

# CARDONE ProTech

Supporting Today's Professional Technician



## Ford Rack & Pinion Pressure-Return Port: Which is Which?

**Application:** Ford rack & pinion units with same size pressure and return ports.

**Problem:** Because ports are the same thread size, the pressure and return hoses can be reversed, causing violent self-steering and damage to the rack.

**Solution:** Use figures below to determine the pressure port for your part number.

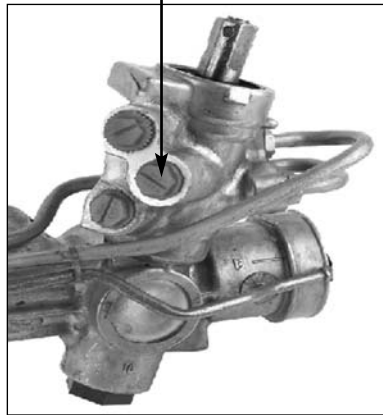
Pressure Line



**Type 1**

For part numbers:  
22-214, 22-219, 22-228,  
22-230, 22-231, 22-235,  
22-239, 22-241, 22-242,  
22-243, 22-244, 22-246,  
22-250, 22-251, 22-252,  
22-253, 22-268, 22-276

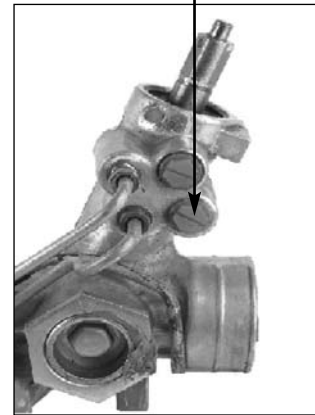
Pressure Line



**Type 2**

For part numbers:  
22-218, 22-220, 22-224,  
22-225, 22-232

Pressure Line



**Type 3**

For part numbers:  
22-217, 22-234,  
22-237, 22-264,  
22-271, 22-272,  
22-283

**Note:** The original rack & pinion may have a removable check valve in the pressure port. Transfer the check valve to the replacement unit. Use the figures above to determine the correct port for the check valve. Refer to ProTech 22-0010 for more information.

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