



800 Poertner Drive
Berea, OH 44017
1-800-648-8022
www.flamingriver.com

TECHNICAL BULLETIN # 1002

STEERING BOX CENTERING INSTRUCTIONS – FR1540 MOPAR STEERING BOX

WARRANTY: ONE (1) YEAR FROM DATE OF PURCHASE. REPLACEMENT OR REPAIR OF PRODUCT DEEMED DEFECTIVE BY THE FACTORY. *ANY LABOR INCURRED IS SPECIFICALLY EXCLUDED.*

WEIGHT: 18 LB

IMPORTANT!!! It is critical that the steering box be at the center position **BEFORE** installation. Incorrect centering will cause loose steering and premature wear. You should feel the box tighten when at the center.

NOTE: All boxes are pre-lubricated and pre-adjusted to factory specifications.
DO NOT ADJUST THE STEERING BOX!!!

16:1 RATIO GEAR BOX FR1540

- 1) Place the steering box in a bench vise and be certain the box is held securely.
- 2) Place a $\frac{3}{4}$ "-36 u-joint on the pinion input shaft
- 3) Turn the shaft to the right (clockwise) all the way to the right lock.
- 4) Turn the shaft to the left (counter clockwise) all the way to the left lock. (approx. 4-1/8 turns)
- 5) Turn the shaft to the right (clockwise) half the number of turns. (approx. 2-1/16 turns) *You should feel the box tighten when at the center.*
- 6) Align the wide spline on the sector shaft of the box with the center of the sector area of the casting.



Pinion Shaft Size:
3/4"-36
Pitman Shaft Thread:
7/8"-14

Paint stripe indicates centered shaft.
Paint may or may not be on box. →

Warranty Disclaimer

Because of their intended usage, the manufacturer makes no warranties whatsoever expressed or implied, oral or written, to purchasers of their products regarding performance, safety, fit, merchantability or length of service. Purchasers are responsible for selection of proper goods and must rely on their own skill or judgment that such goods are suitable for the purchaser's application.