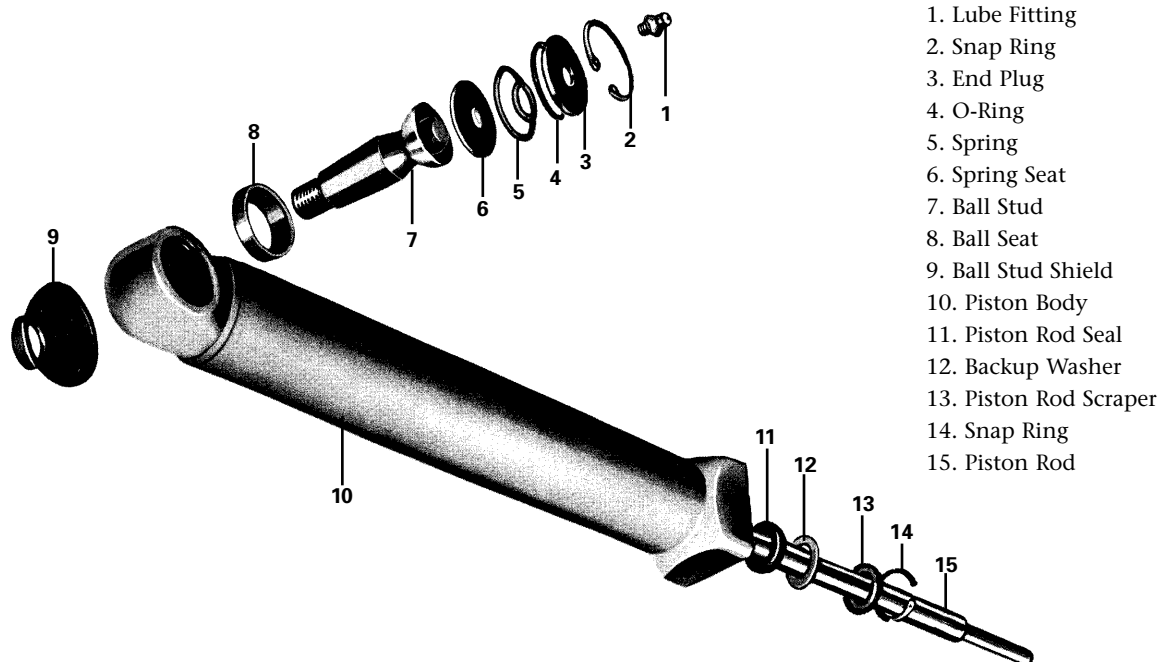


1963-1982 Corvette Power Steering Cylinder Rebuild Kit

Product # ZSC-324



Removal

1. Disconnect the two hydraulic lines connected to the power cylinder and drain fluid.
2. Remove retaining nut, washer, and rubber grommet from power cylinder rod to the bracket attached to the frame.
3. Remove the cotter pin, retaining nut, and pull stud out of relay rod.
4. Remove power cylinder from the vehicle.

Inspection

1. Inspect the seals for leaks around the cylinder rod and if leaks are present replace the seals using the procedure outlined under disassembly.
2. For service other than seat of seal replacement and ball stud removal, replace the power cylinder.

Dissassembly

1. To remove the piston rod seal, remove the snap ring, then pull out on the rod, being careful not to spray oil out of the parts. Now remove the wiper ring, back-up washer, and piston rod seal from the rod.

2. To remove the ball stud, depress the end plug and remove the snap ring. Push on the end of the ball stud and the end plug, spring, spring seat and ball stud and seal may be removed.

Assembly

1. Reassemble the piston rod seal components by reversing the disassembly procedure. Apply a thin coating of lubricant on the inner surfaces of the seal and wiper ring before assembly.
2. Reverse the disassembly procedure when reassembling the ball stud.
3. In each case be sure that the snap ring is securely seated in the ring groove.

Installation

1. Install the power cylinder on the vehicle by reversing the removal procedure.
2. Reconnect the two hydraulic lines, fill the system with fluid and bleed out air.

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