



Oil Sentry™ Switch Kit, PA-228514

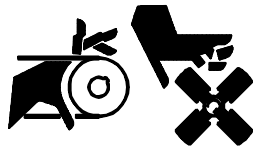
Safety Warnings

WARNING



ELECTRICAL SHOCK! Battery can cause electrical burns and shocks. Exercise reasonable care when working near the battery to avoid electrical connections through tools. Remove wristwatch, rings, and any other jewelry.

WARNING



UNINTENTIONAL STARTING! To prevent accidental starting, disconnect battery (remove negative lead first and reconnect it last), remove spark plug lead at spark plug.

WARNING



EXPLOSIVE BATTERY GASES! The gases generated by a battery being charged are highly explosive. Do not smoke or permit flame or spark to occur near a battery at any time, particularly when it is being charged. Avoid contacting terminals with tools, etc., to prevent burns and to prevent sparks that could cause an explosion. Remove wristwatch, rings, and any other jewelry before handling battery. To avoid sparks, do not disturb battery charger connections while battery is being charged and always turn charger off before disconnecting battery connections. When removing or reconnecting battery cables, make sure ignition switch is off.

Installation

1. Disconnect generator set starting battery (if equipped), negative (-) lead first.
2. Disconnect high-tension lead from spark plug, to prevent unintentional engine starting.
3. Drain oil from engine, by removing the oil drain plug from the carburetor side of the engine. The oil drain plug will not be re-used.
4. Connect 3-inch harness lead eyelet to a good, clean ground at an engine oil sump bolt.
5. Remove the engine blower housing to expose the start-stop switch. Connect 12-inch harness lead eyelet to the same start-stop switch terminal as the ignition module wire. Re-install the blower housing.
6. Install the Oil Sentry switch in the oil drain, following instructions in Section 8 of the single Cylinder MAGNUM Engine Service Manual, TP-2203.

Note

Final position for the installed Oil Sentry switch is shown in Figure 1.

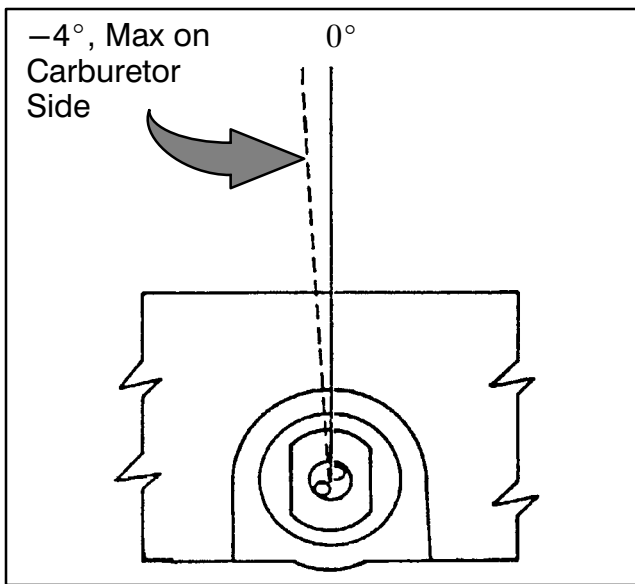


Figure 1. Oil Sentry Switch Installation

Caution

Installing the Oil Sentry switch, at angles exceeding the specified tolerances, could cause the connecting rod's oil dipper to strike the float. This could cause damage to the switch and/or connecting rod, and cause extensive engine damage.

7. Refill the crank case with oil of proper weight and rating.
8. Connect plug and receptacle, of in-line harness connector.
9. Reconnect generator set starting battery (if equipped), negative lead last.
10. Reconnect high-tension lead to spark plug.