

SUZUKI

1992

**AIR CONDITIONER
INSTALLATION MANUAL**



samurai

for USA Spec.

P/N: 99963-01501-052
CIKA-25A

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FOREWORD

This manual has been published to explain how to install the air conditioner into the SUZUKI SAMURAI.

When installing the air conditioner, installation should be done as described in this manual.

It is recommended that this manual should be kept readily available for reference at all times.

We reserve the right to make changes in this manual, at any time, without notice.

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GENERAL INFORMATION

PREPARATIONS BEFORE INSTALLATION

(1) Vehicle inspection and Adjustment

Prior to installing the air conditioner, make the following inspections and/or adjustments.

- (a) Engine Ignition Timing (Engine Injection Timing)
- (b) Engine Cooling System
- (c) Battery Electrolyte and Charging System
- (d) Passenger Compartment Seal
- (e) Fuel System
- (f) General Vehicle Inspection

(2) Preparations of Air Conditioner Parts

Unpacking the kit, lay all parts out in order of installation.

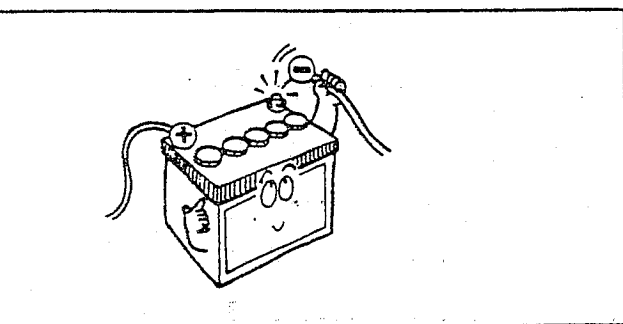
Check entire contents of the kit for missing or defective components.

Installing the air conditioner, use guard covers and seat covers for protection.

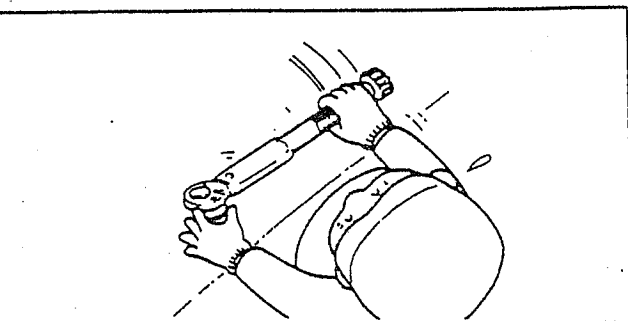
(3) Installation Tool

- (a) Vacuum Pump
- (b) Air Conditioner Service Tools
- (c) Torque Wrench
- (d) Hand Service Tools

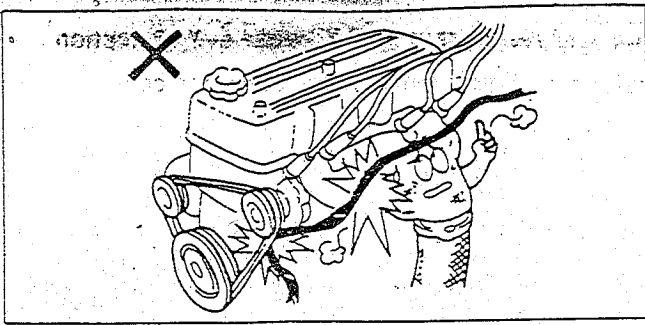
SERVICE PRECAUTIONS



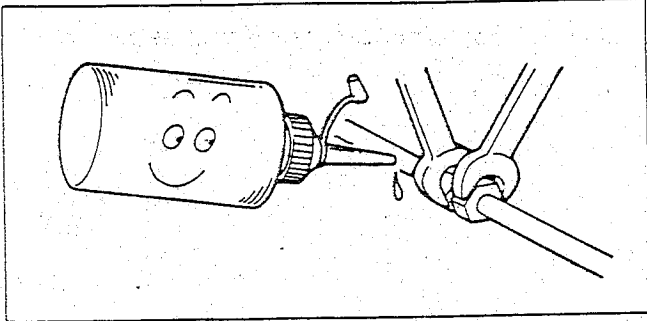
- (1) Disconnect the ground cable at the battery negative terminal.



- (2) Parts mounted on the engine must use bolts provided in the kit and be torqued to specifications.

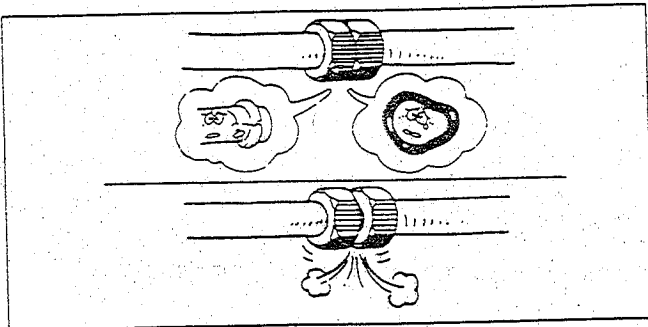


(3) Installing air conditioning lines and A/C harnesses route properly to avoid interference with surrounding parts.

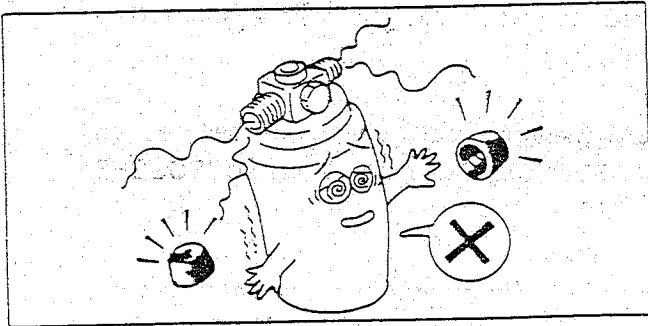


(4) Before making any hose and tube connections, apply a few drops of refrigeration oil to the seat of O-ring.

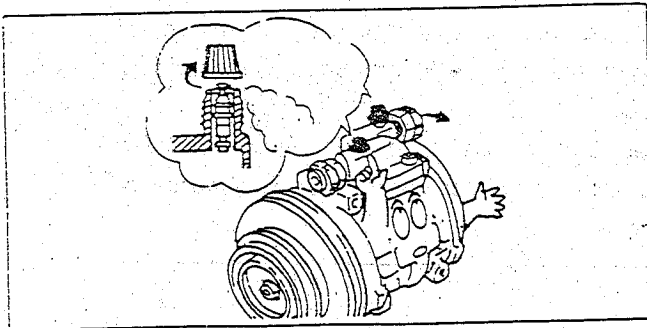
(5) Tightening or loosening line fittings, use two wrenches to prevent the pipes from twisting.



(6) Tighten coupling nuts according to specified torque.

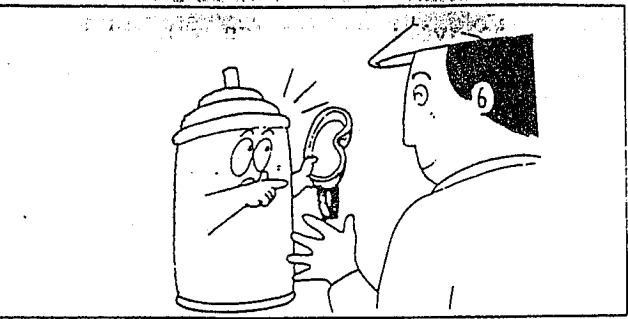


(7) Do not remove caps from fittings until each component is ready for connection.

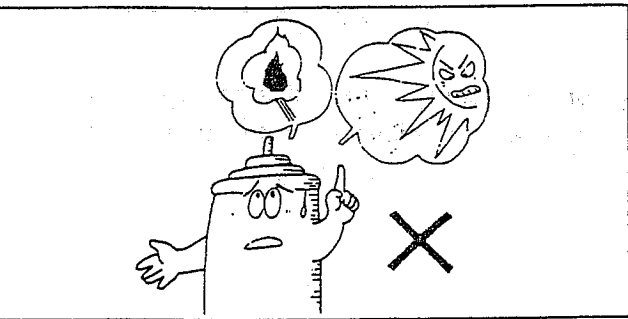


CAUTION

Remove caps from compressor slowly to allow refrigerant to escape. The compressor is shipped from the factory with a slight charge of refrigerant to prevent corrosion of seals.



- (8) Handling the refrigerant R-12, wear eye protection and be careful that liquid refrigerant does not contact skin.



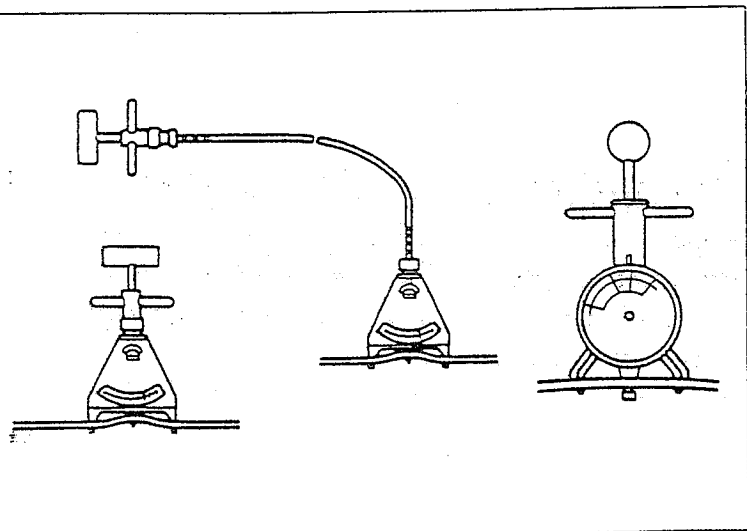
- (9) Keep the refrigerant container (service drum) below 40°C (100 °F). Follow manufacturer's instruction.

3. WHEN INSTALLING

- (1) All instructions are given from the driver's point of view.
- (2) Figures in parenthesis indicate diameter and length of bolt stem.

Example: (a) BOLT (M6 × \varnothing 16) means a hex head bolt which has 6mm thread diameter and 16mm in stem length.

(b) SCREW or TAPPING SCREW (\varnothing 6 × \varnothing 16) means a round head screw which has a 6mm thread diameter and a 16mm-stem.



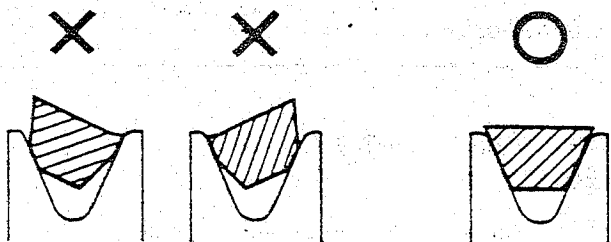
- (3) Installing the drive belt, check the belt tension using NIPPONDENSO BTG-20 or BURROUGHS BT-33-73F.

NOTE

- 1) "New belt" refers to a belt which has been used less than 5 minutes (poly-V-ribbed) or 15 minutes (non poly-V-ribbed) on a running engine.
- 2) "Used belt" refers to a belt which has been used on a running engine for 5 minutes or more.

CAUTION

- 1) *The belt requires accurate tension adjustment; weak tension is likely to cause the belt whine, while excessive tension may result in damage to accessory bearing or the idle pulley bracket.*
- 2) *After installing the drive belt, check that it fits properly in the ribbed grooves.*



(4) TIGHTENING TORQUE

UNIT: kg-cm <Nm> (ft-lbs)

Dia. X Pitch	4T BOLT		6T BOLT		8T BOLT	
M6 × 1.0	55	<5.0> (4.0)	80	<8.0> (5.8)	—————	
M8 × 1.25	130	<12.5> (9.4)	195	<19.0> (14.1)	300	<29.0> (21.7)
M10 × 1.25	260	<26.0> (18.8)	400	<39.0> (29.0)	620	<61.0> (44.9)
M12 × 1.25	480	<47.0> (34.8)	730	<71.0> (52.8)	1100	<110.0> (79.6)

1. INSTALLATION

CAUTION

Remove the battery ⊖ terminal at the beginning of installation.

1.1 INSTALLATION INSIDE PASSENGER COMPARTMENT

(1) REMOVAL OF PARTS

* Before installing the air conditioner, the following parts should be removed from the vehicle.

① TEMPORARY REMOVAL

(a) Under tray

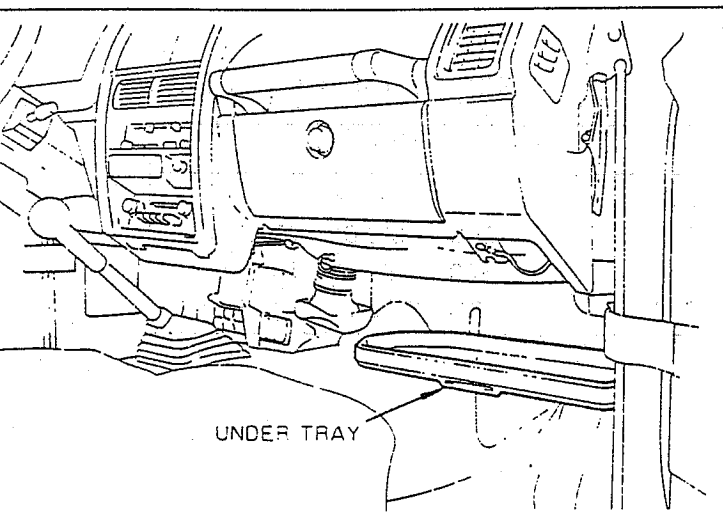


Fig. 1

(b) Ash tray & Ash tray bracket

(c) Knobs

(d) Heater control panel

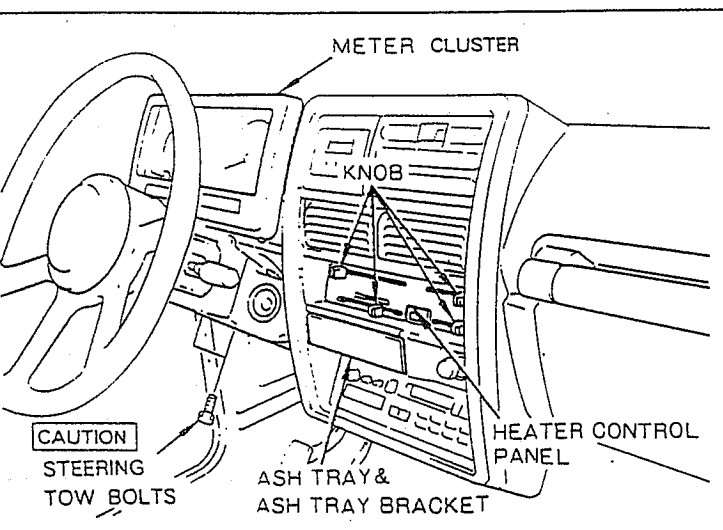


Fig. 2

NOTE

If car is equipped with radio. Center panel will have to be removed to route wire harness.

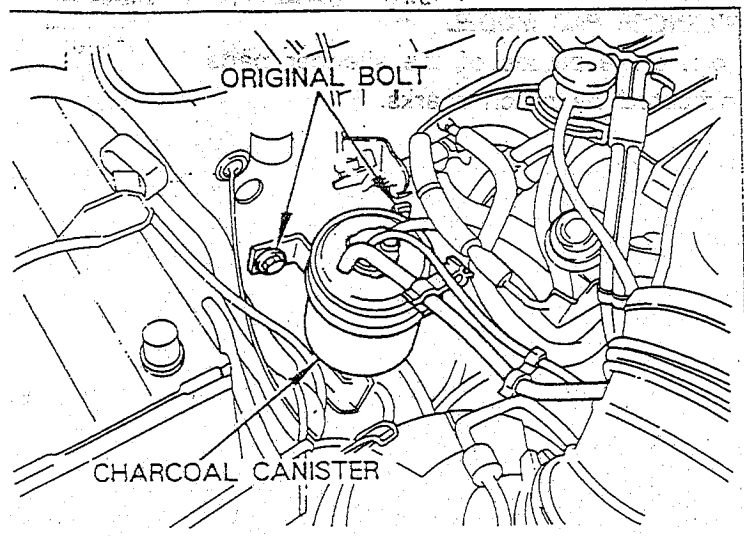


Fig. 3

(e) Charcoal canister

(f) Grommet(discard)

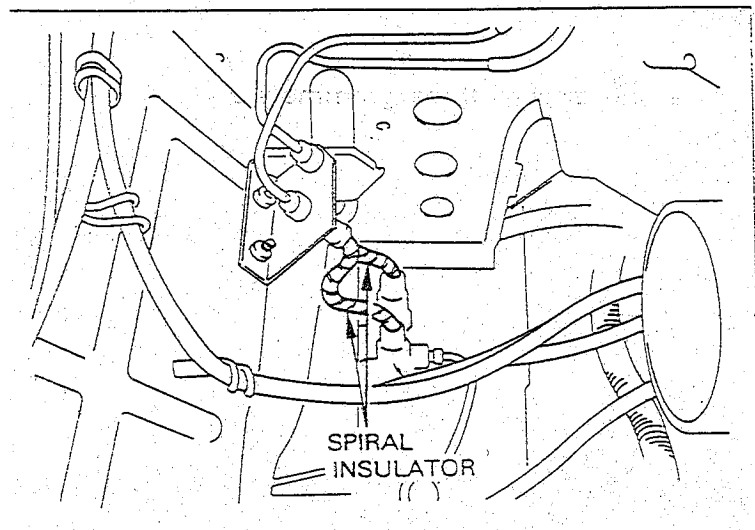


Fig. 4

(2) SPIRAL INSULATOR

(a) Wind two spiral insulators to brake hoses.

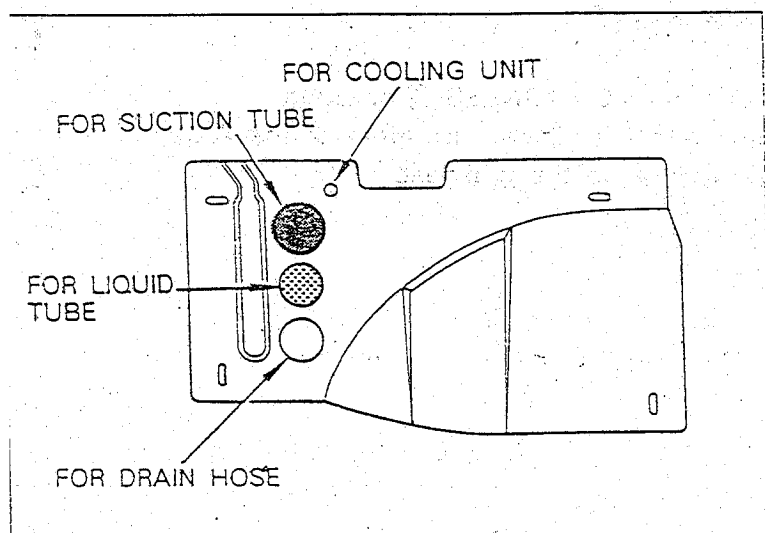


Fig. 5

(3) SILENCER PAD

■ THIN SILENCER PAD MODEL

(a) Cut out four pieces of the silencer pads as indicated by notch marks.

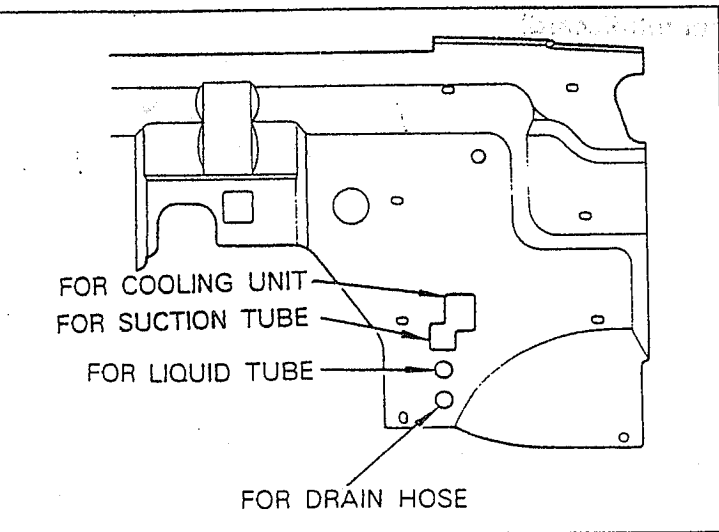


Fig. 6

■ THICK SILENCER PAD MODEL

- (b) Cut out three pieces of the silencer pads as indicated by notch marks.

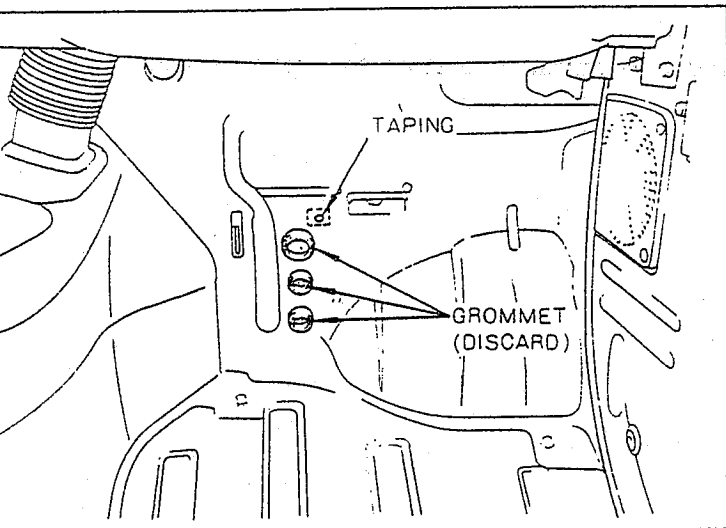


Fig. 7

(4) GROMMETS

- (a) Remove and discard three grommets and taping.

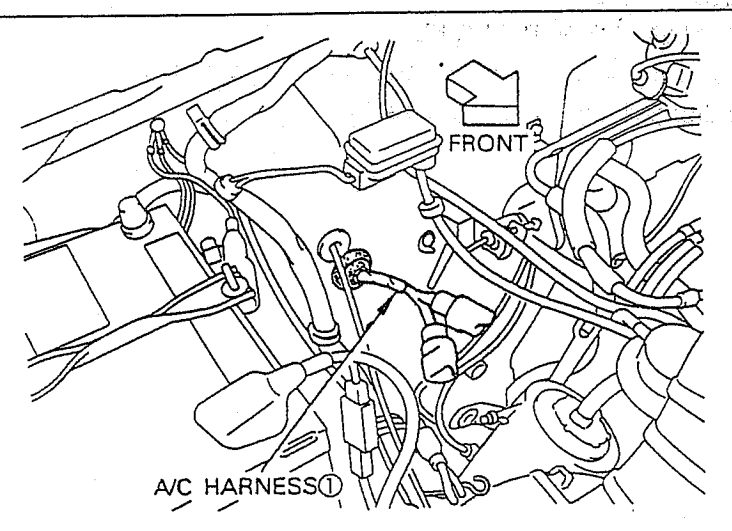


Fig. 8

(5) A/C HARNESS ①

- (a) Pass the A/C HARNESS ① through bulkhead then install grommet of the A/C harness ① to the bulkhead.

(b) Bend plate on the bulkhead using piler.

NOTE

If plate is not bent, possible interfere may cause damage to suction tube of cooling unit.

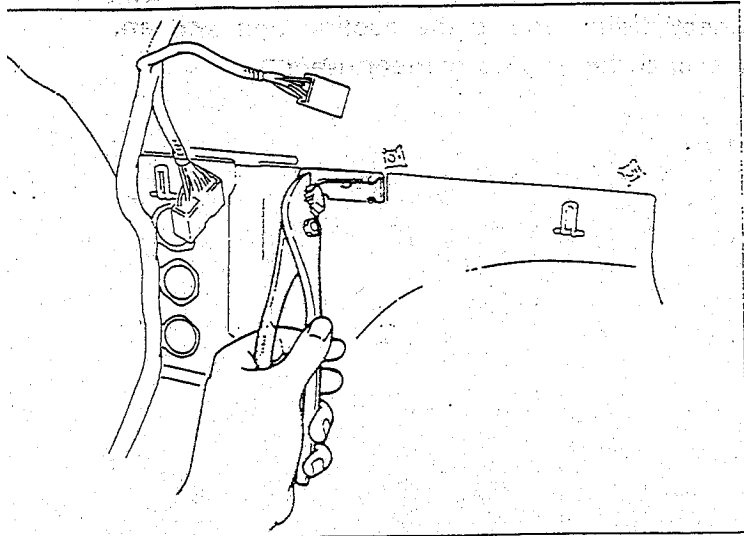


Fig 9

(c) Cut out slit of heater assy.

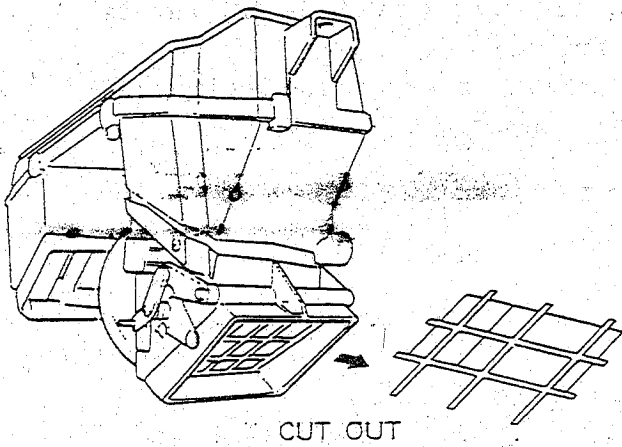


Fig10

(6) COOLING UNIT

- (a) Install cooling unit using lock bolt and nut.
- (b) Fasten the cooling unit using bracket and three tapping screws.

NOTE

Mount the lock bolt to the cooling unit. Then install the cooling unit.

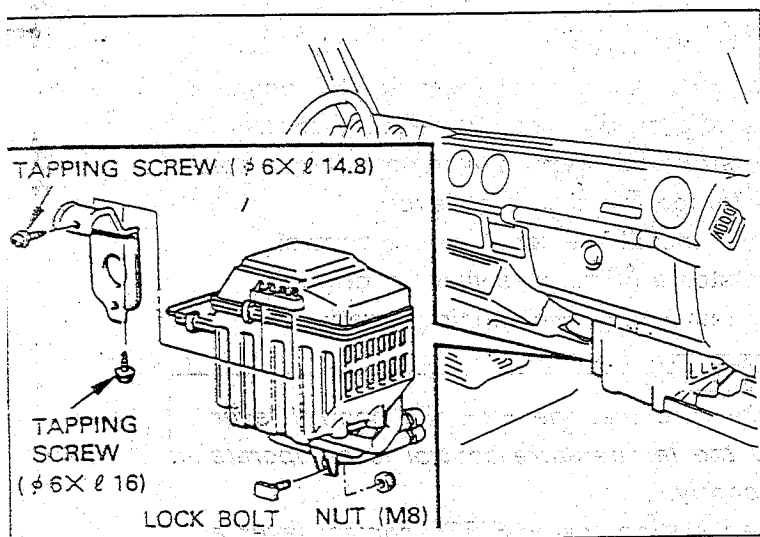


Fig.11

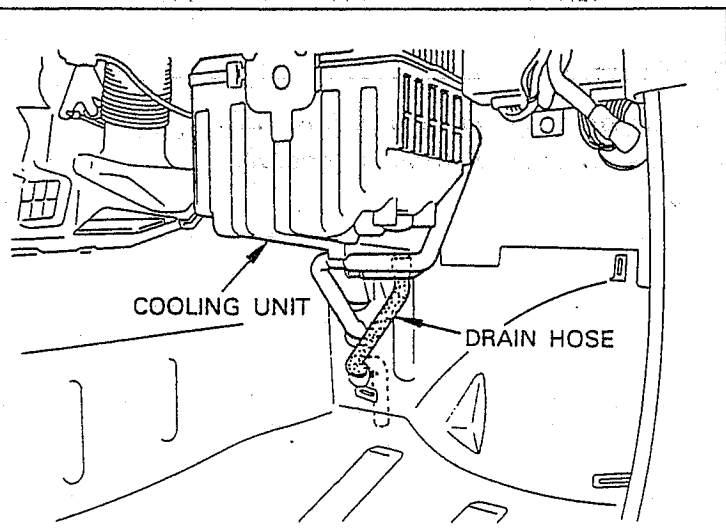


Fig.12

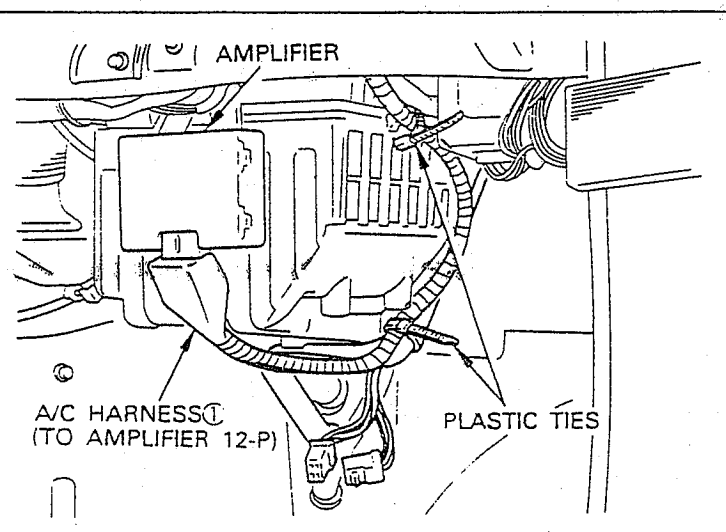


Fig.13

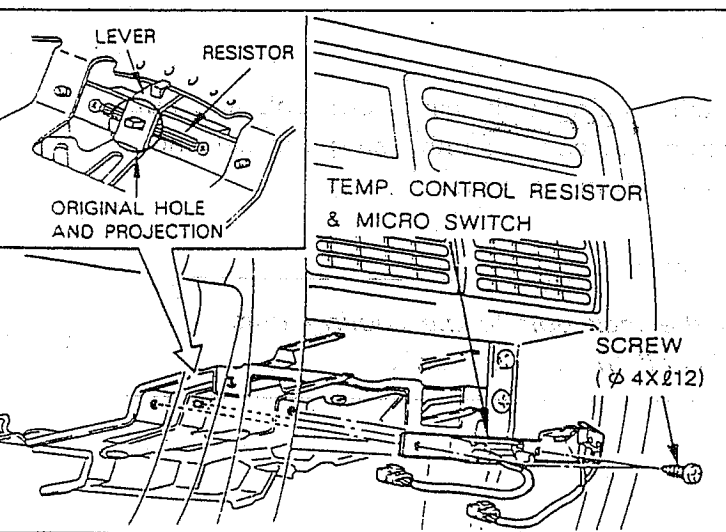


Fig.14

(c) Connect drain hose to the cooling unit and put it into the engine compartment.

(d) Install amplifier onto the cooling unit.

(e) Connect 12-P connector of the A/C harness to the amplifier.

(f) Fasten the A/C harness to the cooling unit using two plastic ties.

(7) TEMPERATURE CONTROL RESISTOR AND MICRO SWITCH

(a) Set FRS/REC control lever at REC position.

(b) Insert projection of temperature control resistor and micro switch to original hole of temperature control lever.

(c) Then install the temperature control resistor and micro switch to original bracket using two tapping screws.

NOTE

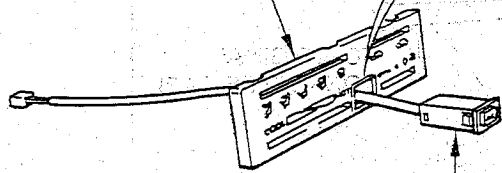
1. Make sure that the FRE/REC control lever and the temperature control lever operate smoothly.
2. When setting the FRE/REC control lever at REC position, be sure the micro switch operates smoothly.

(8) A/C SWITCH

- (a) Cut out blind cap from original heater control panel.
- (b) Install A/C switch to the original heater control panel.

ORIGINAL HEATER CONTROL PANEL

CUT OUT



A/C SWITCH

Fig.15

(9) GROMMETS

- (a) Install two grommets to liquid and suction tubes.
- (b) Install grommet to the drain hose.

GROMMET

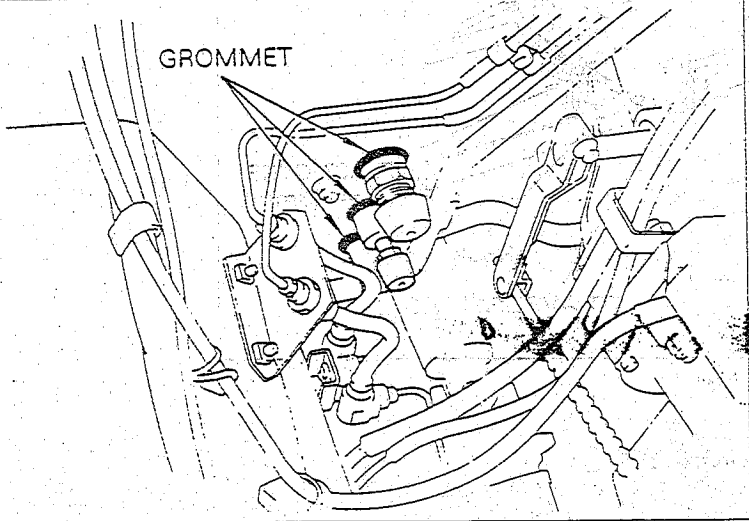


Fig.16

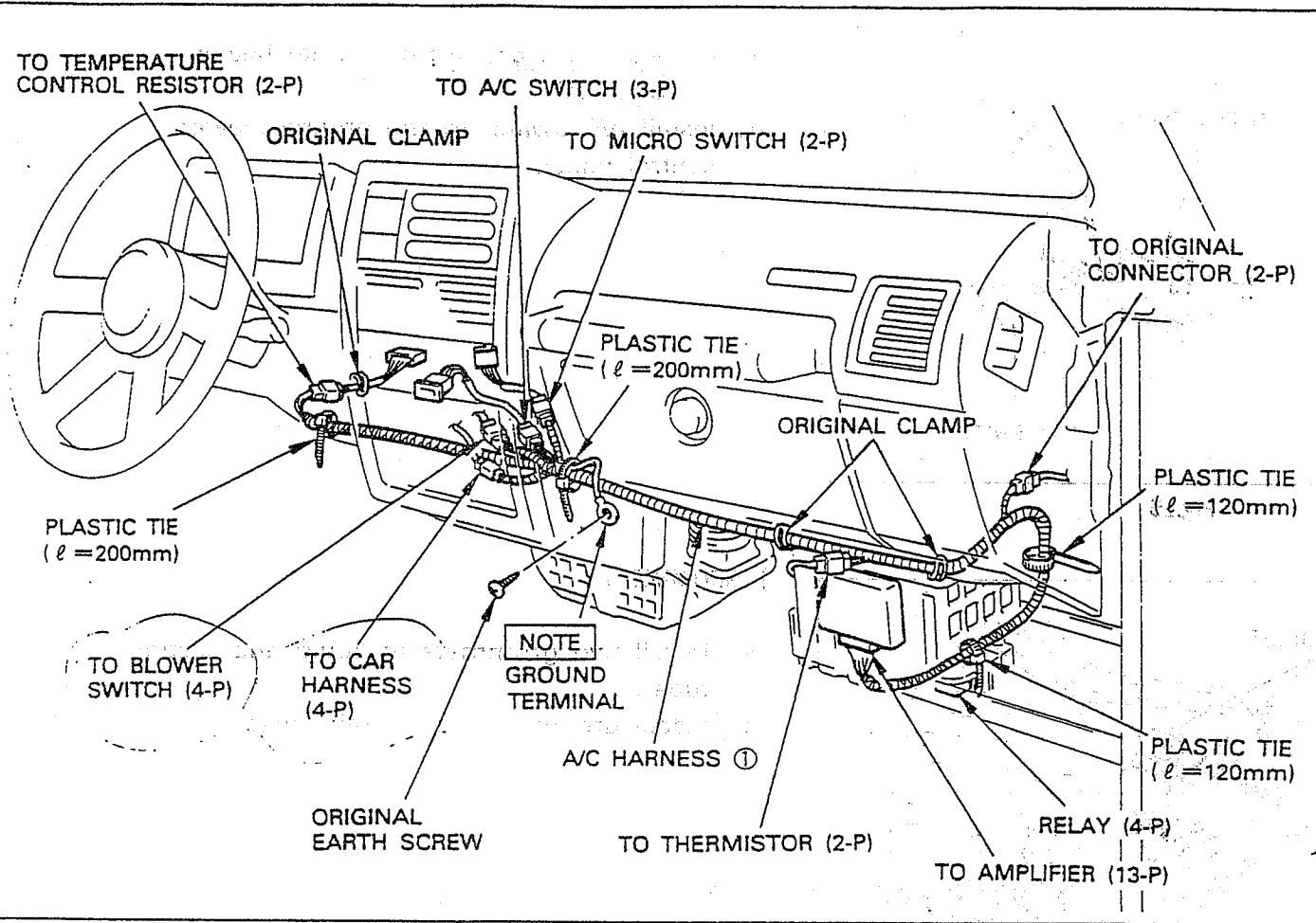


Fig.17

(10) A/C HARNESS ①

- (a) Route the A/C HARNESS ① as shown.
- (b) Fasten the A/C HARNESS ① using original clamps and two plastic ties.

NOTE

If the original earth screw is not found on the car, use the earth screw (φ 6 × ℓ 12) provided in the kit.

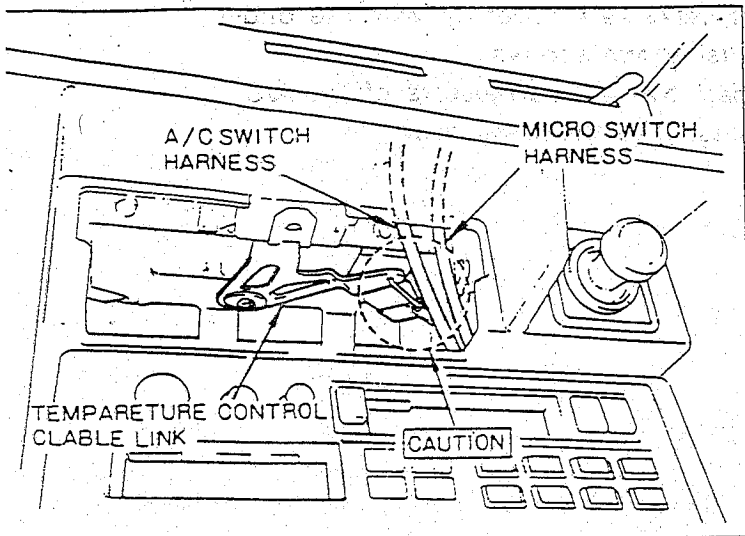


Fig.18

CAUTION

Make sure that the A/C switch harness and micro switch harness do not interfere with temperature control cable link.

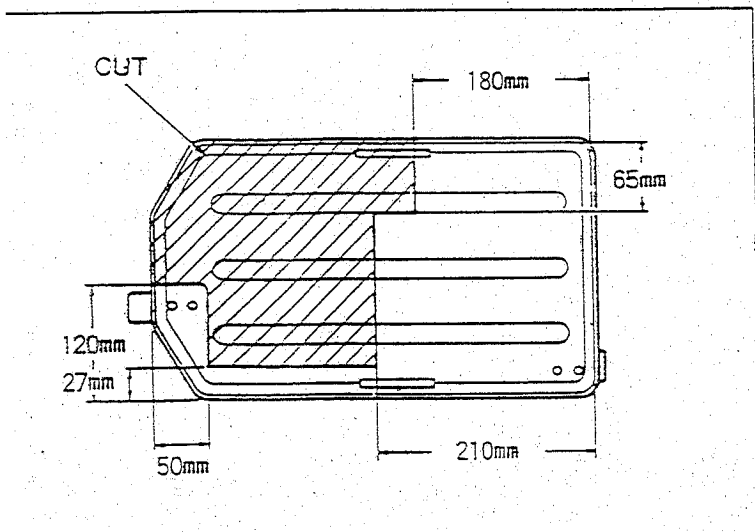


Fig.19

(11) UNDER TRAY

(a) Cut the under tray according to dimension as shown.

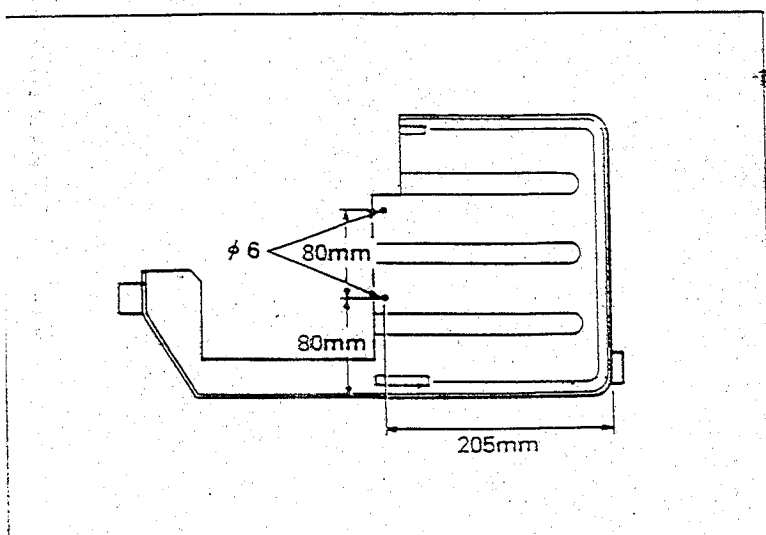


Fig.20

(b) Drill two 6mm(0.24in) diameter holes as shown.

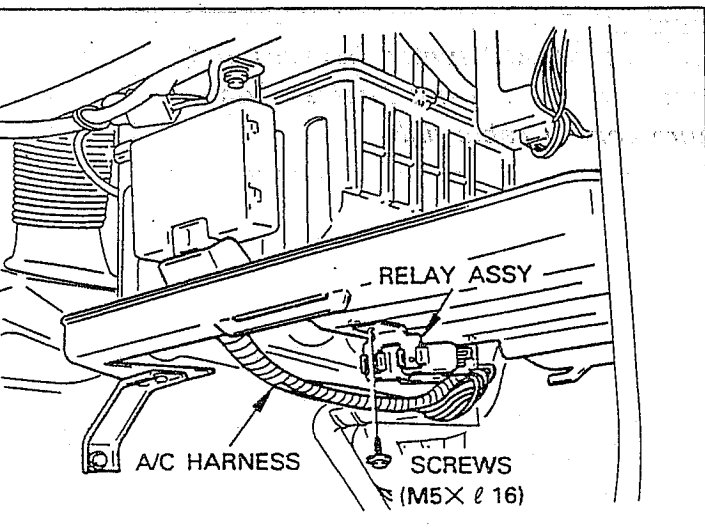


Fig.21

- (c) Install relay assy together with the under tray using two screws.
- (d) Connect two 4-P connectors of the A/C harness ① to the relay assy.

1.2 INSTALLATION INSIDE ENGINE COMPARTMENT

(1) REMOVAL OF PARTS

*Before installing the air conditioner, following parts should be removed.

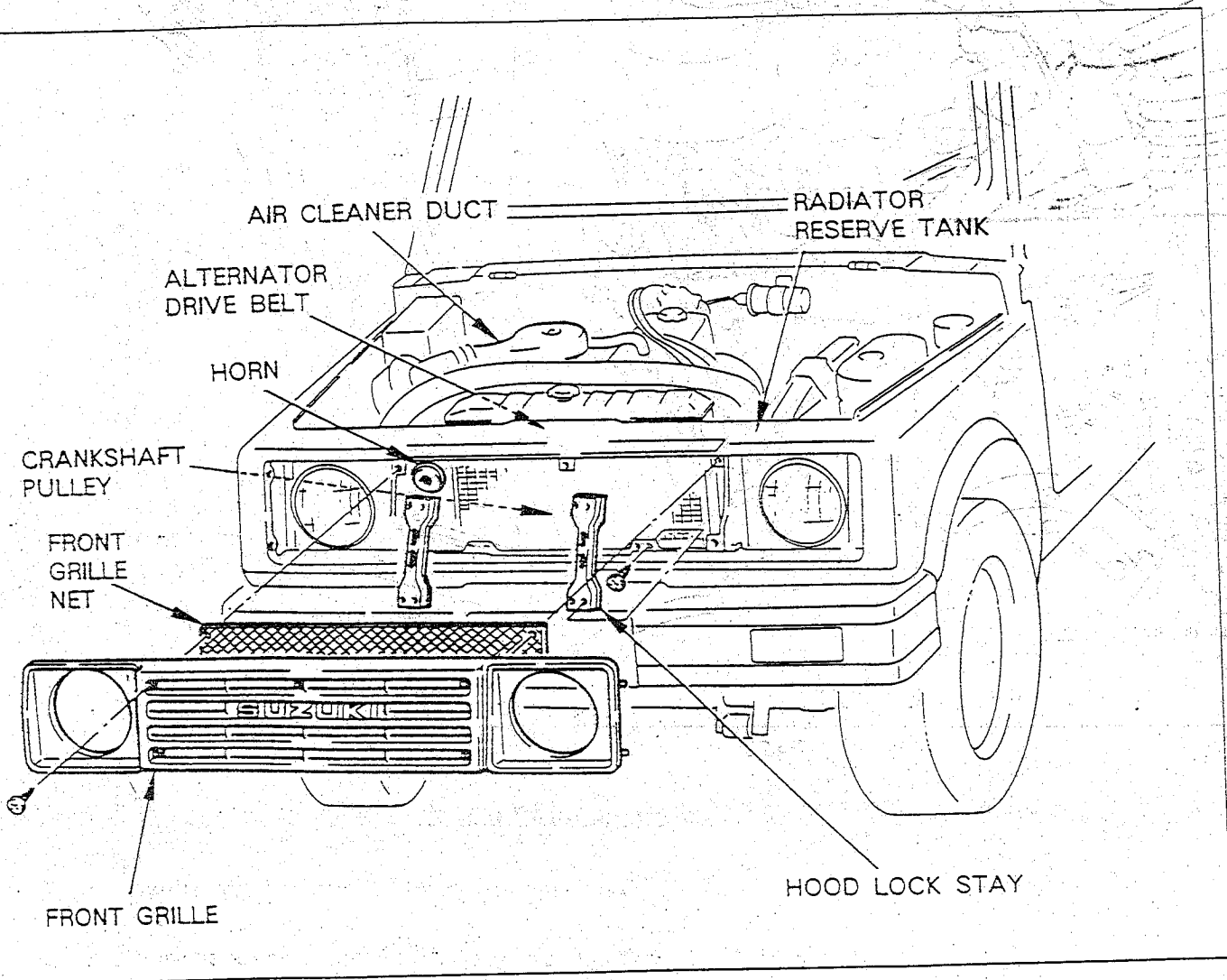


Fig 22

① TEMPORARY REMOVAL

- (a) Radiator reserve tank
- (b) Front grille
- (c) Hood lock stay
- (d) Horn
- (e) Alternator drive belt
- (f) Air cleaner duct
- (g) Front grille net

② PERMANENT REMOVAL

- (a) Crankshaft pulley

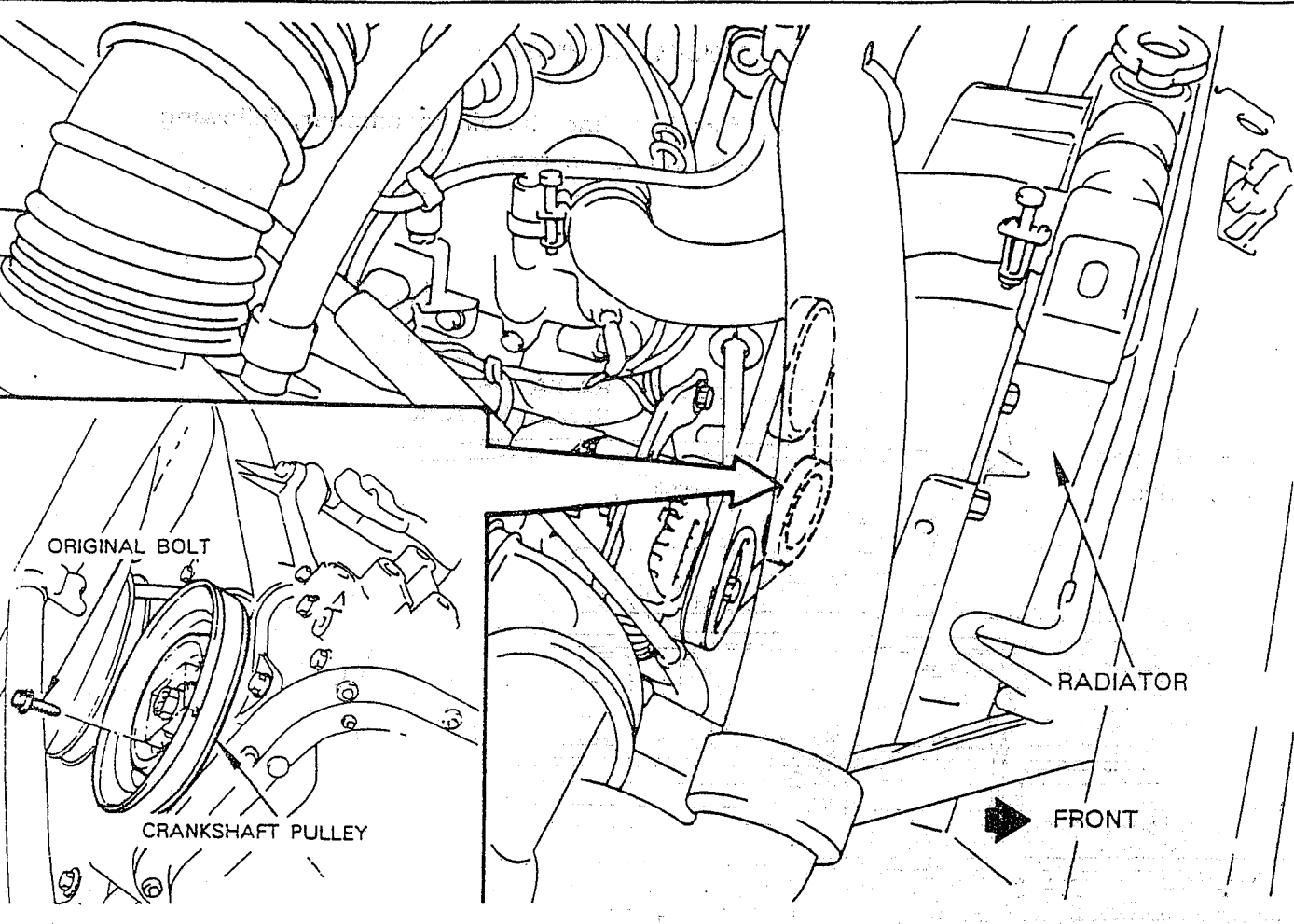


Fig 23

(2) CRANKSHAFT PULLEY

- (a) Remove and discard original crankshaft pulley.
- (b) Clean up surface of the crankshaft and inner and outer surface of new crankshaft pulley boss.
- (c) Install the new crankshaft pulley using original bolts.

Tightening torque ;
80-120 kg-cm (6-9 ft-lbs)

NOTE

1. When fitting the pulley to crankshaft, be careful not to damage the new pulley or crankshaft oil seal.
2. Position the crankshaft pulley key upward to avoid dropping it when fitting the new crankshaft pulley.

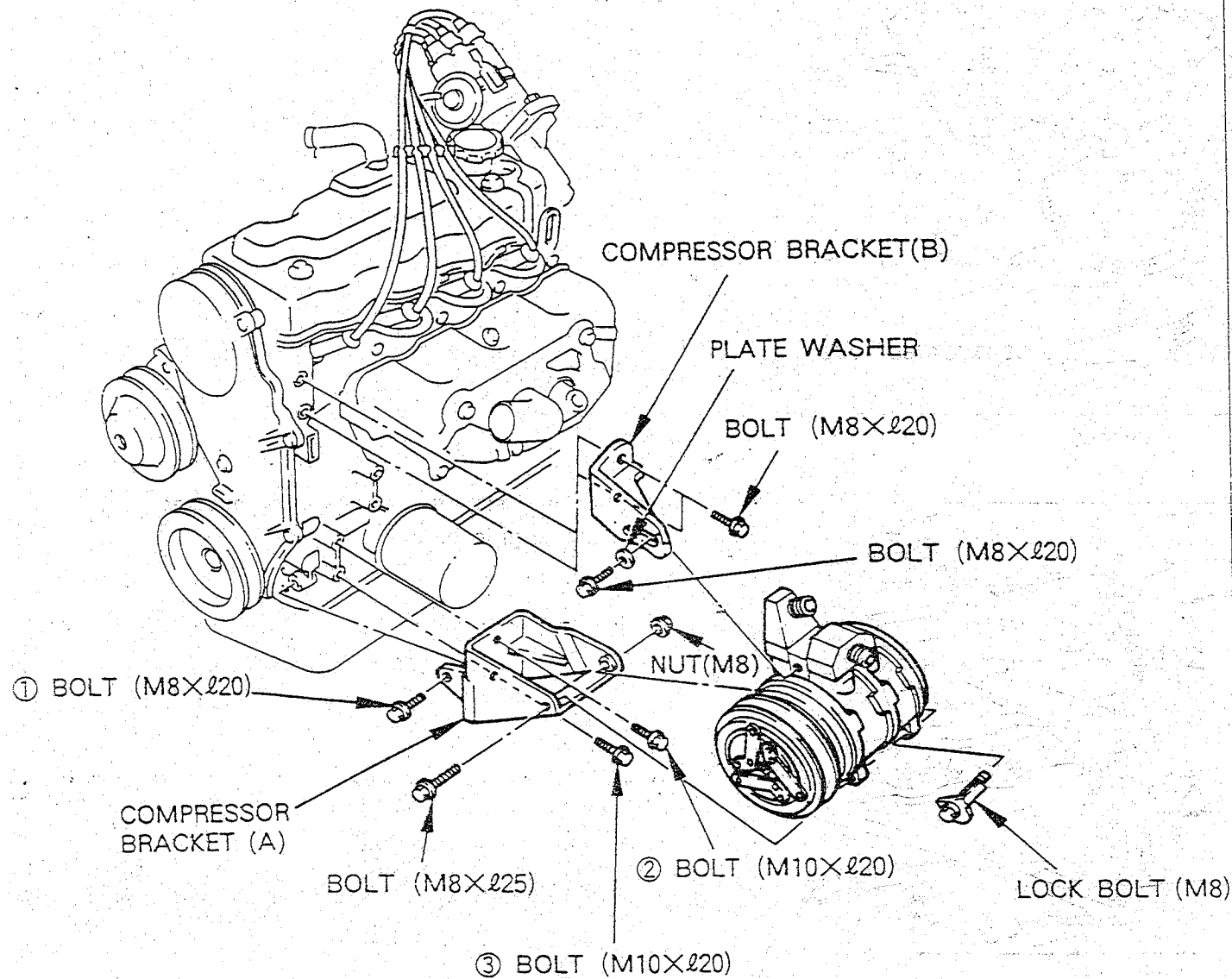


Fig.24

(3) COMPRESSOR

- (a) Install compressor bracket(A) to the engine block using three bolts.

Tightening order ; ① ⇨ ② ⇨ ③

Tightening torque ;

M10 bolt 400-550 kg-cm (29-40 ft-lbs)

M8 bolt 200-300 kg-cm (15-22 ft-lbs)

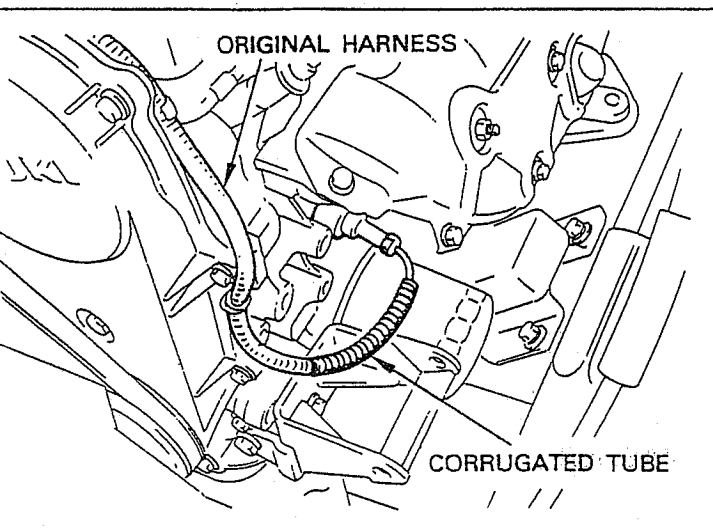


Fig.25

- (b) Wind the corrugated tube to the original harness.

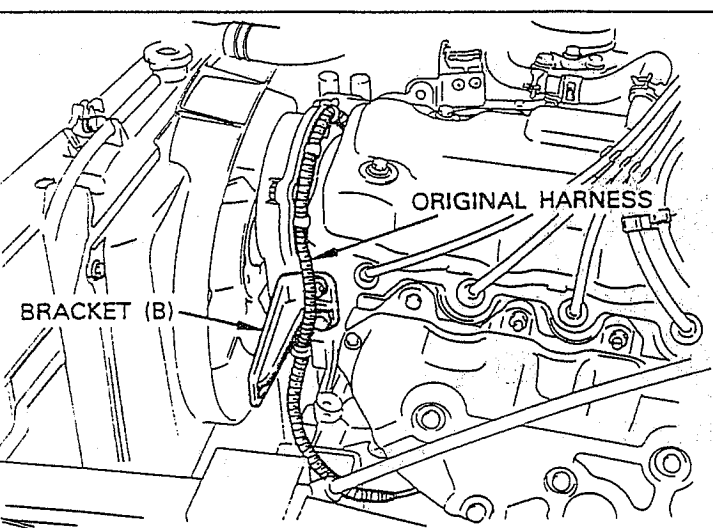


Fig.26

- (c) Temporarily install the compressor bracket (B) to the engine block.

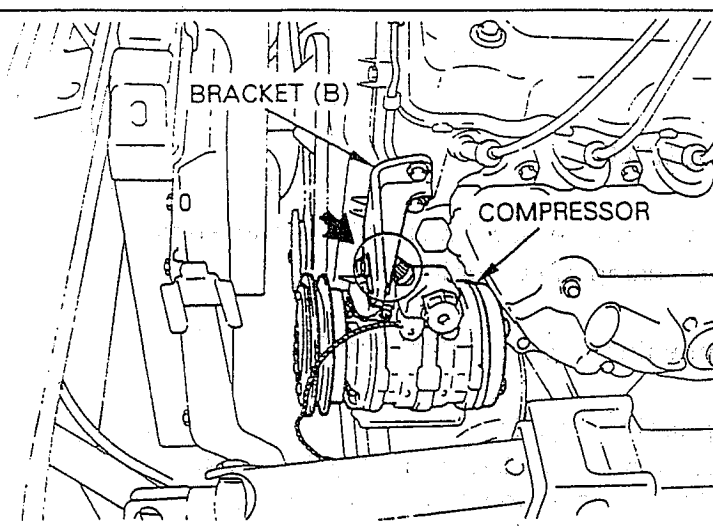


Fig.27

- (d) Temporarily install compressor using three bolts. Then adjust the position of the compressor bracket(B) just touching the compressor.
- (e) Tighten the compressor bracket(B) tightening bolts.

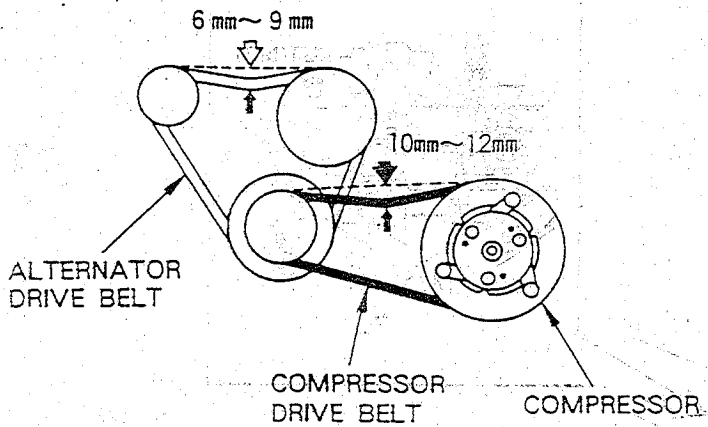


Fig.28

(f) Reinstall the alternator drive belt.

(g) Adjust belt tension by moving the alternator.

Belt deflection with 10kg(22 lbs) force.

6.0 - 9.0 mm (0.24 - 0.35 in.)

(h) Install compressor drive belt.

(i) Adjust belt tension by moving the compressor.

Belt deflection with 10kg(22 lbs) force.

10.0 - 12.0 mm (0.39 - 0.47 in.)

(j) Fasten the compressor by tightening three bolts.

Tightening torque:

200-300 kg-cm (15-22 ft-lbs)

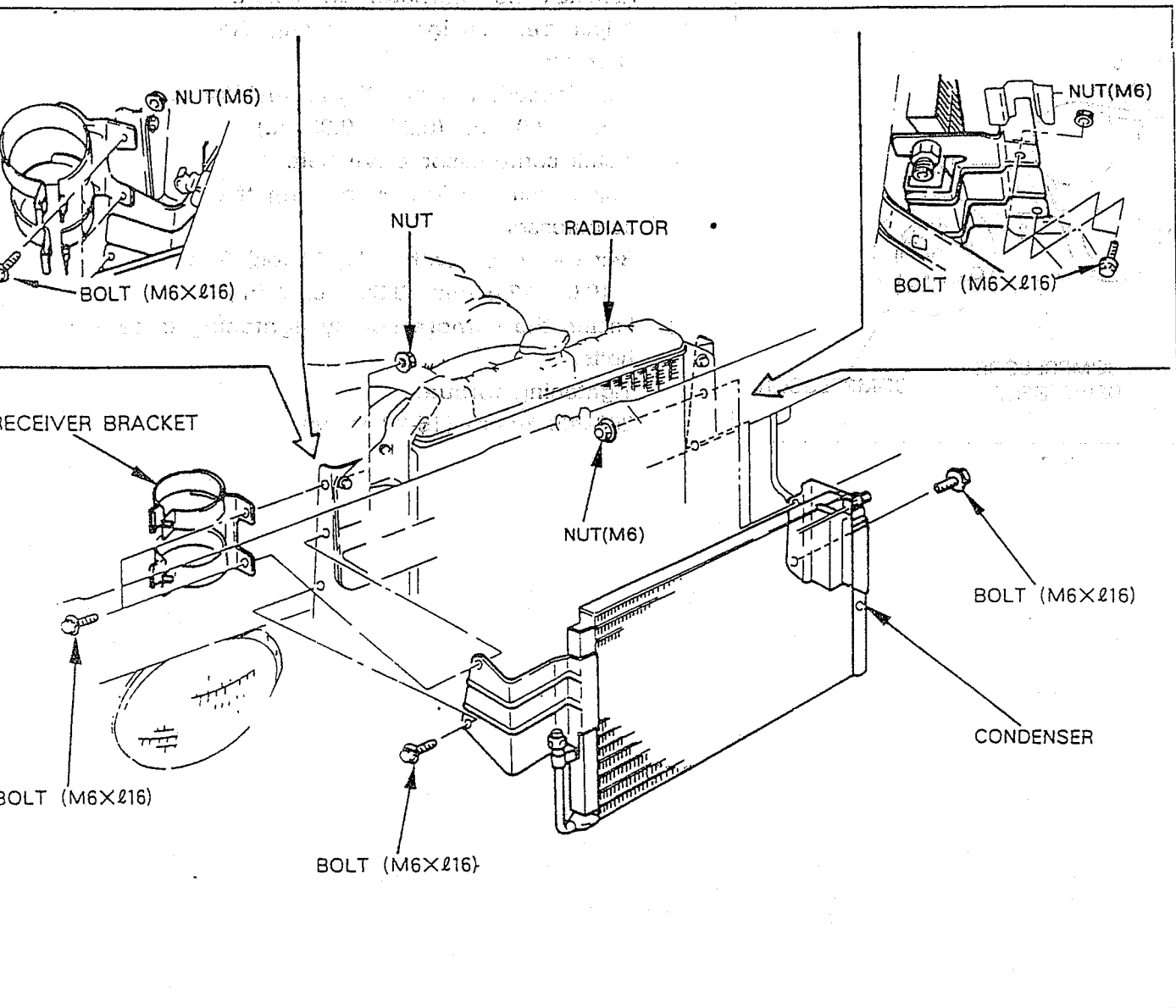


Fig.29

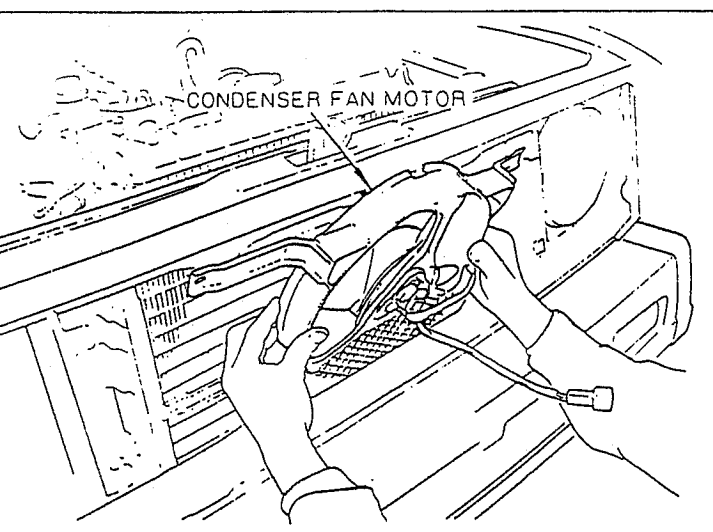


Fig.30

(4) CONDENSER

- (a) Temporarily place condenser in front of radiator.
- (b) Temporarily place condenser fan motor in front of the condenser.
- (c) Install the condenser together with receiver bracket.

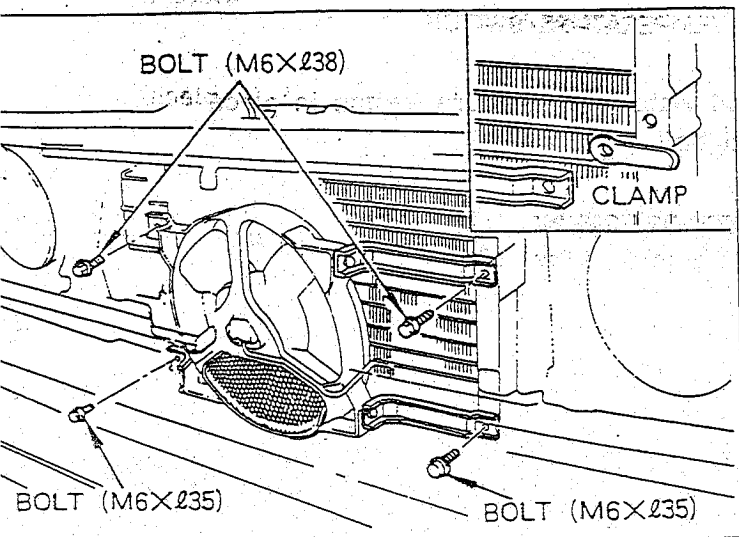


Fig.31

- (d) Install the condenser fan motor to the condenser together with clamp using four bolts.

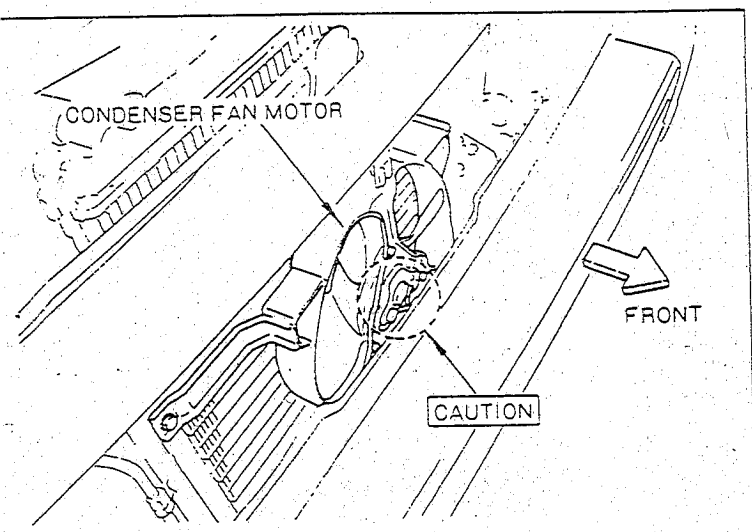


Fig.32

CAUTION

Make sure that the condenser fan motor does not interfere with the body. If the condenser fan motor interferes with the body, move the radiator to maintain proper distance between the condenser fan motor and the body. At that time make sure that the original cooling fan does not interfere with the radiator.

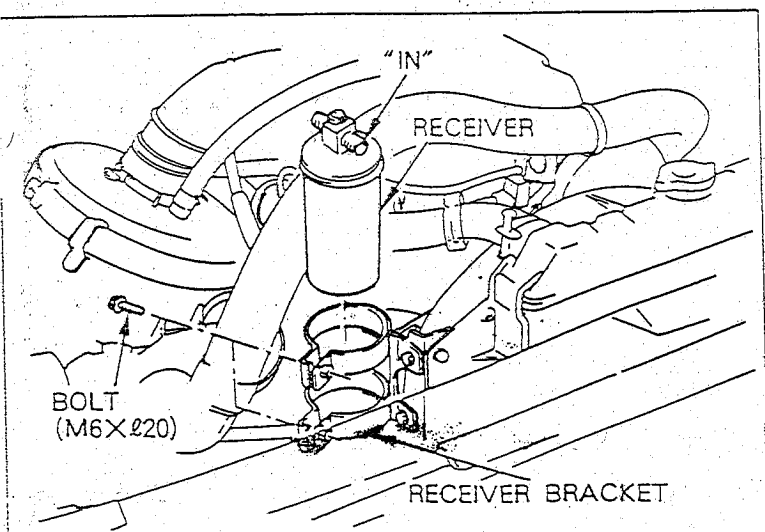


Fig.33

(5) RECEIVER

- (a) Temporarily install receiver to the receiver bracket using two bolts.

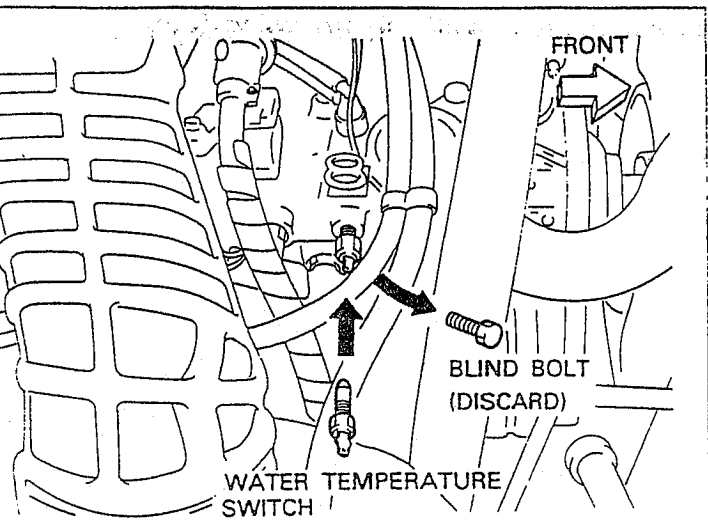


Fig.34

(5) WATER TEMPERATURE SWITCH

- (a) Install water temperature switch in place blind bolt.

Tightening torque:

120 Kg-cm(9 ft-lbs, 12 Nm)

1.3 PIPING

* Before making any hose and tube connections, apply a few drops of refrigerant oil to the seat of O-ring and coupling nuts.

* When tightening and loosening fittings, use two wrenches for support.

Standard Torque for O-ring Fitting

Size of Tube (inch)	Fitting Torque		
	kg-cm	(ft-lbs)	(N-m)
0.31	140	(10.1)	(13.7)
0.50	230	(16.6)	(22.5)
0.62	330	(23.8)	(32.3)

(1) LIQUID TUBE

- (a) Connect liquid tube (A) between the receiver inlet fitting marked "IN" and condenser outlet fitting.

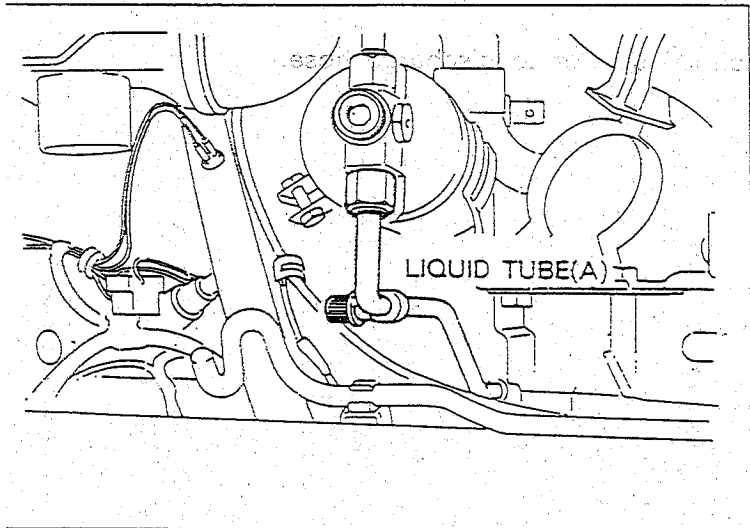


Fig.35

- (b) Connect liquid tube (B) between the receiver outlet fitting and cooling unit inlet fitting.

CAUTION

1. Route the liquid tube (B) under battery \oplus cable and above ground cable.
2. Keep gap between the liquid tube (B) and the ground cable more than 15mm.

- (c) Fasten ground cable using original clamp.
(d) After connecting the liquid tube (B), fasten the receiver.

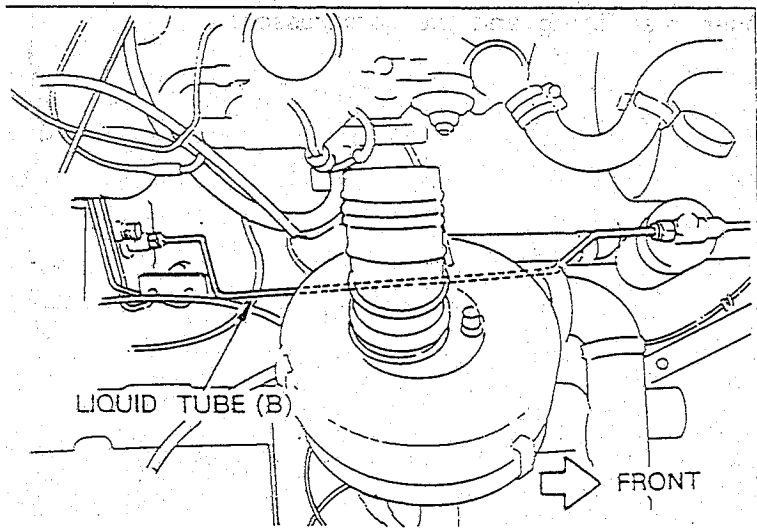


Fig.36

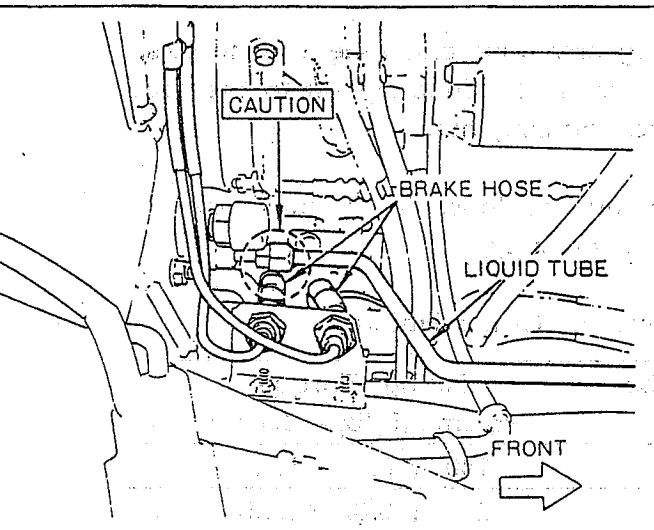


Fig.37

CAUTION

Make sure that keep gap between the liquid tube (B) and brake hose more than 5mm (0.2in.), bend the liquid tube (B) by hand to maintain proper distance between the brake hose and the liquid tube (B).

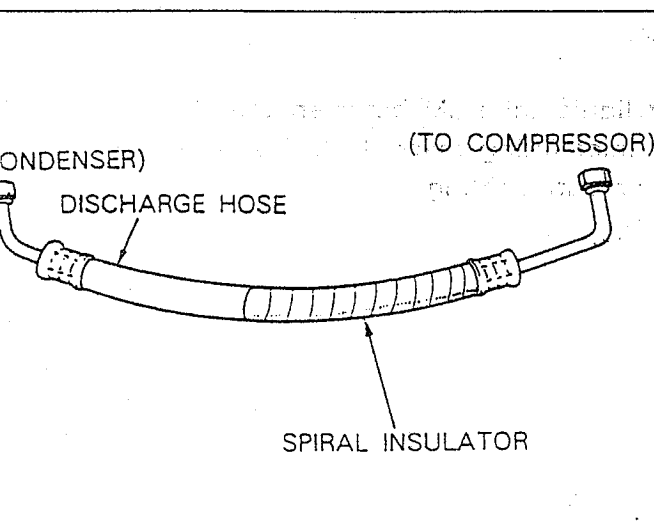


Fig.38

(2) DISCHARGE HOSE

(a) Wind spiral insulator to discharge hose.

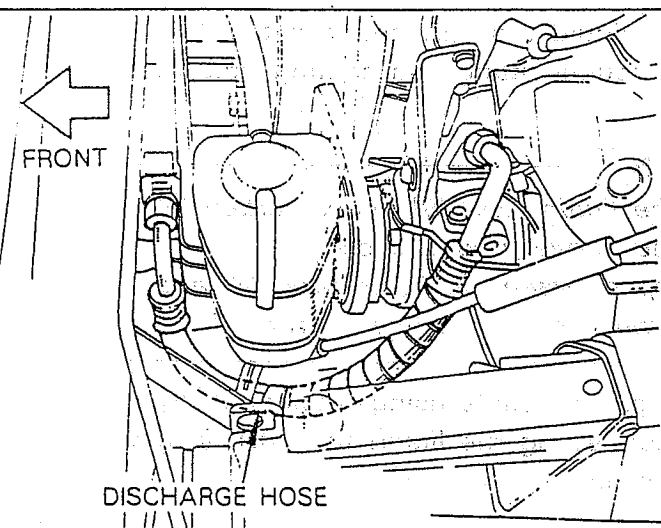


Fig.39

(b) Connect the discharge hose between the condenser inlet fitting and the compressor.

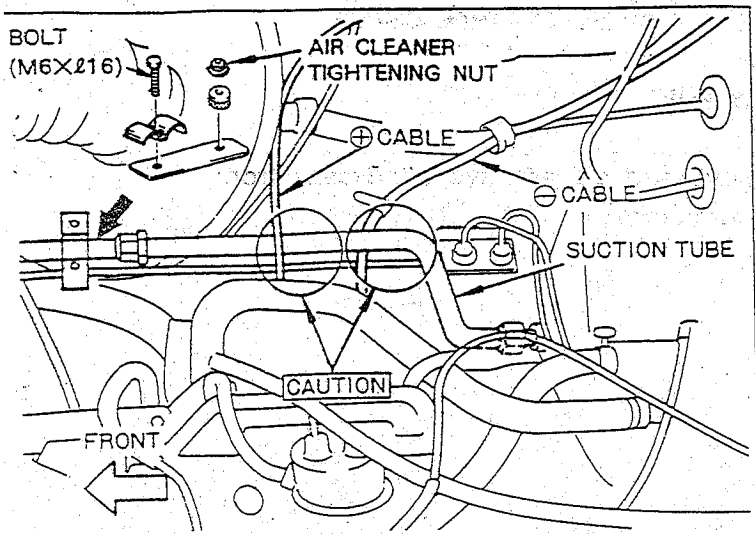


Fig.40

(3) SUCTION HOSE AND SUCTION TUBE

- (a) Connect suction tube to the cooling unit outlet fitting.

CAUTION

1. Route the suction tube under battery \oplus cable and above ground cable.
2. Keep gap between the suction tube and the ground cable more than 15mm.

- (b) Fasten the battery \oplus cable using original clamp.
- (c) Connect suction hose to the suction tube.
- (d) Fasten the suction hose and liquid tube (B) using two clamps, bolt and air cleaner tightening bolt.

- (e) Connect the suction hose to the compressor.

- (f) Fasten the suction hose to the engine using clamp and bolt.

CAUTION

1. Make sure that keep gap between the suction hose and air cleaner more than 20mm.
2. Make sure that keep gap between the suction hose and radiator upper hose more than 15mm.

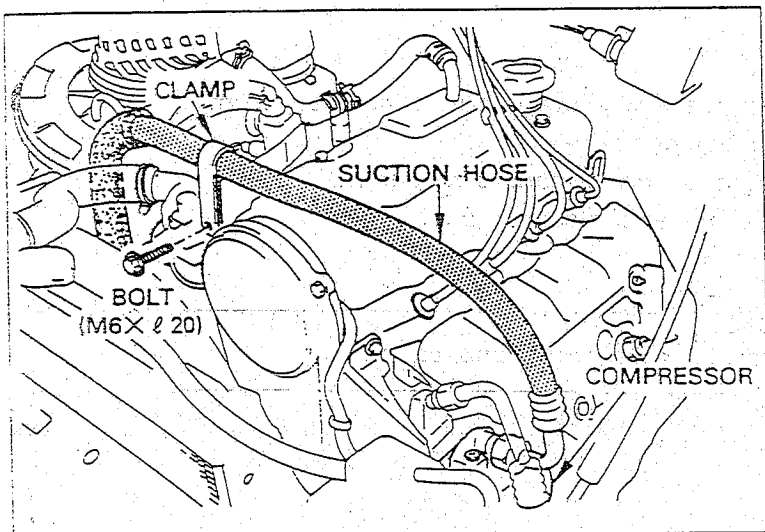


Fig.41

(4) SPIRAL INSULATOR

- (a) Wind spiral insulator to radiator lower hose.

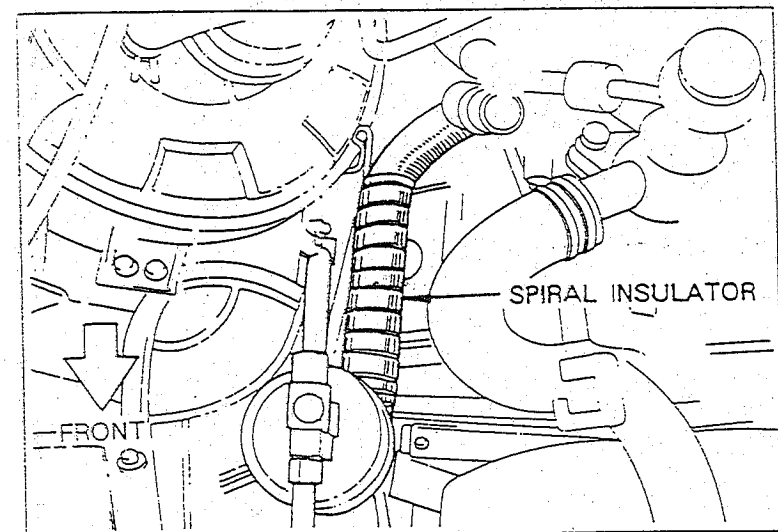


Fig.42

1.4 ENGINE IDLE SPEED CONTROL DEVICE

(1) VACUUM PORT

- (b) Remove and discard two blind caps from vacuum ports.

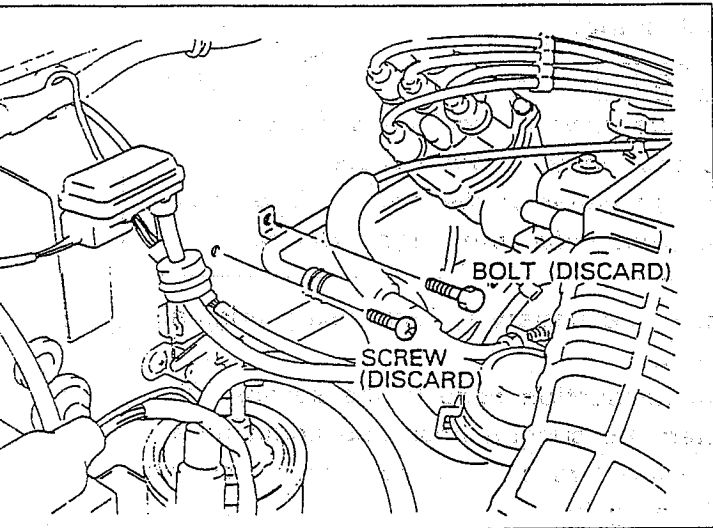


Fig.43

(2) VSV

- (a) Remove and discard bolt and screw from the bulkhead.
- (b) Remove and discard 3-way joint.
- (c) Remove and discard collar.

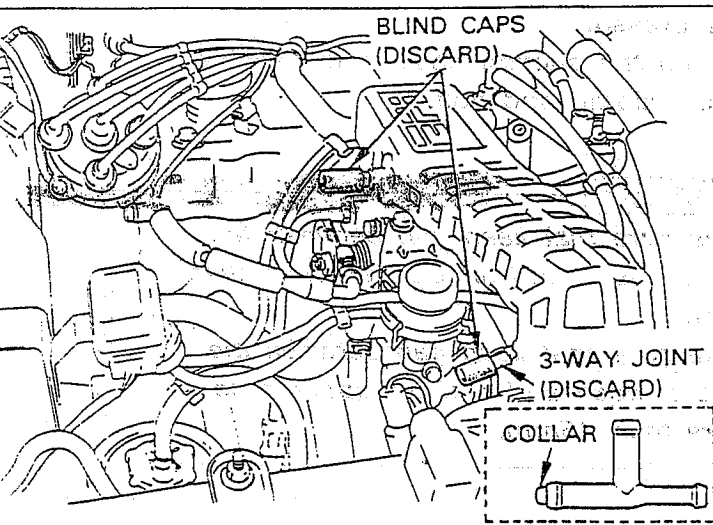


Fig.44

NOTE

Discard the 3-way joint and collar.

- (d) Install VSV on the bulkhead using two bolts.

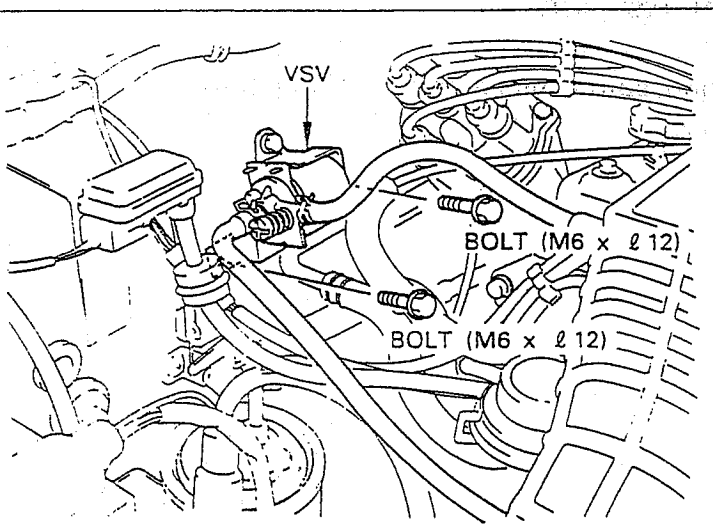


Fig.45

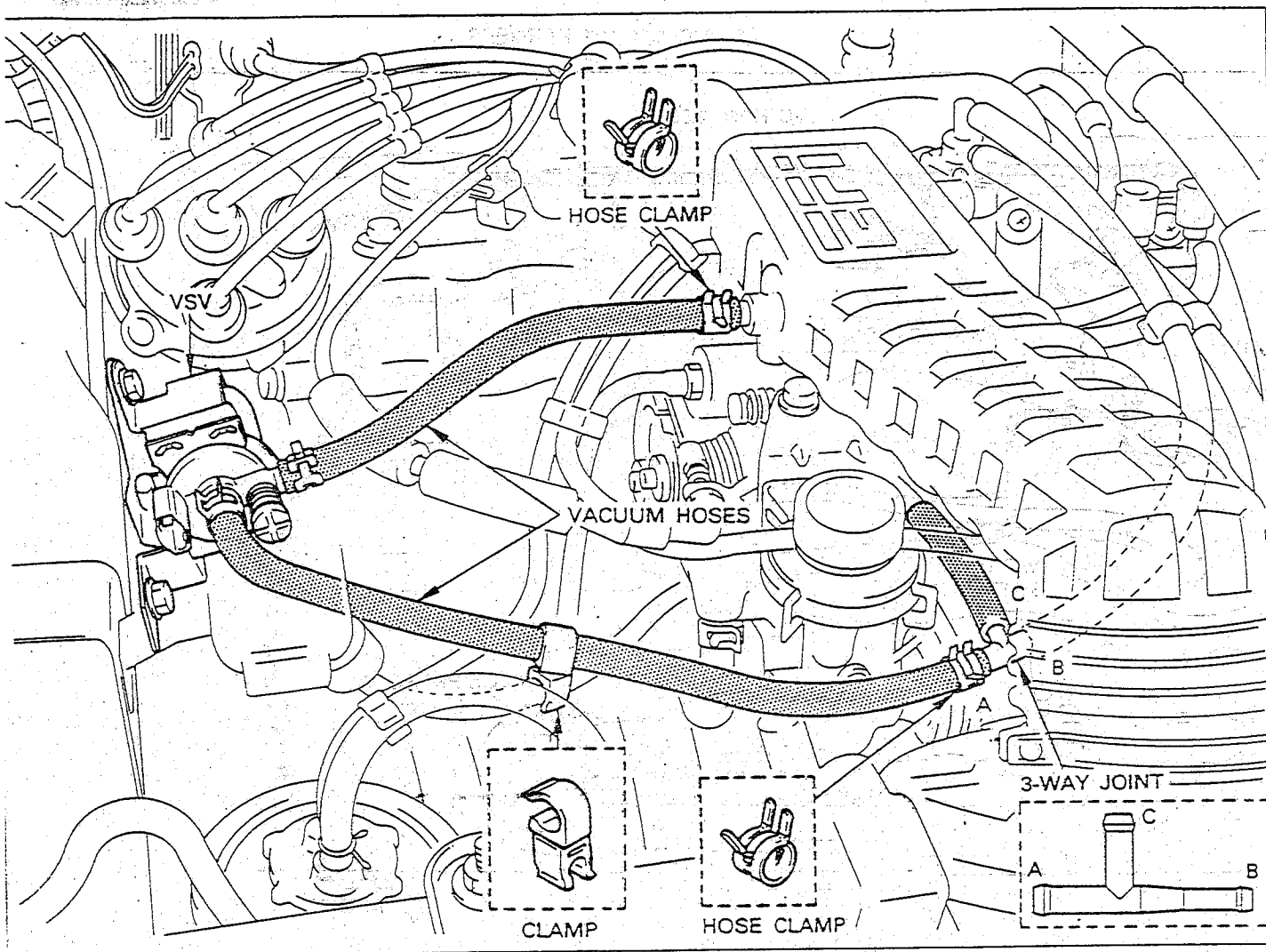


Fig.46

(3) VACUUM HOSE

- (a) Install two hose clamps to the vacuum hoses.
- (b) Connect new 3-way joint to the original vacuum hose.
- (c) Connect the vacuum hoses to the vacuum port and the 3-way joint.
- (d) Fasten the two vacuum hose using clamp.

1.5 A/C WIRING HARNESS

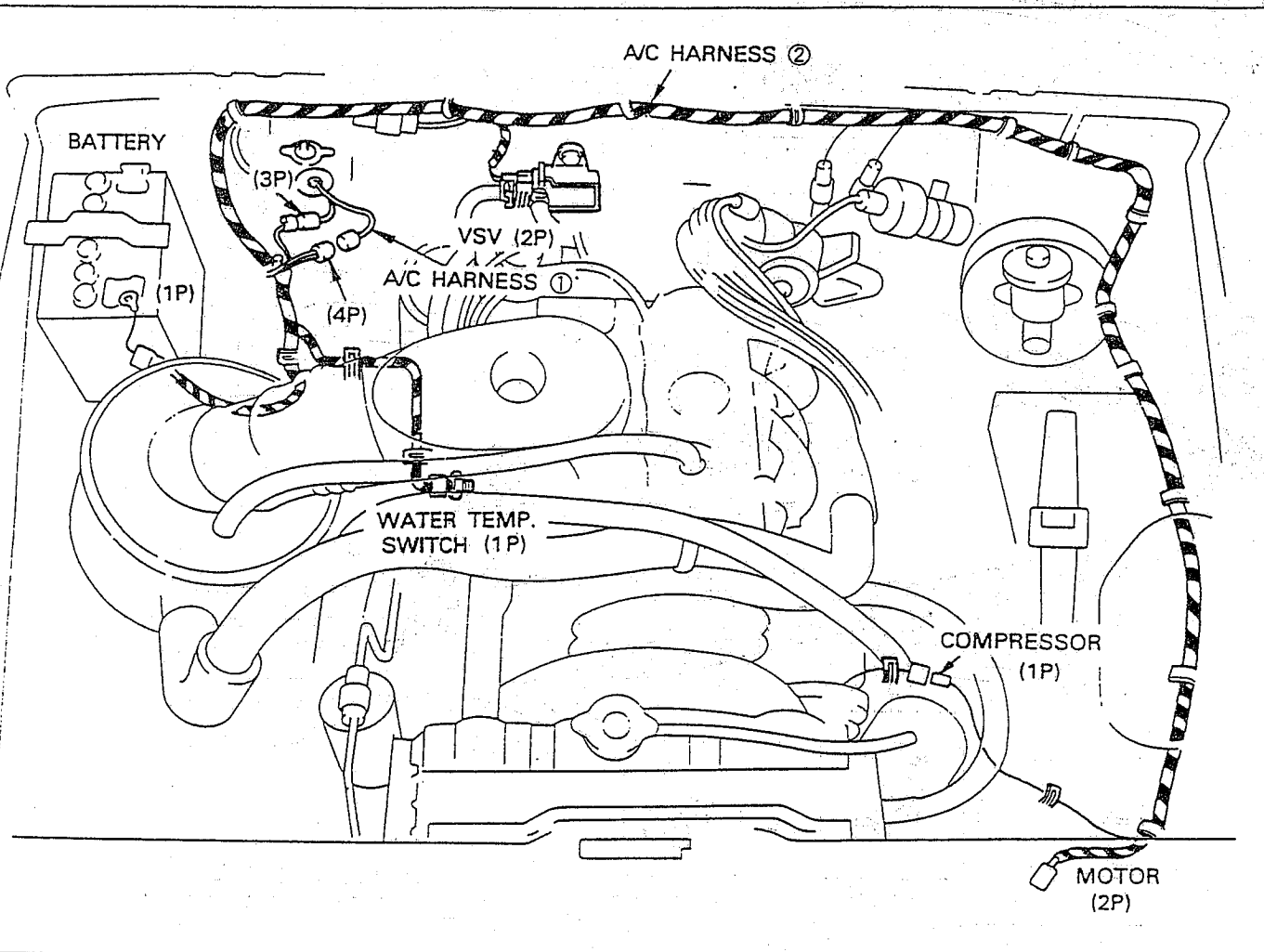


Fig.47

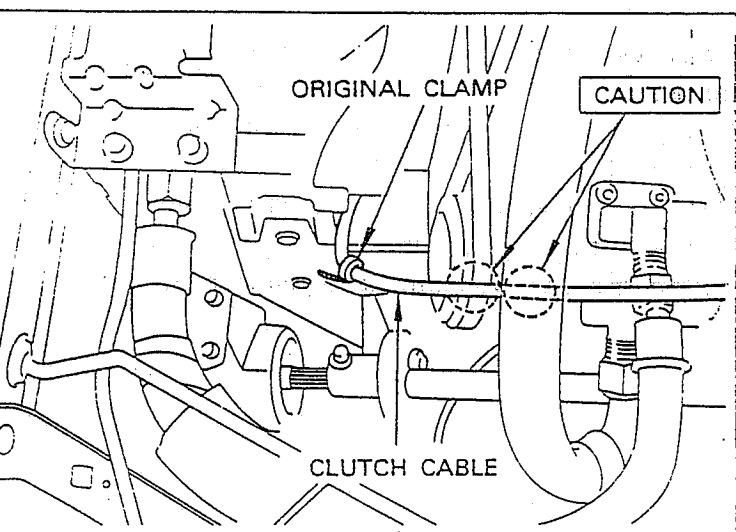


Fig.48

- Connect the A/C harness ② to the A/C harness ①.
- Route the A/C harness ② along the vehicle wire harness.
- Fasten the A/C harness ② using original clamps.
- Refasten the original clamp not to interfere the clutch cable with compressor drive belt and suction hose.

CAUTION

Keep gap more than follows.

Clutch cable — Drive belt 20mm

Clutch cable — Suction hose 15mm

FINISH

GENERAL

- After finishing installation completely, reinstall all parts removed temporarily.
- Make a through inspection on gas leakage and various details, then charge the air conditioning system with refrigerant.

Standard amount of refrigerant : 500g (1.10 lbs)

CAUTION

Never rotate the compressor before charging the air conditioning system with refrigerant.

2) ADJUSTMENT OF ENGINE REVOLUTION

GENERAL

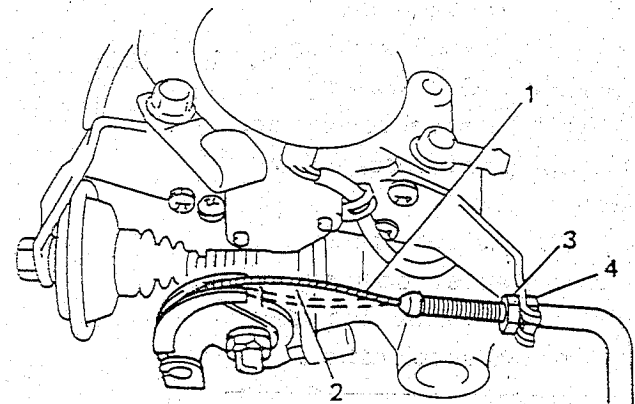
When hoses are disconnected and system's component is removed for services, reinstall component properly, and route and connect hoses correctly after service. Refer to Fig. A or Vehicle Emission Control Information Label for proper routing of hoses.

ACCELERATOR CABLE ADJUSTMENT

Check accelerator cable for play and adjust if necessary. Cable play should be within specification when accelerator pedal is released and engine is not running.

If not within specification, adjust by loosening lock nut, Be sure to tighten lock nut securely after adjustment.

Accelerator cable play	10 — 15mm (0.4 — 0.6 in.)
------------------------	------------------------------



- Accelerator cable
- Cable play
- Lock nut
- Adjusting nut

Fig.A Accelerator Cable Play

Cable play should be 3 — 5mm (0.12 — 0.20 in.) when throttle opener rod is pushed back hand (i.e., throttle valve is at idle position).

IDLE SPEED ADJUSTMENT (INCLUDING A/C VSV ADJUSTMENT)

Before idle speed check and adjustment, make sure of the following.

- Lead wires and hoses of EFI and engine emission control systems are connected securely.
- Accelerator cable has some play, that is, it is not tight.
- Valve lash is checked and adjusted according to maintenance schedule.
- Ignition timing is within specification.
- All accessories (wipers, heater, lights, etc.) are out of service.
- Air cleaner has been properly installed and is in good condition.

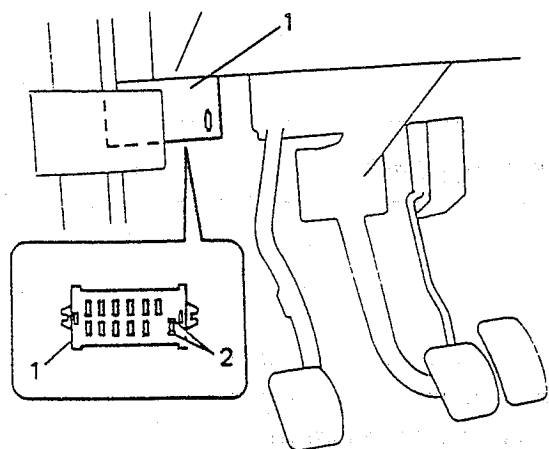
After above items are all confirmed, adjust idle speed as followings.

NOTE:

Before starting engine, places transmission gear shift lever in "Neutral", and set parking brake and block drive wheels.

Warm up engine to normal operating temperature.

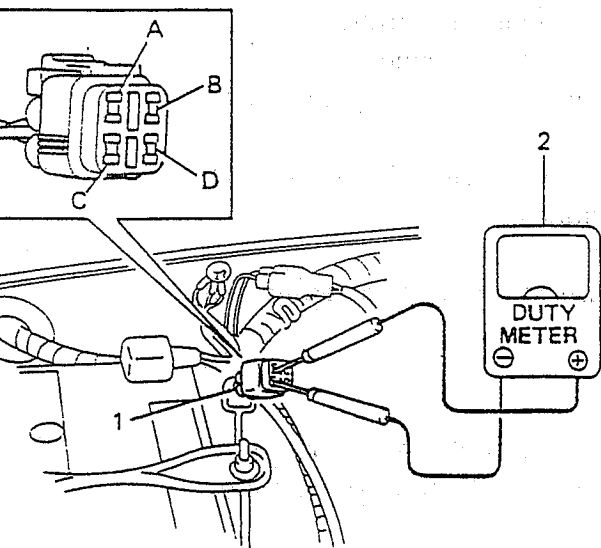
Connect spare fuse to diagnosis switch terminal in fuse box and make sure that "CHECK ENGINE" light indicate diagnostic code No:12.



- 1. Fuse box
- 2. Diagnosis switch terminal

Fig.B Grounding Diag. Switch Terminal

Stop engine and connect duty meter between duty check terminal and ground terminal of monitor coupler. The monitor coupler is located beside battery.

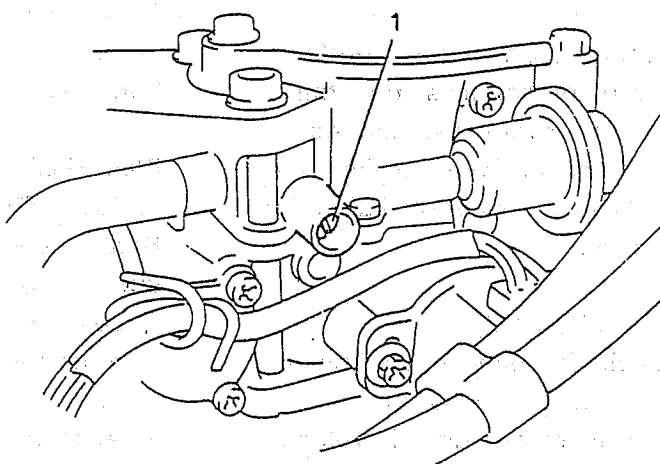


- 1. Monitor coupler
- 2. Duty meter
- A. Duty check terminal
- C. Ground terminal

Fig.C Connecting Duty Meter

4. Set tachometer
5. Turn ON ignition switch and wait for 5 seconds. Then restart engine and run it at 2,000 r/min. for 5 minutes to warm it up completely and let it slow down to idle speed.
6. Check ISC duty and idle speed. If duty and/or idle speed is out of specifications, adjust it by turning idle speed adjusting screw.

Engine idle speed	800 ± r/min.
ISC duty at specified idle speed	50%



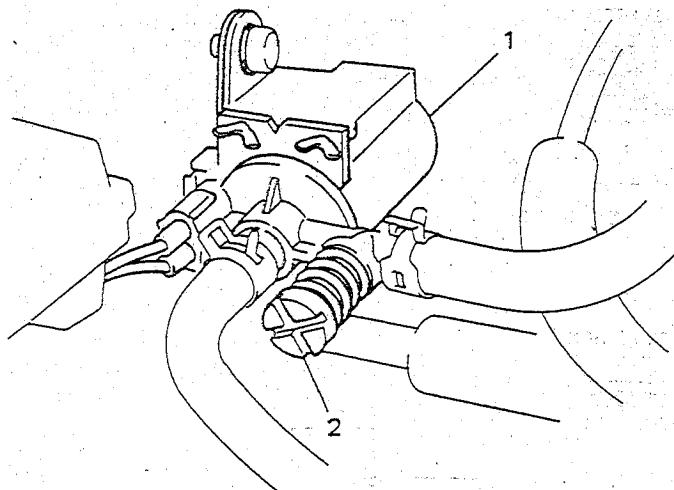
- 1. Idle speed adjusting screw

Fig.D Idle Speed Adjusting Screw

7. Upon completion of adjustment, install adjusting screw cap to throttle body.
8. This step is for checking and/or adjusting engine idle speed when A/C is working. With vehicles without A/C, advance to steps 9 and 10. With A/C equipped ones, follow procedure described below.
 - 1) Turn A/C switch ON and set heater blower switch to low speed position.
 - 2) Check to ensure that ISC duty and idle speed are within below specification.

Engine idle speed with A/C ON	1,000 ± 50 r/min.
ISC duty at specified idle speed	23 ~ 37%

- 3) If it is not within specified range, it by turning adjusting screw of A/C VSV.



1. A/C VSV
2. Adjusting screw

Fig.E Adjusting Screw of A/C VSV

9. Disconnect spare fuse from diag. switch terminal.
10. Install cap to monitor coupler.

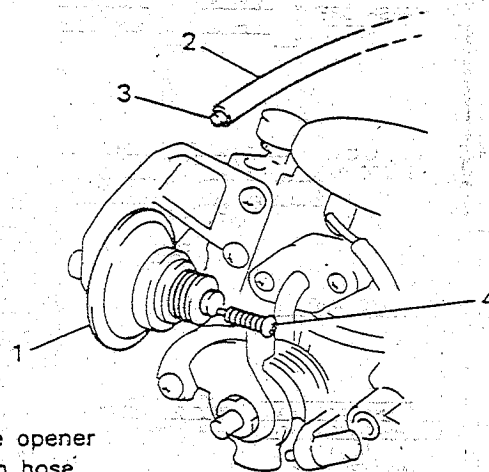
THROTTLE OPENER ADJUSTMENT

NOTE:

Before starting engine, place transmission gear shift lever in "Neutral", and set parking brake and block drive wheels.

1. Turn ignition switch ON and leave it for 5 sec. Run engine at 2000 r/min. for 5 min. after warming up and let it slow down to idle speed.
2. Check to make sure that no electric load is applied to engine.
3. Disconnect vacuum hose from throttle opener and put blind plug in disconnected vacuum hose.
Check that engine speed is within specification then.

Engine speed while opener operating	2200 ± 50 r/min.
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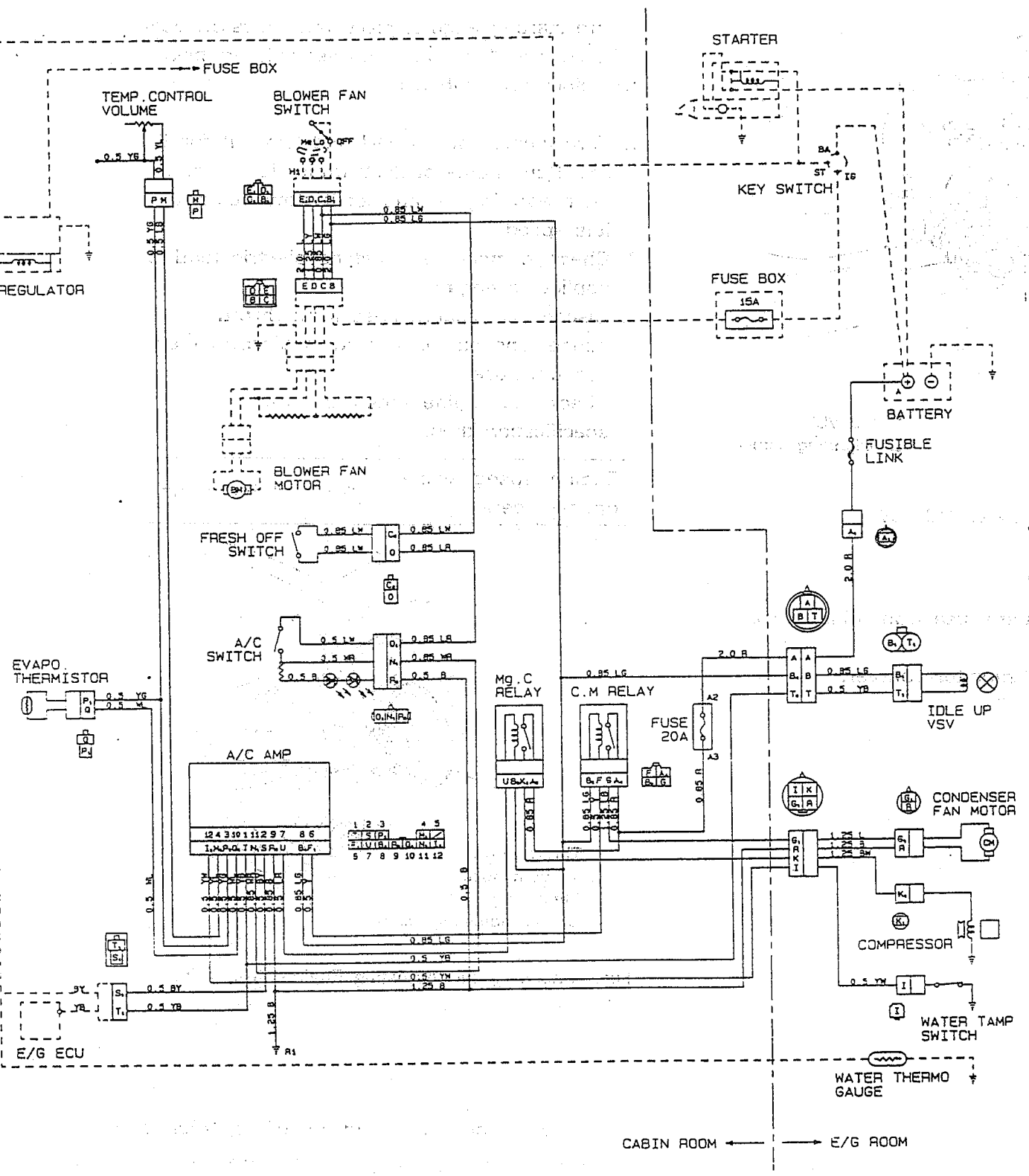


1. Throttle opener
2. Vacuum hose
3. Blind plug
4. Opener adjusting screw

Fig.F Checking and Adjusting Engine Speed for Opener

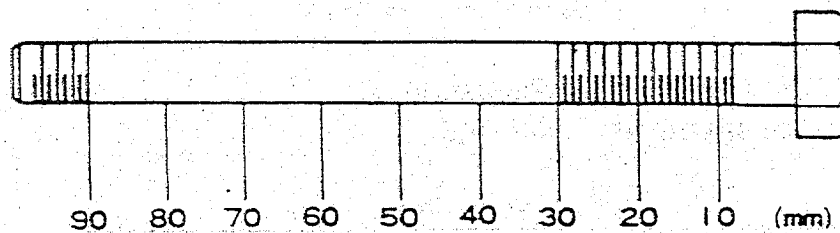
4. If engine speed is found out of specification in above check, adjust it to specification by turning throttle opener adjusting screw.
5. Upon completion of adjustment, connect vacuum hose to opener securely.

WIRING DIAGRAM

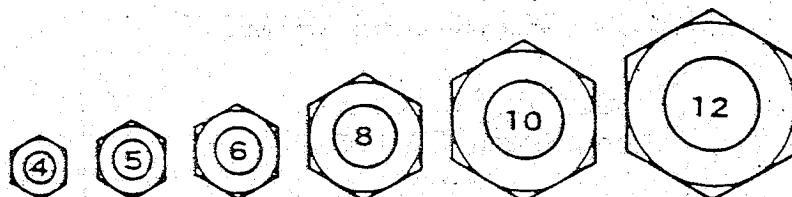


**AMERICAN SUZUKI MOTOR CORPORATION
NIPPONDENSO OF LOS ANGELES, INC.**

BOLT LENGTH RULER (mm)



BOLT DIAM. & HEX. HEAD (mm)



NIPPONDENSO CO., LTD
SERVICE DEPARTMENT

Kariya, Aichi, Japan

First Issue: August, 1989

Publication No.: CIKA-25

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NIPPONDENSO OF LOS ANGELES
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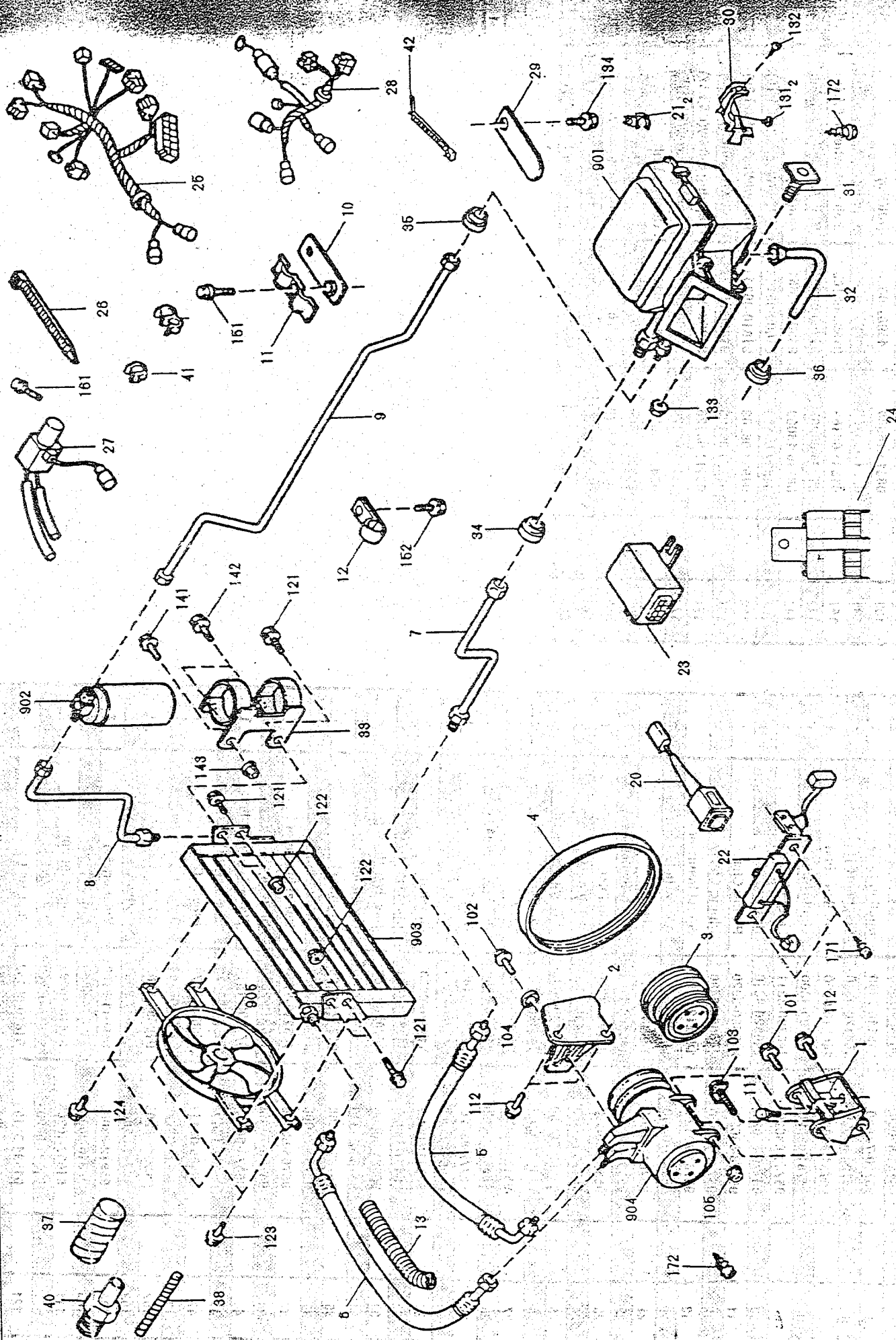
Publication No.: CIKA-25A

Printed in U.S.A.®

"FOR SAMURAI SERIES"

(1992 Samurai - Engine 1.3L)

Suzuki No. 95000-80C50



ITEM NO	BOX NO	CUSTOMER P/N	ND P/N	PART NAME	UNIT	NO	NO	CUSTOMER P/N	ND P/N	PART NAME	UNIT
1		95111-82000	146260-5802	Compressor Bracket	1	123	95328-82000	949047-3110	Bolt w/Washer(M6,L35)	2	
2		95112-83000	146263-2473	Compressor Slay	1	124	95917-83000	949047-4070	Bolt w/Washer(M6,L30)	2	
3		12611-83000	146280-2950	Cranks haft Pulley	1	131	03211-16166	949001-1630	Tapping Screw(D6,L16)	2	
4		95111-82000	90680-07600	V-Belt	1	132	95911-70A00	949001-2410	Tapping Screw(D6,L14)	1	
5		95710-70A50	246140-7360	Suction Hose	1	133	08316-16086	146982-0030	Nut(M8)	1	
6		95720-83020	146120-3510	Discharge Hose	1	134	03511-05186	949008-0380	Tapping Screw(D5,L16)	1	
7		95731-83021	246210-0820	Suction Tube	1	141	01534-06163	91800-06163	Bolt w/Washer(M6,L16)	1	
8		95731-83020	146690-8300	Liquid Tube	1	142	01534-06203	91800-06203	Bolt w/Washer(M6,L20)	2	
9		95741-83020	146890-3311	Liquid Tube	1	143	08316-16063	949056-2651	Nut(M6)	1	
10		95779-83020	246620-9810	Bracket	1	151	01534-06163	91800-06163	Bolt w/Washer(M6,L16)	1	
11		95778-83020	246680-3920	Piping Clamp	1	152	01534-06203	91810-06203	Bolt w/Washer(M6,L30)	2	
12		95771-70A20	146680-6480	Pipfing Clamp	1	161	01534-06123	91800-06123	Bolt w/Washer(M6,L12)	2	
13		95765-78120	146212-5650	Spiral Insulator	1	171	03111-04126	90900-04121	Tapping Screw(D5,L12)	1	
20		95911-70A00	054000-9400	A/C Switch	1	172	03111-06126	90900-06121	Tapping Screw(D6,L12)	1	
21		95761-70A00	146681-4910	Clamp	2	901	95400-83020	145400-9140	Cooling Unit	1	
22		95991-70A00	146680-1181	Motor Switon Assy	1	902	95330-80000	047610-0220	Receiver Difer	1	
23		95572-80C50	077200-1230	Amplifier	1	903	95310-83020	047700-7290	Condenser Assy.	1	
24		95576-80C50	146490-4400	Relay Assy	1	904	95200-83080	147100-2610	Comp. Assy with Reg. Clutch	1	
25		95592-80C50	246510-6090	A/C Wire Harness	1	905	95520-70A50	146240-7560	Condenser Fan Assy.	1	
26		092402-14403	146690-2469	Elastic Be	2						
27		95160-80C50	246590-1790	VSV	1						
28		95693-80C50	246430-8080	A/C Wire Harness	1						
29		95777-83020	017230-0180	Clamp	1						
30		95961-80C50	145460-7670	Bracket	1						
31		95911-80000	116470-0930	Bracket	1						
32		95491-83020	146310-2571	Drain Hose	1						
33		95931-80000	047890-2750	Receiver Holder	1						
34		95761-80000	94821-3130	Grommet	1						
35		95762-83000	94921-3360	Grommet	1						
36		95765-74000	94920-3550	Grommet	1						
37		95765-83000	146212-6780	Spiral Insulator	1						
38		95766-70A00	146212-2380	Spiral Insulator	1						
40		95573-50A40	071400-1810	Water Temp. Switch	1						
41		09401-12404	146690-8370	Plastic Clip	2						
42		09408-00111	246690-2570	Plastic Clip	1						
101		01537-08253	91808-08253	Bolt(M6,L20)	1						
102		01537-08203	91808-08203	Bolt(M6,L20)	1						
103		95911-82000	949047-3061	Bolt w/Washer(M8,L37)	1						
104		95912-83080	949011-8190	Washer(M8)	1						
105		08316-26083	949060-4550	Nut(M8)	1						
111		01637-10203	91818-10203	Bolt(M10,L20)	2						
112		01537-08203	91818-08203	Bolt(M8,L20)	3						
121		01534-06163	91810-06163	Bolt(M6,L16)	4						
122		08316-16063	949060-2651	Nut(M6)	2						

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13		95765-78120	146212-5650	Spiral Insulator	1	171	03111-04126	90900-04121	Tapping Screw(D5,L12)	1	
20		95911-70A00	054000-9400	A/C Switch	1	172	03111-06126	90900-06121	Tapping Screw(D6,L12)	1	
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32		95491-83020	146310-2571	Drain Hose	1						
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121		01534-06163	91810-06163	Bolt(M6,L16)	4						
122		08316-16063	949060-2651	Nut(M6)	2						