

GOTTA SHOW PRODUCTS LLC.

ORDER/TECH LINE: 602-237-4506 WEBSITE: WWW.GOTTASHOW.COM
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Instructions for Power Steering Kits

There are 2 different SIZES of hose that come in our base power steering hoses kits. There is a 3/8" I.D. hose for the return and a 5/16" I.D. hose for the pressure side. Find your part number below for additional instructions for installation. All base hose kits come with 22" of hose with the exception of KIT 617-4837 which has 28" of hose. They are cut to fit at the pump side. The hose kits listed below are for pumps with reservoir attached. If you are running a pump where the reservoir is mounted separately, then you will also need to order part # 910-31110 for the third line.

617-4835 -- This fitting seals at the face of the rack with the white Teflon seals and with a hidden o-ring built-in to the middle of the nut on the fitting. **Do not over tighten these fittings or you will damage the white seals.** Tighten rack side fittings to about 12-14 ft/lbs. **(When properly installed, both fittings will SWIVEL after they have been installed and tightened)**

617-4837 -- Both fittings are inverted flare and will fit all GM gear boxes that are within '65-'79 year model. The fittings that come pre-attached to the hose go to the gear box side.

617-4839 -- This kit fits '80- present GM gearboxes and racks, Dodge Omni and Buick Electra. The pressure fitting is the larger of the 2 fittings with the o-ring affixed to the fitting from the factory. Before installing, double check that the o-ring did not fall off while opening the package. The return hose has the smaller fitting but larger hose and a white Teflon seal.

(If properly installed the return fitting will SWIVEL after tightening)

Banjo compression fitting installation:

All kits come with a banjo fitting that you will need to attach to the end of your hose for the pressure side of your pump. Remove the compression nut from the banjo fitting. Slide the nut over pressure hose (5/16" or smaller hose) with threaded side facing the end of hose. **Hint:** Place compression nut from banjo fitting over the hose **BEFORE** you cut it to length.

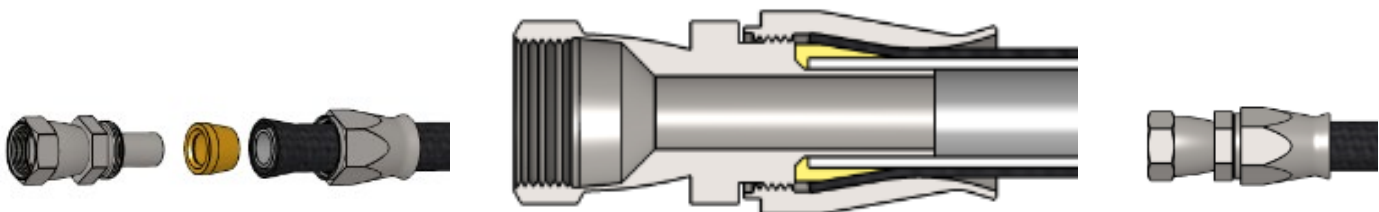
Cutting braided stainless hose:

When cutting braided stainless hose, it is easier to cut with a chop saw or cut off wheel (as thin a wheel as you can find).

Use care when cutting the braided outer liner, because fraying will decrease the integrity of the outer braid and reduce the strength of the final assembly. Mark hose to length and wrap hose with tape over your mark. Make sure you cut through the middle of the tape. This will prevent most of the fraying effect that is seen with braided stainless hose.

***INNER TEFLON AND OUTER BRAID SHOULD BE THE SAME LENGTH AFTER CUTTING!**

Take off any tape that was left on the end of the hose from cutting. Take brass ferrule that was inside the banjo fitting and place it onto the end of the inner Teflon hose as shown below. It is important to make sure the Teflon hose is completely pushed up inside the brass ferrule until it stops at the back edge of ferrule (as shown below). **Hint:** Use some **POWER STEERING FLUID** on the end of the banjo barb before insertion.



Assemble in this order

Cross Section

Final Assembly

Be certain when you push the banjo barb down through the brass ferrule and Teflon that you don't push back or tear the inner Teflon hose. To provide for minimal disturbance of the outer braid, make sure that the braid will not protrude into the threads of the two halves of the fitting. Hold the hose and outer fitting in a fixed position and tighten the swivel end of the assembly to approximately 15 ft/lbs. **Over tightening may compromise the integrity of the assembly.**

After being tightened, the brass ferrule can possibly be reused one time. However, it is best to replace the ferrule if the end of the hose needs to be disassembled and reassembled. Replacement ferrules can be purchased under part # 910-131003.