

Servicing

After 40,000 miles (64,000 km) or three years, whichever is reached first, the Servo or Powerstop should be replaced by a new guaranteed unit, alternatively, it should be completely overhauled and the diaphragm, seals and gaskets changed using the parts from the relevant Girling Service Kit. Provided the internal working surfaces are in perfect condition, the unit will be satisfactory for a further period of service, but where doubt exists concerning the condition of the parts, a new guaranteed unit should be fitted.

The vacuum pipe and filter element should be renewed when the unit is replaced or overhauled. In between service periods, the filter element should be changed whenever new brake shoes or new disc brake pads are fitted.

Listed below are the kits available to service the unit; the relevant parts contained in each kit can be seen on the illustration (Fig. 7).

MAJOR OVERHAUL KIT

Rubber Sleeve
Plug
Diaphragm
Body Gasket
Copper Washers (three)
Plug Seal
Control Piston Seal (primary)
Control Piston Seal (secondary)

Piston Rod Gland Seal
Output Piston Seal
Output Piston Assembly
Clamping Ring
Valve Chest Cover Gasket
Grommet (non-return valve)
Girling Grease No. 64949009

FILTER KIT

Filter Element
Filter Base Washer

NON-RETURN VALVE KIT
Non-return Valve
Grommet
Girling Grease No. 64949009.

KEY

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| 1. CONTROL SEAL (SECONDARY) | 26. COVER GASKET (VALVE CHEST) |
| 2. CONTROL PISTON | 27. 'T' LEVER VALVE ASSEMBLY |
| 3. CONTROL SEAL (PRIMARY) | 28. ANTI-KNOCK OUTPUT PISTON ASSEMBLY |
| 4. SPRING ABUTMENT | 29. SERVICE CLAMPING RING |
| 5. SPRING | 30. DIAPHRAGM PLATE & PISTON ROD ASSEMBLY |
| 6. RETAINER | 31. DIAPHRAGM |
| 7. CIRCLIP | 32. CLAMPING RING |
| 8. PLUG | 33. FRONT SHELL |
| 9. PLUG SEAL | 34. RUBBER SLEEVE |
| 10. BUSH | 35. PLUG |
| 11. PISTON ROD GLAND SEAL | 36. VACUUM PIPE |
| 12. SPACER | 37. ABUTMENT WASHER |
| 13. SLEEVE | 38. (COPPER) WASHER |
| 14. PISTON SLEEVE SPRING | 39. CLAMPING PLATE |
| 15. OUTPUT PISTON SEAL | 40. GROMMET |
| 16. ANTI-KNOCK OUTPUT PISTON | 41. NON-RETURN VALVE/ADAPTOR |
| 17. BALL | 42. HYDRAULIC BODY |
| 18. OUTPUT PISTON SPRING | 43. VALVE |
| 19. PISTON STOP | 44. VALVE SPRING |
| 20. COVER | 45. 'T' LEVER |
| 21. FILTER ELEMENT | 46. SPRING PLATE |
| 22. FILTER BASE WASHER | 47. LEVER GUIDE |
| 23. BODY GASKET | 48. SPRING CLIP |
| 24. REAR SHELL | |
| 25. DIAPHRAGM RETURN SPRING | |

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