

Instructions

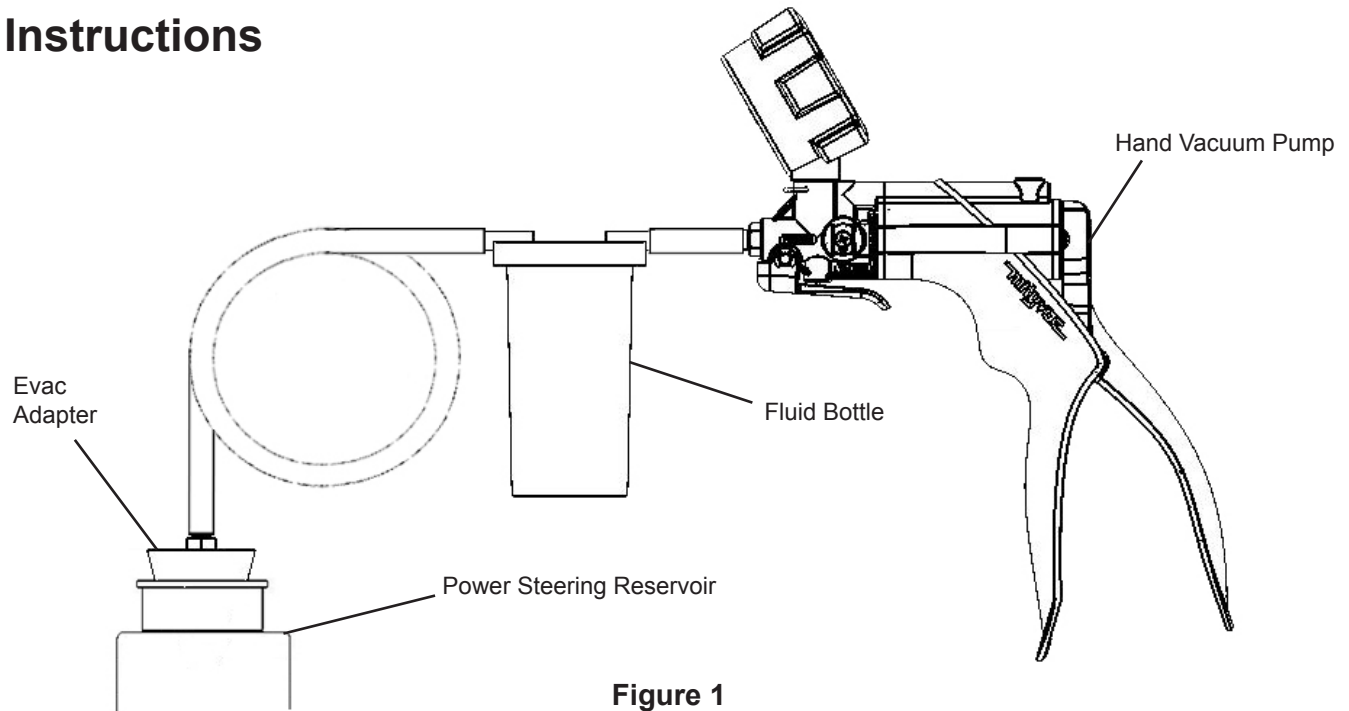


Figure 1

Precautions

- Always read carefully and understand instructions prior to using this equipment
- Wear safety glasses at all times
- Operate vehicle only in a well ventilated area, and away from potential sources of flame or ignition
- Prior to and during operation of the engine, make sure all equipment components, body parts, and personal clothing are clear of rotating engine components
- Avoid burns by remaining cautious of engine parts that may become hot when the engine is running
- Never leave a vehicle unattended while performing this procedure

Procedures

Bleeding Air from the Power Steering System

1. Check the level of power steering fluid in the reservoir. It should be between the MAX and MIN level when the fluid is at normal ambient temperature. Adjust the level as necessary.
2. Remove the reservoir cap and insert the Power Steering Evac Adapter into the neck of the reservoir until it is snug.
3. Connect the hand vacuum pump and reservoir to the evac adapter as shown in figure 1.
NOTE: The fluid bottle is required to prevent fluid from entering the pump.
4. Operate the vacuum pump to apply 20-25 in-Hg (68-85 kPa) vacuum to the system. Maintain the vacuum for at least three minutes.
WARNING: To prevent damage to the pump, do not run the engine while the system is under vacuum.
5. Release the vacuum and remove the evac plug from the reservoir
6. Top-off the fluid level as required
7. Repeat the process until the fluid level remains stable
8. Start the engine and turn the wheel lock-to-lock three to five times
WARNING: Do not hold the wheel at the stops.
9. Stop the engine and check the power steering system for leaks.
10. Check the fluid in the reservoir for bubbles and check the level. If bubbles are present or the fluid level is low, repeat the procedure as necessary.

MVA660

Power Steering Evac Adapter



Checking for Power Steering Leaks

1. Check the level of power steering fluid in the reservoir. It should be between the MAX and MIN level when the fluid is at normal ambient temperature. Adjust the level as necessary.
2. Remove the reservoir cap and insert the Power Steering Evac Adapter into the neck of the reservoir until it is snug.
3. Connect the hand vacuum pump and reservoir to the evac adapter as shown in figure 1.

NOTE: The fluid bottle is required to prevent fluid from entering the pump.

4. Operate the vacuum pump to apply 20-25 in-Hg (68-85 kPa) vacuum to the system.
WARNING: To prevent damage to the pump, do not run the engine while the system is under vacuum.
5. Watch the gauge needle. A drop of more than 2 or 3 in-Hg indicates a leak in the system. Also, air bubbles can typically be seen in the reservoir.
6. If a leak exists, repair and retest.

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