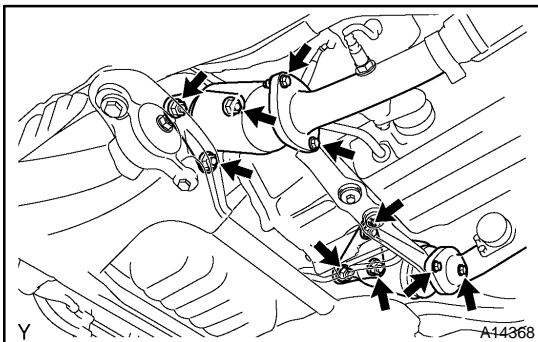
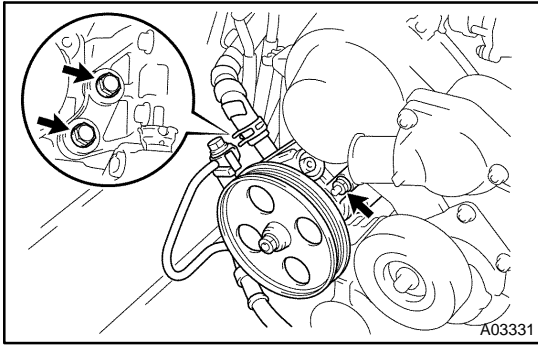


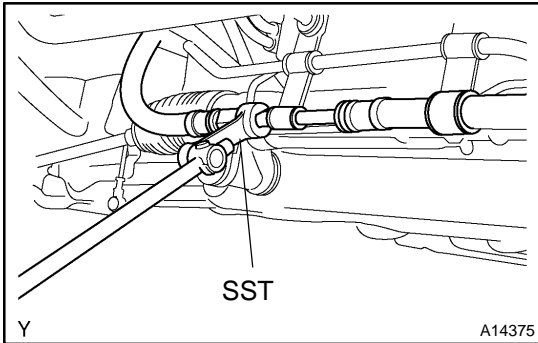
REMOVAL

1. REMOVE HOOD
2. REMOVE ENGINE UNDER COVER AND OIL PAN PROTECTOR
3. DRAIN ENGINE COOLANT
4. ENGINE OIL
5. REMOVE V-BANK COVER AND ENGINE SIDE ROOM COVERS
6. REMOVE AIR CLEANER INLET
7. REMOVE AIR CLEANER AND INTAKE AIR CONNECTOR ASSEMBLY
8. REMOVE DRIVE BELT (See page [CH-1](#))
9. DISCONNECT RADIATOR LOWER HOSE FROM WATER INLET HOUSING
10. DISCONNECT RADIATOR UPPER HOUSE FROM WATER BYPASS JOINT
11. DISCONNECT WIRE, CABLES AND HOSES
 - Disconnect the brake booster vacuum hose from the intake manifold.
 - Disconnect the 2 heater hoses from the water bypass pipe.
 - Disconnect the 2 ground straps from the body.
 - Disconnect the starter cable from the battery.
 - Disconnect the fuel inlet hose from the fuel main tube.
 - Disconnect the PS air hose from the intake manifold.
 - Disconnect the EVAP hose from the VSV for EVAP.
 - Disconnect the 2 A/T oil cooler hoses from the radiator.
 - Disconnect the 2 electric cooling fan connectors.
 - Disconnect the 2 electric cooling fan ECU connectors.
12. DISCONNECT ENGINE WIRE FROM ECM BOX
 - (a) Remove the ECM box cover.
 - (b) Disconnect the 5 ECM connectors and 2 wire connectors.
 - (c) Disconnect the grommet and engine wire from the ECM box.
13. DISCONNECT HEATED OXYGEN SENSORS FROM FRONT EXHAUST PIPE
14. REMOVE FRONT EXHAUST PIPE, CENTER EXHAUST PIPE AND TAIL PIPES (See page [EM-119](#))
15. REMOVE TWC
16. REMOVE HEAT INSULATORS
17. REMOVE PROPELLER SHAFT (See page [PR-3](#))
18. DISCONNECT A/C COMPRESSOR FROM ENGINE (See page [AC-52](#))



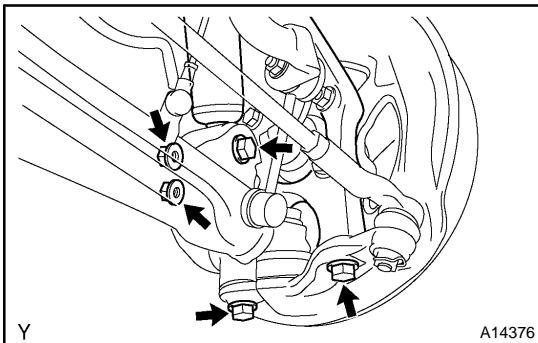
**19. REMOVE PS PUMP AND OIL RESERVOIR**

- (a) Remove the 2 bolts, nut and PS pump from the engine.
- (b) Remove the 3 bolts and PS oil reservoir from the PH fender apron.

**20. DISCONNECT PS OIL TUBE**

Using SST, disconnect the PS oil tube from the PS gear housing.

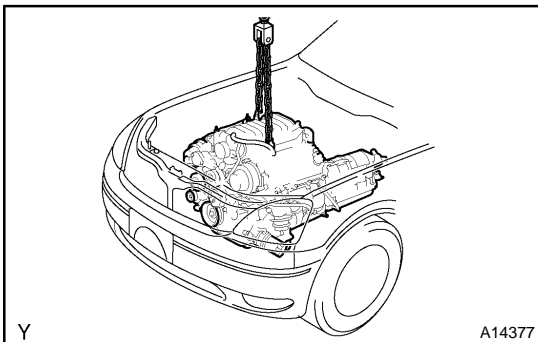
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21. DISCONNECT SLIDING YOKE FROM INTERMEDIATE SHAFT**22. REMOVE FRONT STABILIZER BAR (See page SA-49)****23. DISCONNECT SHOCK ABSORBER FROM LOWER ARM**

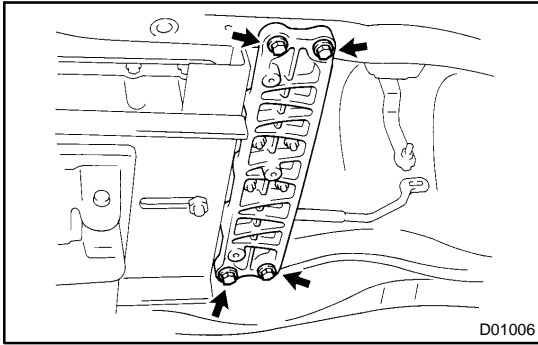
Remove the bolt and nut, disconnect the shock absorber from the lower arm.

24. DISCONNECT LEVEL HEIGHT SENSOR LINKAGE FROM LOWER ARM**25. DISCONNECT LOWER ARM FROM STEERING KNUCKLE**

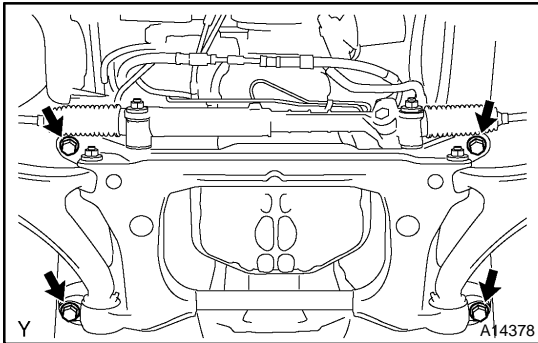
Remove the 2 bolts, disconnect the lower arm from the steering knuckle.

**26. REMOVE ENGINE AND TRANSMISSION ASSEMBLY FROM VEHICLE**

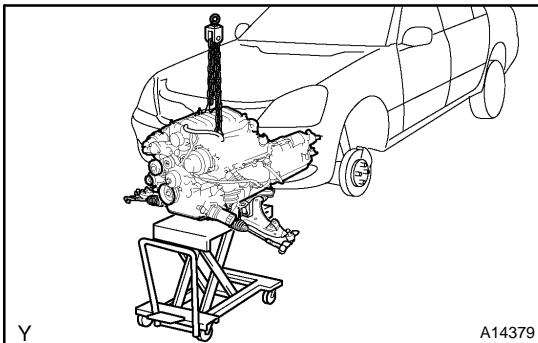
- (a) Attach the engine chain hoist to the engine hangers and hold the engine tightly.



- (b) Remove the nut, and disconnect the transmission control rod from the shift lever.
- (c) Remove the 4 bolts and disconnect the rear mounting member from the body.
- (d) Set the engine jack.



- (e) Remove the 4 bolts and disconnect the front suspension member from the body.

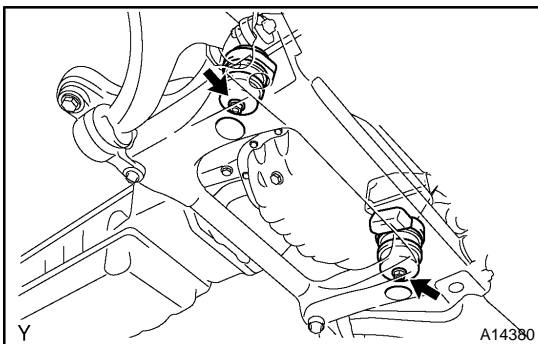


- (f) Lower the engine out of the vehicle slowly and carefully.

NOTICE:

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

- (g) Using a engine sliding device, and place the engine and transmission assembly onto the stand.

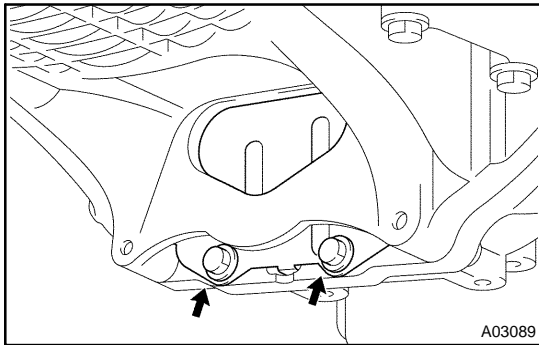
**27. REMOVE FRONT SUSPENSION MEMBER FROM ENGINE**

Remove the 2 nuts and front suspension member with the steering gear housing.

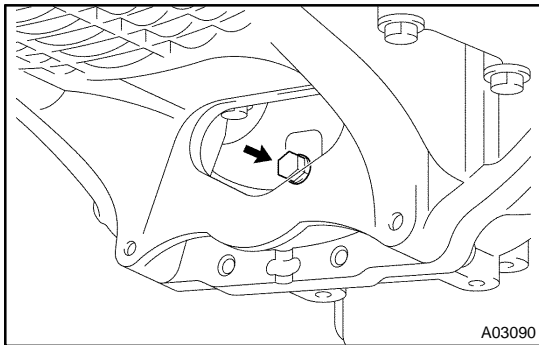
28. DISCONNECT ENGINE WIRE FROM TRANSMISSION

- (a) Disconnect the PNP switch connector.
- (b) Disconnect the solenoid connector.
- (c) Disconnect the direct clutch speed sensor connector.
- (d) Disconnect the PNP switch connector.
- (e) Disconnect the 4 engine wire clamps from the bracket.

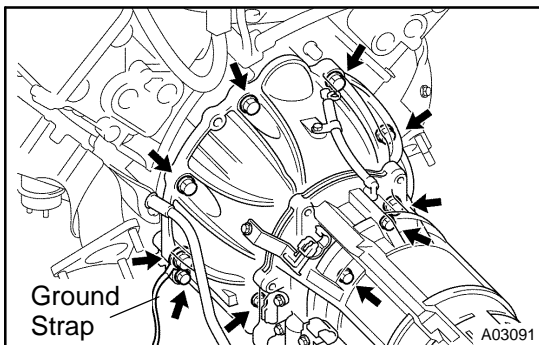
29. REMOVE OIL DIPSTICK GUIDE AND DIPSTICK FOR TRANSMISSION**30. REMOVE OIL COOLER PIPES FOR TRANSMISSION**



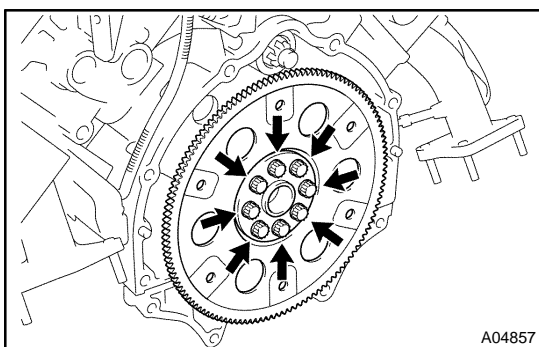
- 31. REMOVE TORQUE CONVERTER CLUTCH BOLTS**
 (a) Remove the 2 bolts and flywheel housing under cover.



- (b) Turn the crankshaft pulley bolt to again access to each bolt.
 (c) Hold the crankshaft pulley bolt with a wrench, and remove the 6 bolts.



- 32. REMOVE TRANSMISSION FROM ENGINE**
 (a) Remove the 10 bolts and engine wire bracket.
 (b) Remove the transmission together with the torque converter clutch from the engine.



- 33. REMOVE DRIVE PLATE**
 Remove the 8 bolts, front spacer, drive plate and rear spacer.