



GM Small and Big Block Chevrolet Oil System Priming Tool

The AERA Technical Committee offers the following information regarding an oil system priming tool for small block and big block Chevrolet engines. This tool can be used to charge the oiling system prior to first-start of an assembled engine after rebuilding.

The preferred method of pressurizing an oiling system is a pressure pot that uses a container with the oil to be used inside it. One then fills the system with air pressure in the container and an oil line attached to the engine through the oil pressure sending unit port.

Some shops have found success using a tool like the one shown below which is available commercially at widespread locations. Using a tool like this helps the engine's oil pump circulate engine oil throughout the oiling system. First, filling the crankcase with the fresh oil to be used and fitting the tooling into the oil pump drive through the distributor mounting hole. Then, spin the oil pump over with a drill to rotate the gears within the oil pump body. It is helpful to slowly rotate the engine over by hand as soon as the oil starts flowing through the oil galleries and oil filter. Continue until you've noticed good oil flow through the system and all rocker arm balls have a puddle of oil in them.



Priming Tool