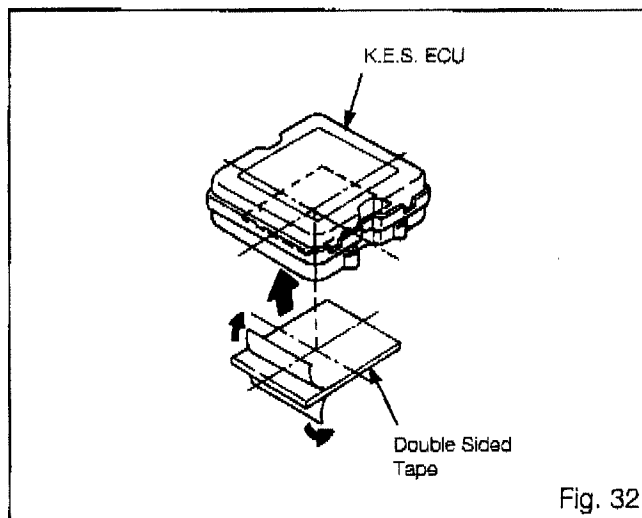
BEFORE MOUNTING THE ECU, TEMPORARILY CONNECT THE ECU CONNECTORS TO THE ECU, AND THE NEGATIVE BATTERY CABLE TO THE BATTERY. SKIP TO THE "TEST THE SYSTEM" SECTION, AND PERFORM THE FUNCTION CHECKS. COMPLETE THE INSTALLATION AFTER FINISHING THE FUNCTION CHECK.

KEYLESS ENTRY SYSTEM ECU MOUNTING

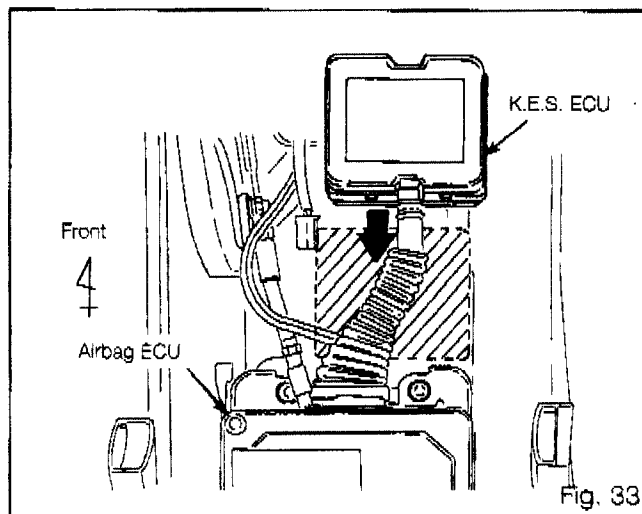
- (1) A) Place the Keyless Entry System ECU under the airbag ECU harness (yellow), in front of the airbag ECU as shown. Fig 31
- B) Note the ECU's location, and then remove it. Fig 31



- (2) Peel the protective backing off one side of the butyl tape pad (provided), and affix the pad to the bottom of the ECU. Fig 32

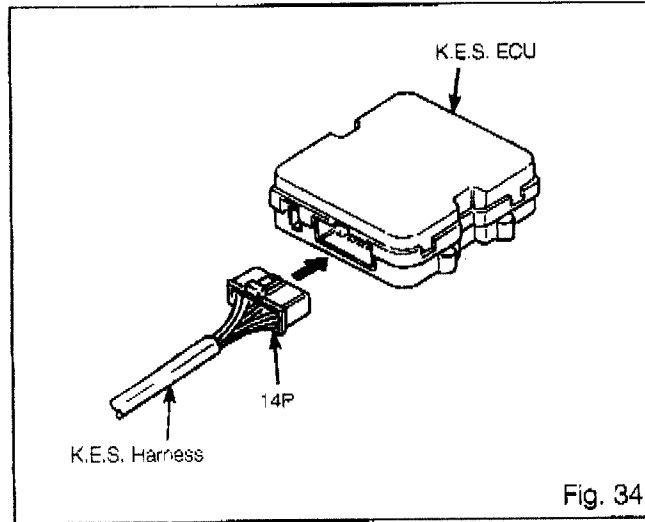


- (3) Peel off the protective backing off the other side of the butyl tape pad, place the ECU (connector facing left) under the airbag ECU's harness, and press the ECU firmly into place. Fig 33



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- (4) Plug in the K.E.S. harness' 14P connector into the ECU. Fig 34



- (5) Secure the K.E.S. harness to the vehicle's wire harness with a medium wire tie as shown. Fig 35

