

# BORGESON

## *Steering You Forward*

800120

### Dodge Steering Box Installation

**NOTE: INSTALLATION REQUIRES USE OF A BORGESON AFTERMARKET STEERING SHAFT. TO USE THE STOCK SHAFT A FLAT MUST BE GROUND ON THE STEERING BOX ADAPTER TO MATCH THE ORIENTATION FLAT ON THE STOCK STEERING SHAFT**

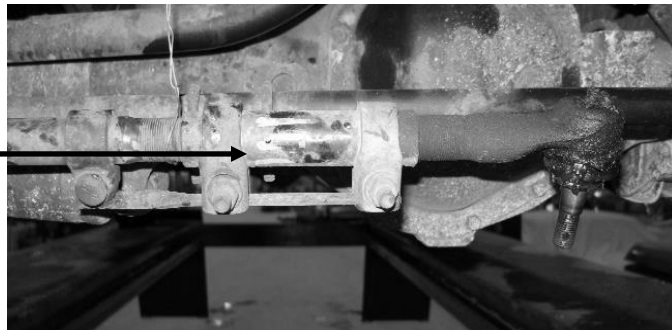
#### Removal:

- Center wheels and lock steering wheel column lock before you begin.
- Remove intermediate steering shaft and P/S hoses from steering box.
- Using a pitman arm puller remove pitman arm from steering box.
- Remove three bolts holding steering box to frame and remove from vehicle.
- Retain mounting hardware for new box installation.

#### Installation of new steering box:

- Install the new steering box to frame using hardware saved from the original box. Install the provided 3/8" spacers between the box and frame. Tighten the bolts to factory specifications. **If you are using an aftermarket steering box brace it may be necessary to elongate the holes in the steering box brace in order to properly attach it to the steering box.**
- Bring the steering box to its center position using the steering box input shaft.
- Using the threaded adjusting sleeve on the drag link, adjust the end link in 3/8" to compensate for the spacers on the new steering box. (See photo below)
- Install the pitman arm lining up the master splines and torque pitman nut to 115 foot-pounds.
- At this time it will be necessary to collapse your Borgeson steering shaft for clearance of the slightly longer steering box. Be sure to loosen the shaft collar before trying to collapse the shaft.
- Install Borgeson steering shaft to new steering box and properly tighten set-screw then lock nut. Reinstall steering shaft collar.
- 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.
- **Flush any remaining old P/S fluid from the power steering system before connecting to the new box.**
- Connect power steering hoses. Insure fittings are sealed and properly tightened and then slowly fill the pump with the recommended power steering fluid for your vehicle.
- 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 fluid full.
- Have the front end re-aligned.

Use the adjuster to shorten link 3/8" to accommodate new steering box.



#### Steering box Warranty:

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