

Caterpillar Part Number	Repair Kit Number
106-1774	257-7676

PARK SECONDARY VALVE

Service Instructions

DISASSEMBLY

NOTE

Housing (14) and push rod (13) are manufactured as a matched set. These components should not be intermixed with other parts.

1. Remove plug (1), spring (3) and ball (4) from housing (14). Remove o-ring (2) from plug (1). Repeat this step on other side of housing (14).
2. Remove boot (18) from push rod (13) and housing (14).
3. Remove end plug (5) from housing (14).

CAUTION

End plug (5) is under tension of spring (7).

4. Remove spring (7), piston (10) and push rod (13) from housing (14). Use push rod (13) to force piston (10) from housing. **NOTE: Be careful not to damage piston, push rod or housing bore.**

CAUTION

Do not intermix push rods and housings. Housing (14) and push rod (13) are a matched set.

5. Remove retaining ring (17), washer (16) and seal (15) from housing (14).
6. Remove back-up rings (8 & 12) and o-rings (9 & 11) from piston (10).
7. Remove o-ring (6) from end plug (5).

ASSEMBLY

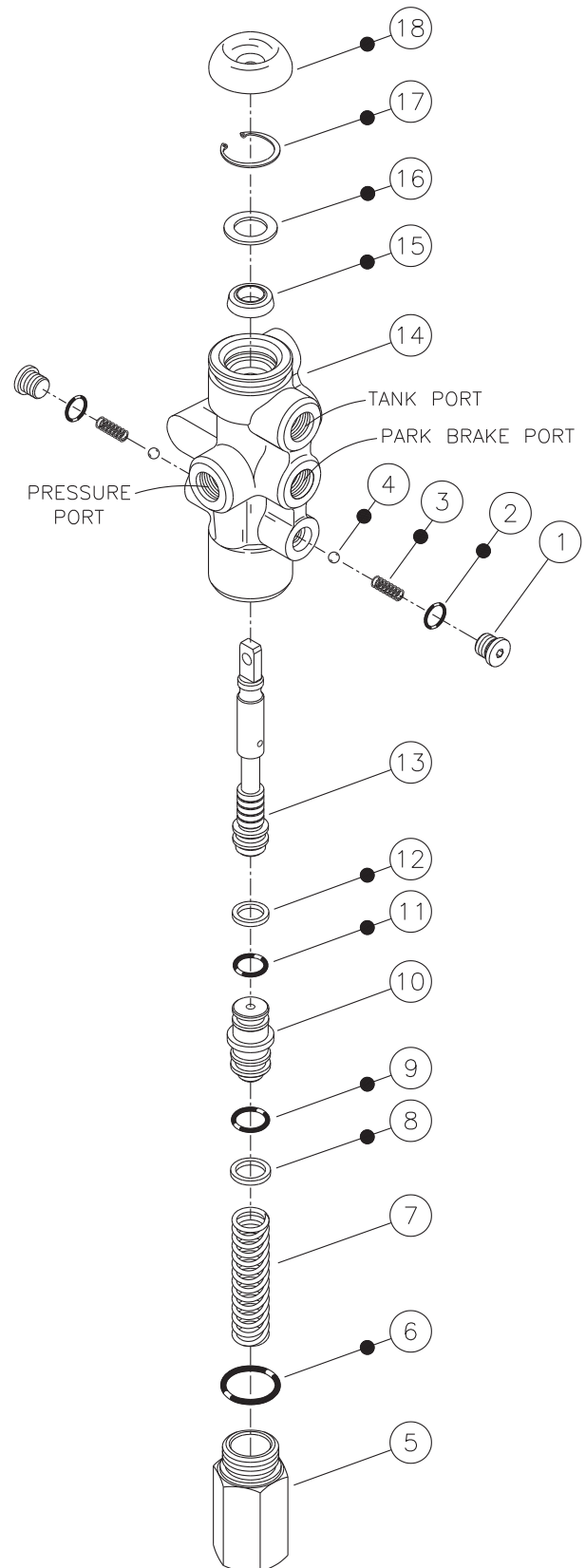
LUBRICATE ALL RUBBER COMPONENTS FROM REPAIR KIT WITH CLEAN TYPE FLUID USED IN THE SYSTEM.

1. Clean all parts thoroughly before assembling.
2. Install new seal (15), new washer (16) and new retaining ring (17) into housing (14).
3. Install new o-rings (9 & 11) and new back-up rings (8 & 12) on piston (10).
4. Install push rod (13), piston (10) and spring (7) into housing (14). Note direction of piston (10).

NOTE

Push rod must slide freely into bore. If housing bore or push rod is damaged, a new push rod/housing assembly may be required.

5. Install new o-ring (6) on end plug (5) and install end plug into housing (14). Torque end plug 54.2-67.8 N·m (40-50 lb·ft).
6. Install new o-ring (2) on plug (1). Install new ball (4), new spring (3) and plug (1) into housing (14) and torque plug 5.1-6.2 N·m (45-55 lb·in). Repeat this step on other side of housing (14).
7. Install new boot (18) on push rod (13) and housing (14).



● Items included in Repair Kit

