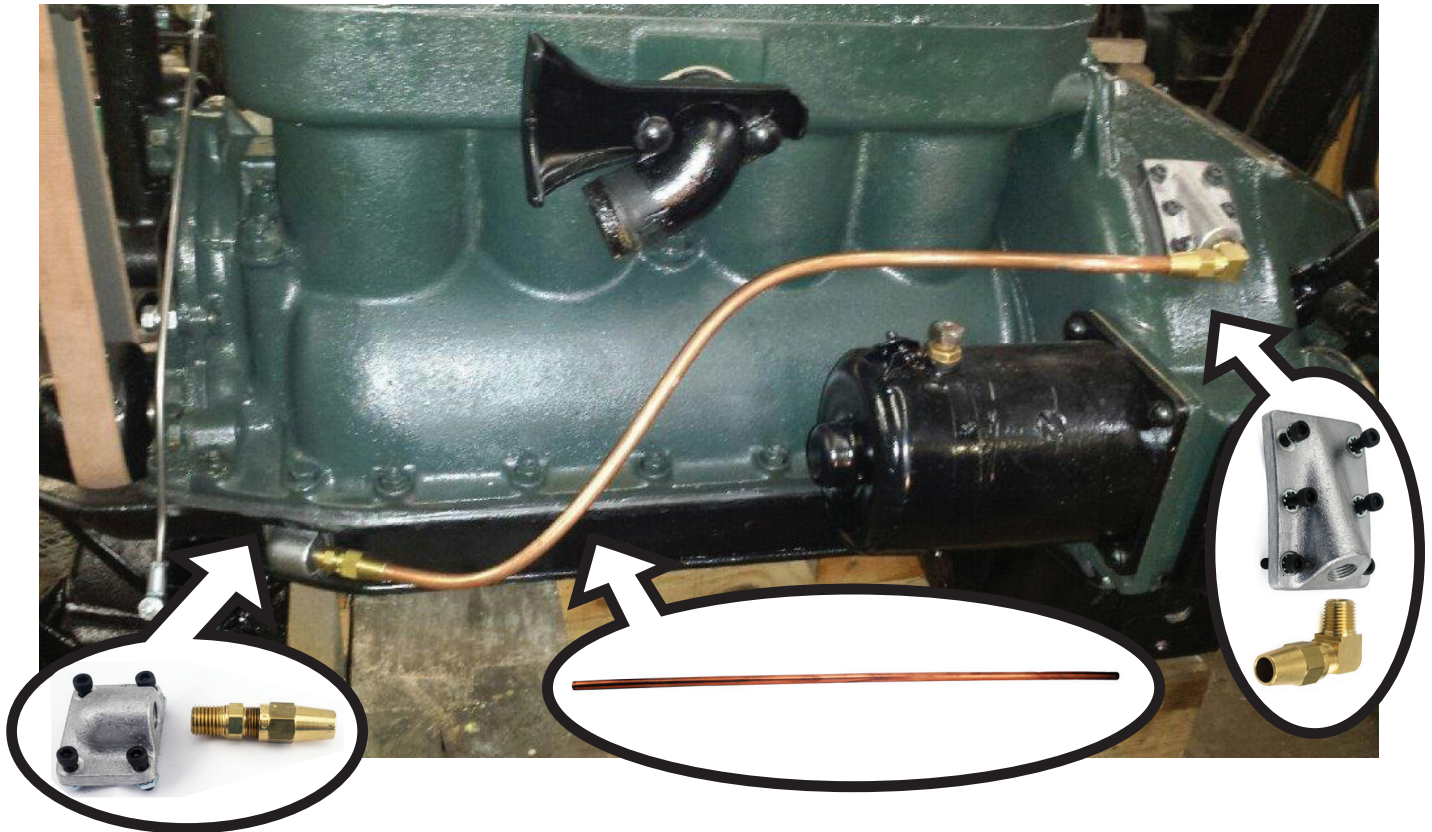
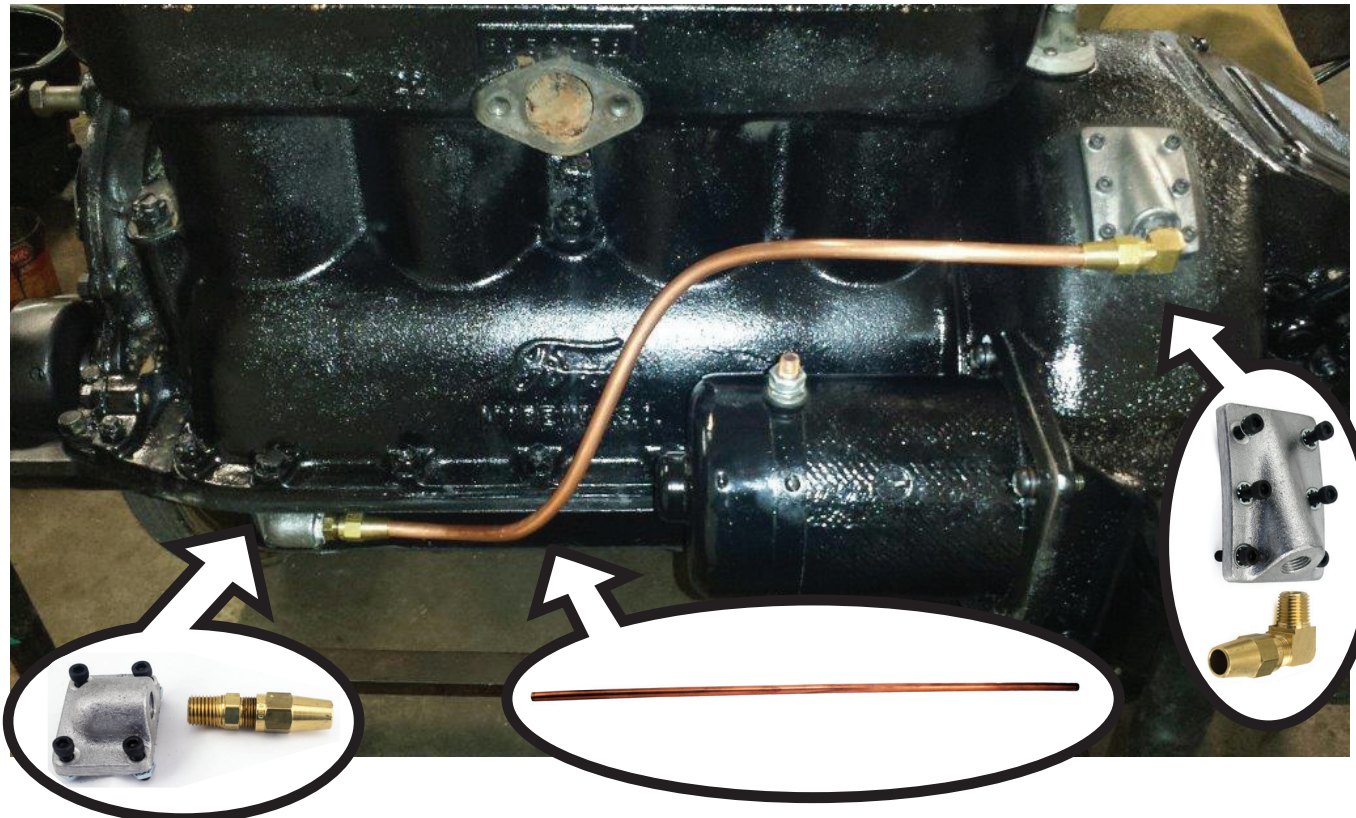


T-3081-HVOL HIGH VOLUME OUTSIDE OIL LINE KIT INSTALLATION INSTRUCTIONS

It is probably easiest to install the high volume oil line kit while your is apart being rebuilt, but it is possible to be done with an engine installed in your car. You will need to remove the hogshead from the transmission.



Note on this 4 dip oil pan the inlet is installed on an angle.

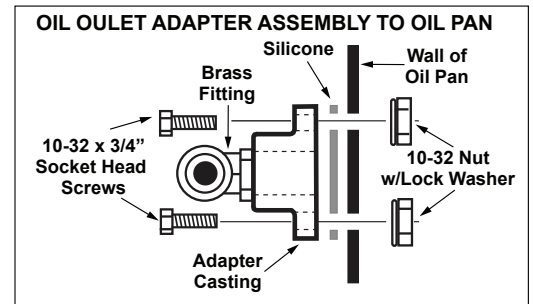


Note on this 3 dip oil pan the inlet is installed flat.

Use the included installation templates to determine the installation location of the two adapter castings. We suggest that you use the aluminum castings to center punch and drill the holes needed for oil passage ways. Check to make sure that the position of the bolt holes allows the bolts to be inserted before proceeding to drill and grind the large passage holes.

The oil passage hole in the front of the pan can be drilled with a step drill or hole saw. If the engine is still on the car, take care to remove all of the drill shavings from the inside of the pan.

After cleaning the area around the inlet casting location use silicone and install the inlet casting using the four #10-32 x 3/4" socket head slotted machine screws and the four #10-32 hex nuts with lock washers. Install one of the straight fitting in the inlet adapter casting using Teflon thread sealing tape.



The oil passage hole in the hogshead can be started with a 1/2" drill but should be enlarged with a file or die grinder. You may want to drill a series of small holes around the perimeter of the area to be removed and then break out the remaining material in the large hole location.

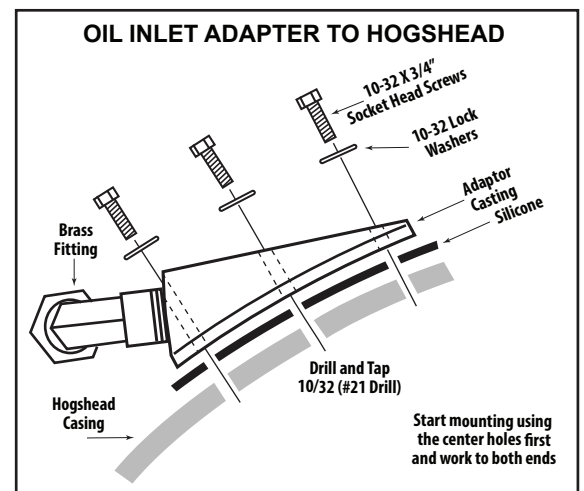
NOTE: Be sure to install the 90° Brass Elbow into the outlet casting with the flair end pointing toward the front of the engine before fastening the casting to the hogshead. If you do not, you will find that you are unable to install the elbow with the outlet casting bolted in place. Use Teflon thread sealing tape. Start mounting using the center holes first, work to both ends.

Install the outlet adapter assembly on the hogshead as shown in the diagram to the right using silicone sealant and put a small amount on the threads to seal the screw heads.

Now, install the hogshead onto your transmission as you would normally. After the hogshead is installed, hold the 3/8" OD Copper tubing with flare nuts in the approximate position between the two fittings. Bend the copper line as needed to achieve a proper fit. Be careful not to crimp the copper tubing. Don't forget, if your car has a starter that is not currently installed, the path of the oil line will need to clear the starter when it is installed.

Note: On a 1926-27 engine, you will not be able to install the steel strap on the left side of the hogshead. We do not feel this creates a problem, but if you are concerned, you may make a longer strap out of 1/8" x 1" steel.

When you are satisfied with your test fitting of the copper oil line, tighten the flair nuts to the fittings on the outlet and inlet castings and your High Volume Oil Line is complete. Enjoy driving your Model T knowing that you have the best lubrication system available.



Remember to check your engine oil level regularly. Make sure your pan bolts are snug and that the screws holding the Bendix cover on the transmission cover are tight. Even if your engine doesn't burn oil, an unexpected leak can develop in any Model T and you can use your oil in a short period of time.

INSTALLATION TEMPLATES

(Cut Out Templates On The Dotted Line)

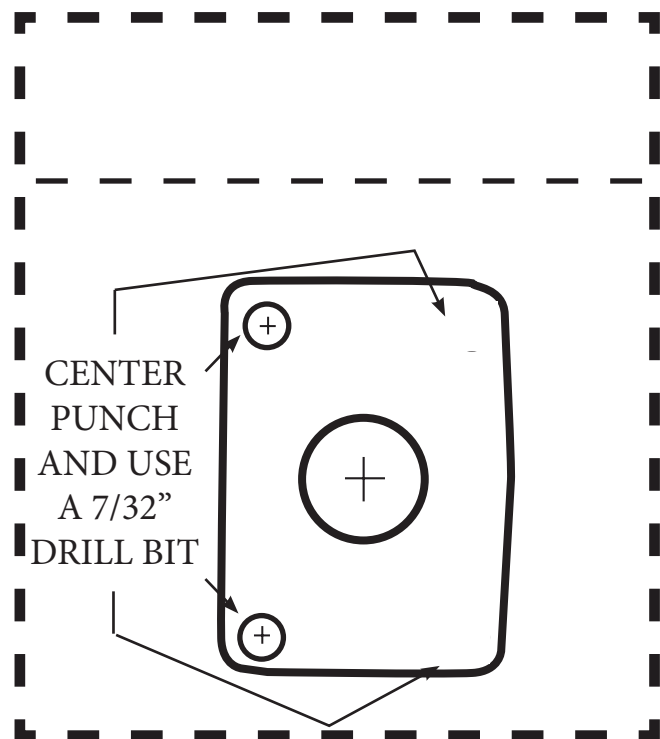
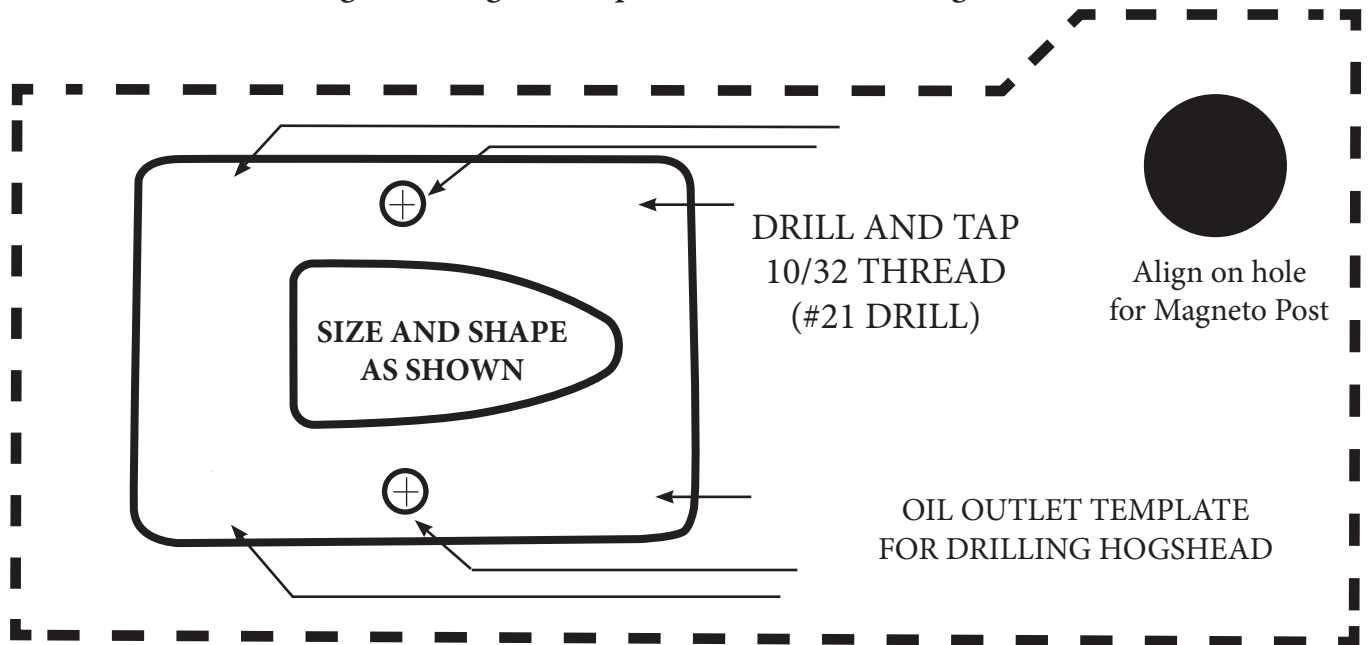
TIPS:

Use a hole saw or step drill to put the large hole in the oil pan.

The precise location is not critical. However, bolt holes should be carefully located.

Use the pattern below to locate castings.

Install the two bolts using the casting as a template to drill the remaining holes.



OIL INLET TEMPLATE FOR DRILLING OIL PAN

