



OIL PRIMING PROCEDURES FOR 4-CYCLE MARINE ENGINES

IMPORTANT: After testing all remanufactured engines, the engine oil drains back into the pan and loses its lubrication value from the valve-train and cylinder walls. We **REQUIRE** the installer to perform an **“OIL PRIMING”** procedure prior to the engine initial startup to reduce the potential for premature bearing failure.

There are two different methods to prime an engine prior to ignition. Either can be used:

Method A – Utilizing proper engine oil Priming Tool.

Method B – Performed with Remote Starter Switch

METHOD A: (PREFERRED)

1. Fill engine crankcase to proper level with recommended marine engine oil.
2. Remove the complete distributor assembly.
3. Install the oil Priming Tool into distributor bore and onto the oil pump shaft.
4. Rotate the oil pump with an electric drill for approximately 2 minutes, or until oil pressure registers on an oil pressure gauge.
5. Remove the priming tool and re-install the distributor according to instructions outlined in a proper service manual.

METHOD B:

1. Fill engine crankcase to proper level with recommended marine engine oil.
2. Remove all spark plugs.
3. Disconnect the high-energy wire from the distributor and connect it to good ground.
4. Leave ignition key in the OFF position (IMPORTANT).
5. Connect one end of the Remote Starter Switch to the 12 Volt (RED) positive battery cable terminal and the other end to the smaller (YELLOW-RED) terminal on the starter motor.***
6. Crank the engine over for approximately 15-18 seconds. Let the starter motor cool down for 1 minute before cycling again. Repeat this process 6 (SIX) more times.
7. Remove the Remote Starter Switch. Re-connect the PUR wire to the ignition coil. ***
8. Install spark plugs and plug wires.
9. Start the engine with a good supply of cool water.

*** If you opt to use the ignition switch instead of the Remote Starter, disconnect the PUR wire from the coil before turning key. Cover the PUR wire with electrical tape to avoid possible ground.

Rev. 07/16