



Guidelines to flushing a Hydraulic Power Steering System

Before flushing the power steering system please refer to the manufacturers guidelines to establish the correct fluid required for your vehicle.

- Remove the return hose that links the rack to the fluid reservoir at the reservoir end and place the hose end into a bucket or container.
- Pump out all possible fluid. Turn the wheel lock-to-lock in order to pump out as much of the old fluid as possible.
- Now that most of the old fluid has been pumped from the system, you are ready to flush the remainder out. With the return hose still disconnected, add fresh power steering fluid to fill the reservoir half full. This will clean out any remaining liquid you could not pump out.
- Make sure the reservoir isn't completely empty and start the engine. Turn the wheel lock-to-lock and repeat a few times to pump new fluid through the system. Make sure you keep checking the reservoir to make sure it isn't empty.
- When the fluid coming out of the hose looks like the fluid going in the system has been fully flushed and the old fluid has been removed completely.
- Replace the new Steering Rack or Steering Pump.
- Re-connect the steering hoses to the reservoir and rack or pump and fill the reservoir with the recommended steering fluid for your vehicle.
- The steering system now needs bleeding (removing air from the system). Raise the front wheels off the ground, there can't be any weight on the steering system, set the engine running and open the lid of the reservoir. Turn the wheel from left to right a few times to assist the bleeding process.
- If the fluid that returns to the reservoir is frothy it means there is still air in the system. Repeat the above step until the fluid is free from air bubbles.
- Lower the vehicle to the ground and again turn the wheel lock-to-lock a few times. Check fluid levels in the reservoir and top up if required.

It is vital that this process is followed when installing a new steering product. It is likely that the old fluid was contaminated and lead to the failure of your steering system. If a new rack is installed without flushing the system there is a high probability that it will fail again, as the contaminants in the fluid damage the seals in the steering rack or damage the internals in the steering pump. We cannot accept responsibility if it is found that the system has not been flushed when installing one of our products.