



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

## TECHNICAL BULLETIN # 1004

**STEERING BOX CENTERING INSTRUCTIONS – FR1541, FR1542Q STEEL CORVAIR 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:** 11 LBS

**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.

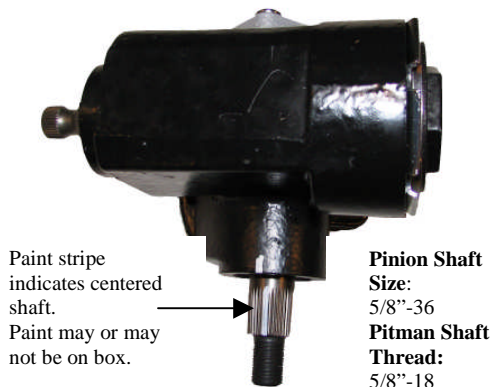
**NOTE:** All boxes are pre-lubricated and pre-adjusted to factory specifications.  
**DO NOT ADJUST THE STEERING BOX!!!**

### 16:1 RATIO GEAR BOX FR1542Q

- 1) Place the steering box in a bench vise and be certain the box is held securely.
- 2) Install a 5/8"-36 u-joint to 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. 3-½ turns)
- 5) Turn the shaft to the right (clockwise) half the number of turns. (approx 1-¾ turns) *You should feel the box tighten when at the center.*
- 6) Align the wide spline on the box with the center the casting.

### 20:1 RATIO GEAR BOX FR1541, FR1542

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



#### 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.