POWER STEERING (When provided)

Power steering is fitted for lighter steering effort and easy manoeuvrability. The system consists of steering gear box, hydraulic pump and hydraulic reservoir suitably mounted and connected by piping. Pump drive is through belt from engine. Power assistance is available during normal functioning of the power steering system.

In case of any failure in hydraulic system, the steering can be operated mechanically with increased steering effort for bringing the vehicle to a repair station.

Procedure for oil filling and bleeding the power steering system. (Ensure that the reservoir is totally cleaned before starting the work.)

1. Fill the reservoir nearly full. Crank the engine for 10 seconds without, if possible, allowing it to start. If the engine does start, shut off immediately. Check and refill the reservoir. Repeat atleast three times, each time checking and refilling the reservoir.
2. Check for any leakage in the system and if noticed take corrective action.
3. Start the engine and steer the vehicle from full left to full right turn 3-4 times. Add fluid if necessary to maintain the level up to the filter top.
4. With the engine at steady speed check for bubble / foaming in the fluid. If present it indicates that air is getting sucked into the system.

   Check the suction line / fittings and correct if necessary.
5. Once the system is bled properly and free from foaming, there should not be appreciable change in fluid level in the reservoir, when the engine is started / stop repeatedly. Top up or remove excess fluid so that the final level is at 'H' mark on dipstick.
6. Now the system is ready for driving.

⚠ CAUTION

Do not allow the fluid level to drop significantly or run out of the reservoir during the above operation. This may induce air into the system.

Do not start the engine without fluid in the power steering system. This will result in serious damage to the pump.

NOTICE

Always use recommended brand of fluid from closed containers. Any dirty fluid poured in the system will result in damage to pump/gear.