

REMOVAL AND INSTALLATION (Continued)

22. Remove engine vibration damper and bracket assembly from RH side of engine.
23. Remove engine to damper bracket.
24. Remove retaining bolt from power steering reservoir and place reservoir out of the way.
25. Disconnect hose to power steering cooler at pump.
26. Disconnect throttle linkage.
27. Disconnect vacuum hoses.
28. Disconnect heater hoses at heater core.
29. Disconnect electrical connectors from harness 12A581 on rear of engine.
30. On 3.0L only, loosen belt tensioner pulley and remove belt from A/C compressor and generator (6 rib). On 3.2L, loosen belt tensioner pulley and remove single accessory drive belt (6 rib).
31. Loosen belt tensioner pulley and remove power steering pump belt (4 rib) on 3.0L only.
32. Remove belt tensioner pulley (lower tensioner on 3.0L only).
33. Disconnect cycling switch on top of suction accumulator / drier.
34. Disconnect A/C line at dash panel and remove accumulator and bracket assembly.
35. Remove generator assembly.
36. Disconnect A/C discharge hose.
37. Remove A/C compressor and bracket assembly.
38. Raise vehicle on hoist. Refer to Section 00-02.
39. Position drain pan beneath vehicle oil pan.
40. Drain motor oil.
41. Remove oil filter element assembly.
42. Position drain pan away from vehicle.
43. Remove wheel and tire assemblies.
44. Disconnect oil level sensor switch.
45. Disconnect RH lower ball joint, tie rod end, and stabilizer bar. Refer to Section 04-01.
46. Disconnect center support bearing bracket, and RH CV joint from transaxle.
47. Disconnect heated oxygen sensor (HO2S)(9F472).
48. Disconnect four exhaust catalyst-to-engine retaining bolts.
49. Remove starter motor assembly.
50. Remove lower transaxle to engine retaining bolts.
51. Remove engine mount to subframe retaining nuts.
52. Remove crankshaft pulley assembly.
53. Lower vehicle.
54. Remove upper transaxle to engine retaining bolts.
55. Install Engine Lifting Bracket D89L-6001-A or equivalent.
56. Position Rotunda Hi-Lift Jack 014-00210 or equivalent under transaxle.

57. Position Rotunda Adjustable Three Bar Engine Support Kit 014-00750 or equivalent.
58. Raise transaxle assembly slightly.
59. Remove engine assembly from vehicle.
60. Place engine on work stand.

Installation

1. Remove engine assembly from work stand.
2. Position engine assembly in vehicle.
3. Install upper transaxle to engine retaining bolts.
4. Remove jack and place out of the way.
5. Remove engine lifting equipment and place out of the way.
6. Remove rear engine lifting eye.
7. Raise vehicle on hoist. Refer to Section 00-02.
8. Install crankshaft pulley assembly. Tighten to 152-172 N·m (112-127 lb-ft).
9. Install engine mount to subframe nuts.
10. Install lower transaxle to engine retaining bolts. Tighten to 34-47 N·m (25-35 lb-ft).
11. Install starter motor assembly.
12. Install four exhaust catalyst to engine retaining nuts. Tighten to 27-47 N·m (20-35 lb-ft).
13. Apply anti-seize compound to the threads, then install heated oxygen sensor (HO2S). Tighten to 37-45 N·m (27-33 lb-ft).
14. Connect center support bearing bracket. Install RH CV joint.
15. Connect RH lower ball joint, tie rod and stabilizer bar. Refer to Section 04-01.
16. Connect oil level sensor.
17. Install wheel and tire assemblies. Tighten wheel lug nuts to 115-142 N·m (85-105 lb-ft).
18. Install oil filter. Ensure oil drain plug is installed, tighten to 20-33 N·m (15-24 lb-ft).
19. Lower vehicle.
20. Install A/C compressor and bracket assembly. Tighten to 36-55 N·m (27-41 lb-ft).
21. Connect A/C discharge hose.
22. Install generator assembly. Tighten to 48-72 N·m (36-53 lb-ft).
23. Install accumulator and bracket assembly.
24. Connect cycling switch to top of accumulator.
25. Install belt tensioner (lower tensioner on 3.0L only).
26. Install power steering belt (4 rib) and tighten belt tensioner pulley on 3.0L only.
27. On 3.0L, install belt on A/C compressor and generator (6 rib). Tighten tensioner pulley. On 3.2L, install single accessory drive belt and release tensioner.
28. Connect electrical connectors from harness 12A581 on rear of engine.