

# GOTTA SHOW PRODUCTS LLC.

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## Instructions for engine oil cooler hose kits.

With the engine cool to the touch, remove the oil filter. Wipe the engine sealing surface and filter nipple clean of any dirt or grease. Install the 3/8npt x -8an hose fittings in the engine adapter ports using Teflon® tape or appropriate sealer. Maximum torque on the fittings is 28ft lbs. **Do not over tighten!**

To attach the plate to engine you must try all four threaded adapter bushings and the one that spins on easily is the one for your application. (Figure 1) Once you have found the correct bushing. Remove the correct bushing and install it in the adapter sleeve nut. (There is thread on the bushing that has been knurled this part should thread in the sleeve nut last to lock it in place) Note: (To determine whether the large adapter plate must be used, position the plate on the engine filter mount and compare o-ring landings.) For final assembly apply a thin film of fresh engine oil to the adapter plate o-rings. Screw the adapter sleeve nut on to the engine nipple. Position the ports in the desired direction, and then tighten. Torque to about 20ft lbs. Next install new oil filter and tighten to ¼ - ½ turns past o-ring contact with sealing surface. Apply some fresh oil to a new ford oil filter such as PH8A or PH43, and install. Note: an o-ring must be used between all adapters.

Now that the oil filter adapter is installed you can route your hoses to your cooler. The kit comes with (1) 8ft length of hose and pre swedged -8an female fittings. Once your cooler placement has been established route the hose for the longest length you will have and cut the hose. You will now need to install one of the field attachable -8an fittings on to the open end of your hose you just cut. (Figure 2) Repeat for the other hose. Now you should have (2) hoses cut your specific length with female -8an on either end of both hoses. Once you install the 1/2npt adapters into your cooler you can hook up the hose from oil adapter to cooler. Make sure all fittings are tight and hoses are secure and out of the way of moving parts and electrical connections. **REMEMBER TO CHECK OIL LEVEL AFTER INSTALLATION!**

### Cutting braided stainless hose:

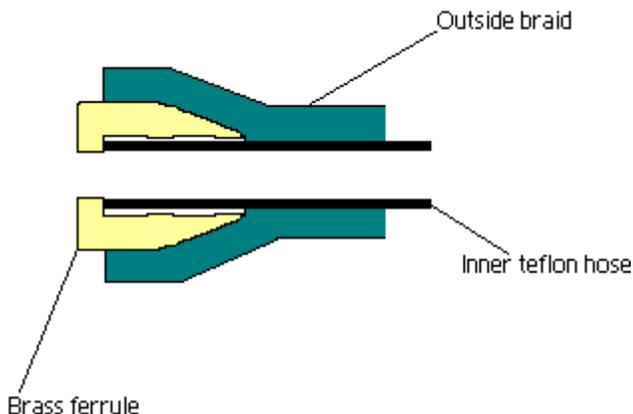
When cutting braided stainless hose it is easier to cut with a band saw, chop saw or cut off wheel (as thin a wheel as you can find). Mark hose to length and wrap hose with tape over your mark. Make sure you cut through the tape this will prevent most of the fraying effect that is seen with braided stainless hose.

### Assembling field attachable fittings:

Remove nut from field attachable fitting and slide over cut end of hose. Install brass ferrule as seen below in diagram. Once ferrule is installed on the end of the hose you will need to insert the main fitting barb down thru the ferrule and into the hose. (**Hint:** Use some transmission fluid on the end of the -6an field attachable barb before insertion.) Tighten nut approximately to 15ft/lbs.

Figure 2

Figure 1



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

