



Remote Actuator

Service Instructions

Model Number	Repair Kit Number	Model Number	Repair Kit Number
06-460-035	02-400-052	06-460-039	02-400-214
06-460-037	02-400-166	06-460-041	02-400-215

NOTE: If your product number is not listed, contact ZF Off-Highway Solutions Minnesota Inc. for information.

NOTE
This literature services various models of remote actuators. The components shown in Figure 1 may appear different than what is found in your remote actuator.

DISASSEMBLY

1. Disconnect necessary fluid lines. Remove actuator from vehicle.
2. Remove end plug assembly (1) from housing (7). Remove o-ring (2), retainer (4) and seal (3) from end plug (1).
3. Remove spring (5) and piston assembly (6) from housing (7). Discard piston assembly (6).

ASSEMBLY

THOROUGHLY CLEAN HOUSING AND END PLUG WITH CLEAN SOLVENT AND ALLOW TO DRY. LUBRICATE HOUSING BORE AND ALL COMPONENTS FROM REPAIR KIT WITH CLEAN SYSTEM FLUID.

1. Carefully insert new piston assembly (6) into housing bore.
2. Insert spring (5) into housing bore over new piston assembly (6).
3. Install new seal (3) and new retainer (4) in end plug (1). Torque retainer 10.9-16.3 N·m (8-12 lb·ft).
4. Install new o-ring (2) on end plug (1). Install end plug (1) into housing (7) and torque 81.4-108.5 N·m (60-80 lb·ft).
5. Install actuator on vehicle. Connect fluid lines. Bleed system of air. Tighten fittings if leaks occur. Make several applications to be sure valve is working properly. **NOTE: All fittings must be inspected for leaks and tightened if leaks occur.**

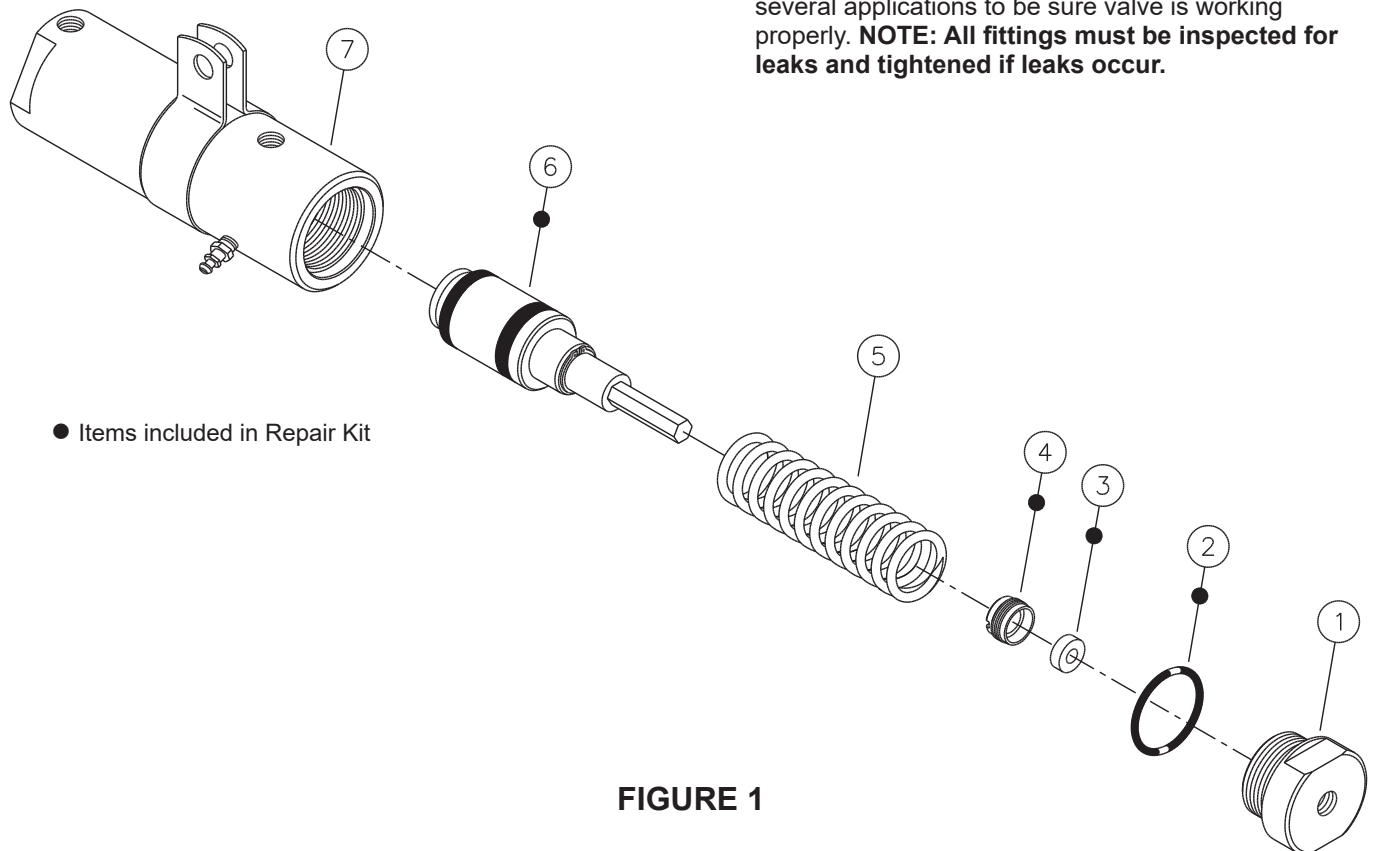


FIGURE 1

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