



999068 1980-1993 Dodge Truck 12.7:1 Power Steering Up-Grade

REMOVAL:

- Disconnect existing power steering hoses and drain fluid into a catch pan.
- With a pitman arm puller remove pitman arm from gearbox. A whack or two on the side of the arm while under tension from the puller will help loosen up stuck arms.
- Remove steering coupler bolt at the steering box. Bolt is interference fit, be sure to completely remove bolt.
- Unbolt rag joint connection at the steering column and remove factory steering shaft.
- Remove the three bolts securing the box to the frame and remove the steering box from the truck.

INSTALLATION:

- Center the steering box by turning the box full to one side then counting the revolutions as you turn the box completely to the other side. Now bring the box back to center by only rotating it half of the total turns. Total box turns will be +/- 3 with 1.5 turns from full lock to center. At the center position the four master splines on the pitman shaft will be at 3,6,9 and 12 O'clock positions
- With the bolts removed earlier, bolt the steering box to the frame.
- Install the pitman arm on the gearbox and fasten with new nut and lock washer provided.
- This steering box is designed to use O-Ring fittings, any factory replacement power steering hose may be used with this steering box.
- Bolt the flange end of the Borgeson steering shaft to the column with the included replacement rag joint. After tightening the two bolts be sure to return the two safety pins to their original position.
- With the Borgeson shaft fully collapsed, steering box centered and steering wheel straight slide the steering box universal joint over the splined steering box input shaft by extending the telescoping shaft to fully seat the universal joint on the splined shaft of the gearbox. Fully tighten the set screw to 15 ft. lbs. and then tighten the lock nut.
- Position the steel lock collar on the lower section of the shaft so that it is at the bottom edge of the rubber boot and tighten the setscrew.
- Fill the power steering system with a quality P/S fluid. With the engine running check new system for leaks and bleed off any air trapped in the system by slowly turning the wheel full left to full right with the wheels off the ground. **Be sure to keep reservoir full.**

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