

## REMOVAL

1. REMOVE HOOD
2. REMOVE NO.1 AND NO.2 ENGINE UNDER COVERS
3. DRAIN ENGINE COOLANT
4. DRAIN ENGINE OIL
5. DISCONNECT ACCELERATOR CABLE
6. REMOVE AIR CLEANER INLET
7. REMOVE AIR CLEANER ASSEMBLY
8. REMOVE RADIATOR ASSEMBLY (See page CO-15)
9. REMOVE NO.3 CYLINDER HEAD COVER
10. REMOVE DRIVE BELT FOR A/C COMPRESSOR (See page AC-17)
11. REMOVE DRIVE BELT FOR ALTERNATOR (See page CH-6)

### HINT:

Before removing the drive belt, loosen the 4 fan pulley nuts.

12. REMOVE DRIVE BELT FOR PS VANE PUMP (See page SR-27)
13. REMOVE FAN SPACER AND PULLEY

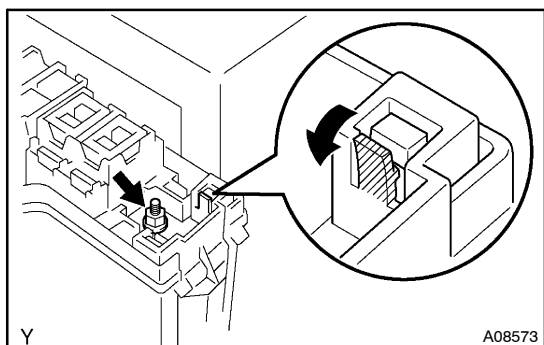
### 14. DISCONNECT ENGINE WIRE

#### HINT:

- Disconnect the engine wire from the vehicle side and remove it with engine assembly.
- In order to disconnect the engine room No.2 relay block and alternator wire, first remove the nut and push the tab on the side cover inward and then, pull the alternator wire upward with the side cover to remove.

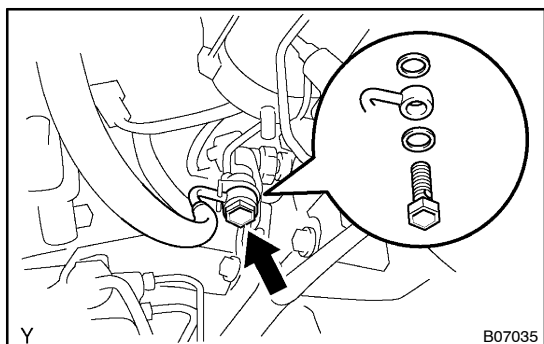
### 15. DISCONNECT HOSES

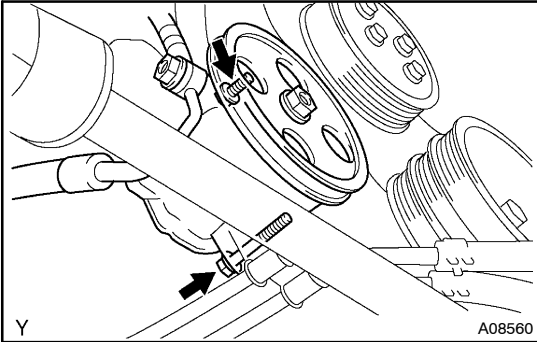
- (a) Disconnect the 2 heater hoses.
- (b) Disconnect the brake booster vacuum hose.
- (c) Disconnect the fuel vapor feed hose.



- (d) Disconnect the fuel inlet hose.

16. M/T:  
REMOVE TRANSMISSION SHIFT LEVER (See page MT-5)



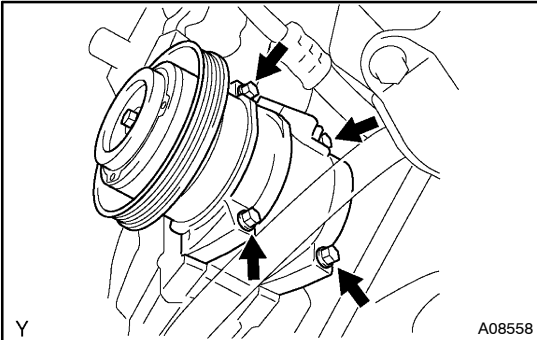


### 17. REMOVE PS VANE PUMP WITHOUT DISCONNECTING HOSES

- Disconnect the PS solenoid valve connector.
- Remove the 2 bolts, and disconnect the PS vane pump.

HINT:

Put aside the vane pump, and suspend it securely.

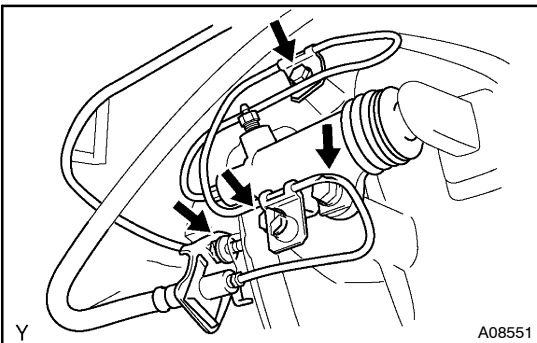


### 18. REMOVE A/C COMPRESSOR WITHOUT DISCONNECTING HOSES

- Disconnect the A/C compressor connector.
- Remove the 4 bolts, and disconnect the A/C compressor.

HINT:

Put aside the vane pump, and suspend it securely.

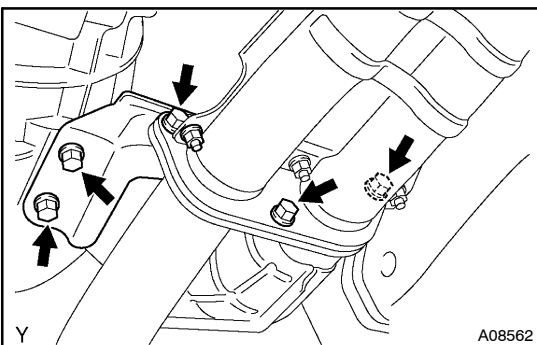


### 19. M/T: DISCONNECT CLUTCH RELEASE CYLINDER FROM TRANSMISSION

Remove the 4 bolts, and disconnect the clutch release cylinder and tube assembly and ground strap.

HINT:

Put aside the clutch release cylinder, and suspend it securely.



### 20. REMOVE FRONT AND CENTER EXHAUST PIPE ASSEMBLY

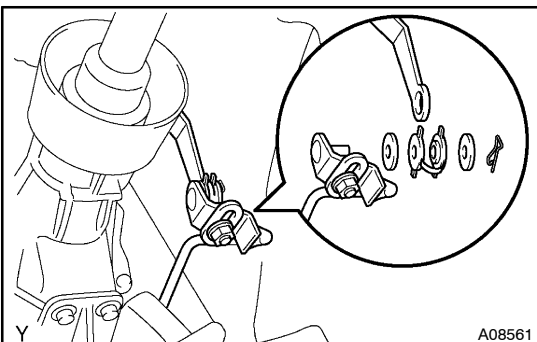
- Remove the 3 bolts, retainer and nut holding the front exhaust manifold to the front exhaust pipe.
- Remove the 2 bolts and exhaust manifold stay.
- Remove the 2 bolts and nuts holding the center exhaust pipe to the tailpipe.
- Remove the front and center exhaust pipe assembly and 3 gaskets.

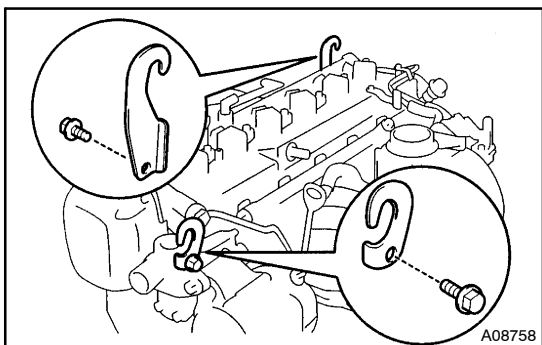
### 21. REMOVE PROPELLER SHAFT (See page PR-4)

### 22. A/T: DISCONNECT TRANSMISSION SHIFT CONTROL ROD

- Remove the clip and 2 plate washers, and disconnect the shift control rod.
- Remove the bushing.

### 23. RHD: REMOVE STEERING SLIDING YOKE (See page SR-23)





## 24. REMOVE ENGINE AND TRANSMISSION ASSEMBLY FROM VEHICLE

- (a) Install the No.1 and No.2 engine hangers in the correct direction.

Part No.:

No.1 engine hanger 12281-70050

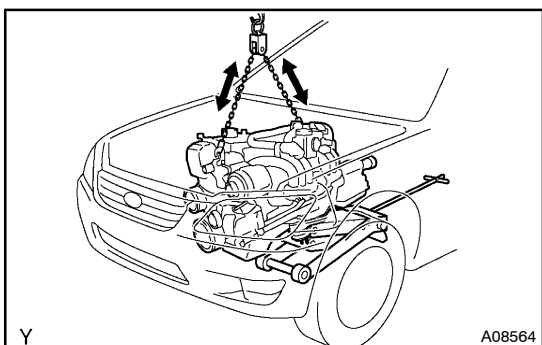
No.2 engine hanger 12282-70020

Bolt 91622-61020

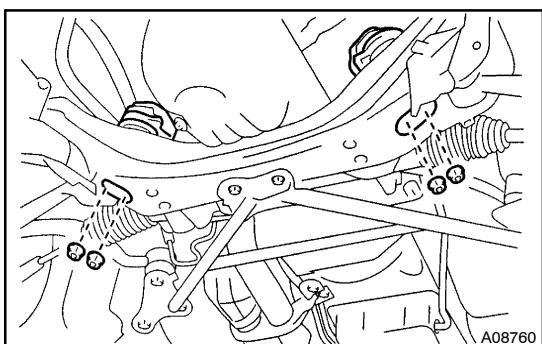
**Torque: 25 N·m (250 kgf·cm, 18 ft·lbf)**

### NOTICE:

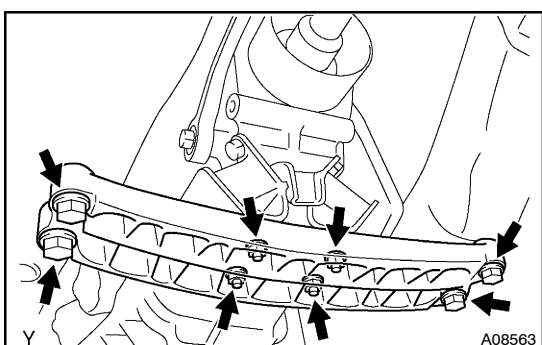
**Prepare new bolts.**



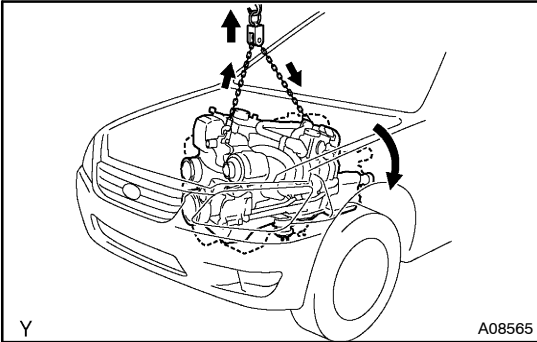
- (b) Attach the engine sling device to the engine hangers.



- (c) Remove the 4 nuts holding the engine mounting insulators to the front suspension crossmember.



- (d) Remove the 4 bolts, 4 nuts and rear engine mounting member.



(e) Lift the engine out of the vehicle slowly and carefully.

**NOTICE:**

**Make sure the engine is clear of all wiring, hoses and cables.**

(f) Place the engine and transmission assembly onto the stand.

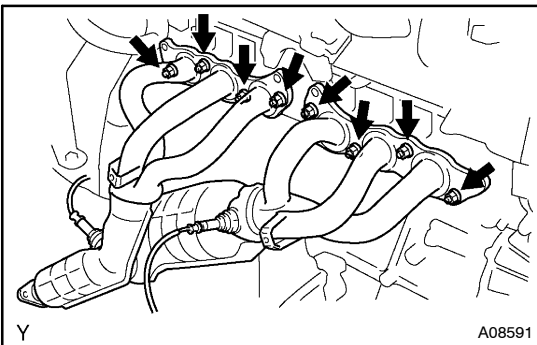
**25. A/T:**

**REMOVE OIL DIPSTICK AND GUIDE FOR A/T**

(a) Remove the bolt.

(b) Pull out the dipstick guide and dipstick from the dipstick tube.

(c) Remove the O-ring from the dipstick guide.



**26. REMOVE EXHAUST MANIFOLD**

(a) Remove the 6 bolts and 2 heat insulators.

(b) Remove the 3 nuts, exhaust manifold and 2 gaskets.

**27. A/T:**

**REMOVE OIL COOLER PIPES**

(a) Remove the 3 bolts and pipe clamps.

(b) Loosen the 2 union nuts, and remove the 2 oil cooler pipes.

**28. A/T:**

**REMOVE TORQUE CONVERTER CLUTCH MOUNTING BOLTS (See page AT-29)**

**29. REMOVE STARTER**

**30. REMOVE TRANSMISSION**

(a) Remove the 3 bolts.

(b) Remove the transmission together with the torque converter clutch (A/T) from the engine.

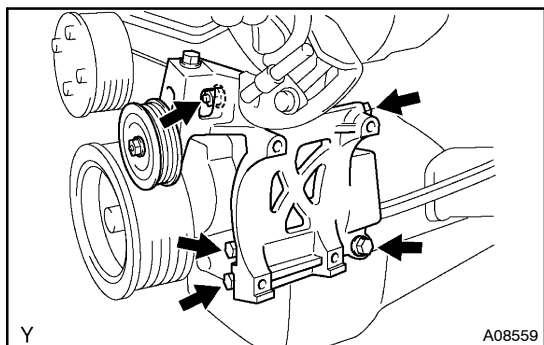
**31. M/T:**

**REMOVE CLUTCH COVER AND DISC**

(See page CL-15)

**32. REMOVE STIFFENER PLATES**

Remove the 4 bolts and 2 stiffener plates.



- 33. REMOVE A/C COMPRESSOR BRACKET**  
Remove the 4 bolts, nut and compressor bracket.