

# FLAMING RIVER

## INSTRUCTION BULLETIN # 1017

**INSTRUCTIONS** – Power Steering Box and/or Pump Bleeding Procedure (Box: FR1560, FR1561, FR1562, FR1563; Pump: FR1570, FR1571, FR1571PL, FR1572)

**WARRANTY:** ONE (1) YEAR FROM DATE OF PURCHASE. REPLACEMENT OF PRODUCT DEEMED DEFECTIVE BY THE FACTORY. LABOR NOT INCLUDED.

To assure the proper operation of your new Flaming River Power Steering Box and/or Pump, please follow these instructions to fill the power steering pump and bleed the fluid through the system.

Rag Joint part number **FR1951** may be necessary for proper installation of the Flaming River Power Steering Box.

**M18** and **M16** o-ring style AN fittings may be necessary for proper factory power steering line installation to the Flaming River Steering Box.

Power Steering Pump Reservoir seal kit is available if the original reservoir is desired.

Thread Size	English	Metric
7/16 – 14 UNC Thd.	59 – 74 ft. lb.	80 – 100 N•m
1/2 – 13 UNC Thd.	89 – 110 ft. lb.	120 – 150 N•m
9/16 – 12 UNC Thd.	89 – 110 ft. lb.	120 – 150 N•m
14mm x 2 – 6H Thd.	89 – 110 ft. lb.	120 – 150 N•m

Figure 2 Table of Torques for Attaching Gears to Frame

**FLARED CONNECTOR FITTING STYLE**  
TIGHTEN 40 – 54 N•m  
(30 – 40 ft. lb.)

**O-RING FITTING STYLE**  
TIGHTEN 20 – 35 N•m  
(15 – 26 pl. lb.) AFTER  
THE NUTS AND  
BEADS HAVE BEEN  
FIRMLY SEATED

**Figure A Torque Chart**

- 1) Fill the reservoir with high-quality power steering fluid and allow to sit for 2 minutes
- 2) Start the engine and recheck fluid level. Add fluid if necessary.
- 3) Repeat step 2 if necessary until fluid level stays consistent after running the engine.
- 4) Raise the front end of the vehicle so the wheels are just off the ground.
- 5) With the engine running, rotate the steering wheel back and forth from lock-to-lock. Repeat several times. Check fluid level and add fluid if necessary.
- 6) Lower the vehicle on the ground and with the engine running, repeat step 5. Check fluid level and add if necessary.

Always consult your factory manual for proper torque settings for your vehicle.

**NOTE:** If the fluid is extremely foamy, let the vehicle sit for a few minutes and repeat steps 1-6.

**NOTE:** Trapped air in the system will cause a milky appearance in the fluid. Trapped air will also cause the fluid level to rise in the reservoir when the engine is not running.

### 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.