



**CHRYSLER**

December 2010

Dealer Service Instructions for:

## **Safety Recall K26**

### **Power Steering Pressure Hose**

---

#### **Models**

**2010 (JS) Chrysler Sebring and Dodge Avenger**

*NOTE: This recall applies only to the above vehicles built from July 28, 2010 through August 30, 2010 (MDH 072806 through 083012).*

**2010 (JC) Dodge Journey**

*NOTE: This recall applies only to the above vehicles built August 10, 2010 through August 30, 2010 (MDH 081016 through 083014).*

**2010 (LC/LX) Dodge Challenger/Chrysler 300 and Dodge Charger**

*NOTE: This recall applies only to the above vehicles equipped with an automatic transmission built from July 27, 2010 through August 26, 2010 (MDH 072715 through 082611).*

**2011 (DS) Ram 1500 Series Truck**

*NOTE: This recall applies only to the above vehicles equipped with a 3.7L, 4.7L or 5.7L engine built through August 26, 2010 (MDH 082623).*

**IMPORTANT: Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery.** Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

#### **Subject**

The power steering pressure hose on about 23,000 of the above vehicles may separate and cause a loss of power steering fluid. Power steering fluid leakage in the presence of an ignition source can result in an underhood fire.

<b>Repair</b>
---------------

The power steering pressure hose material identification number must be inspected. Pressure hoses found without the correct material identification number must be replaced.

<b>Parts Information</b>
--------------------------

<u>Part Number</u>	<u>Description</u>
CBAAK26AAA	Hose, Power Steering Pressure (2.4L JC/JS)
CBAAK26CAA	Hose, Power Steering Pressure (2.7L JC/JS)
CBAAK26DAA	Hose, Power Steering Pressure (3.5L JC/JS)
CBAAK26EAA	Hose, Power Steering Pressure (2.7L LX)
CBAAK26FAA	Hose, Power Steering Pressure (3.5L LC/LX)
CBAAK26GAA	Hose, Power Steering Pressure (3.5L AWD LX)
CBAAK26HAA	Hose, Power Steering Pressure (5.7L RWD LC/LX)
CBAAK26JAA	Hose, Power Steering Pressure (5.7L AWD LX)
CBAAK26KAA	Hose, Power Steering Pressure (3.7L DS)
CBAAK26LAA	Hose, Power Steering Pressure (4.7L DS)
CBAAK26MAA	Hose, Power Steering Pressure (5.7L DS)

<u>Part Number</u>	<u>Description</u>
04897150AB	Cleaner, Mopar Brake Parts
05166226AA	Fluid, Power Steering
56001144	Strap, Double Tie

**SPECIAL NOTE:** One double tie strap must be ordered (for each repair) when replacing the power steering pressure hose on (DS) Ram Truck models (all engine sizes). All other vehicles involved in this recall do not require a double tie strap.

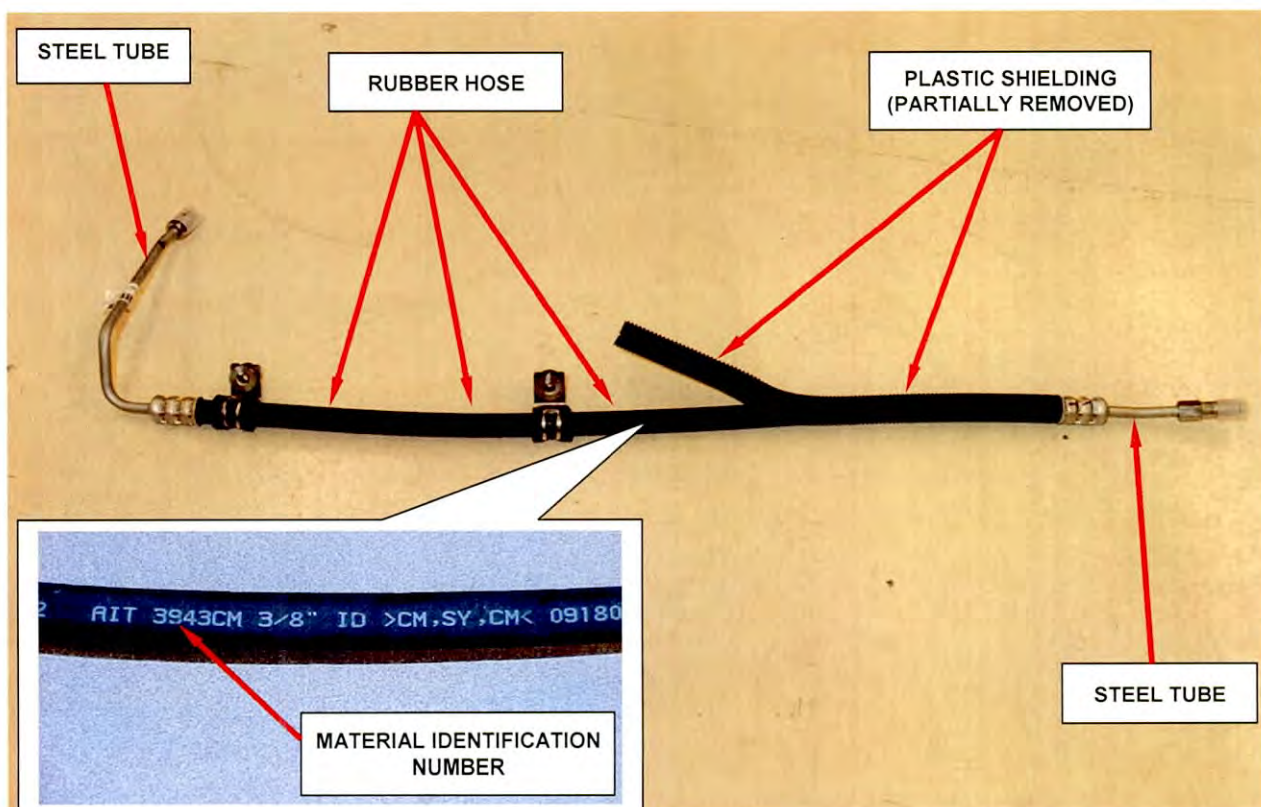
<b>Special Tools</b>
----------------------

**The following special tools are required to perform this repair:**

- |            |   |
|------------|---|
| ➤ 9688     | Adapter, Power Steering Fluid Reservoir Cap |
| ➤ C-4207-A | Pump, Vacuum                                |

**Service Procedure****A. Power Steering Pressure Hose Inspection (All Models)**

1. Raise vehicle on hoist if required.
2. Partially remove the plastic shielding (if required) on the rubber portion of the power steering pressure hose to gain access to the material specification number.
3. Read the material specification number that is ink stamped on the entire length of the rubber portion of the power steering pressure hose (Figure 1):
  - If the material identification number **is 3398 or 3943CM**, the hose **does not** require replacement. Install the plastic shielding (if removed) and return the vehicle to the customer.
  - If the material identification number **is 3398CM, a number not listed above, or the number is not readable, replace** the power steering pressure hose. Continue with the appropriate section in this service procedure for power steering pressure hose replacement instructions.



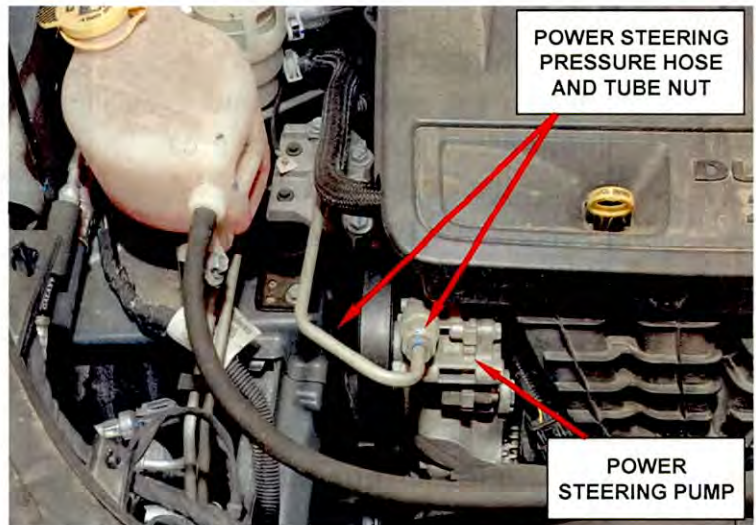
**Figure 1 – Typical Power Steering Pressure Hose Configuration**



**Service Procedure (Continued)****B. Replace Power Steering Pressure Hose (JC/JS models 2.4L Engine)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

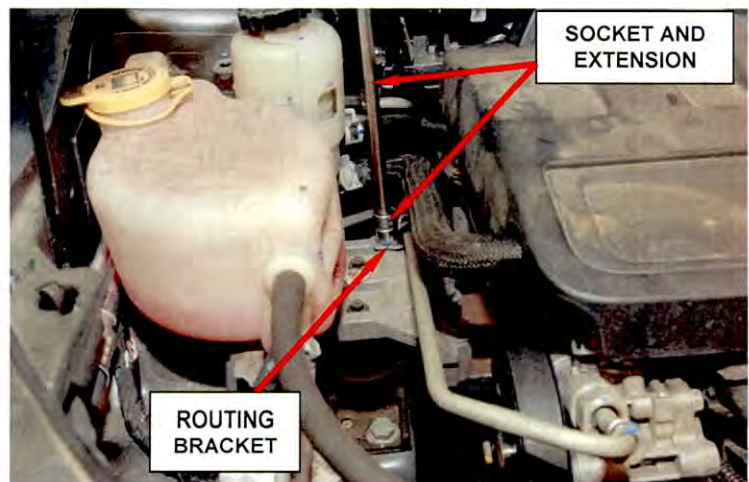
1. Open the hood and remove the power steering reservoir cap.
2. Using a suction gun, siphon as much fluid as possible from the power steering fluid reservoir.
3. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut screws into the power steering pump.



**Figure 2 – Remove Power Steering Pressure Hose at Pump**

**CAUTION:** Failure to clean the area around the power steering pump tube nut at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

4. Remove the power steering pressure hose at the pump pressure port (Figure 2).
5. Remove the power steering pressure hose routing bracket bolt at the upper engine mount (Figure 3).
6. Lift the vehicle on an appropriate hoist.
7. Clean any dirt from the return hose at the return tube.
8. Remove the return hose at the return tube and allow any fluid in the hose to drain. If equipped with a screw-clamp, be sure to save the original clamp for reinstallation.



**Figure 3 – Hose Routing Bracket**



**Service Procedure (Continued)**

8. Remove the routing clamp screw securing the power steering pressure hose to the right side of the crossmember.
9. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear (Figure 4).

**CAUTION: Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.**

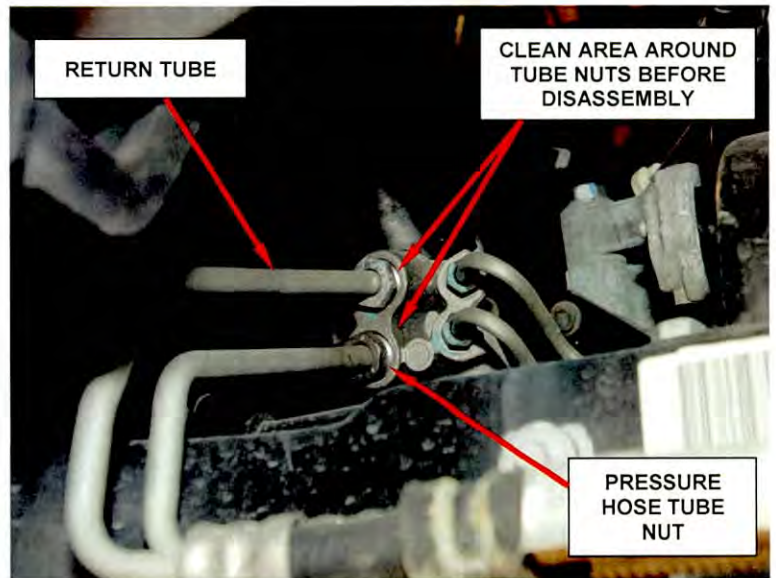


Figure 4 – Tube Nut at Steering Gear

10. Unscrew the tube nut and then remove the power steering pressure hose at the steering gear (Figure 4).
11. Remove the bolts securing the power steering pressure hose routing clamps to the rear of the crossmember (Figure 5).
12. Remove the power steering pressure hose from the vehicle.
13. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.
14. Install the new power steering pressure hose tube at the gear. Tighten the tube nut 24 ft. lbs. (32 N·m).

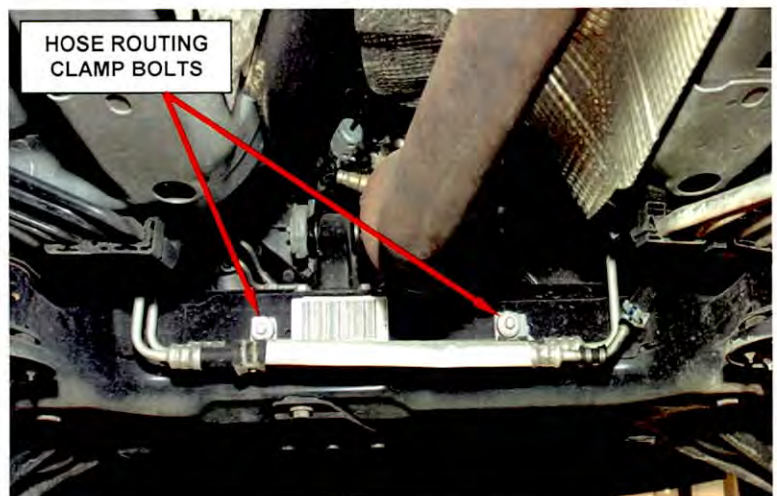


Figure 5 – Hose Routing Clamp Bolts

**Service Procedure (Continued)**

15. Position the power steering pressure hose routing clamps on the rear of the crossmember. Install and tighten the bolts to 71 in. lbs. (8 N·m).
16. Position the power steering pressure hose routing clamp at the right side of the crossmember. Install and tighten the routing clamp screw to 71 in. lbs. (8 N·m).
17. Install the return hose at the return tube and install the clamp. If a screw-clamp is used, tighten it to 20 in. lbs. (2.5 N·m).
18. Use Mopar Brake Clean (or equivalent) and compressed air, clean off any residual power steering fluid that may have spilled onto the front suspension crossmember.
19. Lower the vehicle.
20. Install the power steering pressure hose at the pump pressure port. Tighten the tube nut to 24 ft. lbs. (32 N·m).
21. Install the power steering pressure hose routing bracket bolt to the engine mount. Tighten the bolt to 18 ft. lbs. (24 N·m).
22. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

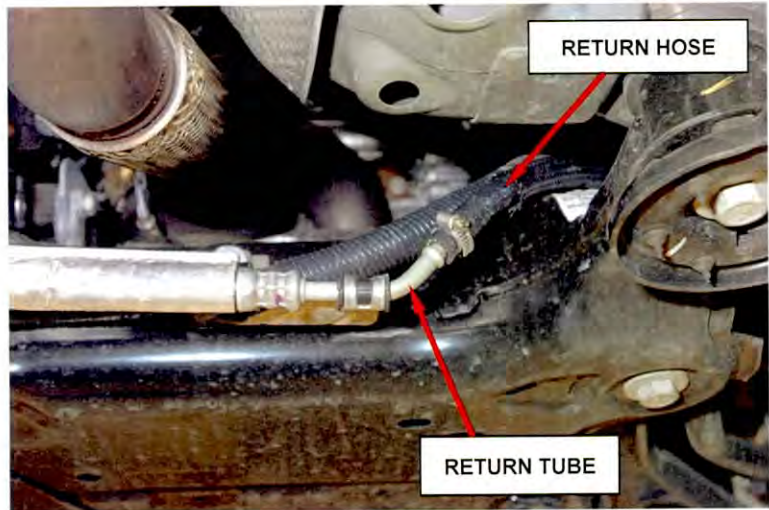
**CAUTION: If the air is not purged from the power steering system correctly, power steering pump failure could result.**



**Service Procedure (Continued)****C. Replace Power Steering Pressure Hose (JC/JS models w/2.7L Engine)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

1. Open the hood and remove the power steering reservoir cap.
2. Using a suction gun, siphon as much fluid as possible from the power steering fluid reservoir.
3. Raise the vehicle on a hoist.
4. Clean any dirt from the return hose at the return tube.
5. Remove the return hose at the return tube and allow any fluid in the hose to drain into a catch pan (Figure 6).



**Figure 6 – Disconnect Return Hose**

**NOTE:** If the vehicle is equipped with a screw-clamp, be sure to save the original clamp.

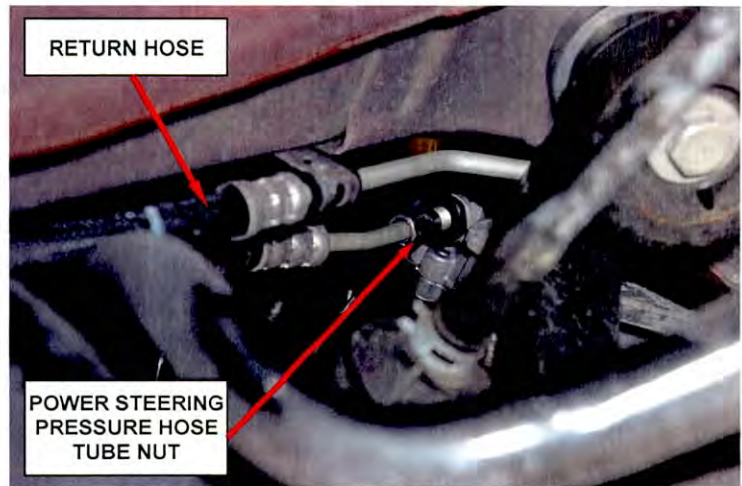
6. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut screws into the power steering pump.

**CAUTION:** Failure to clean the area around the power steering pump tube nut at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.



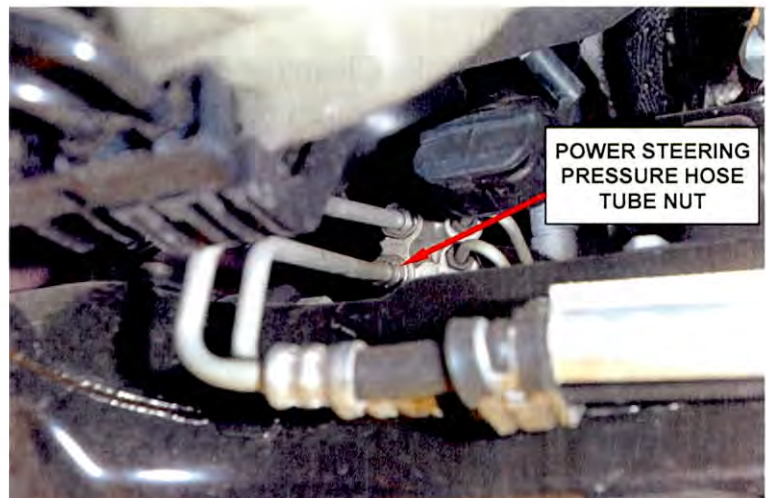
**Service Procedure (Continued)**

7. Unscrew the tube nut at the power steering pump and then remove the power steering pressure hose from the power steering pump.
8. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear.

**Figure 7 – Disconnect Hose at Pump**

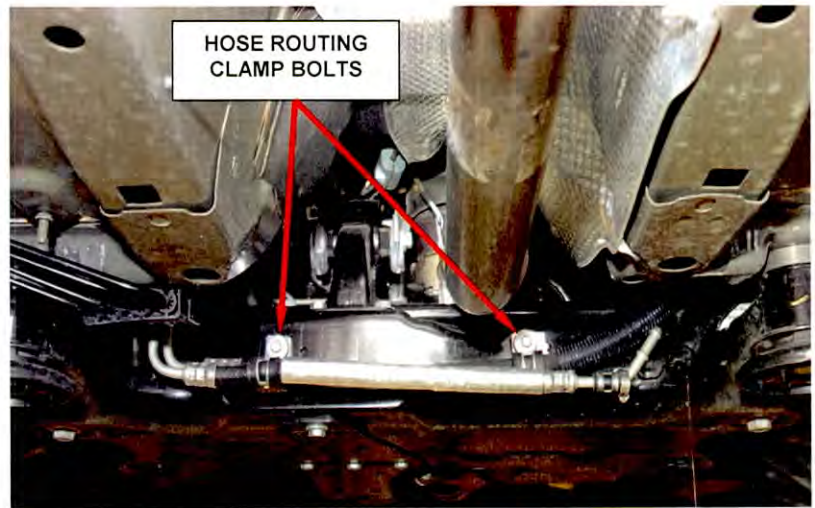
**CAUTION:** Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

9. Unscrew the tube nut at the steering gear and then remove the return hose from the steering gear.
10. Unscrew the tube nut at the steering gear and then remove the power steering pressure hose from the steering gear (Figure 8).
11. Remove the screws securing the power steering pressure hose routing clamps to the rear of the front suspension crossmember.
12. Remove and discard the power steering pressure hose from the vehicle.
13. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.

**Figure 8 – Tube Nut at Steering Gear**

**Service Procedure (Continued)**

14. Place the new power steering pressure hose into position and install the bolts for the hose routing clamps, hand tighten.
15. Install the power steering pressure hose tube at the steering gear. Tighten the tube to nut to 24 ft. lbs. (32 N·m).
16. Install the original return hose tube at the steering gear. Tighten the tube nut to 24 ft. lbs. (32 N·m).
17. Install the power steering pressure hose at the power steering pump pressure port. Tighten the tube nut to 24 ft. lbs. (32 N·m).
18. Install the return hose at the return tube. Place the spring clamp into position. If a screw clamp is used, tighten it to 20 in. lbs. (2.5 N·m).
19. Tighten the two power steering pressure hose routing clamp bolts at the rear of the crossmember to 71 in. lbs. (8 N·m) (Figure 9).
20. Use Mopar Brake Clean (or equivalent) and compressed air, clean off any residual power steering fluid that may have spilled onto the front suspension crossmember.
21. Lower the vehicle from the hoist.
22. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

**Figure 9 – Hose Routing Clamps**

**CAUTION:** If the air is not purged from the power steering system correctly, power steering pump failure could result.



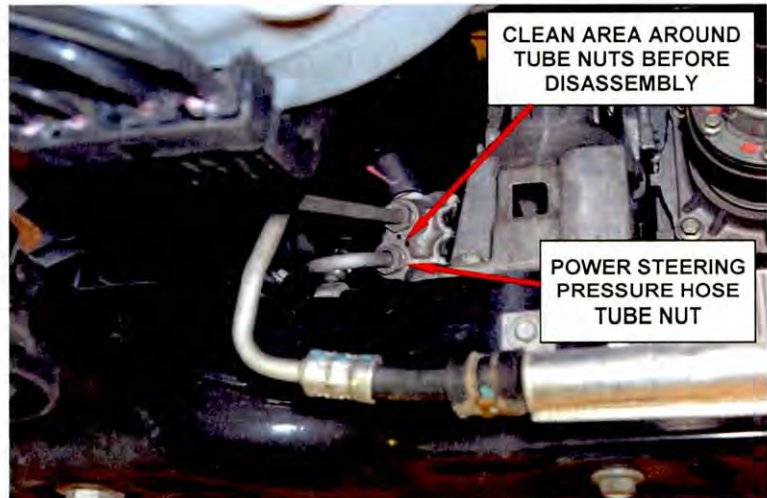
**Service Procedure (Continued)****D. Replace Power Steering Pressure Hose (JC/JS models w/3.5L Engine)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

1. Open the hood and remove the power steering reservoir cap.
2. Using a suction gun, siphon as much fluid as possible from the power steering fluid reservoir.
3. Raise the vehicle on a hoist.
4. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear (Figure 10).

**CAUTION:** Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

5. Unscrew the tube nut at the steering gear and then remove the power steering pressure hose from the steering gear (Figure 10).
6. Remove and save the hose routing clamp on the left side of the suspension crossmember.



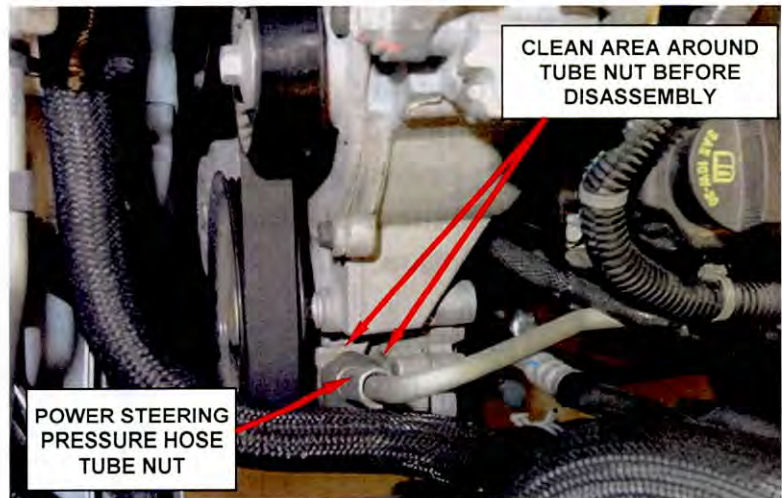
**Figure 10 – Disconnect Hose at Steering Gear**



**Service Procedure (Continued)**

7. Lower the vehicle from the hoist.
8. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut screws into the power steering pump (Figure 11).

**CAUTION:** Failure to clean the area around the power steering pump tube nut at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.



**Figure 11 – Tube Nut at Pump**

9. Unscrew the tube nut at the power steering pump and then remove the power steering pressure hose from the power steering pump (Figure 11).
10. Remove and save the power steering pressure hose routing clamp bolt at the cylinder head.
11. Remove and discard the power steering pressure hose from the vehicle.
12. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.
13. Install the power steering pressure hose into the engine compartment from above between the engine and the upper radiator hose.
14. Install the power steering pressure hose at the power steering pump pressure port. Tighten the tube nut to 24 ft. lbs. (32 N·m).
15. Position the power steering pressure hose routing clamp to the side of the front cylinder head. Install and tighten the routing clamp bolt to 16 ft. lbs. (22 N·m).

<b>Service Procedure (Continued)</b>
--------------------------------------

16. Raise the vehicle on the hoist.
17. Install the power steering pressure hose tube at the steering gear. Tighten the tube to nut to 24 ft. lbs. (32 N·m).
18. Position the power steering pressure hose routing clamp to the left side of the front suspension crossmember. Install and tighten the routing clamp screw to 10 ft. lbs. (14 N·m).
19. Use Mopar Brake Clean (or equivalent) and compressed air, clean off any residual power steering fluid that may have spilled onto the front suspension crossmember.
20. Lower the vehicle from the hoist.
21. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

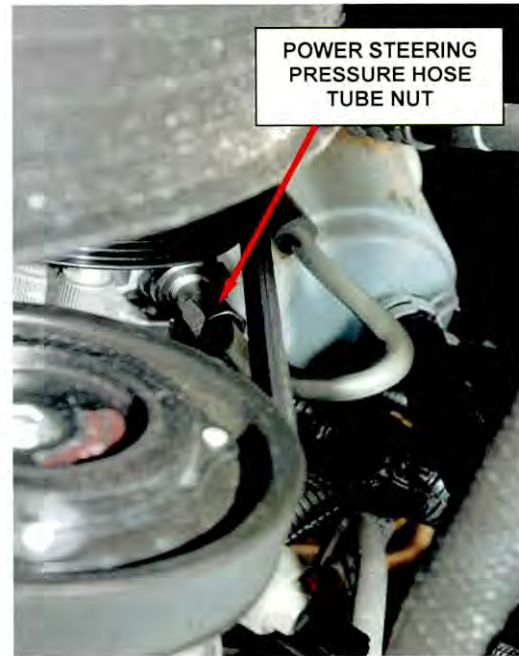
**CAUTION: If the air is not purged from the power steering system correctly, power steering pump failure could result.**



**Service Procedure (Continued)****E. Replace Power Steering Pressure Hose (DS models / All Engines)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

1. Open the hood and remove the power steering reservoir cap.
2. Using a suction gun, siphon the power steering fluid from the power steering pump reservoir.
3. Raise the vehicle on an appropriate hoist.
4. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut screws into the power steering pump.



**Figure 12 – Viewed from Under Vehicle**

**CAUTION:** Failure to clean the area around the power steering pump tube nut at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

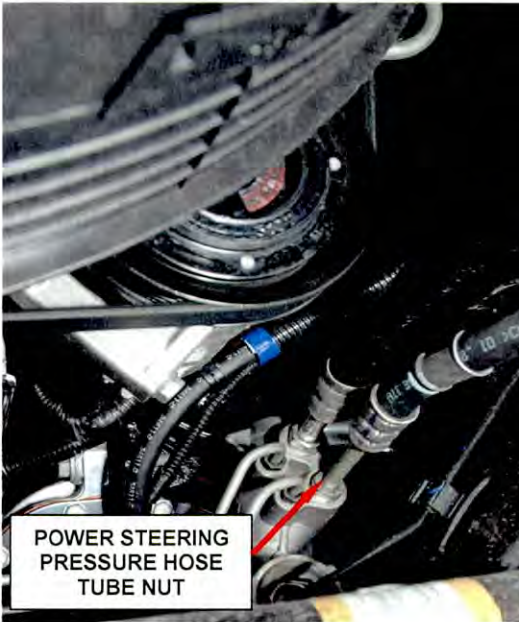
5. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear.

**CAUTION:** Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

6. Disconnect the power steering pressure hose at the power steering pump (Figure 12).



**Service Procedure (Continued)**

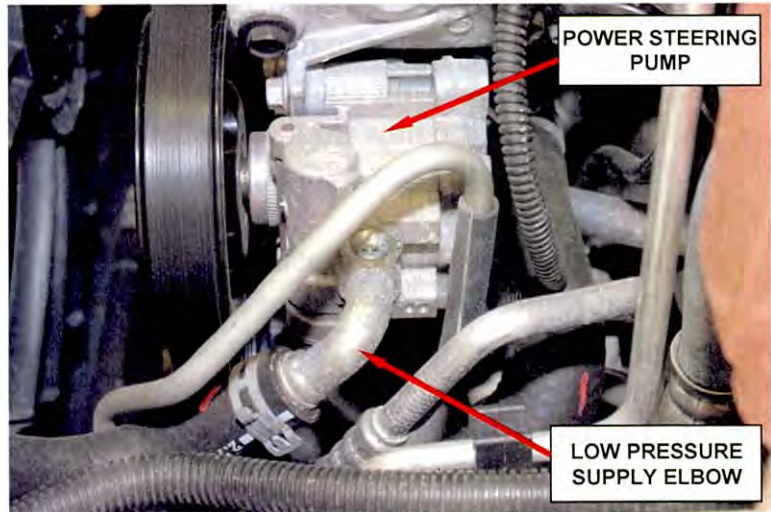
7. Disconnect the power steering pressure hose at the steering gear (Figure 13).
  8. Using a paint pen or chalk, mark the location of the plastic double tie strap on the power steering cooler hose. This will ensure that the new double tie strap is installed in the same location.
  9. Cut and discard the plastic double tie strap that routes the power steering pressure hose past the power steering cooler hoses.
  10. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.
- 
- POWER STEERING PRESSURE HOSE TUBE NUT**
11. Place the new power steering pressure hose into position on the vehicle.
  12. Connect the power steering pressure hose to the steering gear. Tighten the tube nut to 23 ft. lbs. (32 N·m).
  13. Connect the power steering pressure hose to the power steering pump. Tighten the tube nut to 23 ft. lbs. (32 N·m).
  14. Using Mopar Brake Cleaner or equivalent, clean any spilled power steering fluid from the engine crossmember, skid plate and frame rail.
  15. Align the new double plastic tie strap to the reference mark made in Step 8. Secure the double tie strap to the power steering pressure hose and the power steering cooler hose.
  16. Verify that the power steering pressure hose is not in contact with the frame rail. Adjust the tie strap location as required.
  17. Lower the vehicle from the hoist.
  18. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

**CAUTION:** If the air is not purged from the power steering system correctly, power steering pump failure could result.

**Service Procedure (Continued)****F. Replace Power Steering Pressure Hose (LX models w/2.7L or LC/LX w/3.5L Engine)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

1. Open the hood and remove the power steering reservoir cap.
2. Using a suction gun, siphon the power steering fluid from the power steering pump reservoir.



**Figure 14 – Low Pressure Supply Elbow**

3. Remove the air cleaner housing and inlet tube to the throttle body.
4. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut and low pressure supply elbow screws into the power steering pump

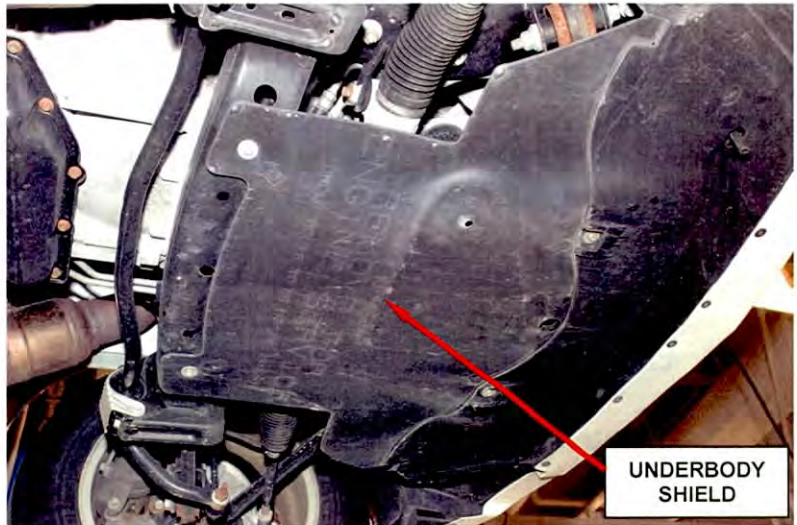
**CAUTION:** Failure to clean the area around the power steering pump tube nut and low pressure supply elbow at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

5. Remove the low pressure supply elbow from the power steering pump to gain access to the power steering pressure hose tube nut (Figure 14).
6. Unthread the tube nut and remove the power steering pressure hose from the power steering pump.
7. Raise the vehicle on an appropriate hoist.



**Service Procedure (Continued)**

8. Remove the plastic underbody shield to gain access to the power steering pressure hose. (Figure 15).
9. Remove the screw securing the power steering pressure hose routing clamp to the front of the engine cradle (Figure 16).
10. Remove the screw fastening routing clamps securing the power steering pressure and return hoses to the right side of the engine cradle.

**Figure 15 – Remove Underbody Shield**

11. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear.

**CAUTION:** Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

12. Unthread the power steering pressure hose tube nut from the steering gear.
13. Lower the vehicle from the hoist.
14. Remove and discard the power steering pressure hose from the vehicle.
15. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.

**Figure 16 – Viewed from Engine Compartment**



**Service Procedure (Continued)**

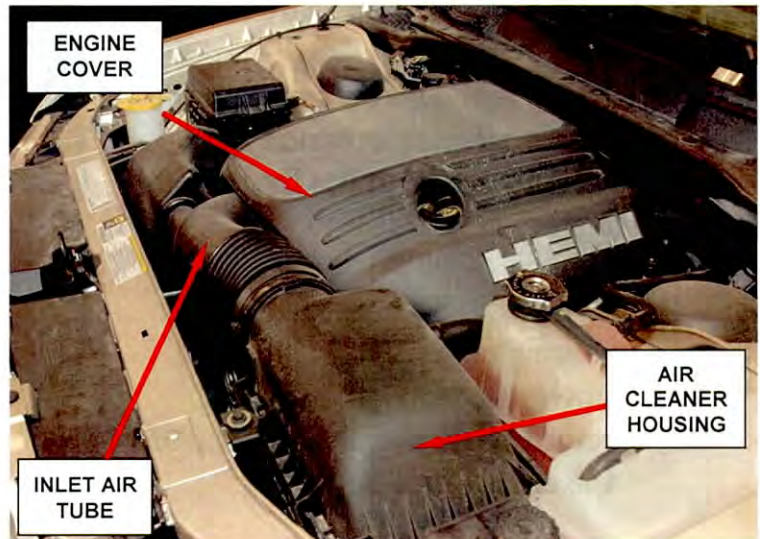
16. Install the new power steering pressure hose in the engine compartment.
17. Raise the vehicle on the hoist.
18. Install the power steering pressure hose to the steering gear port. **Do not tighten the tube nut at this time.**
19. Route the power steering pressure hose the along right side of the engine cradle. Position the power steering pressure hose routing clamp over return hose routing clamp, then install the screw securing hoses to right side of the engine cradle.
20. Tighten the power steering pressure hose tube nut at steering gear to 35 ft. lbs. (47 N·m).
21. Lower the vehicle from the hoist.
22. Install the power steering pressure hose to the power steering pump. Tighten the power steering pressure hose tube nut to 35 ft. lbs. (47 N·m).
23. Route the power steering pressure hose along front of the engine cradle. Install the retaining screw through the routing clamp, securing the hose to the front of the engine cradle (Figure 16).
24. Install the low pressure supply line elbow onto the power steering pump.
25. Using Mopar Brake Cleaner or equivalent, clean off any spilled power steering fluid from the power steering pump.
26. Raise the vehicle on the hoist.
27. Using Mopar Brake Cleaner or equivalent, clean any spilled power steering fluid from the engine cradle and crossover.
28. Clean and install the plastic underbody shield (Figure 15).
29. Lower the vehicle from the hoist.
30. Install air cleaner housing and inlet tube.
31. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

**CAUTION: If the air is not purged from the power steering system correctly, power steering pump failure could result.**

**Service Procedure (Continued)****G. Replace Power Steering Pressure Hose (LX All Wheel Drive models w/3.5L or 5.7L Engine)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

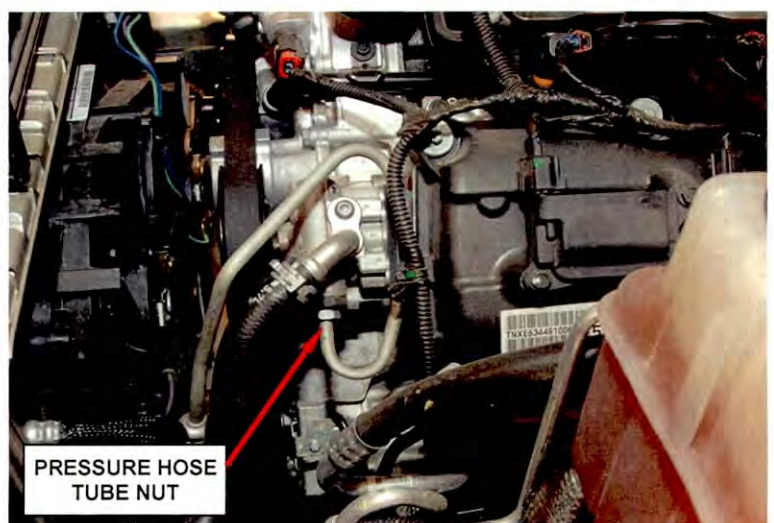
1. Open the hood and remove the power steering reservoir.
2. Using a suction gun, siphon the power steering fluid from the power steering pump reservoir.
3. **On Hemi engine only**, remove the engine cover (Figure 17).
4. Remove the air cleaner housing and inlet tube to the throttle body (Figure 17).
5. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut and low pressure supply elbow screws into the power steering pump



**Figure 17 – Engine Cover and Air Cleaner**

**CAUTION:** Failure to clean the area around the power steering pump tube nut and low pressure supply elbow at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

6. Unthread the tube nut at the power steering pump and disconnect the power steering pressure hose (Figure 18).

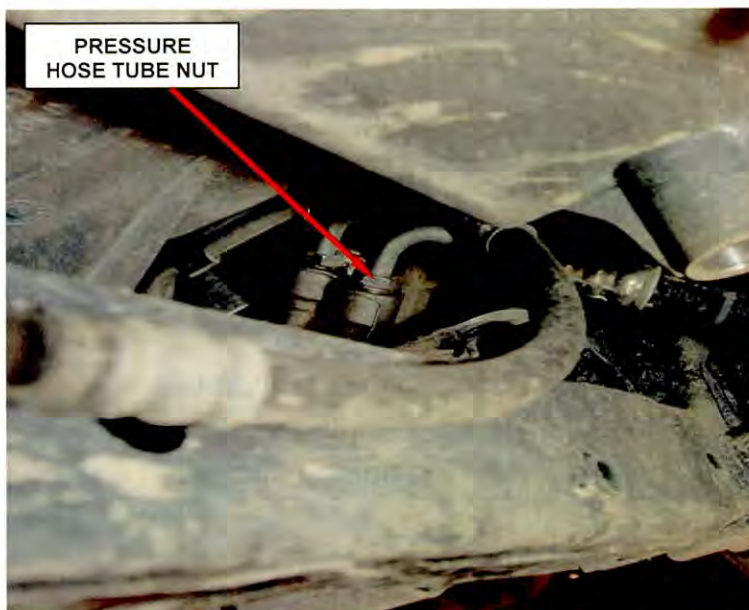


**Figure 18 – 5.7 Hemi Engine Shown**



**Service Procedure (Continued)**

7. Raise the vehicle on an appropriate hoist.
  8. Remove the plastic underbody shield to gain access to the power steering pressure hose.
  9. Remove the screw securing the power steering pressure hose routing clamp to the front of the engine cradle.
  10. Remove the screw fastening routing clamps securing the power steering pressure and return hoses to the right side of the engine cradle.
  11. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear.
- CAUTION: Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.**
12. Unthread the power steering pressure hose tube nut from the steering gear (Figure 19).
  13. Remove and discard the power steering pressure hose from the vehicle.
  14. Install the new power steering pressure hose into position.
  15. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.

**Figure 19 – Pressure Hose Tube nut**



**Service Procedure (Continued)**

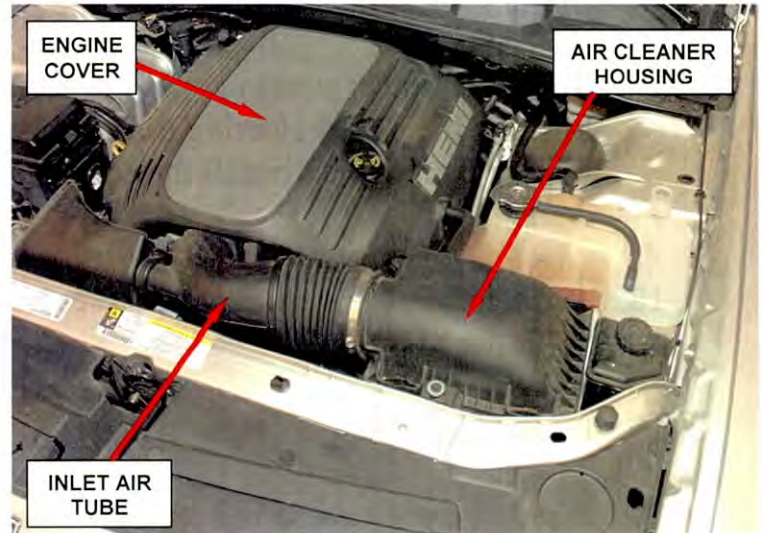
16. Install the new power steering pressure hose to the steering gear port. **Do not tighten the tube nut at this time.**
17. Route the power steering pressure hose along right side of the engine cradle. Position the power steering pressure hose routing clamp over return hose routing clamp, then install the screw securing hoses to right side of the engine cradle.
18. Tighten the power steering pressure hose tube nut at steering gear to 35 ft. lbs. (47 N·m).
19. Lower the vehicle from the hoist.
20. Install the power steering pressure hose to the power steering pump. Tighten power steering pressure hose tube nut to 35 ft. lbs. (47 N·m).
21. Using Mopar Brake Cleaner or equivalent, clean off any spilled power steering fluid from the power steering pump.
22. Raise the vehicle on the hoist.
23. Using Mopar Brake Cleaner or equivalent, clean any spilled power steering fluid from the engine cradle and crossover.
24. Clean and install the plastic underbody shield.
25. Lower the vehicle from the hoist.
26. Install air cleaner housing and inlet tube (Figure 17).
27. **On Hemi engine only**, install the engine cover.
28. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

**CAUTION: If the air is not purged from the power steering system correctly, power steering pump failure could result.**

**Service Procedure (Continued)****H. Replace Power Steering Pressure Hose (LC/LX models w/5.7L/6.1L Engine / Rear Wheel Drive)**

**NOTE:** The following procedure is required if the power steering pressure hose required replacement per the inspection in Section “A.”

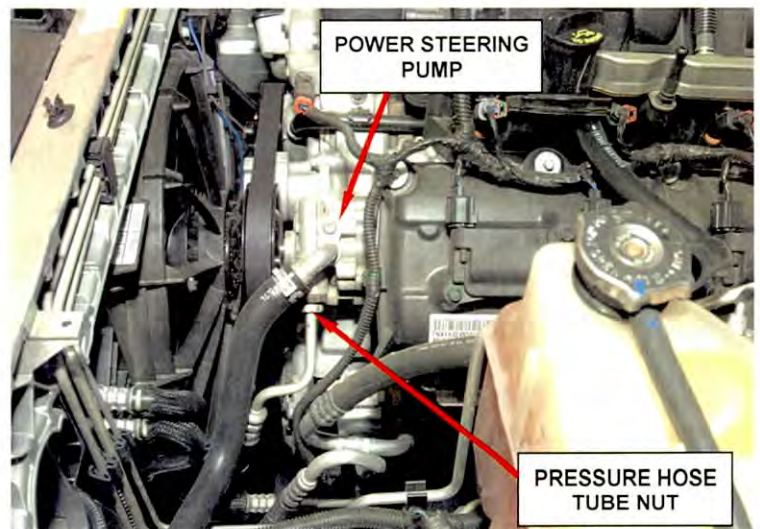
1. Open the hood and remove the power steering reservoir cap.
2. Using a suction gun, siphon the power steering fluid from the power steering pump reservoir.
3. Remove the engine cover, air cleaner housing and inlet air tube (Figure 20).
4. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area around the power steering pump where the tube nut and low pressure supply elbow screws into the power steering pump



**Figure 20 – Air Cleaner Housing and Inlet Tube**

**CAUTION:** Failure to clean the area around the power steering pump tube nut and low pressure supply elbow at the power steering pump could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

5. Unthread the tube nut at the power steering pump and disconnect the power steering pressure hose (Figure 21).
6. Raise the vehicle on an appropriate hoist.
7. Remove the plastic underbody shield to gain access to the power steering pressure hose.

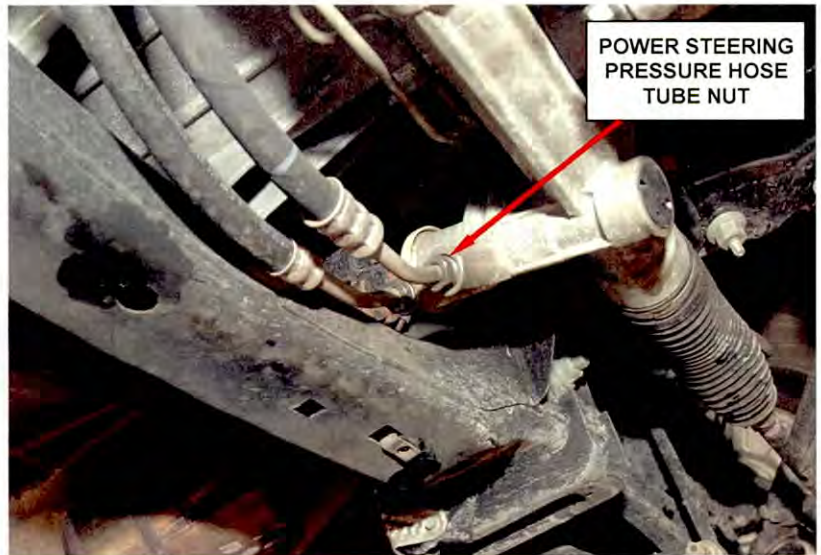


**Figure 21 – Pressure Hose Tube Nut**



**Service Procedure (Continued)**

8. Remove the screw securing the pressure hose routing clamp to the front of the engine cradle.
9. Remove the screw fastening routing clamps securing the power steering pressure and return hoses to the right side of the engine cradle.
10. Using Mopar Brake Parts Cleaner (or equivalent) and compressed air, clean the area where the power steering pressure and return hose tube nuts screw into the steering gear.



**Figure 22 – Tube Nut at Steering Gear**

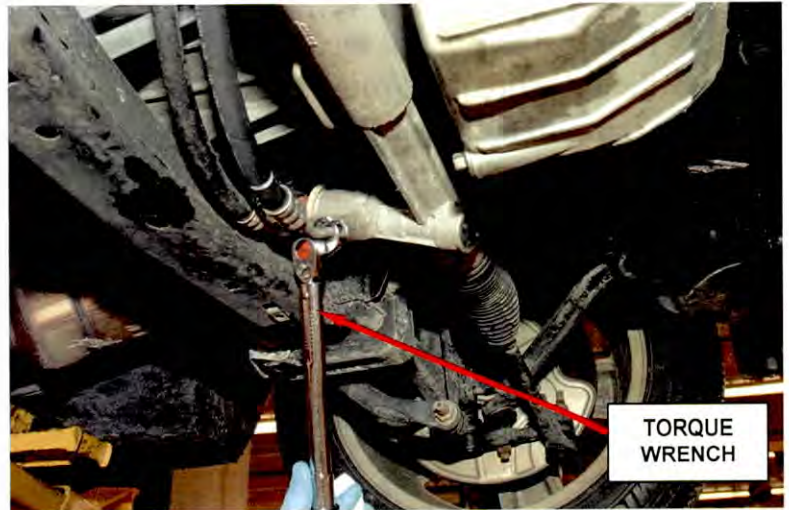
**CAUTION:** Failure to clean the area around the power steering hose tube nuts at the steering gear before disassembly could allow dirt to enter the power steering hydraulic system during power steering pressure hose replacement.

11. Unthread the power steering pressure hose tube nut from the steering gear (Figure 22).
12. Lower the vehicle from the hoist.
13. Remove and discard the power steering pressure hose from the vehicle.
14. Lubricate the rubber O-rings on each end of the new power steering pressure hose with clean power steering fluid.
15. Install the new power steering pressure hose in the engine compartment.
16. Raise the vehicle on the hoist.
17. Install the power steering pressure hose to the steering gear port. **Do not tighten the tube nut at this time.**

**Service Procedure (Continued)**

18. Route the power steering pressure hose along right side of the engine cradle. Position pressure hose routing clamp over return hose routing clamp, then install the screw securing hoses to right side of the engine cradle.

19. Tighten the power steering pressure hose tube nut at steering gear to 35 ft. lbs. (47 N·m) (Figure 23).



**Figure 23 – Tighten Pressure Hose Tube Nut**

20. Lower the vehicle from the hoist.
21. Install the pressure hose to the power steering pump. Tighten the power steering pressure hose tube nut to 35 ft. lbs. (47 N·m).
22. Route the power steering pressure hose along the front of the engine cradle. Install the retaining screw through the routing clamp, securing the hose to the front of the engine cradle.
23. Using Mopar Brake Cleaner or equivalent, clean off any spilled power steering fluid from the power steering pump.
24. Raise the vehicle on the hoist.
25. Using Mopar Brake Cleaner or equivalent, clean any spilled power steering fluid from the engine cradle and crossover.
26. Clean and install the plastic underbody shield.
27. Lower the vehicle from the hoist.
28. Install air cleaner housing, inlet air tube and engine cover (Figure 20).
29. Continue with Section I. Fill and Bleed the Power Steering Hydraulic System.

**CAUTION: If the air is not purged from the power steering system correctly, power steering pump failure could result.**



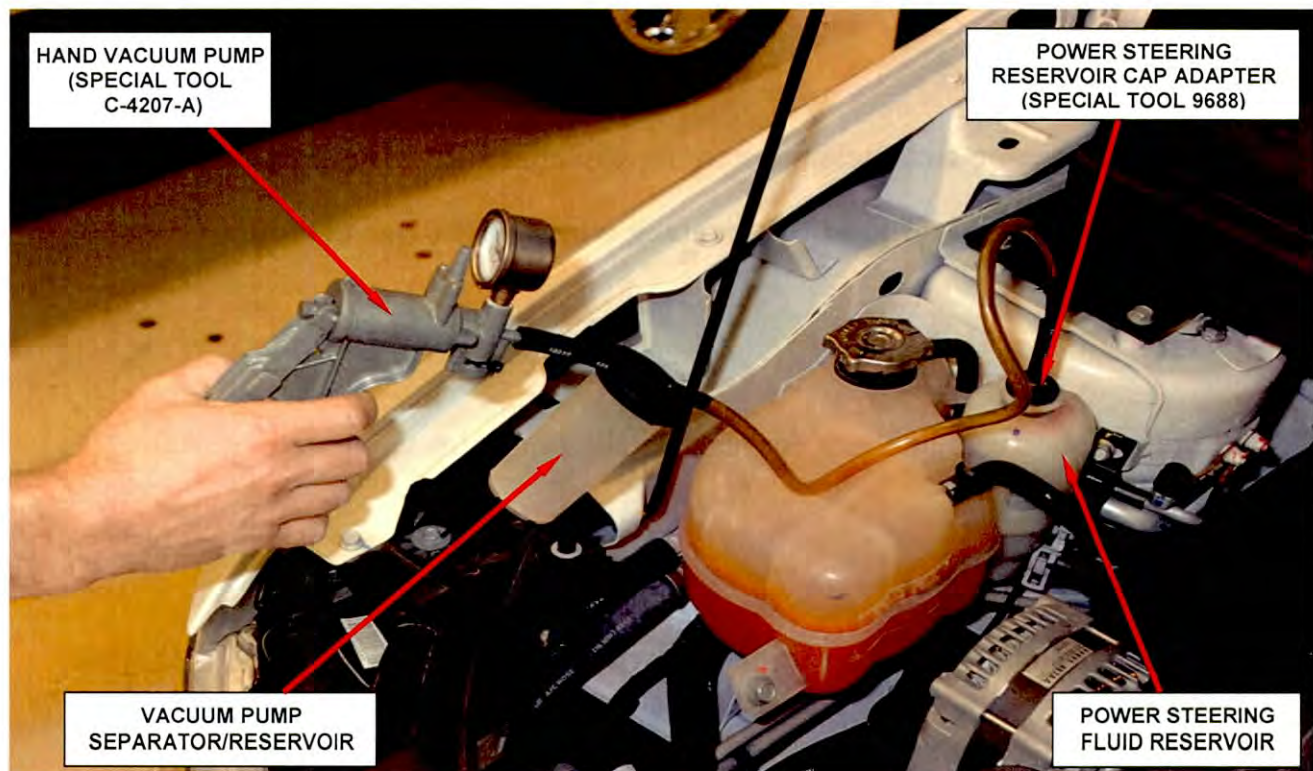
**Service Procedure (Continued)****I. Fill and Bleed the Power Steering Hydraulic System (All Models)**

1. Check the power steering fluid level. As measured on the side of the power steering reservoir, the level should indicate between MAX and MIN when the fluid is at normal ambient temperature. Adjust the fluid level as necessary.

**WARNING:** The power steering fluid level should be checked with engine off to prevent injury from moving components.

**CAUTION:** Only Mopar® Power Steering Fluid + 4 or Mopar® ATF+4 Automatic Transmission Fluid is to be used in the power steering system. Damage may result to the power steering pump and system if another type of fluid is used. Do not overfill the system.

2. Tightly insert the Power Steering Fluid Reservoir Cap Adapter, Special Tool 9688, into the mouth of the power steering reservoir (Figure 24).
3. Attach a hand Vacuum Pump (Special Tool C-4207-A or equivalent) with separator/reservoir attached, to the Power Steering Fluid Reservoir Cap Adapter (Special Tool 9688) (Figure 24).



**Figure 24 – Removing Air from Power Steering System**

<b>Service Procedure (Continued)</b>
--------------------------------------

4. Using the hand vacuum pump, apply 20 – 25 in. Hg. (68-85 kPa) of vacuum to the system for a minimum of three minutes.

5. Slowly release the vacuum and remove the special tools.

6. Adjust the power steering fluid level as necessary.

7. Repeat Step #1 through Step #6 until the fluid no longer drops when vacuum is applied.

8. Start the engine and cycle the steering wheel lock-to-lock three times.

**CAUTION: Do not hold the steering wheel at the travel stops.**

9. Stop the engine and check for leaks at all connections.

10. Check for any signs of air in the reservoir and check the fluid level. If air is present, repeat the procedure as necessary.

**CAUTION: Do not overfill the system.**



<b>Completion Reporting and Reimbursement</b>
---

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims submitted will be used by Chrysler to record recall service completions and provide dealer payments.

Use the following labor operation numbers and time allowances:

	<b><u>Labor Operation Number</u></b>	<b><u>Time Allowance</u></b>
Inspect material identification number on power steering pressure hose	19-K2-61-81	0.2 hours
<b><u>Related Operation</u></b>		
Replace power steering pressure hose (JC/JS with 2.4L engine)	19-K2-61-50	0.8 hours
Replace power steering pressure hose (JS/JC with 2.7L engine)	19-K2-61-51	0.8 hours
Replace power steering pressure hose (JS/JC with 3.5L engine)	19-K2-61-52	0.8 hours
Replace power steering pressure hose (DS with 3.7/4.7L or 5.7L engine)	19-K2-61-53	0.8 hours
Replace power steering pressure hose (LX with 2.7L engine and Rear Wheel Drive)	19-K2-61-54	1.0 hours
Replace power steering pressure hose (LC/LX with 3.5L engine and Rear Wheel Drive)	19-K2-61-55	1.0 hours
Replace power steering pressure hose (LX with 3.5L or 5.7L engine and All-Wheel Drive)	19-K2-61-56	1.0 hours
Replace power steering pressure hose (LC/LX with 5.7L/6.1L engine and Rear Wheel Drive)	19-K2-61-57	0.8 hours

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.

**Dealer Notification**

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

**Owner Notification and Service Scheduling**

All involved vehicle owners known to Chrysler are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

**Vehicle Lists, Global Recall System, VIP and Dealer Follow Up**

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner’s name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer’s VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

**Dealers must perform this repair on all unsold vehicles before retail delivery.** Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

*Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.*



**Additional Information**

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services Field Operations  
Chrysler Group LLC