

SECTION I - TROUBLE SHOOTING & GUIDELINES

INSTALLATION GUIDELINES

IMPORTANT - Before installing brake booster, the following precautions must be taken to ensure proper operation of new unit:

- 1. Replace master cylinder.** If this is not done, drain and flush entire hydraulic system with new D.O.T. 3 brake fluid.
(Do not use D.O.T. 5 silicone brake fluid or solvent - it may cause rubber parts in the booster to swell causing the unit to fail. In this situation, the warranty may be void.)
- 2. Disconnect vacuum hose** from engine intake manifold and inspect hose for collapsed inner wall and fitting for carbon build up.
This step is very important as it insures that the booster receives adequate supply of vacuum. Replace hose and clean fitting and manifold as needed.
- 3. Test vacuum check valve** by starting engine while manifold vacuum hose is connected to the check valve and the hose to the booster is disconnected.
Place finger or vacuum gauge on booster side and shut engine off. Vacuum should remain for 30 seconds.
Clean or replace check valve if it fails this test.
Warranty requests will be refused if gas or oil is in unit.
- 4. Clean air cleaner** by blowing out with compressed air or remove it and wash it with solvent. Dry completely before reinstalling.
Inspect air cleaner hose for deterioration. Replace if necessary.
The air cleaner is a major cause of booster failure by letting dirt and water enter the unit.
- 5. Install booster** and connect all lines making sure all fittings are clean.
DO NOT start engine or pull a vacuum on booster before bleeding.
Bleed booster and entire hydraulic system until all air has been removed from the system. (See bleeding procedures.)
- 6. Check foundation brakes** for proper adjustment.
- 7. Start engine** and check brakes for proper operation.