

INSPECTION AND REPAIR

1. Wash all parts in clean solvent and dry with compressed air.

2. Inspect all springs for free length and test load. Refer to "Specifications".

3. Inspect the valve assemblies for nicks, wear, galling and scoring. Replace as necessary.

4. Inspect the orifice plug and screen for evidence of dirt, and blow out with air blast.

5. Install new O-rings and gaskets.

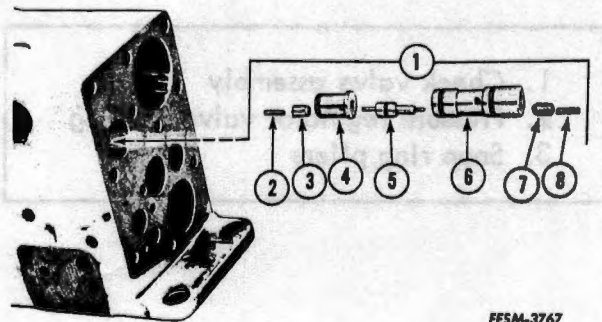
NOTE: Most of the difficulties with hydraulic systems are caused by dirt in the system and often a good cleaning of the system and replacing of the hydraulic fluid will overcome the difficulties.

REASSEMBLY

NOTE: Be sure to lubricate all parts before reassembly.

IMPORTANT: A rotating motion must be used when inserting parts with seal rings in their respective bores. Straight pushing, without a rotating motion, will damage the seal rings.

1. Install the check valve assembly (1) in the cylinder block using new O-rings.



FESM-3767

1. Check valve assembly
2. Check valve spring
3. Check valve
4. Check valve inner bushing

5. Check valve actuator
6. Check valve outer bushing
7. Check valve
8. Check valve spring