

# **BORGESON**

## **Steering You Forward**

Borgeson Universal Co., Inc.  
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## **999001-999004 Steering box installation kit**

### ***Components included in this kit:***

- 1-new steering box
- 1-replacement pitman arm
- 1-1/2 rag joint to be used with your existing rag joint system.

### ***Tools required for installation:***

- Basic hand tools
- Torque wrench
- Ball-Joint separator

### ***Preparation:***

- If new installation is replacing an existing power unit, remove pump, brackets and hoses.
- Remove drag link from pitman arm.
- Disconnect rag-joint.
- Remove steering box and retain mounting hardware for new box installation.

### ***Installation of new steering box:***

- Install the new steering box using hardware saved from the original box removal and torque each bolt to 60 +or-5 foot-pounds of torque.
- Bring the steering box to its center position using the steering box input shaft and counting the rotations.
- Install the new pitman arm lining up the master splines and torque to 115 foot-pounds of torque.
- Install the ½ rag joint supplied with the kit and attach it to the flange of the column shaft and tighten to 25 foot-pounds of torque.
- Re-attach the drag link to the pitman arm.
- With the front end of the vehicle raised so the front wheels are just off the ground, rotate the steering wheel from one direction to the other and check the function of the newly installed components.
- Have the front end re-aligned.

### ***Steering box adjustment:***

- This steering box is pre-loaded and adjusted to factory specifications before leaving our facility. This steering box does not require any adjustment. Any adjustment or modifications made to the steering box by parties other than Borgeson will void the three-year warranty.

### ***Steering box Warranty:***

- This steering box has a three-year unlimited mileage warranty.