

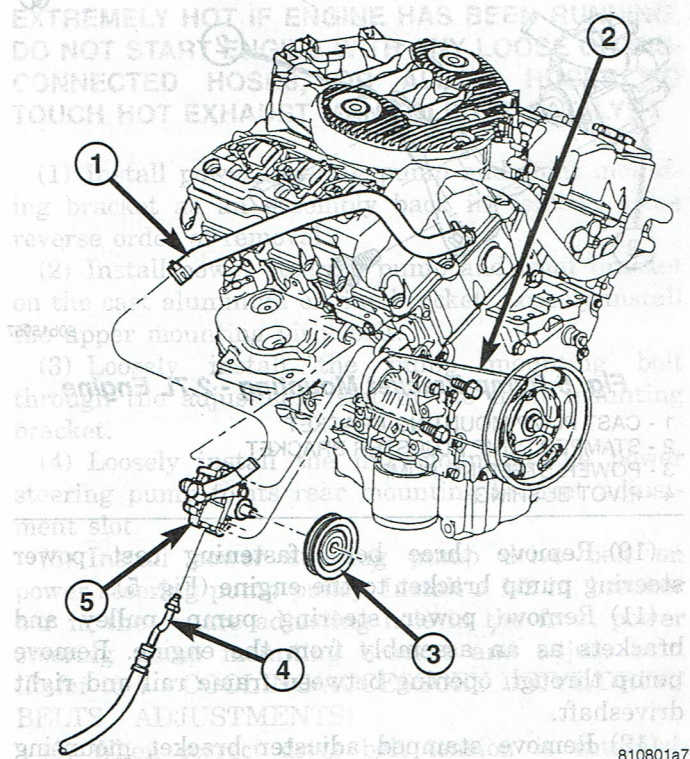
(Continued)

**EXTREMELY HOT IF ENGINE HAS BEEN RUNNING. DO NOT START ENGINE WITH ANY LOOSE OR DISCONNECTED HOSES, OR ALLOW HOSES TO TOUCH HOT EXHAUST MANIFOLD OR CATALYST.**

(1) Remove battery cable from (-) negative post on battery and isolate cable.

(2) Siphon as much power steering fluid as possible out of power steering fluid reservoir.

(3) Remove power steering fluid supply hose from power steering pump supply fitting (Fig. 4).



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**Fig. 4 Pump Mounting To Engine (2.7L)**

- 1 - SUPPLY HOSE
- 2 - DRIVE BELT
- 3 - PULLEY
- 4 - PRESSURE HOSE
- 5 - POWER STEERING PUMP

(4) Raise vehicle. (Refer to LUBRICATION & MAINTENANCE/HOISTING - STANDARD PROCEDURE)

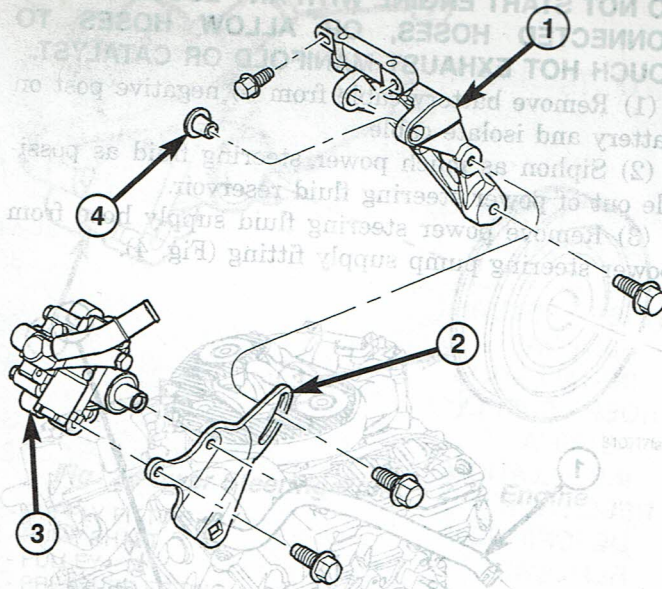
(5) Remove accessory drive splash shield.

(6) Remove power steering fluid pressure hose from fitting on power steering pump (Fig. 4).

(7) Remove oxygen sensor harness and clip from rear of pump.

(8) Completely remove bolt at slot in stamped pump adjuster bracket (Fig. 5) and remove power steering drive belt.

(9) Pivot pump out past full-adjust position. This will allow access to two pump bracket-to-engine mounting bolts.



**Fig. 5 Pump Bracket Mounting - 2.7L Engine**

- 1 - CAST PUMP MOUNTING BRACKET
- 2 - STAMPED PUMP ADJUSTER BRACKET
- 3 - POWER STEERING PUMP
- 4 - PIVOT BUSHING

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(10) Remove three bolts fastening cast power steering pump bracket to the engine (Fig. 5).

(11) Remove power steering pump, pulley and brackets as an assembly from the engine. Remove pump through opening between frame rail and right driveshaft.

(12) Remove stamped adjuster bracket mounting bolts. Remove bracket from pump.

(13) Remove two pivot bolts. Remove cast mounting bracket from pump.

(14) For removal of pulley, (Refer to 19 - STEERING/PUMP - DISASSEMBLY).

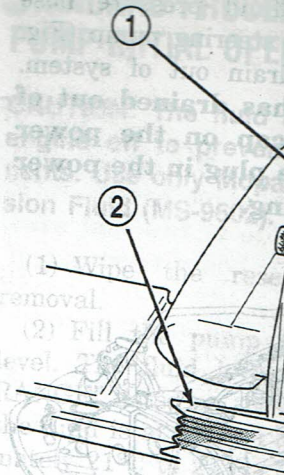
### DISASSEMBLY - PUMP (PULLEY)

(1) Remove power steering pump from engine. (Refer to 19 - STEERING/PUMP - REMOVAL)

**CAUTION: Do not hammer on power steering pump pulley or shaft to remove power steering pump pulley. This will damage the pulley and the power steering pump.**

(2) Mount Puller, Special Tool C-4333, on power steering pump pulley. Mount puller (with power steering pump) in a vise (Fig. 6). This will keep shaft of power steering pump from turning while removing pulley.

(3) Tighten puller and remove pulley from shaft of power steering pump.



**Fig. 6 Removing Pulley**

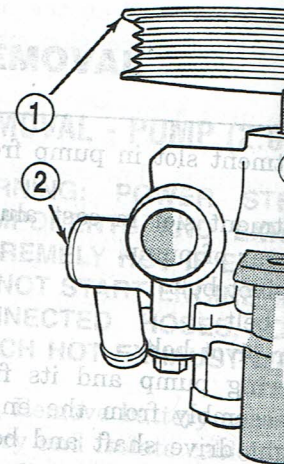
- 1 - SPECIAL TOOL C-4333
- 2 - POWER STEERING PUMP PULLEY
- 3 - VISE

**NOTE: Replace power steering pump pulley if cracked, or loose.**

### ASSEMBLY - PUMP (PULLEY)

**CAUTION: Do not hammer on pulley or shaft to install pulley. This will damage the power steering pump.**

(1) Place power steering pump pulley on end of power steering pump shaft.



**Fig. 7 Pulley Positioned on Pump (Pulley)**

- 1 - POWER STEERING PUMP PULLEY
- 2 - POWER STEERING PUMP SHAFT
- 3 - POWER STEERING PUMP PULLEY SQUARELY ON SHAFT OF POWER STEERING PUMP AS SHOWN