## **AFFORDABLE OIL FILTER KIT #9510**



## **ANTIQUE AUTO PARTS**



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This unit requires the later style 29-31 outside oil return pipe.

## Contents

- Oil Filter
- Brass Nut
- Curved oil connection tube

- Oil return pipe gaskets
- Valve cover gasket
- Aluminum valve cover with steel nipple attached



Instructions:

- Step 1 Remove the existing oil return pipe and valve cover from the engine.
- Step 2 Remove any gasket material that may have stuck to the engine block, and clean the block surface to remove any foreign particles.
- Step 3 With brass end pointing down, insert the Curved oil connection tube into the main oil supply pipe opening which is located in the first oil dam in the valve chamber.



Step 4 Work the curved connection tube into the main oil supply hole until the tube can be rotated up to fit behind the exhaust valve boss. (Because some mian oil supplies vary slightly in size this might take a bit of work to get installed) At this point, the threaded brass opening of the curved oil connection tube should be pointing out of the engine. (second picture)





- Step 5 To ensure that all parts line up properly, first place the new aluminium valve cover in position without the gasket, If necessary align the connection tube with the valve cover opening. Do this by inserting either a ¼" drift or Phillips screwdriver into the brass end of the connection tube and apply pressure to center the curved oil connection tube in the top hole.
- Step 6 Remove the new aluminium valve cover and apply gasket sealer to the cover side of the gasket. Align and attach the gasket to the new aluminium valve cover, than reinstall the plate on the block like you did in step 5.
- Step 7 Slide the brass nut on the tube that stick through the upper hole in the new valve cover. Tighten the brass nut using a ½" nut driver. CAUTION: If the threads squeak then the threads are not lined up square on the curved oil connection tube, back the nut off and try again. There are no gaskets or "O" rings needed to make this an oil tight connectoin, and there is no need to over tighetn the brass nut. Tighten the ten 5/16 bolts for the valve cover to the block. Torque the bolts to 15-25 ft pounds.



- Step 8 Install the oil return pipe on the side of the block making sure to used the new gaskets included with the kit. Do not overtighten the bolts as you may cause damage to the oil return tube or the new valve cover plate.
- Step 9 Install the new oil filter that is provided and tighten the filter to the valve cover so it is snug. Check the oil level when you are all finished and top off the oil if it is needed.