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## INSTALLATION BULLETIN #2001

**DESCRIPTION:** FR1503, FR1520, FR1890, FR1890Q, FR1890-E, FR1890-EQ MANUAL RACK

**WARRANTY:** 1 YEAR FROM DATE OF PURCHASE. REPLACEMENT OF PRODUCT DEEMED BY FACTORY TO BE DEFECTIVE ONLY. LABOR NOT INCLUDED.

### Removal of stock power steering

- 1) Remove outer tie rod ends from spindles
- 2) Disconnect power steering rack lines. Drain the power steering fluid from the system and properly dispose of the fluid.
- 3) Disconnect rag joint flange from pinion shaft
- 4) Disconnect shaft from column and remove from car.
- 5) Remove the bolts retaining the power rack and pinion to the cross member.
- 6) Remove all power steering pump, brackets and lines.

**Note:** It will be necessary to replace the serpentine belt with a shorter length when the power steering system is eliminated.

### Installation of Flaming River rack & pinion

- 1) Install rack bushings with the flange between the rack and the cross member.
- 2) Install new tie rod ends on to manual rack and pinion
- 3) Mount rack on to cross member using the original nuts and bolts.
- 4) Install tie rod ends into spindle
- 5) Install either original shaft with new adapter or the proper Flaming River shaft kit, according to the instructions included with shaft kit.

**IMPORTANT!** A front-end alignment must be performed for proper operation and performance of the Flaming River rack and pinion.

### **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.