

INSTALLATION

Oil Pump and Main Control Assembly

Installation

Tools Required:

- Valve Body Guide Pin T86P-70100-C
1. Install new pump and valve body-to-chain cover gasket.
 2. Slide pump and valve body assembly onto oil pump shaft.
 3. Rotate pump and valve body assembly toward dash panel and engage manual valve link with manual valve.
 4. Slightly rotate or jiggle pump and valve body assembly to engage splines on oil pump shaft with splines in oil pump rotor. Valve body should slide flush onto chain cover without force.

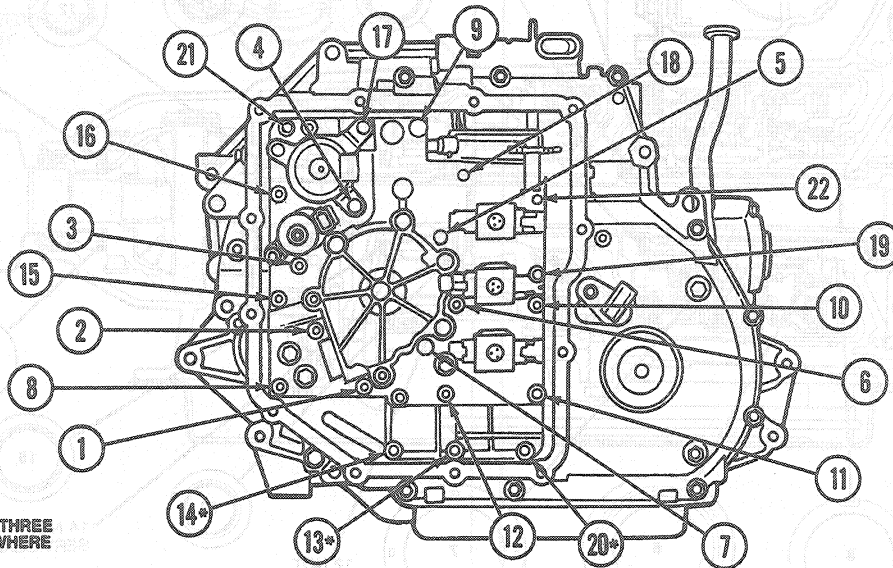
NOTE: It may be necessary to rotate engine using 7/8-inch deep well socket on crankshaft pulley to complete engagement of pump shaft to pump.

NOTE: On vehicles without anti-skid, if full engagement of the pump and valve body assembly is not obtained using the above procedure, the following alternate method may be used:

- Remove manual valve from valve body.
- Rotate assembly as necessary to allow full engagement (360 degree rotation possible).
- After full engagement, return assembly to installed position and install manual valve.

CAUTION: Do not use retaining bolts to draw pump and valve body into position or damage to components may result.

5. Use Valve Body Guide Pin T86P-70100-C to position valve body and install pump and valve body retaining bolts. Tighten bolts to 9-12 N·m (7-9 lb-ft) in sequence shown.



NOTE: INSTALL THREE SHORT BOLTS WHERE INDICATED BY*

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6. Install a new gasket.
7. Connect upper bulkhead connector wiring to valve body.
8. Carefully install side pan.
9. Loosely install two upper pan bolts.
10. Verify proper gasket position.
11. Install remaining pan bolts and tighten to 14-16 N·m (10-12 lb-ft).
12. Install LH engine mounts and supports. Refer to Transaxle Installation.
13. Tighten two LH subframe retaining bolts to specification.
14. Install inner fender cover.

15. Install LH wheel and tire assembly.
16. Remove support from engine and transaxle assembly and lower vehicle.
17. Install radiator sight shield.
18. Remove engine support equipment.
19. Install brake reservoir hose.
20. Position supply hoses, vacuum lines and wiring in position.
21. Install manual lever position sensor.
22. Install remote air cleaner.
23. Install battery tray and battery.
24. Fill transaxle with specified quantity and quality of oil.