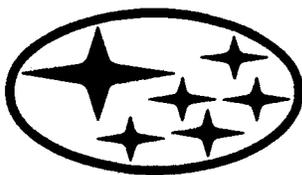


SUBARU

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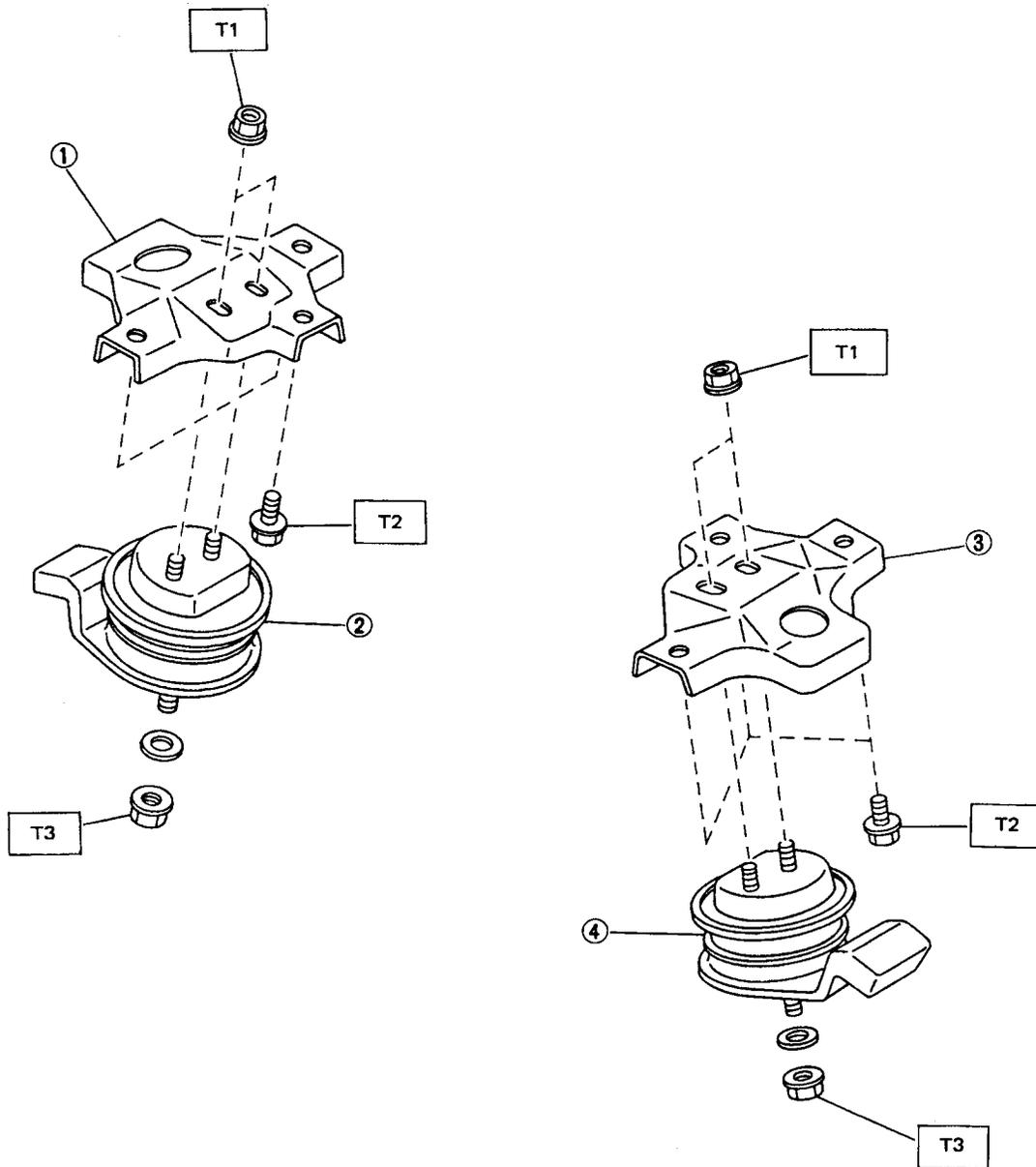
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	Page
C COMPONENT PARTS	2
1. Engine Mounting	2
2. Transmission Mounting	3
W SERVICE PROCEDURE	4
1. General Precautions	4
2. Engine	5
3. Front Cushion Rubber	15
4. Transmission	19
5. Rear Cushion Rubber	29



C COMPONENT PARTS

1. Engine Mounting



Tightening torque: N·m (kg·m, ft·lb)

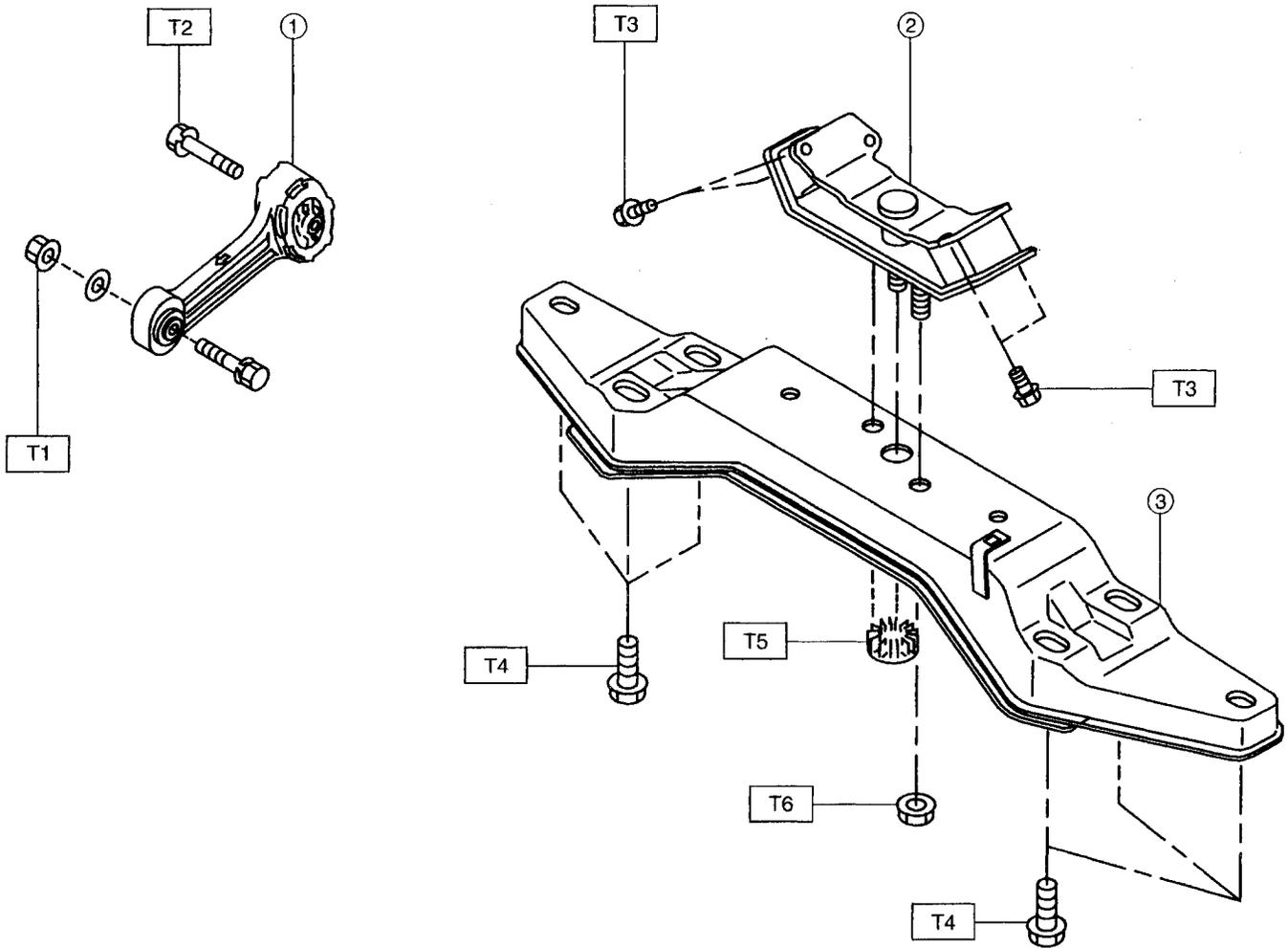
T1:	49 – 69 (5 – 7, 36 – 51)
T2:	20 – 33 (2 – 3.4, 14 – 25)
T3:	54 – 83 (5.5 – 8.5, 40 – 61)

- 1 Front engine mounting bracket RH
- 2 Front cushion rubber RH
- 3 Front engine mounting bracket LH
- 4 Front cushion rubber LH

Fig. 1

C COMPONENT PARTS

2. Transmission Mounting



Tightening torque: N•m (kg-m, ft-lb)

- T1: 44 - 54 (4.5 - 5.5, 33 - 40)
- T2: 47 - 67 (4.8 - 6.8, 35 - 49)
- T3: 18 - 31 (1.8 - 3.2, 13 - 23)
- T4: 54 - 83 (5.5 - 8.5, 40 - 61)
- T5: 23 - 36 (2.3 - 3.7, 17 - 27)
- T6: 27 - 47 (2.8 - 4.8, 20 - 35)

- 1 Pitching stopper
- 2 Rear cushion rubber
- 3 Rear crossmember

W SERVICE PROCEDURE

1. General Precautions

1) Remove or install engine and transmission in an area where chain hoists, lifting devices, etc. are available for ready use.

2) Be sure not to damage coated surfaces of body panels with tools or stain seats and windows with coolant or oil. Place a cover over fenders, as required, for protection.

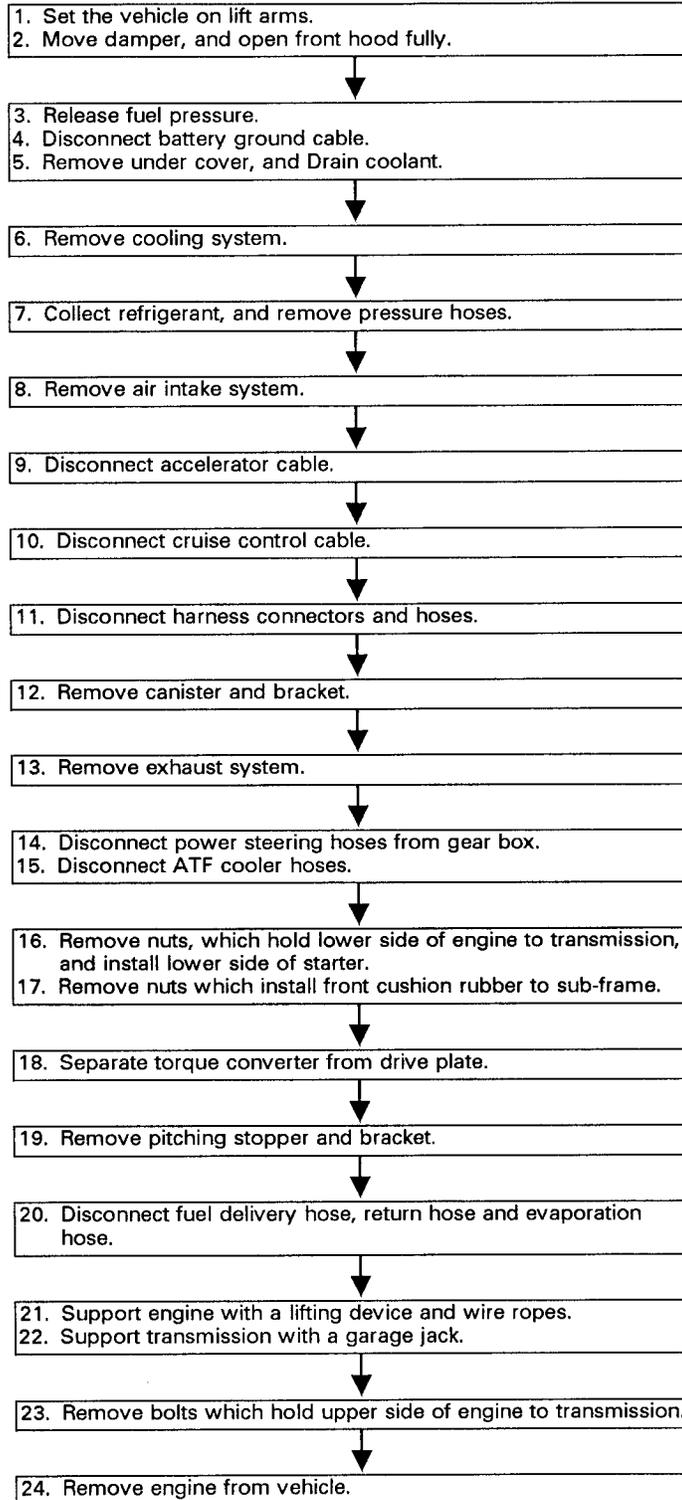
3) Prior to starting work, prepare the following:

Service tools, clean cloth, containers to catch coolant and oil, wire ropes, chain hoist, transmission jacks, etc.

4) Lift up or down car when necessary. Make sure to support the correct positions. (Refer to Chapter 1-3 "General Information".)

2. Engine

A: REMOVAL



- 1) Set the vehicle on lift arms.
- 2) Move damper, and open front hood fully.
Refer to C.1-3.
- 3) Release fuel pressure.
 - (1) Disconnect fuel pump connector.
 - (2) Start the engine, and run until it stalls.
 - (3) After the engine stalls, crank it for more five seconds.
 - (4) Turn ignition switch "OFF".

Refer to C.2-8 Section 1 [W101].

- 4) Disconnect battery ground cable.
- 5) Remove under cover, and drain coolant.
 - (1) Raise the vehicle.
 - (2) Remove under cover.

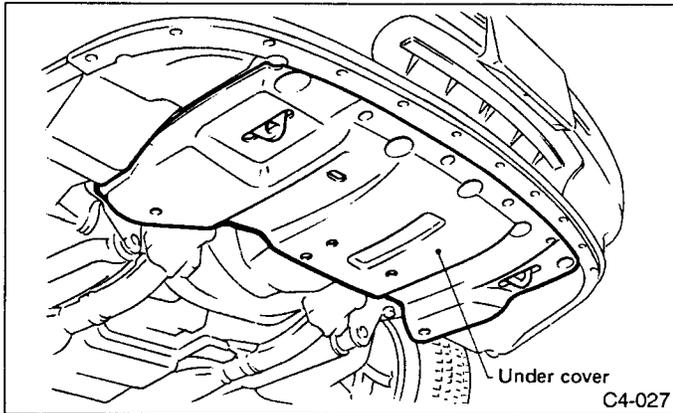


Fig. 3

- (3) Fit one end of vinyl tube into drain pipe.
- (4) Loosen drain cock, and drain coolant.

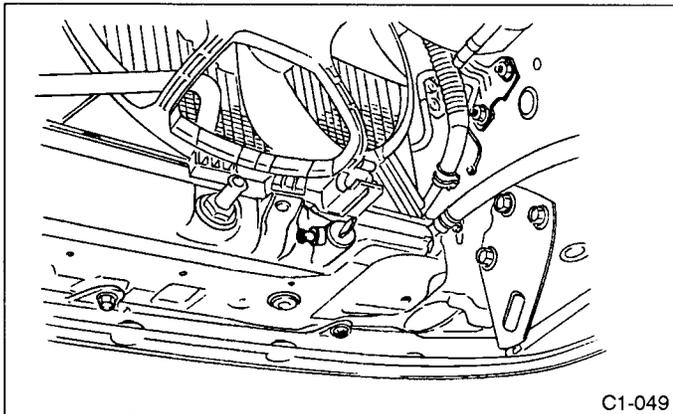


Fig. 4

Drain coolant into container.

- 6) Remove cooling system.
 - (1) Disconnect radiator outlet hose from thermostat.
 - (2) Disconnect ATF cooler hoses from pipes.

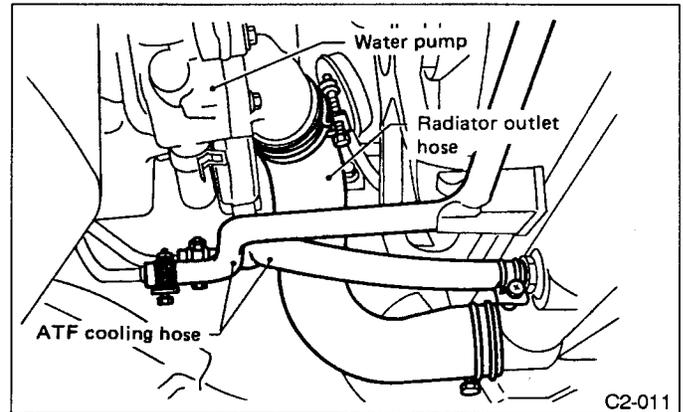


Fig. 5

- (3) Lower the vehicle.
- (4) Remove V-belt cover.
- (5) Disconnect radiator inlet hose from water pipe.

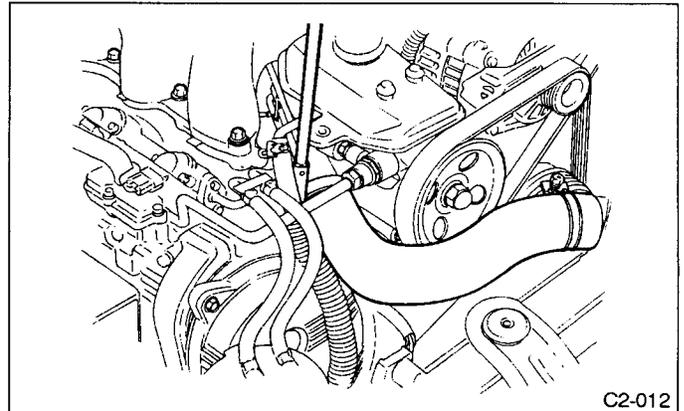


Fig. 6

- (6) Disconnect radiator main fan and sub-fan connector.
- (7) Remove upper bracket, and remove radiator ASSY from vehicle.

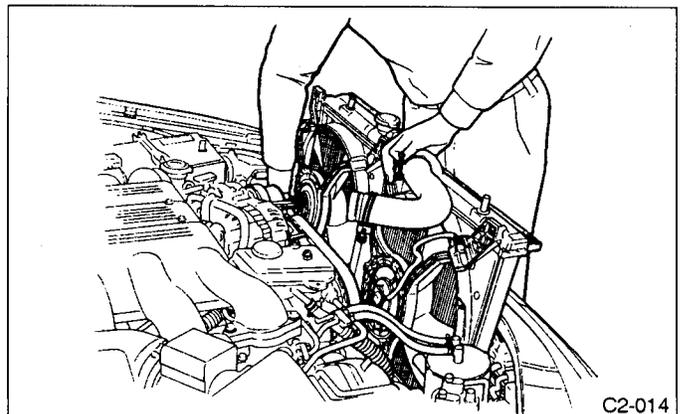


Fig. 7

- 7) Collect refrigerant, and remove pressure hoses.

- (1) Place and connect the attachment hose to the refrigerant recycle system.
- (2) Collect refrigerant from A/C system.

Refer to C.4-7.

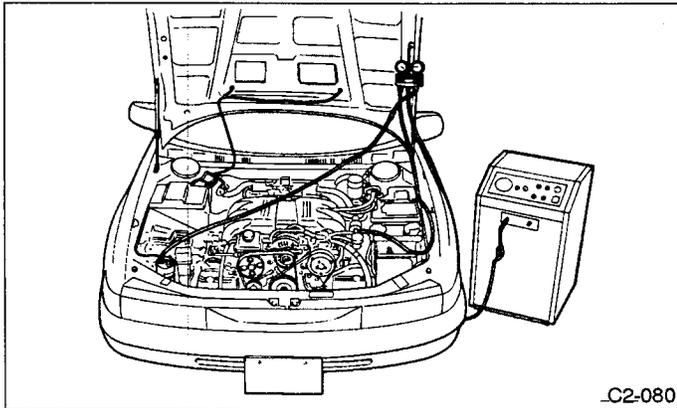


Fig. 8

- (3) Disconnect high-pressure hose and low-pressure hose from A/C compressor.
 - a. Be careful not to lose O-ring in low-pressure hose.
 - b. Plug the opening to prevent foreign matter from getting in.

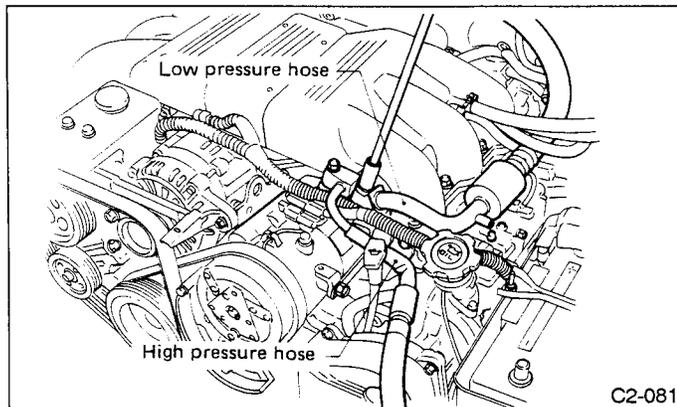


Fig. 9

- 8) Remove air intake system.
 - (1) Remove collector cover.
 - (2) Remove air intake boot.

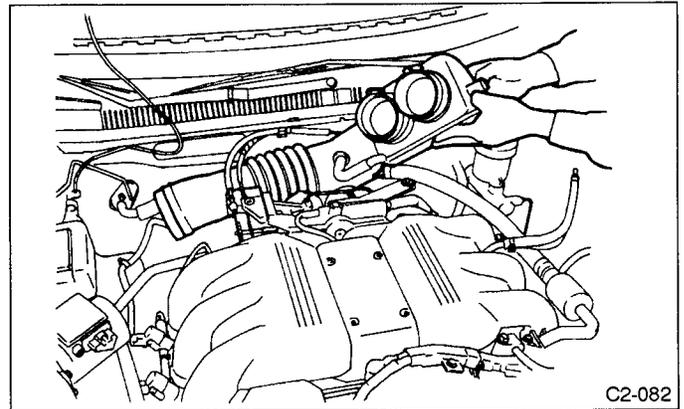


Fig. 10

- (3) Remove air cleaner upper cover and element.

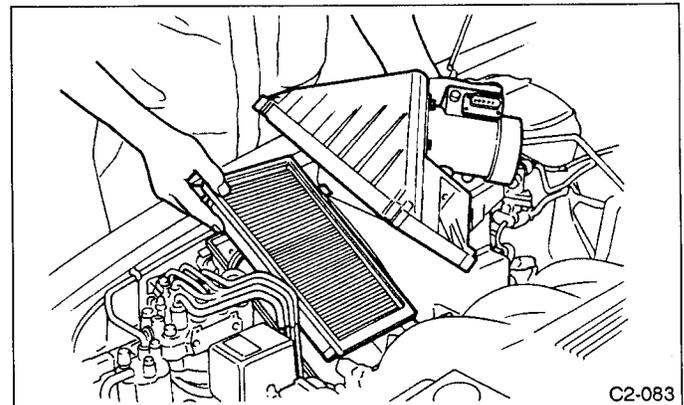


Fig. 11

- 9) Disconnect accelerator cable.
- 10) Disconnect cruise control cable.

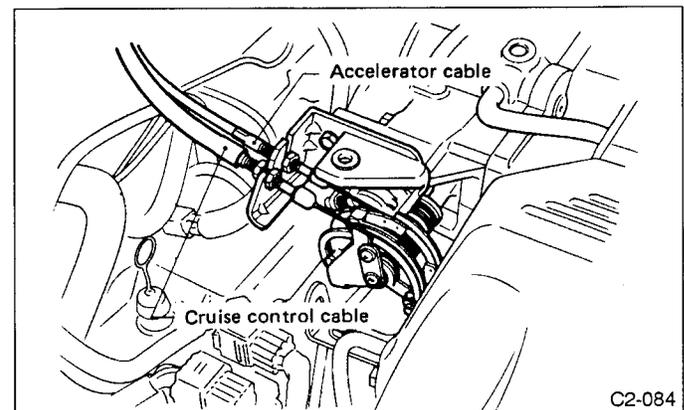


Fig. 12

11) Disconnect harness connectors and hoses.

(1) Disconnect the following harness connectors.

- Engine harness connector
- Ignition coil harness connector
- O₂ sensor 1 & 2 (RH & LH) connector
- Vehicle speed sensor 2 connector
- Power steering harness connector
- Engine ground terminal
- Alternator connector and terminal
- A/C compressor connector

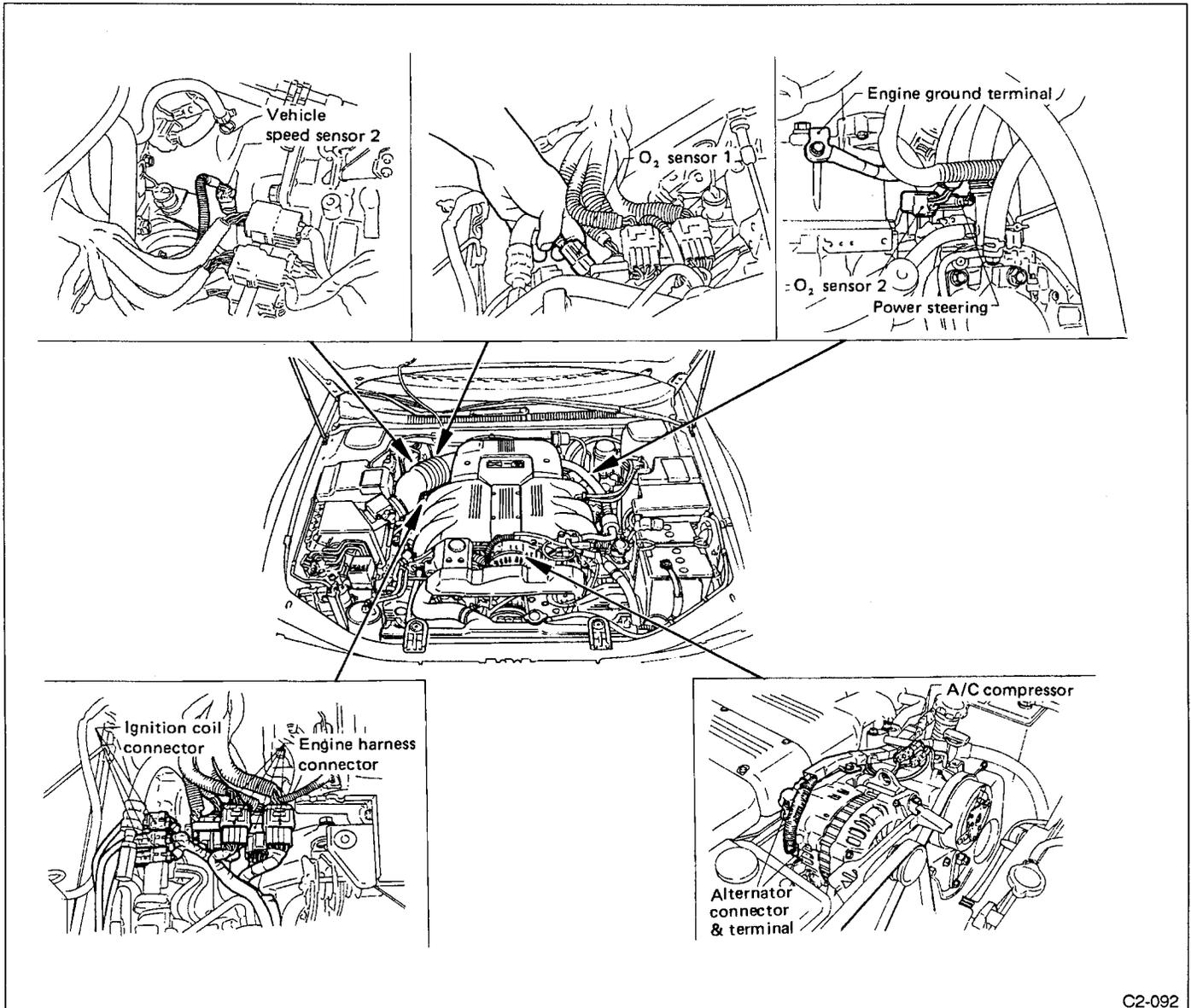


Fig. 13

(2) Disconnect the following hoses.

- Brake booster vacuum hose
- Heater hose (Inlet and outlet)
- Power steering hose (from gear box pipe)
- Power steering hose (to reservoir tank)
- Power steering hose (to cooling pipe)

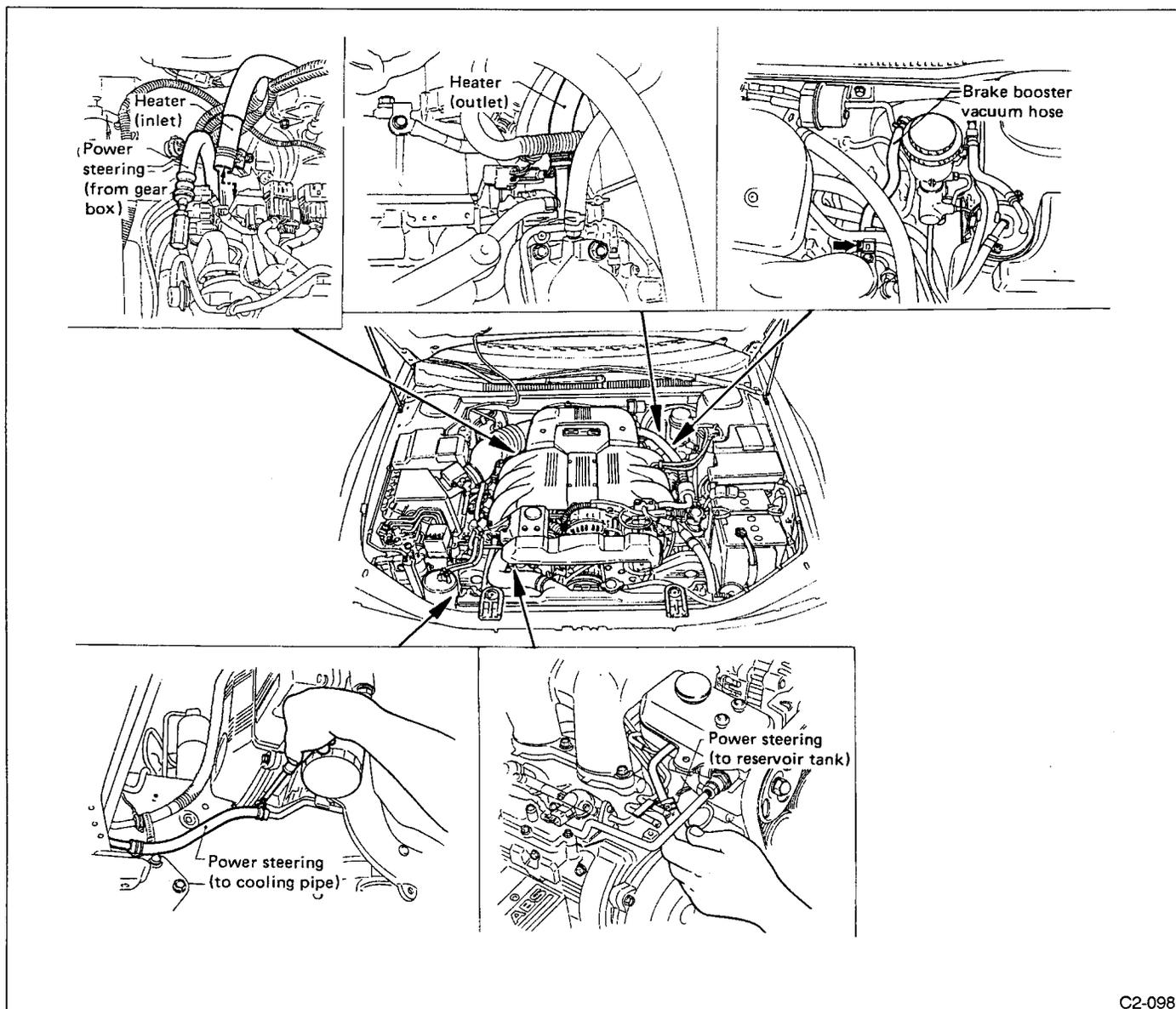


Fig. 14

Catch fluid and coolant into each container.

12) Remove canister and bracket.

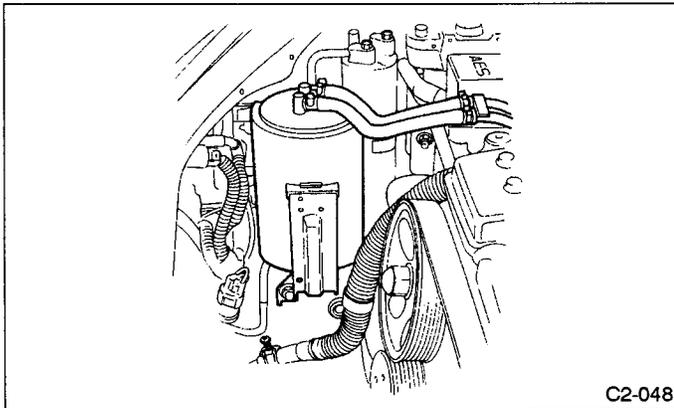


Fig. 15

13) Remove exhaust system.

- (1) Lift up the vehicle.
- (2) Remove O₂ sensor harness from clip.
- (3) Remove front exhaust pipes and rear catalyst converter.

Refer to C.2-9.

14) Disconnect power steering hose from gear box pipe.

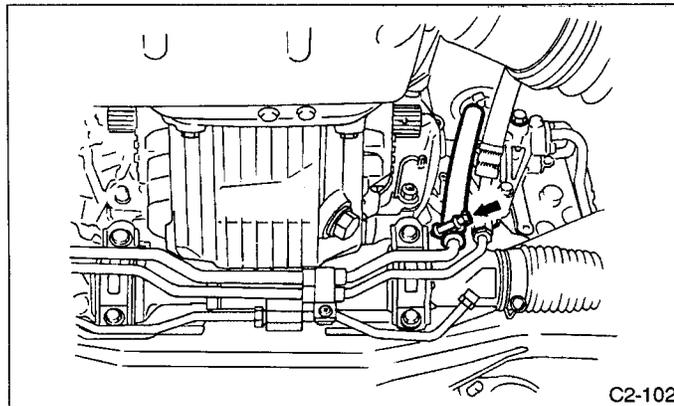


Fig. 16

Catch power steering oil into container.

15) Disconnect ATF cooler hose from pipe on transmission side.

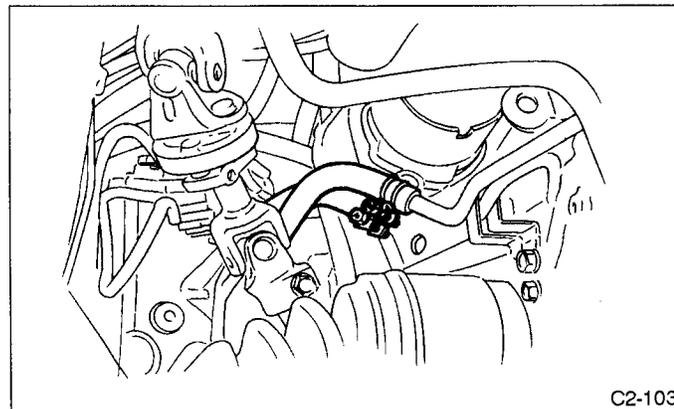


Fig. 17

Catch ATF into container.

16) Remove nuts which hold lower side of transmission and starter to engine.

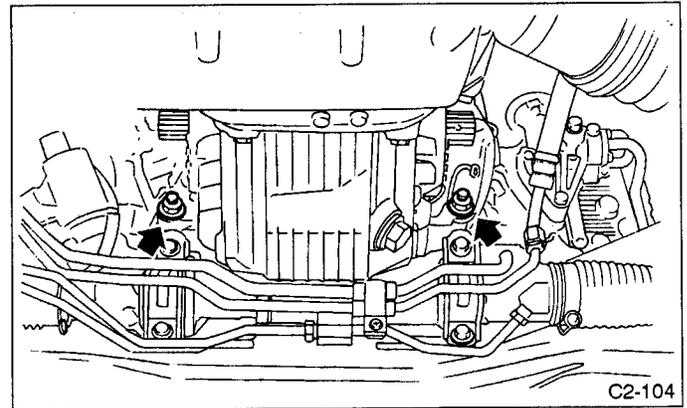


Fig. 18

17) Remove nuts which install front cushion rubber to sub-frame.

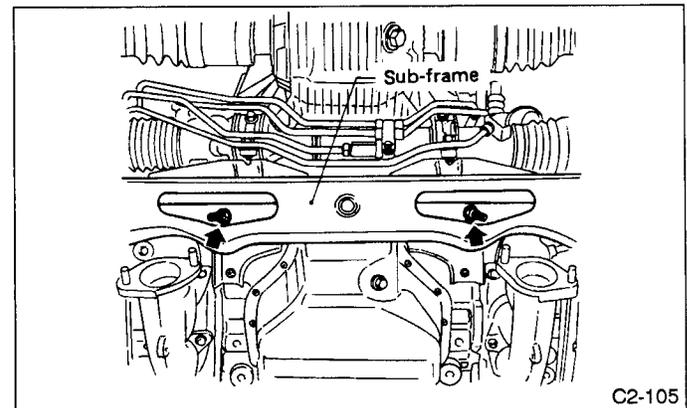


Fig. 19

18) Separate torque converter from drive plate.

- (1) Lower the vehicle.
- (2) Remove service hole plug.
- (3) Remove bolts which hold torque converter to drive plate.

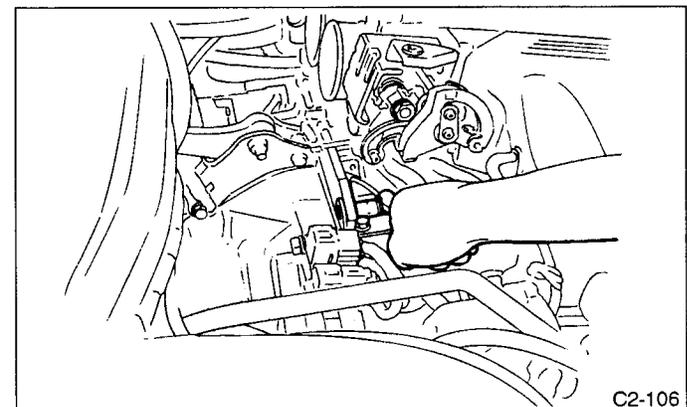


Fig. 20

- (4) While cranking the engine, remove other bolts.
 19) Remove pitching stopper from bracket.

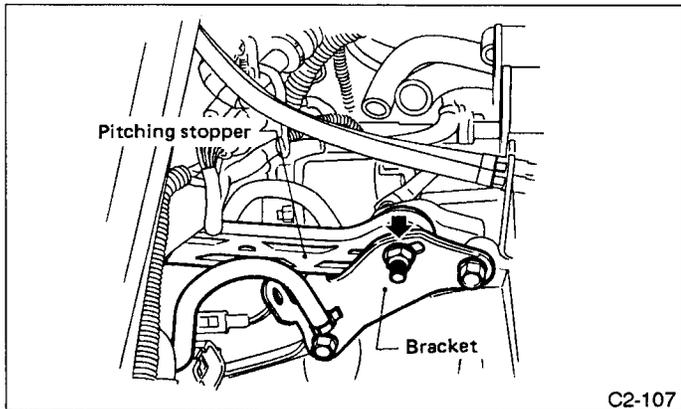


Fig. 21

- 20) Disconnect fuel delivery hose, return hose and evaporation hose.

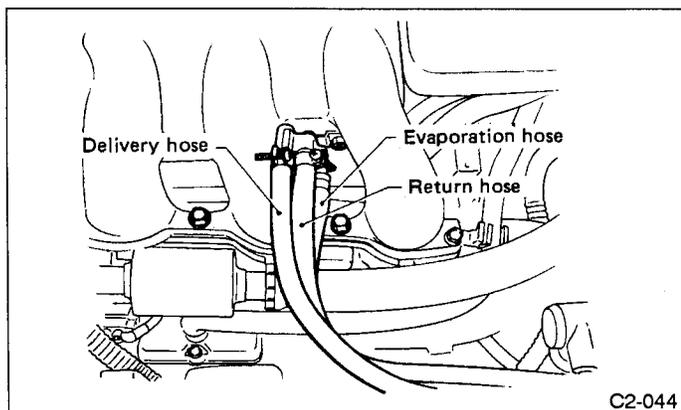


Fig. 22

Catch fuel from hose into container.

- 21) Support engine with a lifting device and wire ropes.

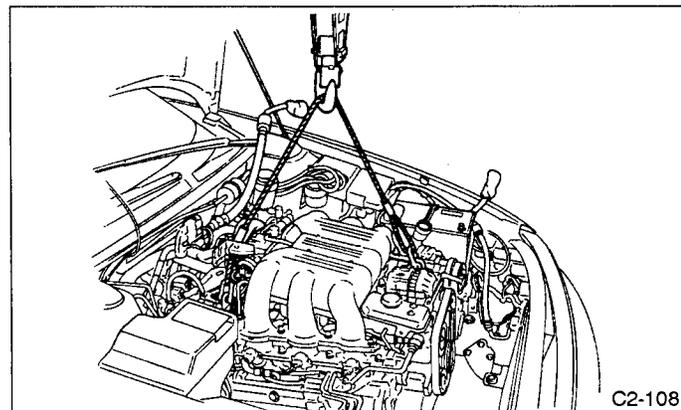


Fig. 23

Protect throttle body with cloth, etc. so as not to damage it by wire rope.

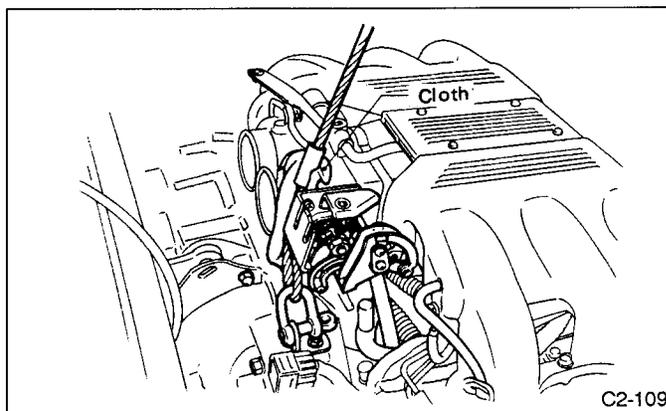


Fig. 24

- 22) Support transmission with garage jack.

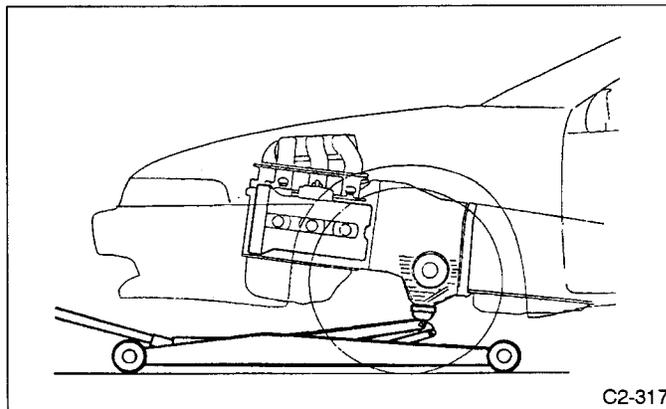


Fig. 25

- 23) Remove bolts which hold right upper side of engine to transmission.

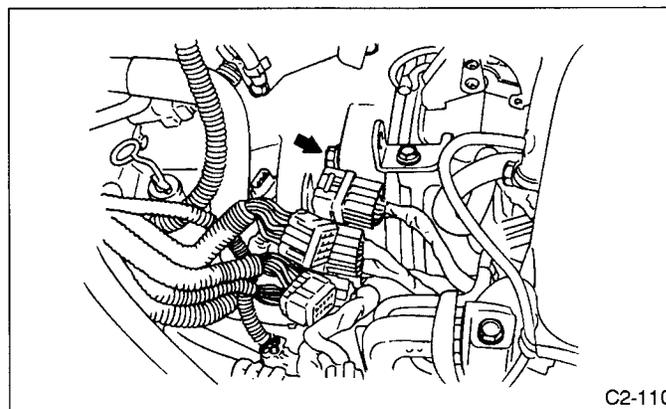
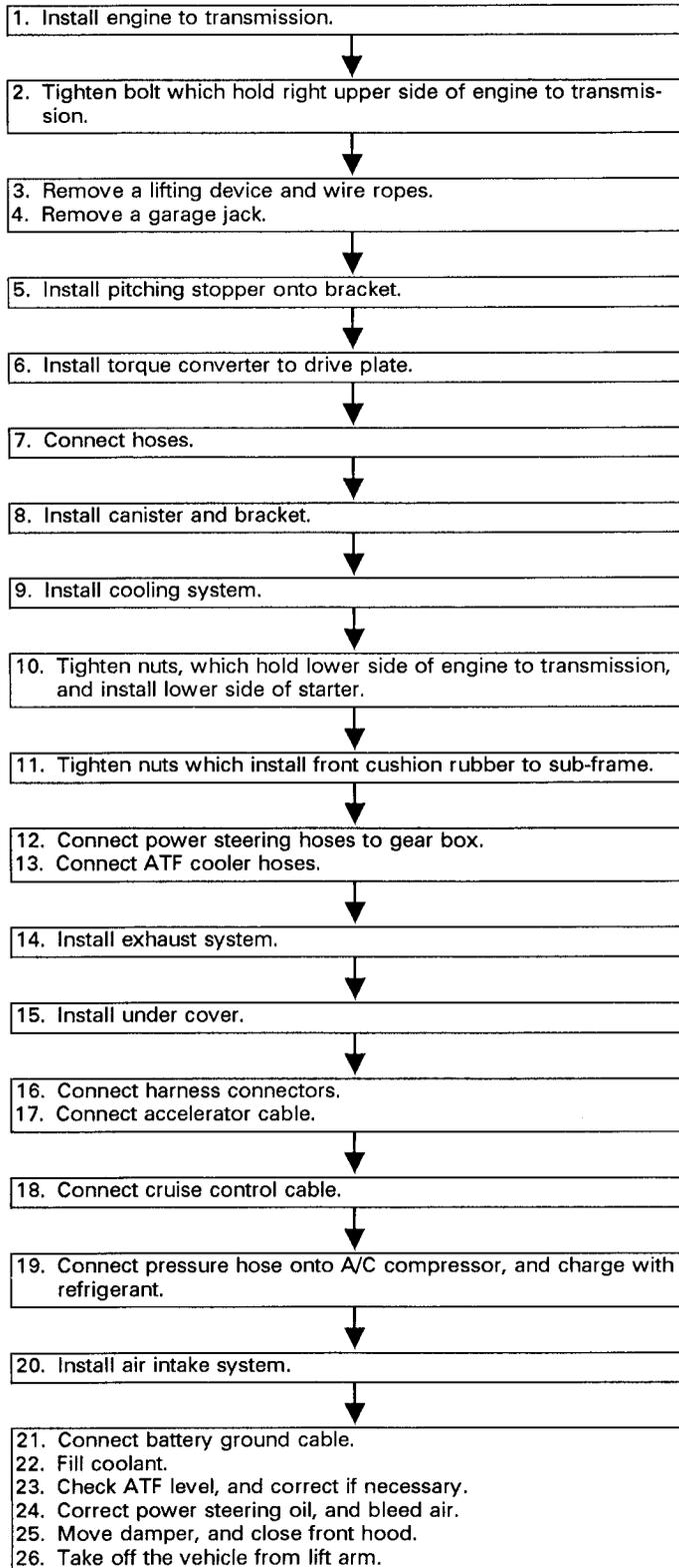


Fig. 26

- 24) Remove engine itself.
 (1) Slightly raise engine.
 (2) Raise transmission with garage jack.
 (3) Move engine horizontally.
 (4) Slowly raise up engine away from engine compartment.

Be careful not to damage adjacent parts or body panels with crank pulley, etc.

B: INSTALLATION

1) Install engine to transmission.

Position engine in engine compartment and align it with transmission.

Be careful not to damage adjacent parts or body panels with crank pulley, oil pressure gauge, etc.

2) Tighten bolts which hold right upper side of engine to transmission.

Tightening torque: N•m (kg-m, ft-lb)

46 — 54 (4.7 — 5.5, 34 — 40)

3) Remove lifting device and wire ropes.

4) Remove garage jack.

5) Install pitching stopper on to bracket.

Tightening torque: N•m (kg-m, ft-lb)

44 — 54 (4.5 — 5.5, 33 — 40)

6) Install torque converter to drive plate.

(1) Tighten bolts which install torque converter to drive plate.

Be careful not to drop bolts into torque converter housing.

Tightening torque: N•m (kg-m, ft-lb)

23 — 26 (2.3 — 2.7, 17 — 20)

(2) Clog plug onto service hole.

7) Connect hoses.

- Fuel delivery hose, return hose and evaporation hose
- Heater inlet and outlet hoses
- Brake booster vacuum hose
- Power steering oil hose (to cooler hose)
- Power steering oil hose (to gear box pipe)
- Power steering oil hose (to reservoir tank)

8) Install canister and bracket.

(1) Install canister bracket on body.

(2) Install canister onto bracket.

(3) Connect canister hoses to pipes.

9) Install cooling system.

(1) Position radiator ASSY into engine compartment.

(2) Install radiator upper bracket.

(3) Connect radiator inlet hose to water pipe.

(4) Connect radiator main fan and sub-fan connector.

(5) Install V-belt cover.

(6) Lift up the vehicle.

(7) Connect radiator outlet hose to thermostat, and ATF cooler hoses to pipes.

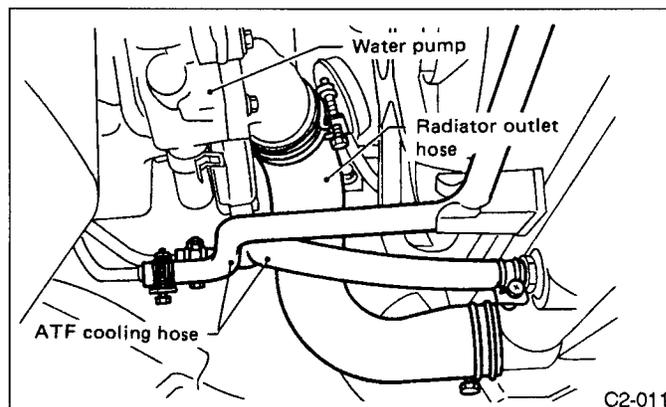


Fig. 27

10) Tighten nuts, which hold lower side of engine to transmission, and install lower side of starter.

Tightening torque: N•m (kg-m, ft-lb)

46 — 54 (4.7 — 5.5, 34 — 40)

11) Tighten nuts which install front cushion rubber to sub-frame.

Make sure that the locator is into the elliptical hole in sub-frame.

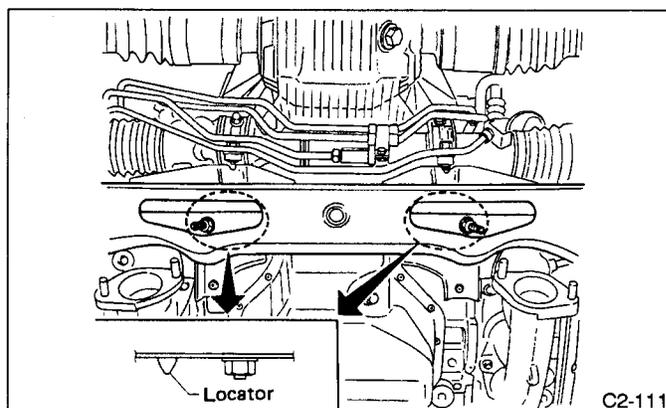


Fig. 28

Tightening torque: N•m (kg-m, ft-lb)

54 — 83 (5.5 — 8.5, 40 — 61)

12) Connect power steering fluid hoses to gear box pipes.

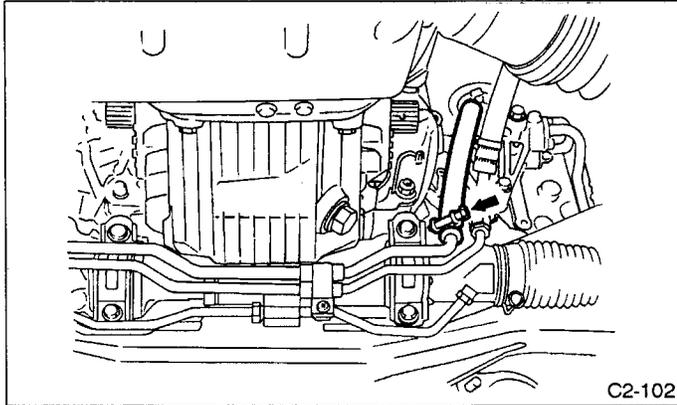


Fig. 29

13) Connect ATF cooler hoses to pipes on transmission side.

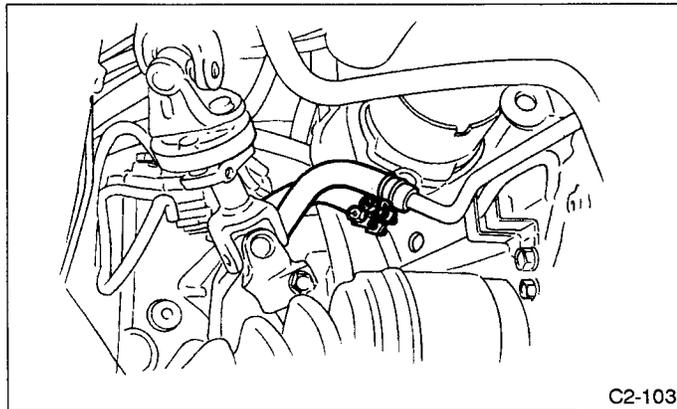


Fig. 30

14) Install exhaust system.

- (1) Install rear heat sealed cover.
- (2) Install rear catalyst converter and front exhaust pipes.
- (3) Install O₂ sensor harness to clip.

Refer to C.2-9.

15) Install under cover.

16) Connect harness connectors.

After lowering the vehicle, connect the following connectors.

- Engine harness connector
- Ignition coil connector
- Vehicle speed sensor 2 connector
- O₂ sensor 1 & 2 (RH & LH) connector
- Power steering harness connector
- Engine ground terminal
- Alternator connector and terminal
- A/C compressor connector

17) Connect accelerator cable.

18) Connect cruise control cable.

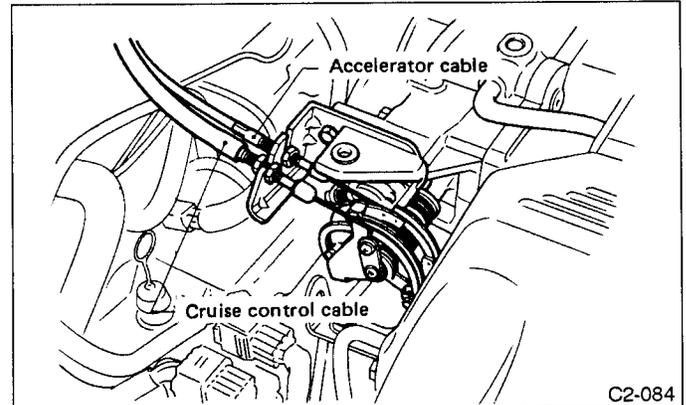


Fig. 31

19) Connect pressure hose onto A/C compressor, and charge with refrigerant.

- (1) Connect high pressure and low pressure hoses onto A/C compressor.

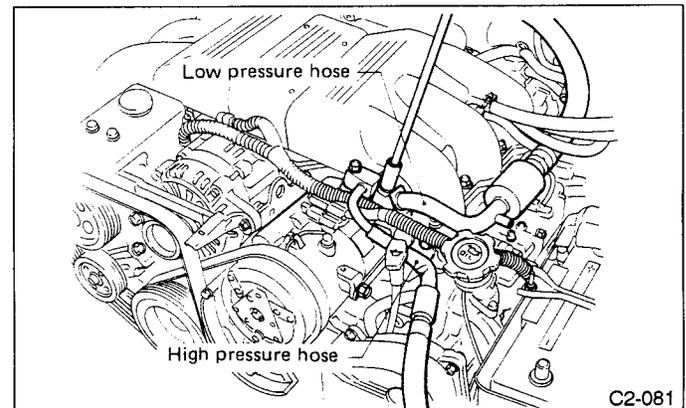


Fig. 32

Tightening torque: N·m (kg-m, ft-lb)

18 — 31 (1.8 — 3.2, 13 — 23)

- (2) Charge A/C system with refrigerant.

Refer to C.4-7.

20) Install air intake system.

- (1) Install air cleaner element and upper cover.
- (2) Install air intake boot and collector cover.
- (3) Install air cleaner element and upper cover.

21) Connect battery ground cable.

22) Fill with coolant.

Refer to C.1-5 Section 8.

23) Check ATF level, and correct if necessary.

Refer to C.1-5 Section 10.

24) Correct power steering fluid, and bleed air.

Refer to C.4-2.

25) Move damper, and close front hood.

26) Take off the vehicle from lift arms.

Refer to C.1-3.

3. Front Cushion Rubber

A: REMOVAL

- 1) Set the vehicle on lift arm.
- 2) Move damper, and open front hood fully.
- 3) Remove air intake system.
 - (1) Remove throttle body cover.
 - (2) Remove air intake boot.
- 4) Remove grille ASSY.
- 5) Remove radiator bracket and A/C condenser installing bolts.

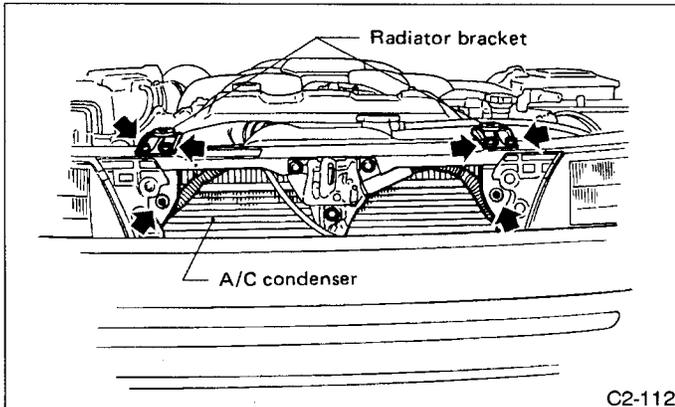


Fig. 33

- 6) Disconnect O₂ 1 & 2 (RH & LH) connectors.
- 7) Remove pitching stopper.

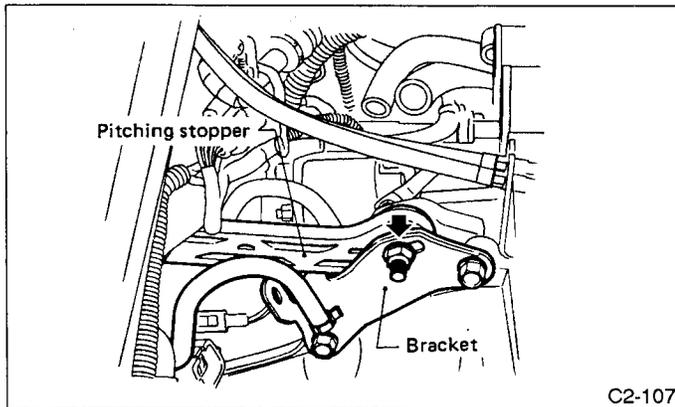


Fig. 34

- 8) Support engine with a lifting device and wire ropes.

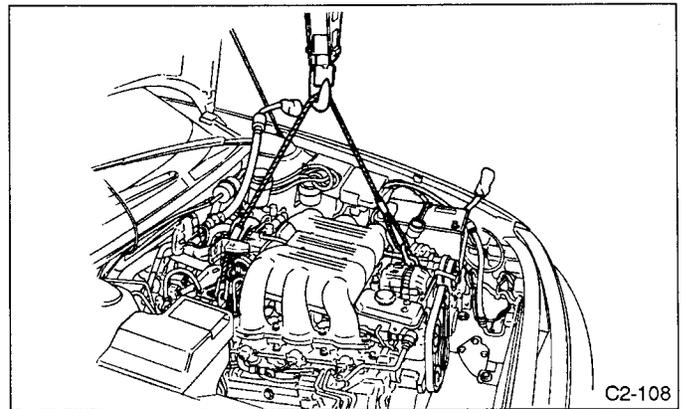


Fig. 35

Protect throttle body with cloth, etc. so as not to damage it by wire rope.

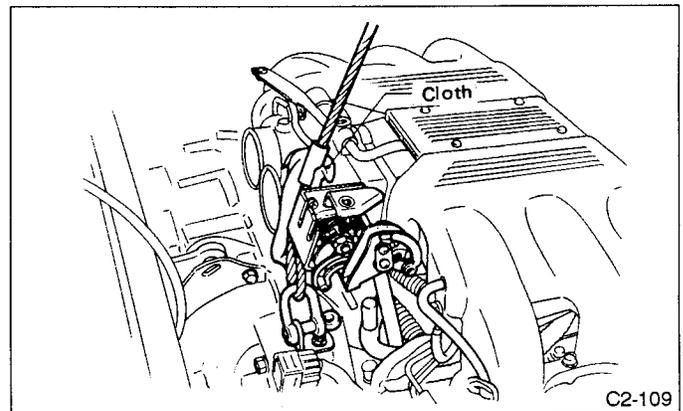


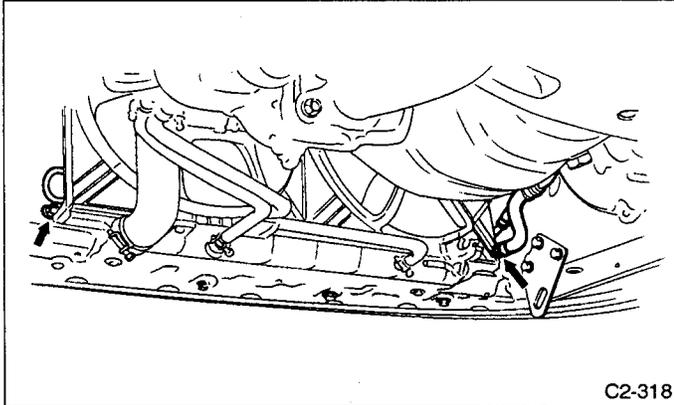
Fig. 36

- 9) Remove left and right front wheels.
 - 10) Raise the vehicle.
- At this time, raise up wire ropes.**

- 11) Remove exhaust system
 - (1) Remove under cover.
 - (2) Remove O₂ harness from clip.
 - (3) Remove front exhaust pipes.
 - (4) After removing EGR pipe, remove right exhaust manifold.
 - (5) Remove left exhaust manifold.

Refer to C.2-9.

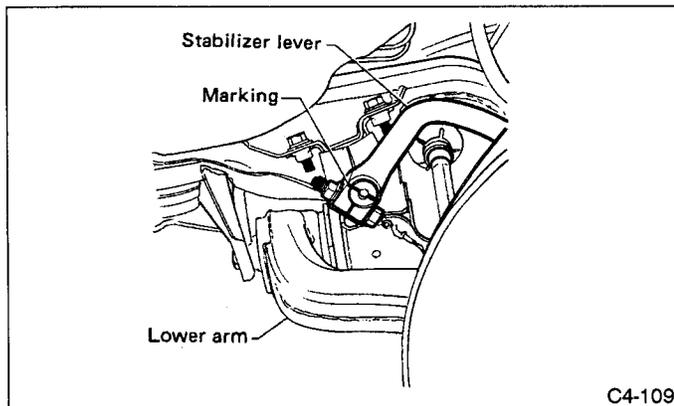
- 12) Remove bolts which install power steering fluid cooling hose onto body.



C2-318

Fig. 37

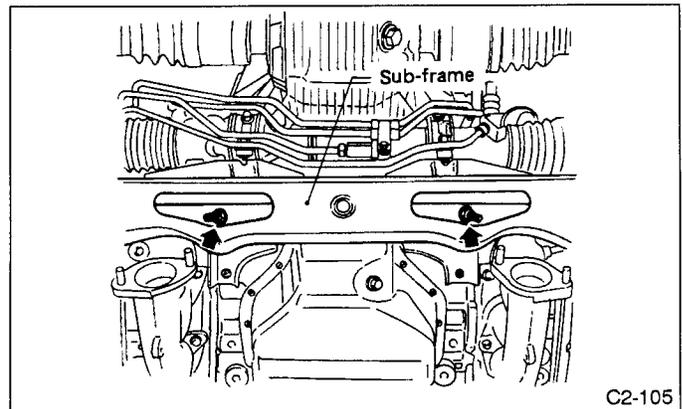
- 13) Remove stabilizer ASSY.
 - (1) Remove right side brake hose and ABS harness from strut.
 - (2) Remove stabilizer link.
 - (3) After marking with paint between stabilizer lever and stabilizer CP, separate stabilizer lever from stabilizer CP.



C4-109

Fig. 38

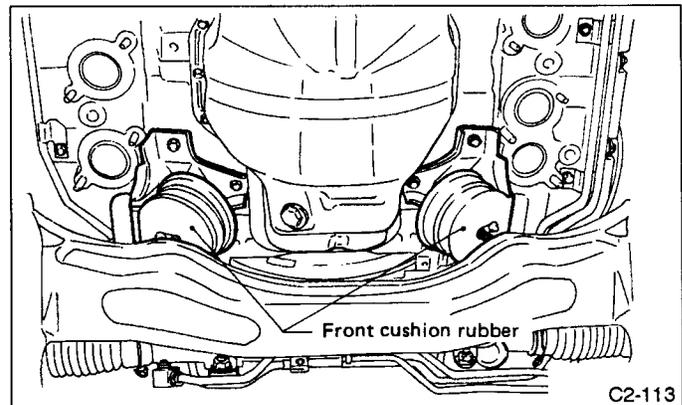
- (4) Remove stabilizer clump from sub-frame.
 - (5) Remove stabilizer CP.
- 14) Remove nuts which install cushion rubber onto sub-frame.



C2-105

Fig. 39

- 15) Raise up engine while cushion rubbers separate from sub-frame surely.
- 16) Remove bolts which install cushion rubber bracket onto engine block.



C2-113

Fig. 40

B: INSTALLATION

Installation is in the reverse order of removal.

1) Install cushion rubber onto lower side of engine block.

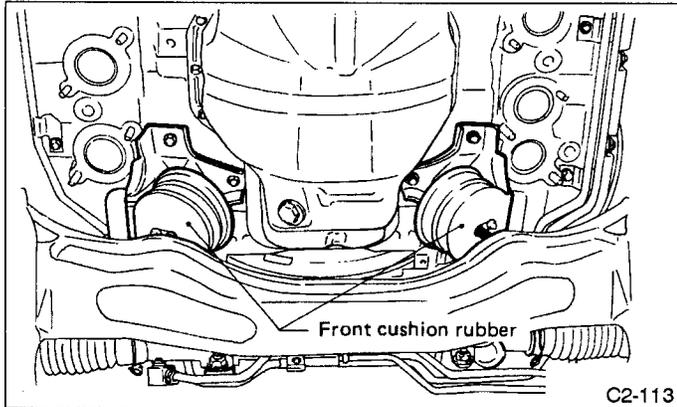


Fig. 41

Tightening torque: N•m (kg-m, ft-lb)
20 — 33 (2 — 3.4, 14 — 25)

2) Lower engine down onto sub-frame.

Make sure that the cushion rubber locator is in the elliptical hole in sub-frame.

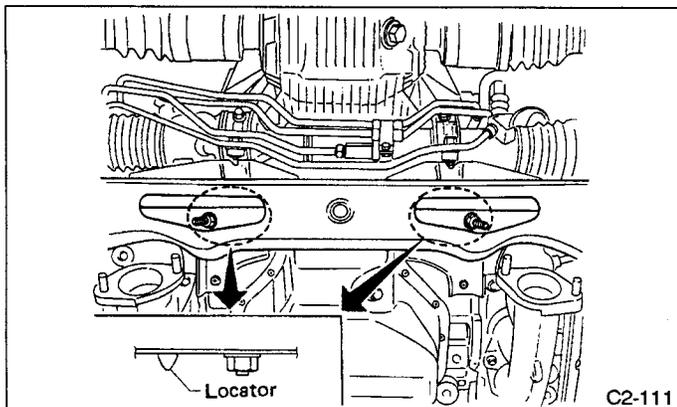


Fig. 42

3) Tighten bolts which install cushion rubber onto sub-frame.

Tightening torque: N•m (kg-m, ft-lb)
54 — 83 (5.5 — 8.5, 40 — 61)

4) Install stabilizer ASSY.

(1) Install stabilizer CP, and temporarily tighten bolts which install stabilizer clump onto sub-frame.

(2) Install stabilizer lever to stabilizer CP.

Align the point mark between stabilizer CP and lever.

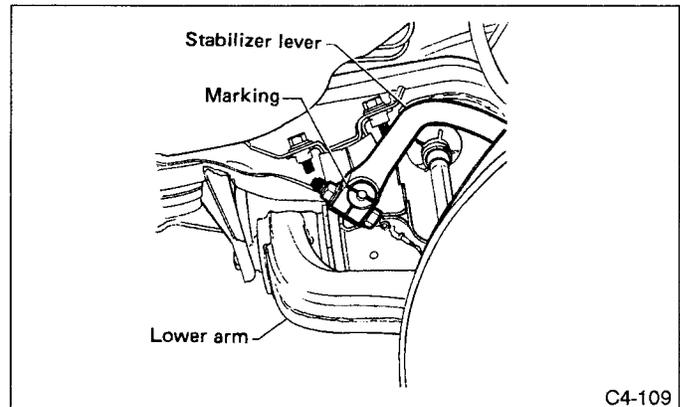


Fig. 43

Tightening torque: N•m (kg-m, ft-lb)
45 — 58 (4.6 — 5.9, 33.2 — 42.8)

(3) Install stabilizer link to stabilizer lever.

Tightening torque: N•m (kg-m, ft-lb)
32 — 42 (3.3 — 4.3, 23.6 — 31.0)

(4) Tighten stabilizer clump installing bolts.

Tightening torque: N•m (kg-m, ft-lb)
21 — 29 (2.1 — 3.0, 15.5 — 21.4)

(5) Install right side brake hose and ABS sensor harness on strut.

5) Install bolts which install power steering fluid cooling pipe onto body.
6) Install exhaust system.

(1) Install front exhaust pipes.

Refer to C.2-9.

(2) Install O₂ sensor harness to clip.

(3) Install under cover.

(4) Lower the vehicle.

In this time, loose wire ropes.

7) Connect O₂ sensor 1 & 2 connectors.

8) Remove wire ropes and lifting device.

9) Install pitching stopper.

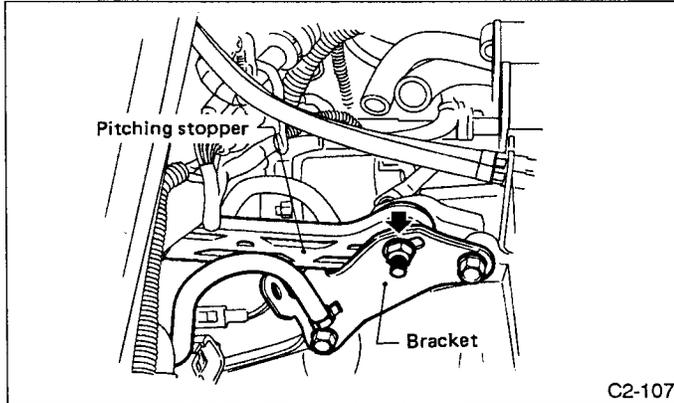


Fig. 44

10) Install air intake system.

(1) Install air intake boot.

(2) Install throttle body cover.

11) Install radiator bracket, and install A/C condenser to body.

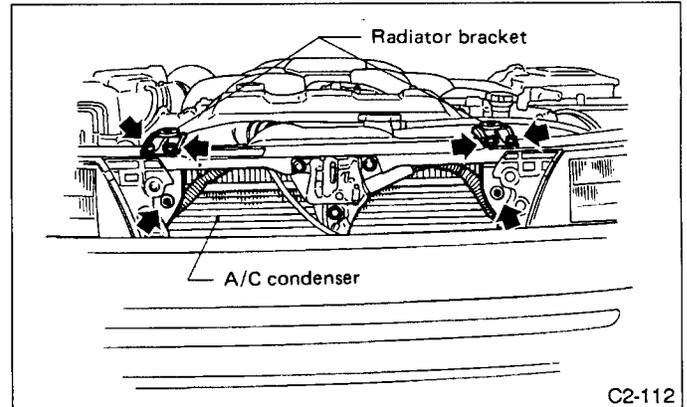


Fig. 45

12) Install grille ASSY.

13) Move damper, and close front hood.

14) Take off the vehicle from lift arms.

Refer to C. 1-3.

Tightening torque: N*m (kg-m, ft-lb)

To bracket side:

44 — 54 (4.5 — 5.5, 33 — 40)

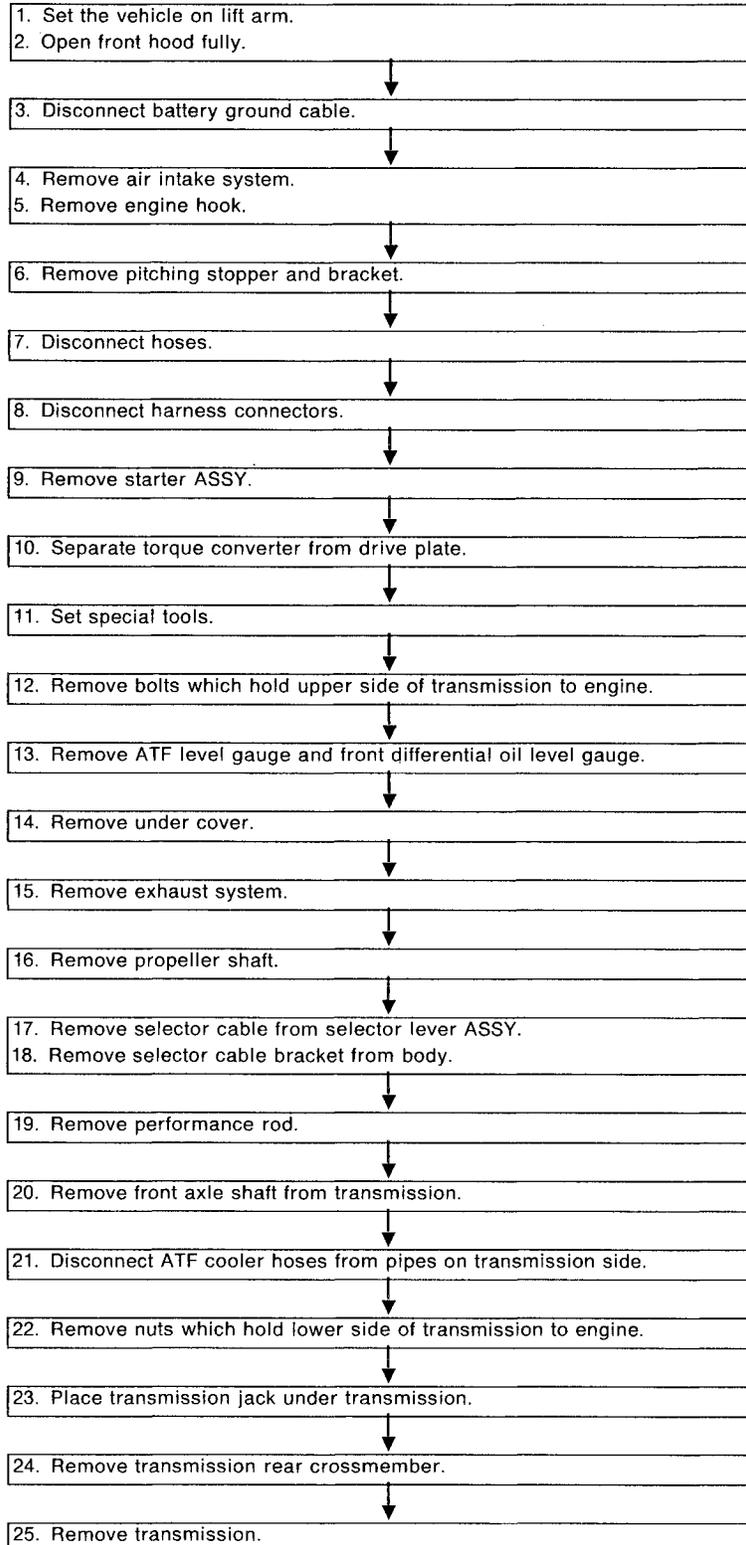
To body side:

47 — 67 (4.8 - 6.8, 35 — 49)

W SERVICE PROCEDURE

4. Transmission

A: REMOVAL



2-11 [W4A0] ENGINE AND TRANSMISSION MOUNTING SYSTEM

- 1) Set the vehicle on lift arm.
- 2) Move damper, and open front hood fully.

Refer to C.1-3☆1.

- 3) Disconnect battery ground cable.
- 4) Remove air intake system.
 - (1) Remove collector cover.
 - (2) Remove air intake boot.

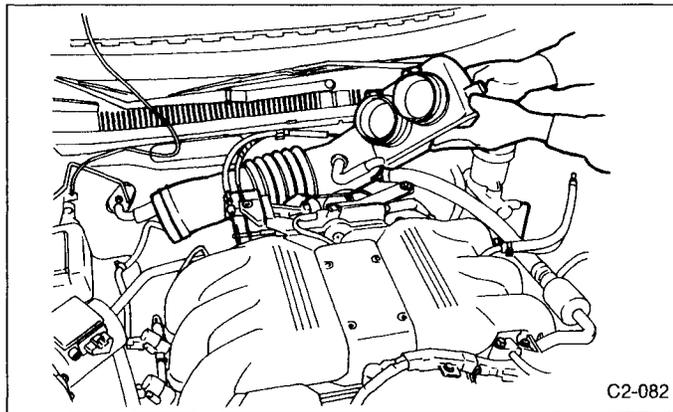


Fig. 2

- 5) Remove engine hook under throttle body.

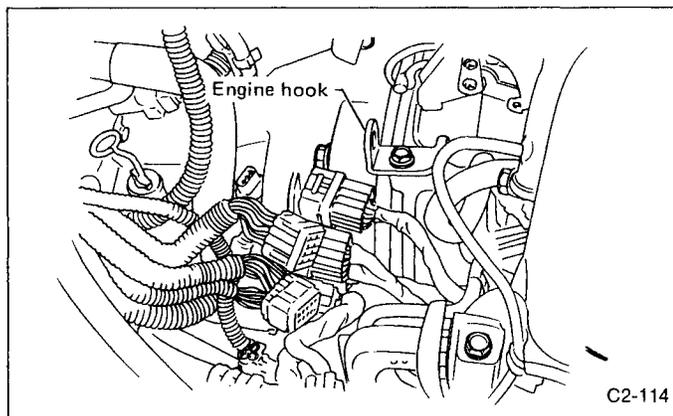


Fig. 3

- 6) Remove pitching stopper and bracket.
 - (1) Remove pitching stopper.
 - (2) After disconnecting transmission air vent hoses from bracket, remove bracket from transmission case.

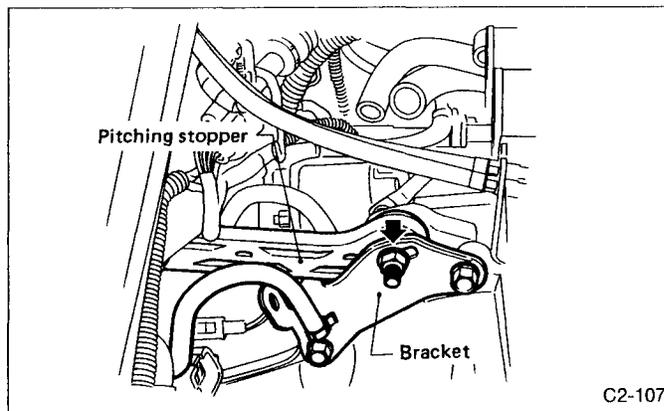


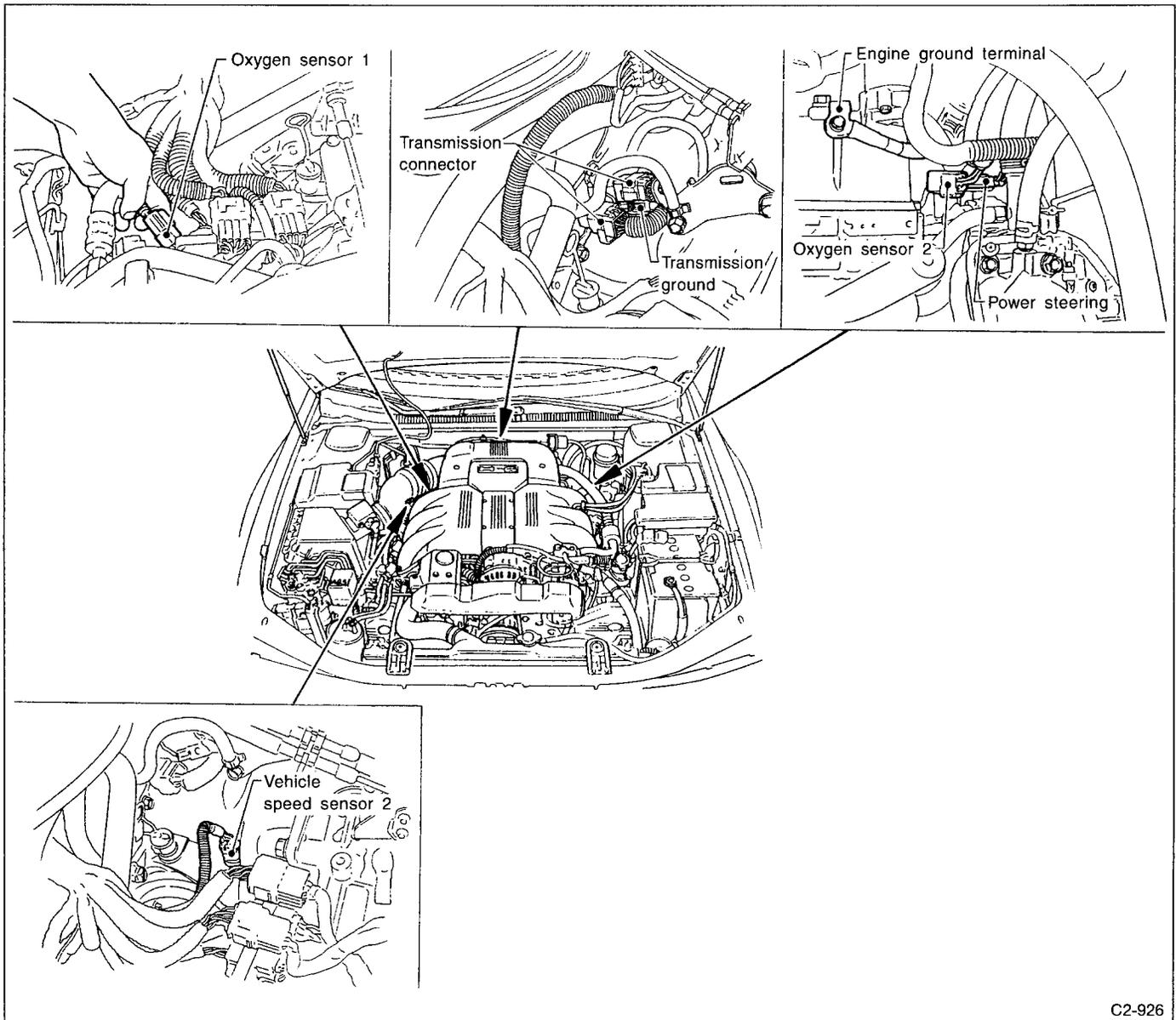
Fig. 4

- 7) Disconnect hoses.
Disconnect the following hoses:

- PCV valve hose
- Blow-by hose (From crank case to collector)

8) Disconnect harness connectors.

- Transmission harness connectors
- Transmission ground terminal connector
- Vehicle speed sensor 2 connector
- Front oxygen sensor 1 & 2 (RH & LH) connectors



C2-926

Fig. 5

2-11 [W4A0] ENGINE AND TRANSMISSION MOUNTING SYSTEM

- 9) Remove starter ASSY.
 - (1) Raise the vehicle.
 - (2) Remove nut which installs lower side of starter to transmission case.
 - (3) Lower the vehicle.
 - (4) Disconnect power supply terminal and magnet coil connector.
 - (5) Remove bolts which install upper side of starter, and remove starter ASSY.

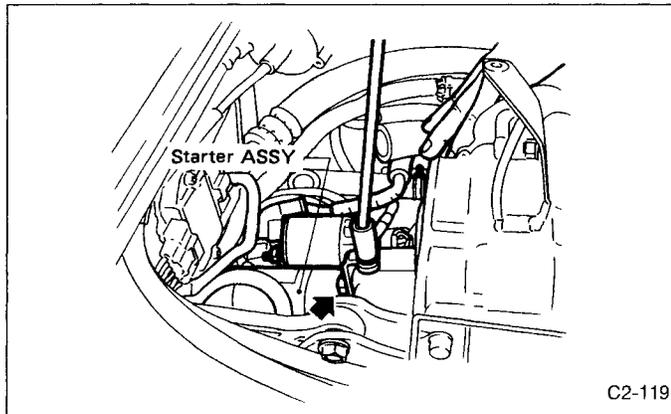


Fig. 6

- 10) Separate torque converter from drive plate.
 - (1) Remove service hole plug.
 - (2) Remove bolts which hold torque converter to drive plate.

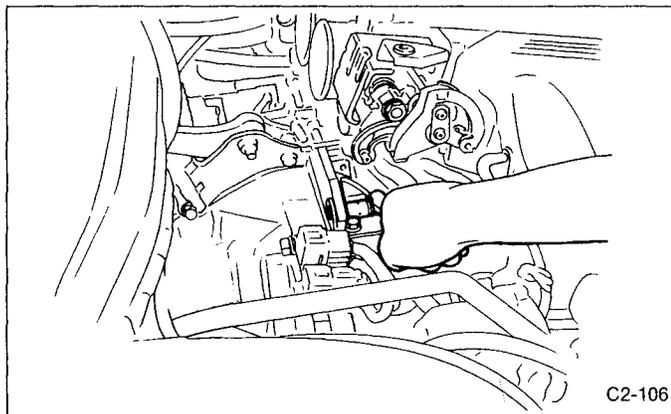


Fig. 7

- (3) While cranking the engine, remove other bolts.

- 11) Set special tools.

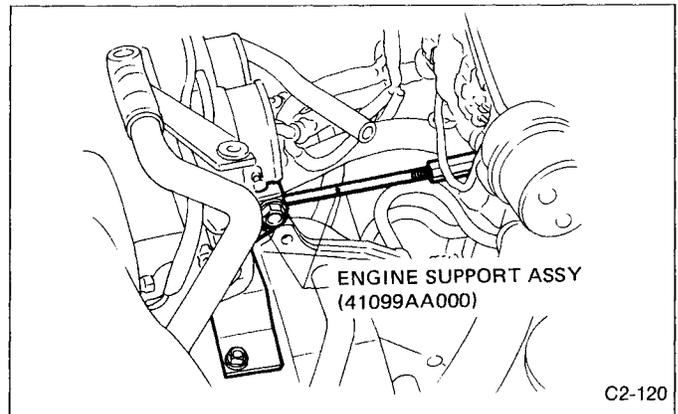


Fig. 8

- 12) Remove bolts which hold right upper side of transmission to engine.

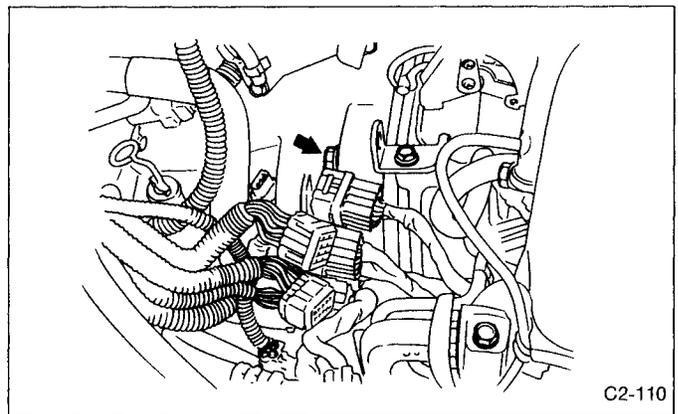


Fig. 9

- 13) Remove ATF level gauge and front differential oil level gauge.
- 14) Remove under cover.
 - (1) Lift up the vehicle.
 - (2) Remove under cover.

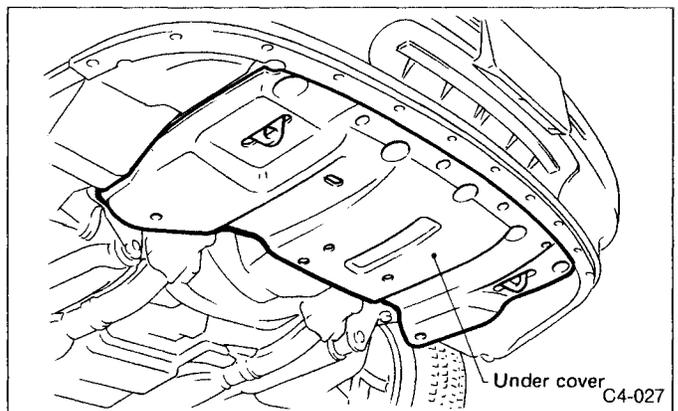


Fig. 10

- 15) Remove exhaust system.
 - (1) Remove front oxygen sensor harnesses from clips.
 - (2) Disconnect rear oxygen sensor connector.

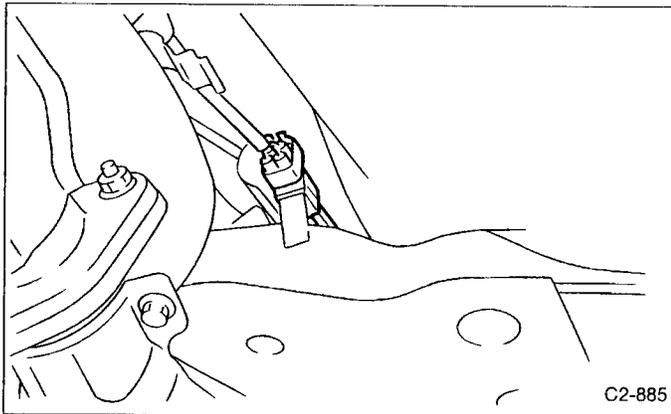


Fig. 11

- (3) Remove rear oxygen sensor connector from rear crossmember.

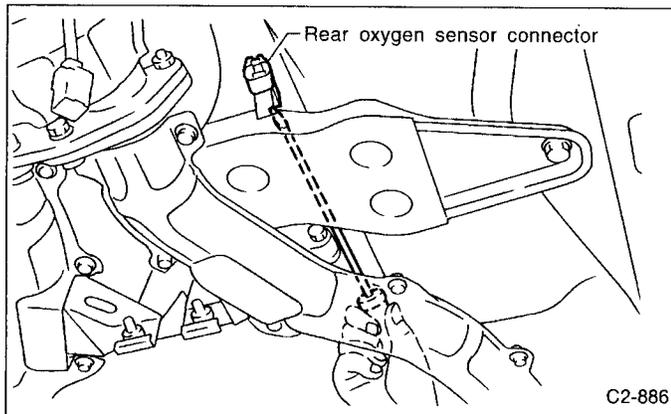


Fig. 12

- (4) Remove front exhaust pipes and rear catalyst converter.
- (5) Remove front exhaust cover.

Refer to C.2-9☆1.

- 16) Remove propeller shaft.
 - (1) Remove bolts which install propeller shaft to companion flange of rear differential.
 - (2) Remove bolts which hold center bearing to body.
 - (3) Remove propeller shaft from transmission.

Be sure to plug the opening in the transmission after removal of propeller shaft.

- 17) Remove selector cable from selector lever ASSY.
- 18) Remove selector cable bracket from body.

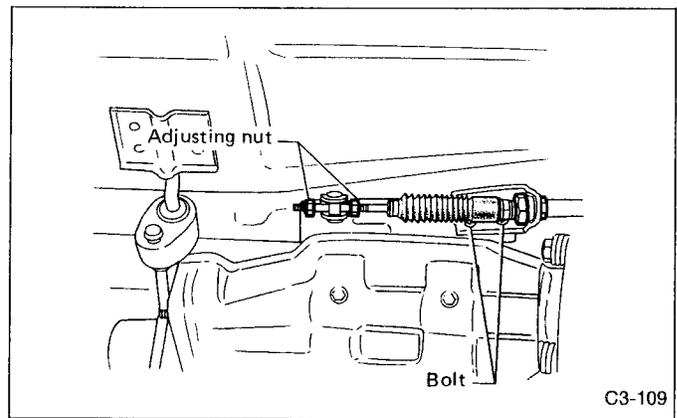


Fig. 13

- 19) Remove performance rod.

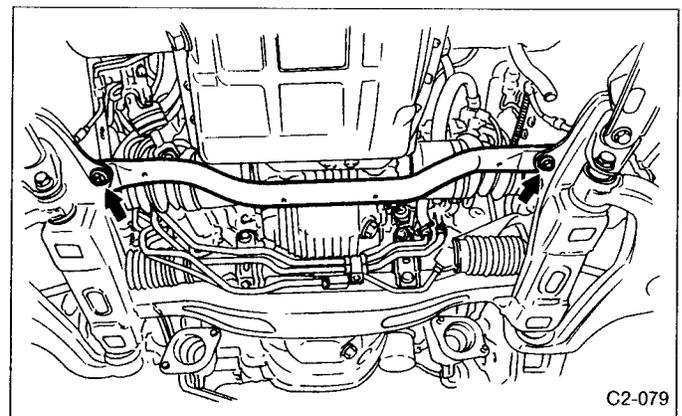


Fig. 14

- 20) Remove front axle shaft from transmission.
 - (1) Remove ball joint of lower arm from knuckle arm of housing.
 - (2) Remove stabilizer link from bracket.
 - (3) Remove brake hose and ABS sensor harness from start bracket.
 - (4) Remove spring pin which holds axle shaft into front differential drive shaft.

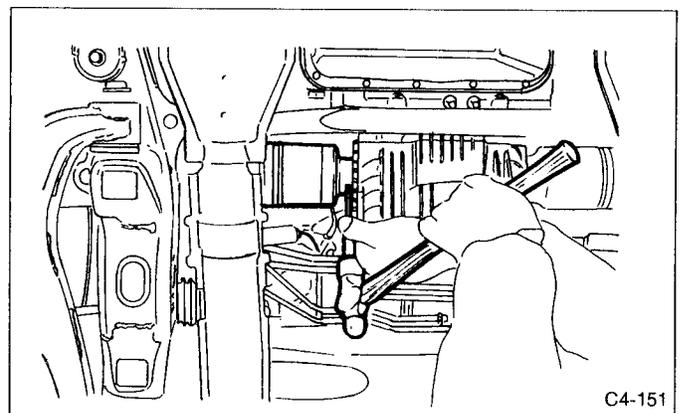


Fig. 15

2-11 [W4A0] ENGINE AND TRANSMISSION MOUNTING SYSTEM

(5) Remove axle shaft from transmission.

Refer to C.4-1☆1.

21) Disconnect ATF cooler hoses from pipes on transmission side.

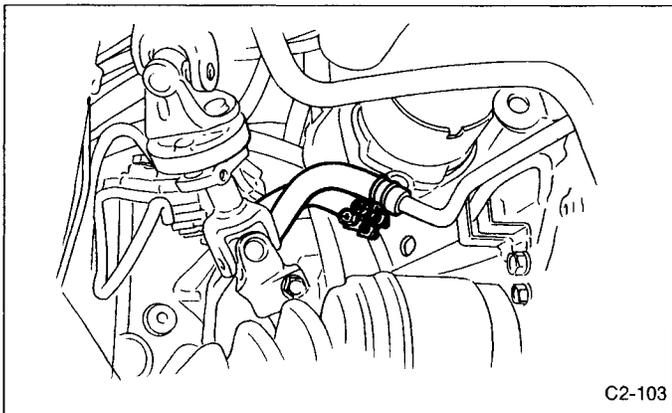


Fig. 16

Catch ATF into container.

22) Remove nuts which hold lower side of transmission to engine.

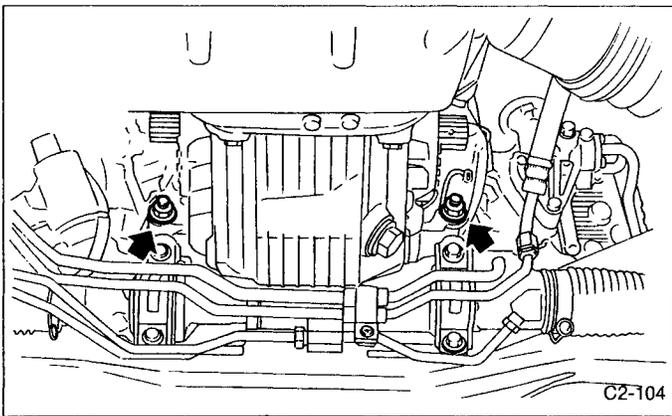


Fig. 17

23) Place transmission jack under transmission.

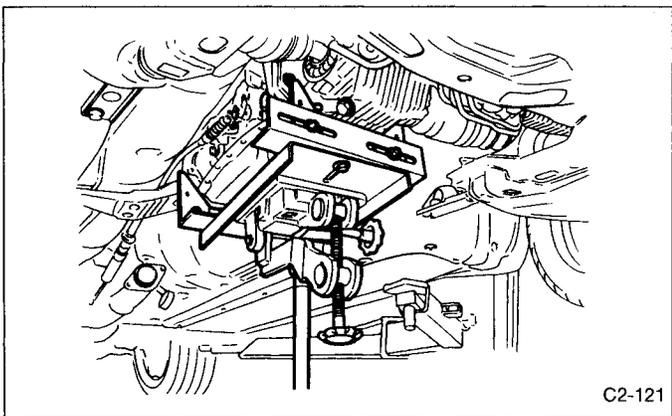


Fig. 18

24) Remove bolts which install rear crossmember to body.

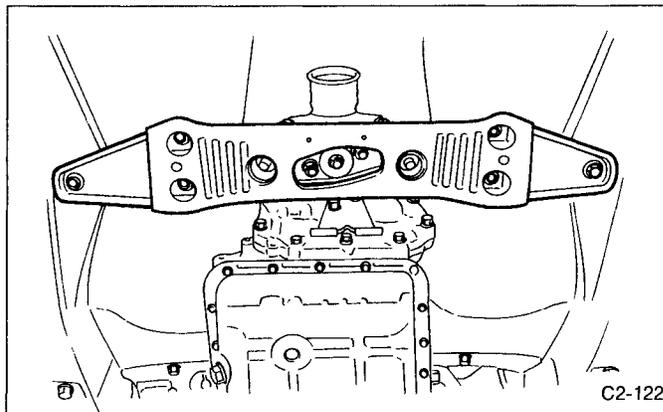
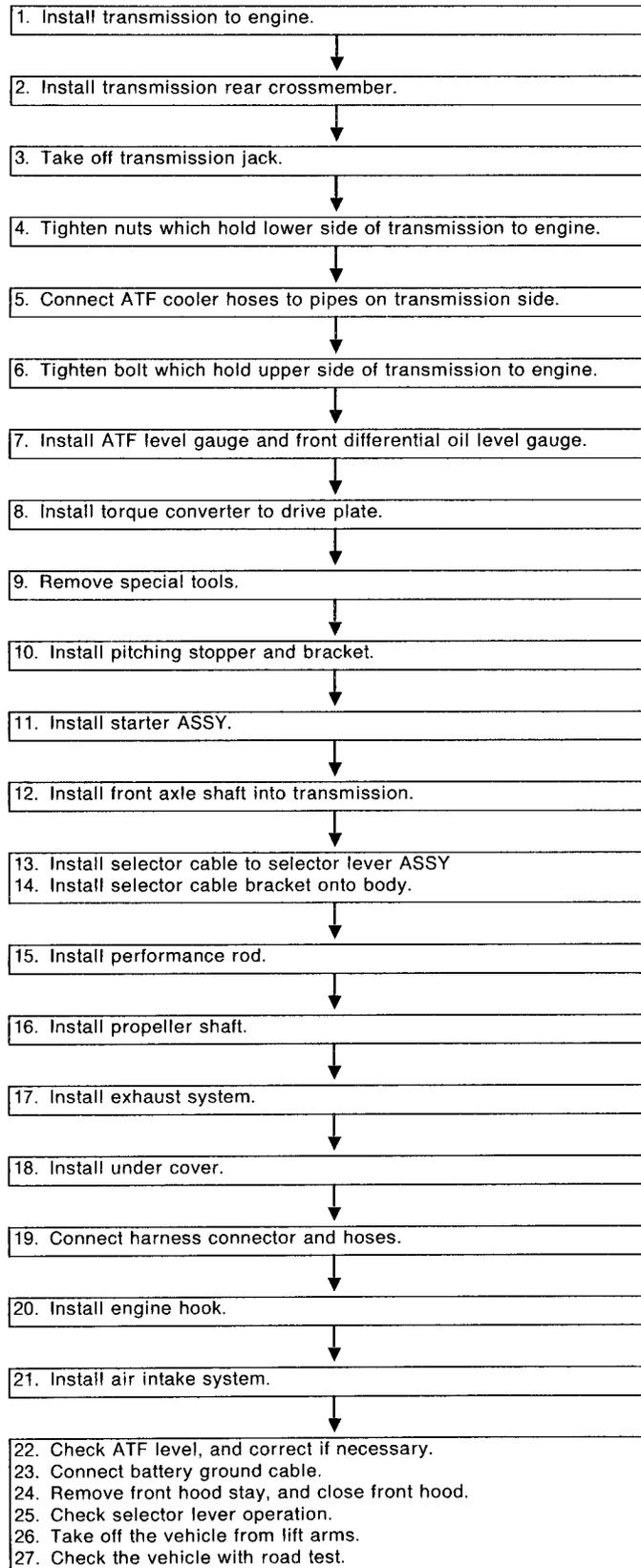


Fig. 19

25) Remove transmission.

Move torque converter and transmission as a unit away from the engine.

B: INSTALLATION

2-11 [W4B0] ENGINE AND TRANSMISSION MOUNTING SYSTEM

- 1) Install transmission on engine.
 - (1) Gradually raise transmission with transmission jack.
 - (2) Engage them at splines.
- 2) Install transmission rear crossmember to body.

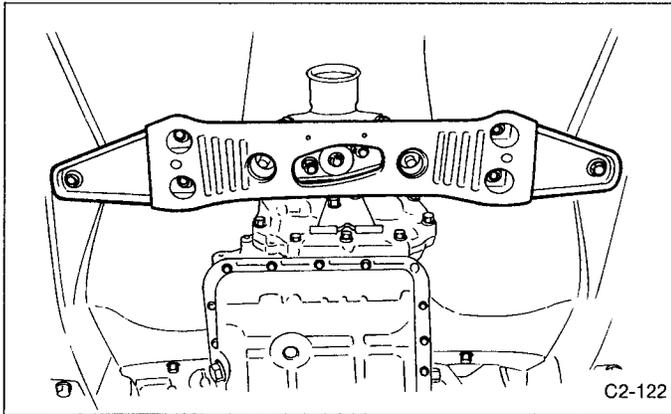


Fig. 20

Tightening torque: N·m (kg-m, ft-lb)
54 — 83 (5.5 — 8.5, 40 — 61)

- 3) Take off transmission jack.
- 4) Tighten nuts which hold lower side of transmission to engine.

Tightening torque: N·m (kg-m, ft-lb)
46 — 54 (4.7 — 5.5, 34 — 40)

- 5) Connect ATF cooler hoses to pipes on transmission side.

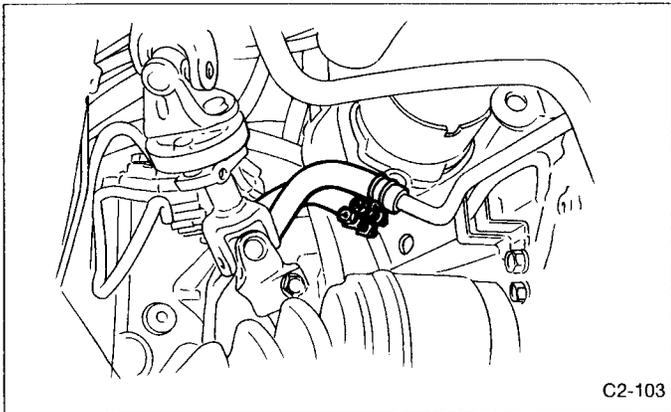


Fig. 21

- 6) Tighten bolts which hold upper side of transmission to engine.
 - (1) Lower the vehicle.
 - (2) Tighten transmission installing bolt.

Tightening torque: N·m (kg-m, ft-lb)
46 — 54 (4.7 — 5.5, 34 — 40)

- 7) Install ATF level gauge and front differential oil level gauge.
- 8) Install torque converter to drive plate.
 - (1) Tighten bolts which hold torque converter to drive plate.
 - (2) While cranking the engine, tighten other bolts.

Be careful not to drop bolts into torque converter housing.

Tightening torque: N·m (kg-m, ft-lb)
23 — 26 (2.3 — 2.7, 17 — 20)

- (3) Clog plug onto timing hole.
- (4) Install V-belt cover.
- 9) Remove special tools.

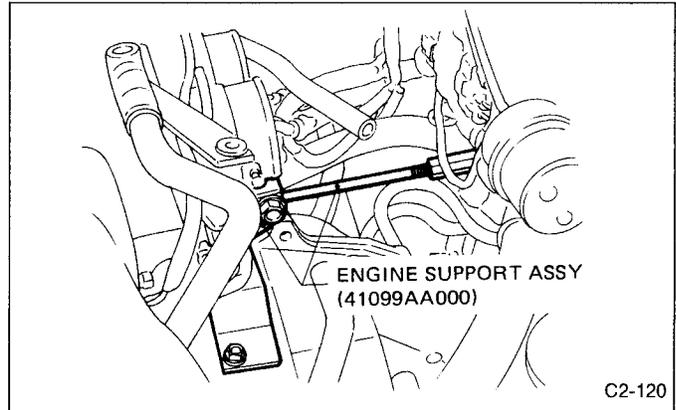


Fig. 22

- 10) Install pitching stopper and bracket.
 (1) Install pitching stopper bracket on transmission torque converter case.

Tightening torque: N·m (kg-m, ft-lb)
36 — 42 (3.7 — 4.3, 27 — 31)

- (2) Install pitching stopper.

Tightening torque: N·m (kg-m, ft-lb)
To body side: 47 — 67 (4.8 — 6.8, 35 — 49)
To bracket side: 34 — 54 (3.5 — 5.5, 25 — 40)

- 11) Install starter ASSY.
 (1) Install starter ASSY onto transmission case.
 (2) Connect magnet coil connector and power supply terminal.
 (3) Tighten bolts which install upper side of starter to transmission.

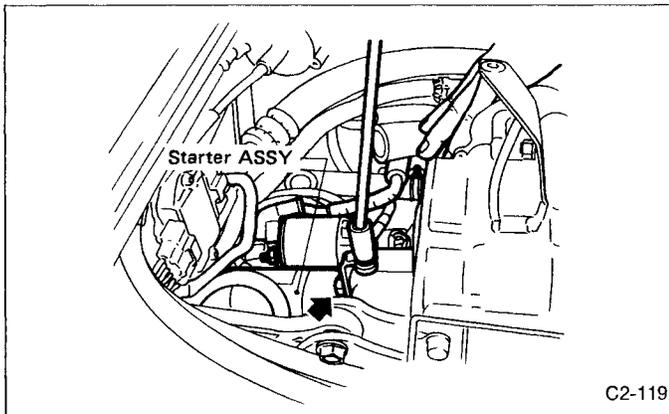


Fig. 23

Tightening torque: N·m (kg-m, ft-lb)
46 — 54 (4.7 — 5.5, 34 — 40)

- (4) Lift up the vehicle.
 (5) Tighten nut which installs lower side of starter to transmission.

Tightening torque: N·m (kg-m, ft-lb)
46 — 54 (4.7 — 5.5, 34 — 40)

- 12) Install front axle shaft into transmission.
 (1) Install front axle shaft into drive shaft.
 (2) Install spring pin.

Use new spring pin.

- (3) Install ball joint of lower arm into knuckle arm of housing, and tighten installing bolt.

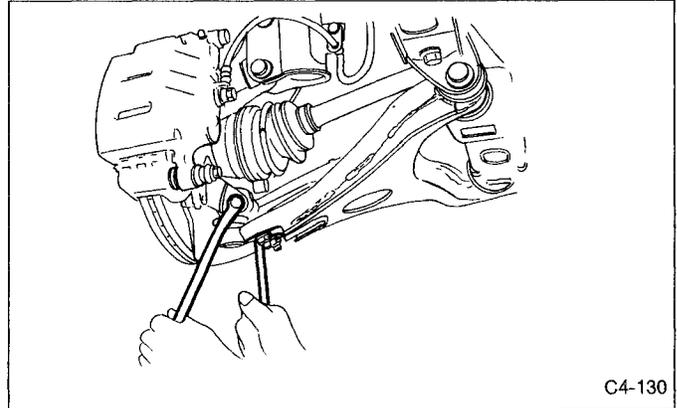


Fig. 24

Tightening torque: N·m (kg-m, ft-lb)
45 — 58 (4.6 — 5.9, 33.2 — 42.8)

- (4) Install ABS sensor harness and brake pipe onto strut bracket.

Refer to C.4-1☆1.

- 13) Install selector cable into selector lever ASSY.
 14) Install selector cable bracket onto body.

Tighten selector cable adjusting and lock nut after checking selector lever operation [Step. 23].

2-11 [W4B0] ENGINE AND TRANSMISSION MOUNTING SYSTEM

15) Install performance rod.

Tightening torque: N·m (kg·m, ft·lb)
45 — 58 (4.6 — 5.9, 33.2 — 42.8)

16) Install propeller shaft.

- (1) Install propeller shaft into transmission.
- (2) Tighten bolts and nut which install propeller shaft onto companion flange.

Tightening torque: N·m (kg·m, ft·lb)
24 — 39 (2.4 — 4.0, 17 — 29)

- (3) Install center bearing bracket on body.

Tightening torque: N·m (kg·m, ft·lb)
47 — 57 (4.8 — 5.8, 35 — 42)

Refer to C.3-4☆1.

17) Install exhaust system.

- (1) Install front exhaust cover.
- (2) Install rear catalyst converter and front exhaust pipes.
- (3) Install rear oxygen sensor connector onto rear crossmember, and connect rear oxygen sensor connector.
- (4) Install front oxygen sensor harnesses to clips.

Refer to C.2-9☆1.

18) Install under cover.

19) Connect harness connectors and hoses.

- (1) Lower the vehicle.
- (2) Connect the following harness connectors.
 - Transmission harness connector
 - Transmission ground terminal connector
 - Vehicle speed sensor 2 connector
 - Front oxygen sensor 1 & 2 (RH & LH) connectors
- (3) Connect the following hoses:
 - PCV valve hose
 - Blow-by hose

20) Install engine hook.

21) Install air intake system.

- (1) Install air intake boot.
- (2) Install collector cover.

22) Check ATF level, and correct if necessary.

Refer to C.1-4☆1.

23) Connect battery ground cable.

24) Move damper, and close front hood.

Refer to C.1-3☆1.

25) Check selector lever operation.

Refer to C.3-3☆1.

26) Remove vehicle from lift arms.

Refer to C.1-3☆1.

27) Check the vehicle with road test.

Refer to C.3-2☆1.

5. Rear Cushion Rubber

A: REMOVAL

1) Set the vehicle on lift arm.

Refer to C.1-3☆1.

2) Open front hood.

3) Remove exhaust system.

(1) Disconnect front oxygen sensor 1 & 2 (RH & LH) connectors.

(2) Lift up the vehicle.

(3) Remove under cover.

(4) Remove front oxygen sensor harnesses from clips.

(5) Disconnect rear oxygen sensor connector.

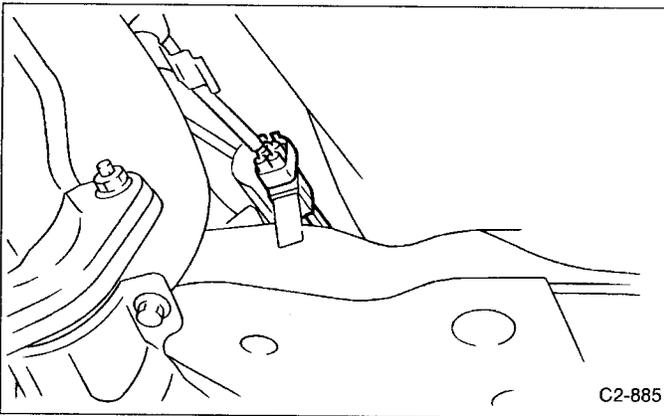


Fig. 25

(6) Remove rear oxygen sensor connector from rear crossmember.

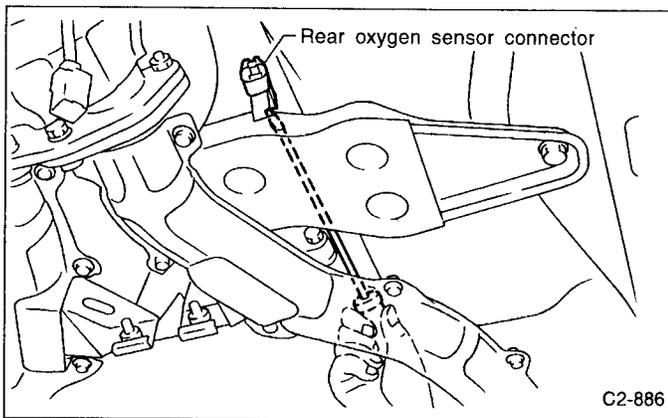


Fig. 26

(7) Remove front exhaust pipe and rear catalyst converter.

Refer to C.2-9☆1.

4) Place transmission jack under transmission.

5) Remove transmission rear crossmember.

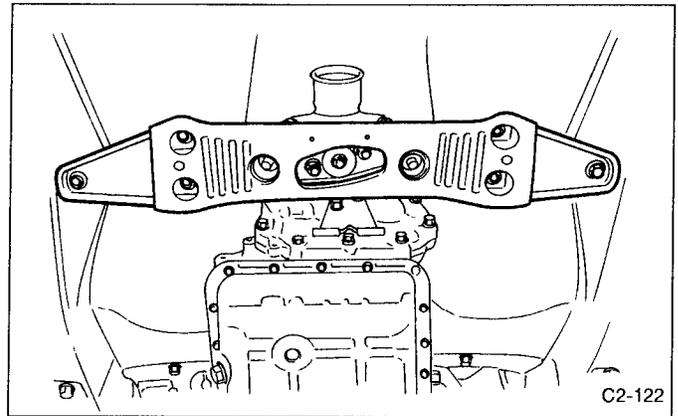


Fig. 27

6) Remove rear cushion rubber.

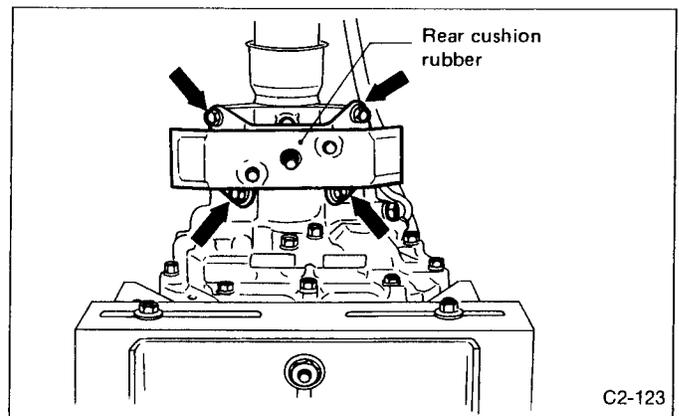


Fig. 28

B: INSTALLATION

Installation is in the reverse order of removal procedures.

1) Install rear cushion rubber.

Tightening torque: N·m (kg·m, ft·lb)

18 — 31 (1.8 — 3.2, 13 — 23)

2) Install transmission rear crossmember.

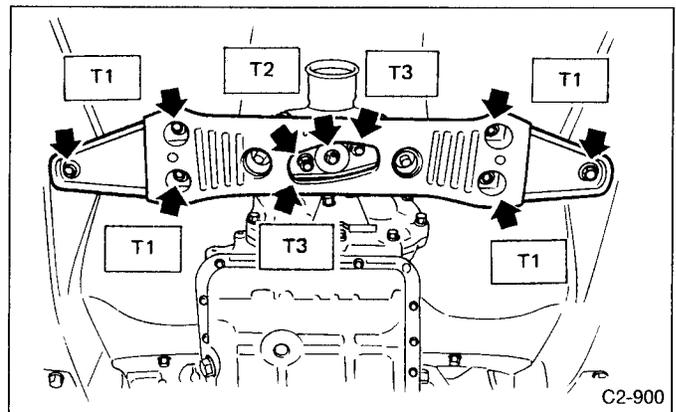


Fig. 29

2-11 [W5B0] ENGINE AND TRANSMISSION MOUNTING SYSTEM

Tightening torque: N·m (kg-m, ft-lb)

T1: 54 — 83 (5.5 — 8.5, 40 — 61)

T2: 23 — 36 (2.3 — 3.7, 17 — 27)

T3: 27 — 47 (2.8 — 4.8, 20 — 35)

- 3) Take off transmission jack.
- 4) Install exhaust system.
 - (1) Install rear catalyst converter and front exhaust pipes.
 - (2) Install rear oxygen sensor connector onto rear crossmember, and connect rear oxygen sensor connector.
 - (3) Install front oxygen sensor harnesses to clips.
 - (4) Install under cover.
 - (5) Lower the vehicle.
 - (6) Connect front oxygen sensor 1 & 2 connectors.

Refer to C.2-9☆1.

- 5) Close front hood.
- 6) Remove vehicle from lift arm.

Refer to C.1-3☆1.