

**HYDRAULIC****TB14****IMPORTANT MESSAGE**

**Start by referring to the manufacturers specifications to establish the correct fluid required in the Power Steering System.**

Failure of the steering system is mainly because of:

**1. Hose residue in the system**

Power steering hoses deteriorate from the inside-out.

This causes rubber residue which may block the Power Steering System.

The resolution would be to replace your power steering hoses at least every 5 years.

**2. A Faulty Steering Pump**

Metal debris from the steering pump can cause damage to the seals, scoring to the internals of the steering pump and rack.

**Guideline to Flushing the System**

1. Remove the return pipe from the rack reservoir at the reservoir end and place the pipe end into a bucket or container.

2. Remove the lid from the reservoir and start the engine of the car.

3. Pour fresh hydraulic steering fluid into the reservoir and start the engine of the car.

**DO NOT LET THE PUMP RUN DRY.** When the power steering fluid runs clean then you should turn off the car engine.

4. Replace the new steering rack or steering pump.

5. Re-connect the steering hoses and fill the steering system with the recommended steering fluid for the vehicle.

• **The steering system will need bleeding** (to remove air from the system).

1. Raise the front wheels off the ground (meaning no weight on the steering system).

2. Set the engine running and open the lid of the reservoir.

3. Turn the steering wheel from left to right a few times to assist the bleeding process.

**NOTE:** If air appears to still be in the system, then slacken the high pressure union of the steering pump slightly so that fluid 'weeps' at this point. Air in the system will be visible and will stop as the system clears itself of air. When air bubbles stop, then tighten the high pressure union again to the recommended torque settings.

4. Lower the vehicle again and turn the steering from lock to lock a few times.

5. Check the fluid levels in the reservoir and top up if required.

**WARNING**

Following this guide will assist the correct installation of the steering rack or pump and will extend the life span of your power steering product. It is advisable to follow this simple procedure every year as part of a vehicle service.