



800124

Dodge Steering Box Installation

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 the pitman arm from the 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:

- Be Sure not to turn the steering box input shaft, steering box is centered from factory.
- Install the new steering box to frame using hardware saved from the original box and tighten the bolts to factory specification of 145 ft. lbs.
- Connect the pitman arm to the new box. Do not turn the steering box off center to connect the pitman arm, adjust the drag link to bring the arm to the new location of the pitman shaft if adjustment is necessary. Turning the box off center will result in your steering wheel being crooked. Torque pitman shaft nut to 185 ft. lbs.
- Install the steering shaft to new steering box and tighten the clamp bolt to 36 ft. lbs. Connection is an interference fit pinch bolt and bolt must be completely removed prior to installing coupler.
- 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. Ensure 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.
- A full alignment is always recommended after a steering box change.