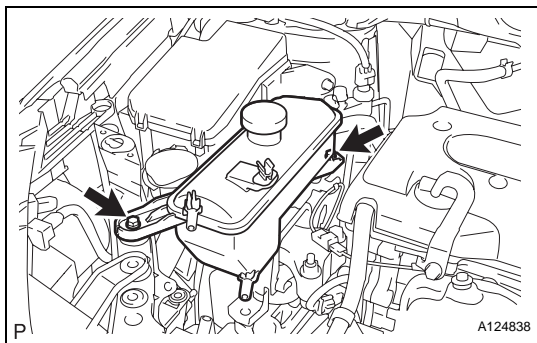
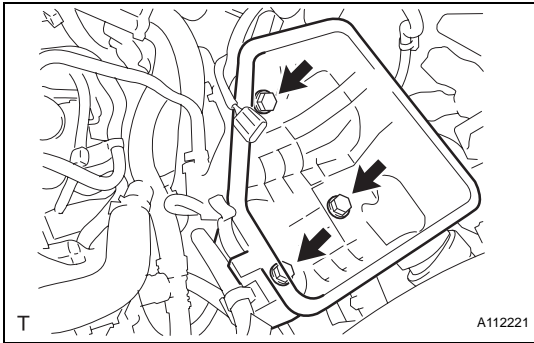


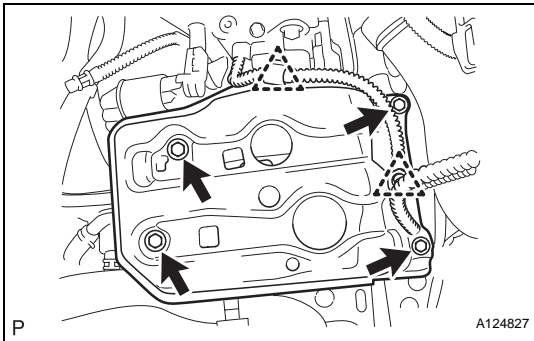
REMOVAL

1. **DISCHARGE FUEL SYSTEM PRESSURE** (See page [FU-9](#))
2. **DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL**
CAUTION:
Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.
3. **REMOVE HOOD SUB-ASSEMBLY** (See page [ED-4](#))
4. **REMOVE RADIATOR SUPPORT OPENING COVER**
5. **REMOVE BATTERY CLAMP SUB-ASSEMBLY**
(a) Loosen the bolt and nut, and remove the battery clamp.
6. **REMOVE BATTERY**
7. **REMOVE BATTERY TRAY**
8. **REMOVE FRONT WHEEL**
9. **REMOVE NO. 1 ENGINE UNDER COVER**
10. **REMOVE NO. 2 ENGINE UNDER COVER**
11. **REMOVE FRONT FENDER APRON RH**
12. **REMOVE NO. 1 ENGINE COVER** (See page [EM-22](#))
13. **DRAIN ENGINE COOLANT** (See page [CO-6](#))
14. **DRAIN AUTOMATIC TRANSAXLE FLUID**
(a) Drain automatic transaxle fluid for U241E (2WD) (see page [AX-146](#)).
(b) Drain automatic transaxle fluid for U140F (4WD) (see page [AX-147](#)).
15. **REMOVE RADIATOR ASSEMBLY**
(a) Remove the radiator (see page [CO-29](#)).
16. **REMOVE RADIATOR RESERVOIR**
(a) Remove the 2 bolts and reservoir.
17. **REMOVE PURGE VSV** (See page [EC-15](#))
18. **REMOVE AIR CLEANER CAP** (See page [ES-411](#))
19. **REMOVE AIR CLEANER FILTER ELEMENT SUB-ASSEMBLY**

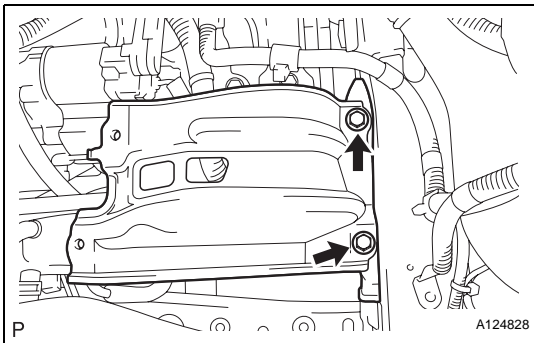


**20. REMOVE AIR CLEANER CASE SUB-ASSEMBLY**

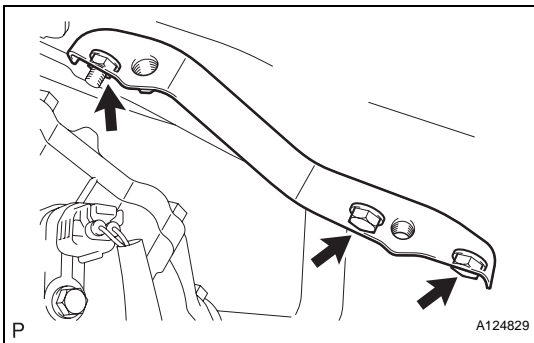
- (a) Remove the 3 bolts from the air cleaner case.
- (b) Disconnect the case from the NO. 1 air cleaner inlet.

**21. REMOVE FRONT BATTERY CARRIER**

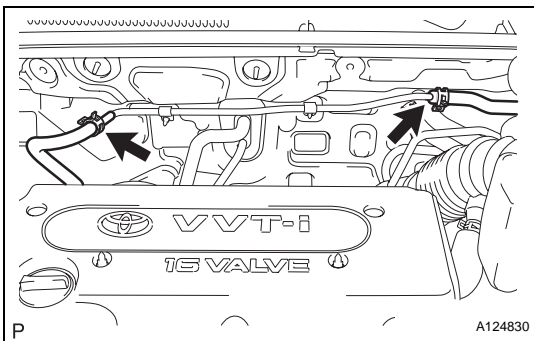
- (a) Disconnect the 2 clamps of the engine wire.
- (b) Remove the 4 bolts and front battery carrier.

**22. REMOVE BATTERY BRACKET REINFORCEMENT**

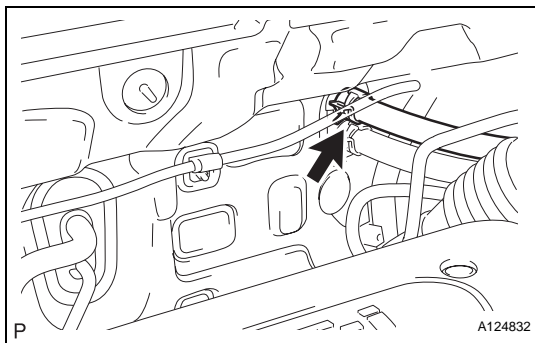
- (a) Remove the 2 bolts and battery bracket reinforcement.

**23. REMOVE BATTERY CARRIER BRACKET**

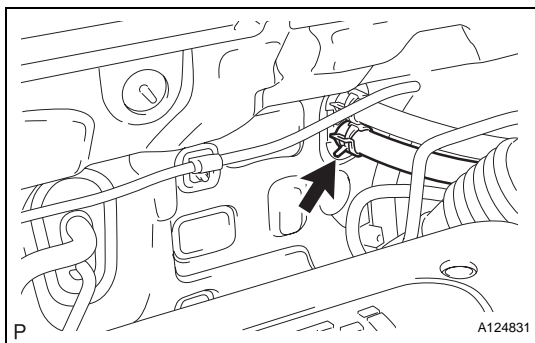
- (a) Remove the 2 bolts, nut and battery carrier bracket.

**24. DISCONNECT UNION TO CONNECTOR TUBE HOSE**

- (a) Disconnect the 2 union to connector tube hoses from the booster vacuum tube.

**25. DISCONNECT HEATER WATER INLET HOSE**

- (a) Disconnect the heater water inlet hose from the heater unit.

**26. DISCONNECT HEATER WATER OUTLET HOSE**

- (a) Disconnect the heater water outlet hose from the heater unit.

27. DISCONNECT FUEL TUBE (See page [FU-10](#))**28. REMOVE THROTTLE BODY (See page [ES-412](#))****29. DISCONNECT NO. 2 VENTILATION HOSE (See page [FU-10](#))****30. REMOVE FUEL DELIVERY PIPE SUB-ASSEMBLY (See page [FU-10](#))****31. REMOVE INTAKE MANIFOLD (See page [ES-419](#))****32. REMOVE INTAKE MANIFOLD INSULATOR (See page [ES-420](#))****33. REMOVE TRANSAXLE CONTROL CABLE ASSEMBLY**

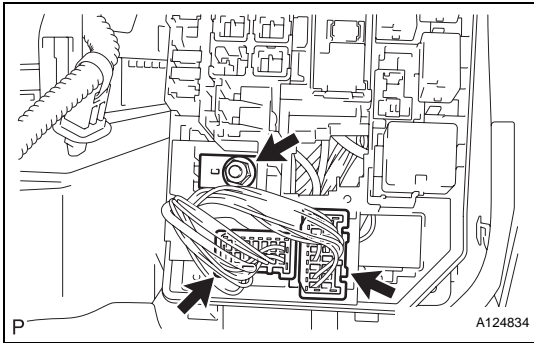
- (a) Remove the transaxle control cable for U241E (2WD) (see page [AX-129](#)).
(b) Remove the transaxle control cable for U140F (4WD) (see page [AX-129](#)).

34. REMOVE FRONT SUSPENSION MEMBER REINFORCEMENT RH (See page [EM-6](#))**35. REMOVE FAN AND GENERATOR V BELT (See page [EM-6](#))****36. REMOVE GENERATOR ASSEMBLY (See page [CH-9](#))****37. REMOVE COOLER COMPRESSOR ASSEMBLY**

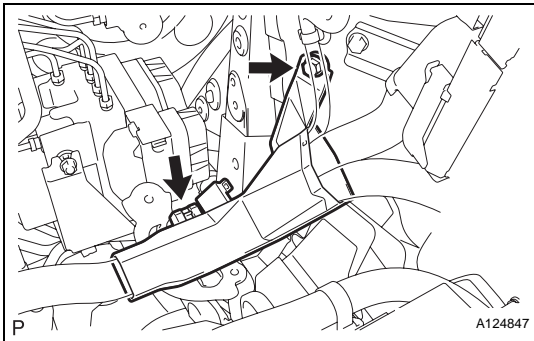
- (a) Remove the cooler compressor (see page [AC-216](#)).
HINT:
Disconnect the compressor together with the low-pressure and high-pressure hoses, then secure it to the vehicle side using rope.

38. REMOVE ECM (See page [ES-429](#))**39. DISCONNECT ENGINE WIRE**

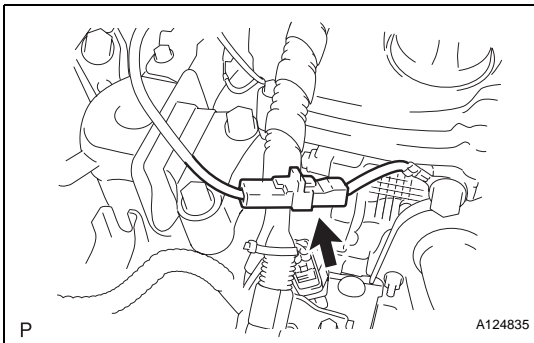
- (a) Remove the engine room relay block cover.



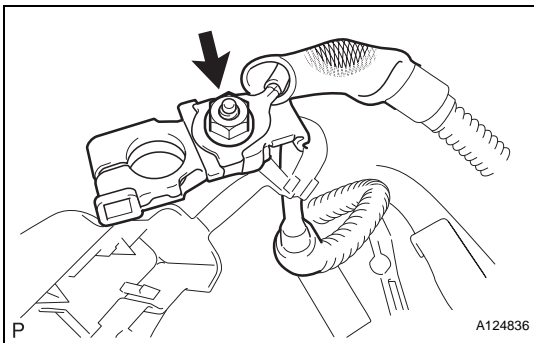
- (b) Remove the nut and disconnect the 2 engine wire connectors.



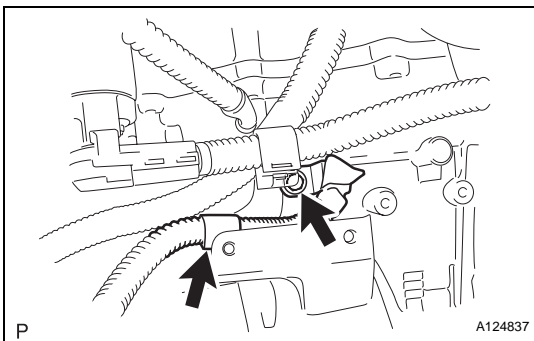
- (c) Remove the bolt and engine wire cover. Then disconnect the engine wire from the engine wire cover.



- (d) Disconnect the ground cable connector.



- (e) Remove the nut from the positive (+) battery terminal to disconnect the engine wire.



- (f) Disconnect the ground cable from the clamp located near the starter.
(g) Remove the bolt and ground cable located near the starter.

40. REMOVE FRONT EXHAUST PIPE ASSEMBLY (See page [EX-3](#))

41. REMOVE FRONT DRIVE SHAFT ASSEMBLY

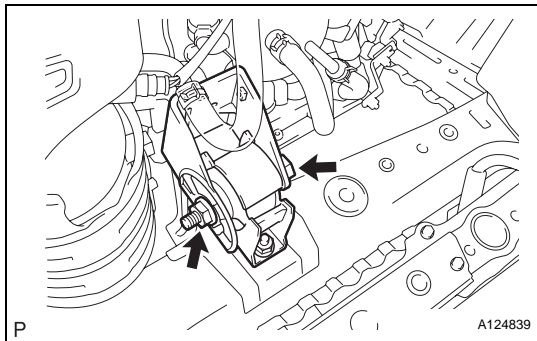
- (a) Remove the front drive shaft (for 2WD) (see page [DS-7](#)).

- (b) Remove the front drive shaft (for 4WD) (see page [DS-40](#)).

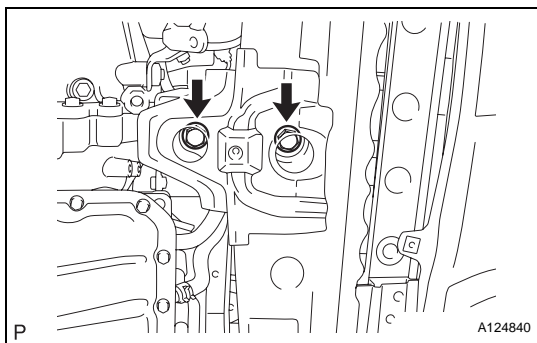
42. REMOVE PROPELLER SHAFT ASSEMBLY (for 4WD) (See page [PR-3](#))

43. REMOVE ENGINE MOUNTING INSULATOR FR

- (a) Remove the through bolt and nut.

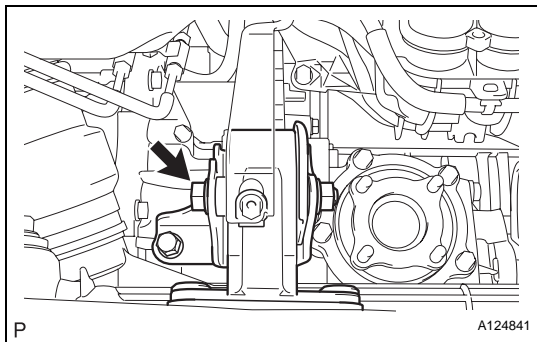


- (b) Remove the 2 bolts and engine mounting insulator FR.

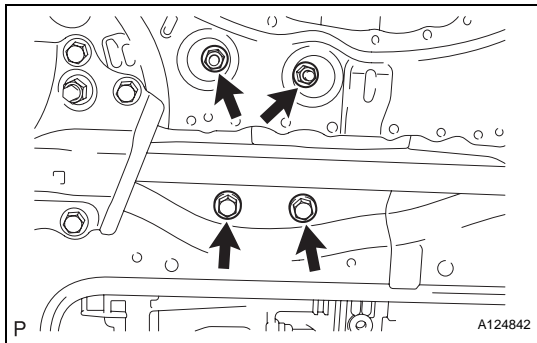


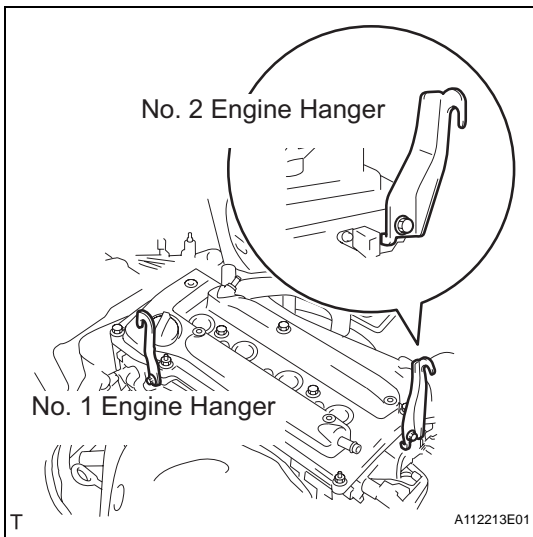
44. REMOVE ENGINE MOUNTING INSULATOR RR

- (a) Remove the through bolt.



- (b) Remove the 2 nuts, 2 bolts and engine mounting insulator RR.

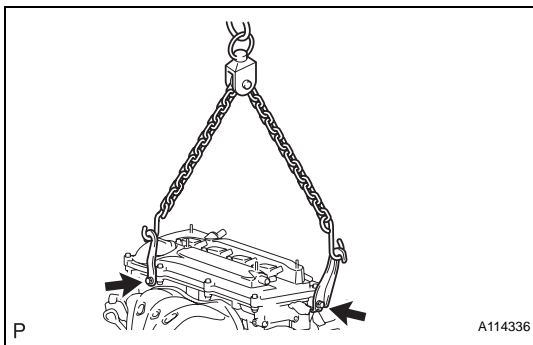


**45. REMOVE ENGINE ASSEMBLY WITH TRANSAXLE**

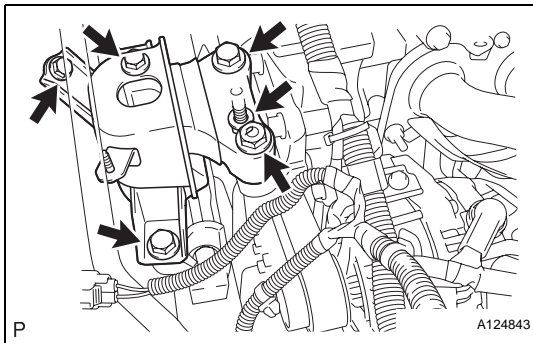
- (a) Install the No. 1 and No. 2 engine hangers with the bolts as shown in the illustration.

Torque: 38 N*m (387 kgf*cm, 28 ft.*lbf)
Part No.

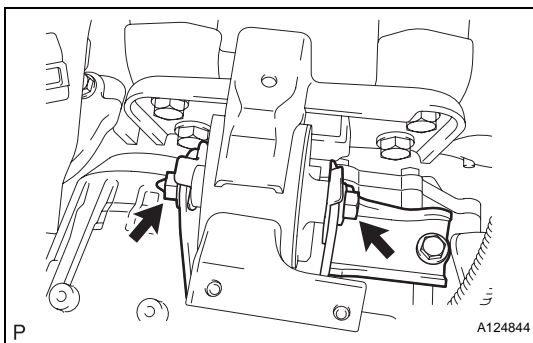
Item	Part No.
No. 1 engine hanger	12281-28010
No. 2 engine hanger	12282-28010
Bolt	91512-61020



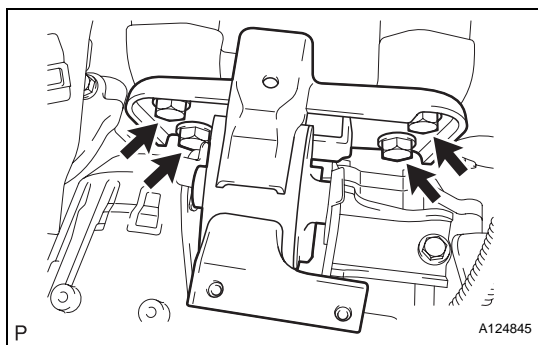
- (b) Attach the sling device to the engine hangers and chain block.
- (c) Carefully remove the engine with transaxle from the vehicle.

**46. REMOVE ENGINE MOUNTING INSULATOR RH**

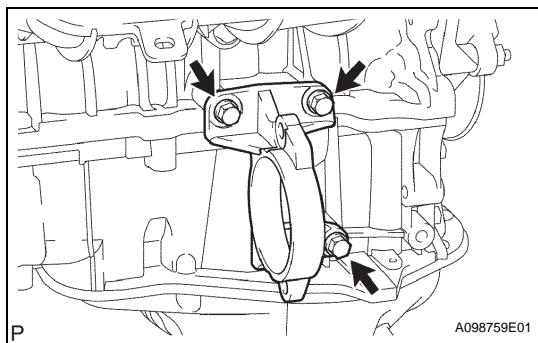
- (a) Remove the 2 nuts, 4 bolts and engine mounting insulator RH.

**47. REMOVE ENGINE MOUNTING INSULATOR LH**

- (a) Remove the through bolt and nut.

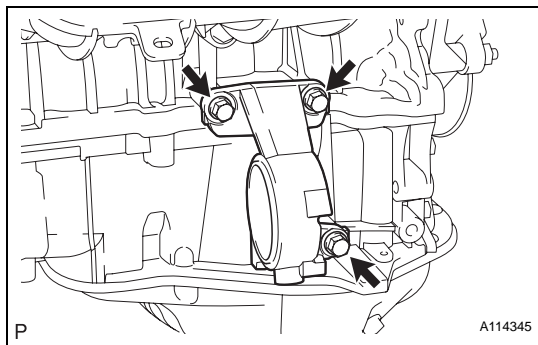


- (b) Remove the 4 bolts and engine mounting insulator LH.



48. REMOVE DRIVE SHAFT BEARING BRACKET (for 2WD)

- (a) Remove the 3 bolts and bracket.



49. REMOVE DRIVE SHAFT BEARING BRACKET (for 4WD)

- (a) Remove the 3 bolts and bracket.

50. REMOVE TRANSFER ASSEMBLY (for 4WD) (See page [TF-59](#))

51. REMOVE STARTER ASSEMBLY (See page [ST-7](#))

52. REMOVE AUTOMATIC TRANSAXLE ASSEMBLY

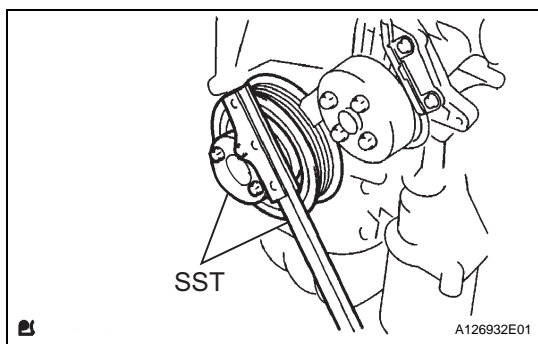
- (a) Remove the automatic transaxle for U241E (2WD) (see page [AX-147](#)).
 (b) Remove the automatic transaxle for U140F (4WD) (see page [AX-148](#)).

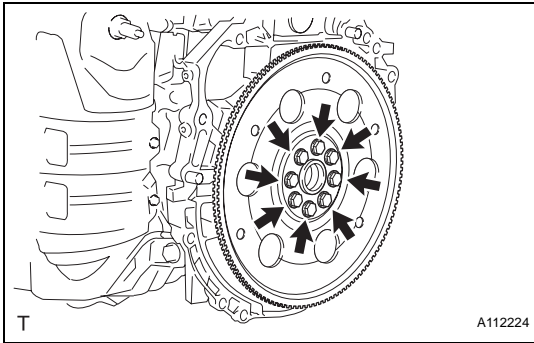
53. REMOVE TORQUE CONVERTER CLUTCH ASSEMBLY

- (a) Remove the torque converter clutch for U241E (2WD) (see page [AX-148](#)).
 (b) Remove the torque converter clutch for U140F (4WD) (see page [AX-149](#)).

54. REMOVE DRIVE PLATE SUB-ASSEMBLY

- (a) Using SST, hold the crankshaft.
SST 09213-54015 (91651-60855), 09330-00021





- (b) Remove the 8 bolts, rear spacer, drive plate and front spacer.