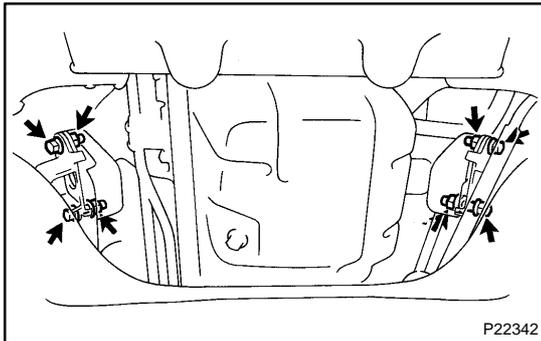


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INSTALLATION

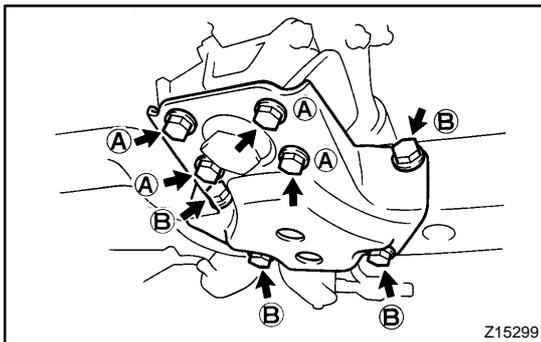
1. **INSTALL TRANSMISSION TO ENGINE**
2. **INSTALL ENGINE AND TRANSMISSION ASSEMBLY IN VEHICLE**

- (a) Attach the engine hoist chain to the engine hangers.
- (b) Lower the engine and transmission assembly into the engine compartment.



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- (c) Keep the engine level, and align the RH and LH mountings and body mountings.
- (d) Attach the RH and LH mounting insulators to the body mountings, and temporarily install the 4 bolts and nuts.
- (e) Jack up and put the transmission onto the frame.
- (f) Remove the hoist chain.
- (g) Remove the bolt and rear engine hanger.



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3. **INSTALL ENGINE REAR MOUNTING BRACKET**

Torque:

Bolt A: 18 N·m (183 kgf·cm, 13 ft·lbf)

Bolt B: 25 N·m (260 kgf·cm, 19 ft·lbf)

4. **TIGHTEN RH AND LH ENGINE MOUNTING INSULATOR BOLTS AND NUTS**

Tighten the 4 bolts and nuts holding the mounting insulators to the body mountings.

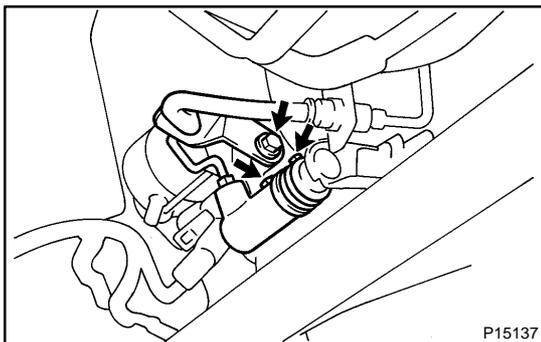
Torque: 38 N·m (387 kgf·cm, 28 ft·lbf)

5. **CONNECT STARTER WIRE**

6. **M/T:**

INSTALL CLUTCH RELEASE CYLINDER

- (a) Connect the clutch line with the bolt.
Torque: 39 N·m (400 kgf·cm, 29 ft·lbf)
- (b) Install the clutch release cylinder with the 2 bolts.
Torque: 13 N·m (130 kgf·cm, 9 ft·lbf)



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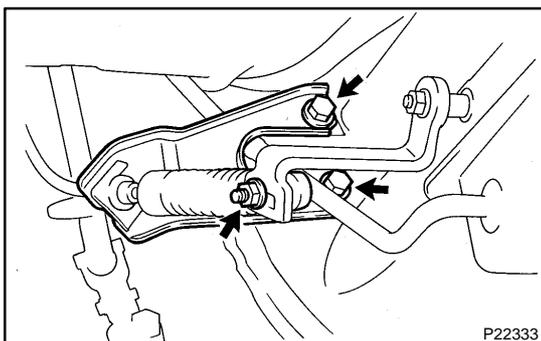
7. **A/T:**
INSTALL CROSS SHAFT

Torque:

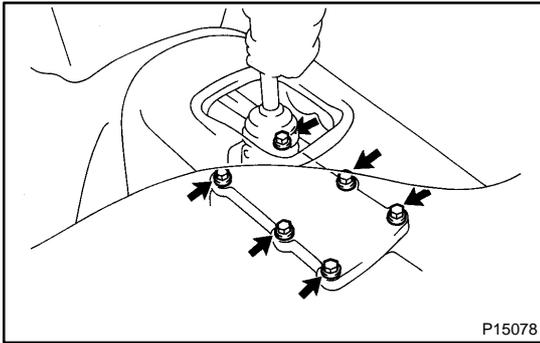
Bolt: 39 N·m (400 kgf·cm, 29 ft·lbf)

Nut: 18 N·m (183 kgf·cm, 13 ft·lbf)

8. **CONNECT SPEEDOMETER CABLE**
9. **INSTALL PROPELLER SHAFT (See page PR-8)**



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10. **M/T:**
INSTALL SHIFT LEVER ASSEMBLY
11. **INSTALL No.1 EXHAUST PIPE (WITH TWC)**
 - (a) Install a new gasket (2RZ-FE) or 2 new gaskets (3RZ-FE) and the No.1 exhaust pipe with new 3 nuts.
Torque: 62 N·m (630 kgf-cm, 46 ft-lbf)
 - (b) Install the support bracket with the 2 bolts.
Torque: 44 N·m (450 kgf-cm, 33 ft-lbf)
 - (c) Install a new gasket and connect the No.1 exhaust pipe to the No.2 exhaust pipe with the 2 bolts and 2 nuts.
Torque: 48 N·m (490 kgf-cm, 35 ft-lbf)
 - (d) Connect the A/F sensor connector.
12. **CONNECT ENGINE WIRE TO CABIN**
13. **CONNECT GENERATOR WIRE**
14. **w/ PS:**
INSTALL PS PUMP (See page EM-57)
15. **CONNECT HOSES**
 - (a) Connect the fuel return hose.
 - (b) Connect the fuel inlet hose.
 - (c) Connect the brake booster vacuum hose.
 - (d) Connect the EVAP hose.
 - (e) w/ PS:
Connect the 2 air hoses for PS idle-up.
16. **CONNECT HEATER HOSES**
17. **INSTALL A/C COMPRESSOR**
Torque: 25 N·m (250 kgf-cm, 18 ft-lbf)
18. **INSTALL INTAKE AIR CONNECTOR**
Torque: 18 N·m (185 kgf-cm, 13 ft-lbf)
19. **INSTALL AIR CLEANER ASSEMBLY**
20. **CONNECT CABLES:**
 - (a) Connect the throttle cable to the throttle body.
 - (b) w/ Cruise Control System:
Connect the cruise control cable to the actuator, and install the actuator cover.
21. **INSTALL RADIATOR (See page CO-21)**
22. **FILL WITH ENGINE OIL**
23. **FILL WITH ENGINE COOLANT**
24. **FILL TRANSMISSION OIL**
25. **START ENGINE AND CHECK FOR LEAKS**
26. **INSTALL ENGINE UNDER COVER**
27. **INSTALL HOOD**
28. **VEHICLE ROAD TEST**
Check for abnormal noise, shock, slippage, and smooth operation.
29. **RECHECK ENGINE COOLANT AND ENGINE OIL LEVELS**