

# CARDONE ProTech

Supporting Today's Professional Technician



## Installation Tip for 26-1916 Rack and Pinion

### Application:

Power Rack & Pinion for Jaguar XJS 1987 to 1991  
(CARDONE part number 26-1916).

### Problem:

Steering wheel not centered after installation of replacement rack.

### Cause:

Original Equipment manufacturer assembly variations result in different input shaft center positions.

### Solution:

It may be necessary to remove and center the steering wheel. Installation tips are provided below to assist installation.

**Caution** - Do not attempt removal of the steering column or steering wheel without first disarming the airbag system (refer to vehicle service manual for specific procedures).

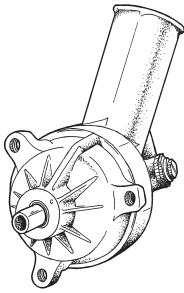
- Disarm airbag system.
- Remove original rack, following service manual procedures.
- Center replacement rack before installation. Input shaft center position can be determined by counting total shaft turns lock-to-lock, dividing the number of turns in half, then positioning the input shaft that number of turns (example: total turns = 3, center position is 1.5 turns from either lock). Jaguar tool JD120 can be used to precisely center rack.
- Check steering wheel position. If off-center, remove and center steering wheel. Adjust tie rods to obtain final center position if necessary.
- Complete installation and arm airbag system as per service manual.

NOTE: PROTECH PT 20-0014 provides an installation tip to protect airbag steering wheel coil during rack installation.

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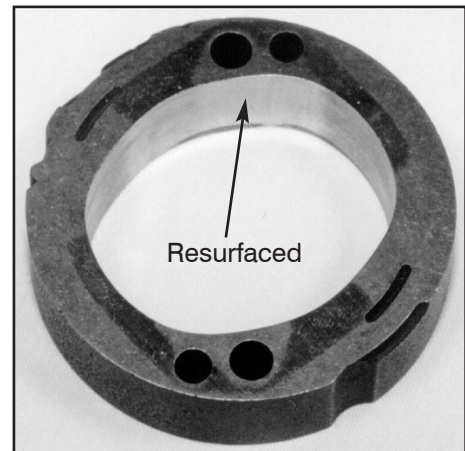
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## Power Steering Pumps



- Control Valves
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-Filters
- Rack & Pinion Units
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**Cam Rings** - In order to prevent low flow, noise, or no pressure, CARDONE resurfaces the cam ring to give it the original, consistent surface. By running your finger around the inside of the cam ring, you will be able to feel the smooth inner surface. Every unit is tested for proper flow and pressure to make sure it meets all OEM specifications. This process ensures a high quality unit that won't come back.



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