

Flaming River Ind. 800 Poertner Dr Berea, OH 44017 800-648-8022

Stainless Braided Hose Kit Installation

Con Zupa

FR1610/FR1610-F Hose Kit



Connecting the Pressure and Return Fittings to the Power Rack and Pinion



1. Using a pair of pliers, remove the yellow plastic caps covering the Pressure and Return ports on the power rack and pinion.



2. Note that each port is labeled Pressure or Return in the rack valve casting.



3. Place one (1) 101357 O-Ring onto the FRM14X6AN (M14 X 1.5-AN6) Pressure fitting.



4. In the top Pressure port, insert the FRM14X6AN Pressure fitting and tighten.



5. Place one (1) 101357 O-Ring onto the FRM16X6AN (M16 X 1.5-AN6) Return fitting.



6. In the bottom Return port, insert the FRM16X6AN Return fitting and tighten.



7. If necessary, insert one (1) FR6C6X-S 90° swivel hose fitting into the fitting in the Pressure Port and one (1) FR6C6X-S 90° swivel hose fitting into the fitting in the Return port and tighten. These swivel fittings may only be required to help with issues regarding clearance or fitment.

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Note: The threads of each barbed hose fitting for the power steering fluid reservoir should be wrapped in Teflon tape prior to installation.



1. Insert the FR125HBL-10-8 (5/8 X 1/2 NPT) barbed hose fitting into the Supply port on the power steering fluid reservoir.

2. Next, insert the FR125HBL-6-4 (3/8 X 1/4 NPT) barbed hose fitting into the Return port on the power steering fluid reservoir.

Connecting the Power Rack and Pinion to the Power Steering Pump and Fluid Reservoir.

NOTE: When installing power steering pump, make sure that the power steering fluid reservoir is mounted somewhere higher than the pump, to allow for a gravitybased fluid feed.





1. Place O-Ring onto and then 2. Connect the 3/8" insert one (1) FRM16X6AN (M16 hose to the fitting in the X 1.5-AN6) straight fitting into Pressure port of the the Pressure port on the power power rack and pinion. steering pump and tighten.





3. If necessary, insert one (1) FR6C6X-S 90° swivel hose fitting into the FRM16X6AN straight fitting on the power steering pump. This swivel fitting may only be required to help with issues regarding clearance or fitment. Then, connect the other end of the hose coming from the Pressure port of the power rack and pinion to the Pressure fitting on the power steering pump.



4. Place one end of the 5/8" hose onto the fitting in the Supply port of the power steering pump.

<u>Connecting the Power Rack and Pinion to the Power Steering Pump and Fluid Reservoir.</u> (Continued)



5. Secure the 5/8" hose in place using one (1) of the FR620-006 band clamps.

6. Take the other end of the 5/8" hose and connect it to the FR125HBL-10-8 Supply fitting in the power steering fluid reservoir. Secure it in place using one (1) of the FR620-006 band clamps.



7. Next, attach one end of the 3/8" hose onto the fitting on the Return port of the power rack and pinion.

8. Attach the other end of the 3/8" hose onto the Return port on the power steering fluid reservoir and secure in place using one (1) of the FR620-006 band clamps.

9. Verify that all of the fittings and hose lines are connected properly. Failure to plumb the power steering system properly can cause damage to the rack and pinion and voids the warranty.

10. Double check to make sure that all of your fittings and hose connections are tight and that the power steering lines are straight or have a soft curve. The power steering hoses should never have any kinks or extreme angles!





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