



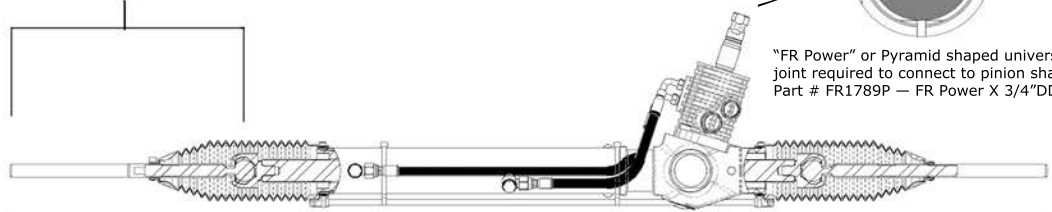
1-800-648-8022  
www.flamingriver.com



Universal Pillow Block Mounts clamp to rack tube and allow you to rotate rack for best pinion angle to connect steering linkage.

## Custom Power Rack and Pinion Worksheet

### (D) Inner Tie Rod End Design



\*FR Power\* or Pyramid shaped universal joint required to connect to pinion shaft.  
Part # FR1789P — FR Power X 3/4"DD.

### (E) Port Locations (See chart below)

(A) Rack Gear Length  
Standard length is 23.00"  
Can go up to 27.00" in length

(B) Pivot Point Length  
Location where inner ends pivot

(C) Overall Rack Length

### PLEASE FILL IN YOUR CUSTOM POWER RACK AND PINION SPECS

- Front Steer or Rear Steer (circle one)
- Left Hand Drive or Right Hand Drive (circle one)
- (A) Rack Gear Length: \_\_\_\_\_
- (B) Pivot Point Length: \_\_\_\_\_
- (C) Overall Rack Length: \_\_\_\_\_
- (D) Inner Tie Rod Ends (9/16"-18 thread is standard)
  - Male / Female (circle one)
  - Thread: \_\_\_\_\_
- (E) Port Location (chart on right): \_\_\_\_\_
- Powder Coat Finish: Blue or Silver (circle one)
- Additional Notes: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### THESE ARE THE PORTS



You can designate how the rack tube is rotated and where the ports will be located on the tube to avoid clearance issues.

The ports can be located at any angle shown on the diagram to the right.

You will use the front port as the locator. In this instance, it is shown at the 90° location.

**Note:** In the diagram shown here, the ports on a front steer right hand drive application would point towards the front of the vehicle. On a rear steer right hand drive application, the ports would face towards the rear of the vehicle.

### CLOCKING DIAGRAM

The ports can be positioned rotationally anywhere depending on where there is clearance. We need to know this information because once the tube and casting are pressed together and the drive pins are installed, the tube location is set.

Flaming River manufactures custom racks to customer specifications per the above diagram. Flaming River Industries assumes no responsibility for design integrity. Design and fitment of the power rack and pinion is the responsibility of the customer.

**Payment:** Full payment is required with order. Cash, Visa, MasterCard, Discover, or PayPal are accepted.

**Cancellation:** Custom racks are non-cancelable and non-returnable. Rack specifications must be in writing and signed by customer.

**Delivery:** 4-6 weeks from time of order

### CUSTOMER CONTACT INFORMATION

\*Contact Name: \_\_\_\_\_  
Company Name (if applicable): \_\_\_\_\_  
\*Address: \_\_\_\_\_  
\*City, State, Zip: \_\_\_\_\_  
\*Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
\*Email: \_\_\_\_\_  
\*Signature: \_\_\_\_\_ \*Date: \_\_\_\_\_

- \* Indicates required field.

### INTERNAL USE

Sales: \_\_\_\_\_  
Production: \_\_\_\_\_  
Builder: \_\_\_\_\_  
Checked By: \_\_\_\_\_  
\*Initial and Date

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