

OPERATOR'S MANUAL

and MAINTENANCE INSTRUCTIONS for
TECUMSEH

MODEL HM80 HM90
 HM100 HHM80

HORIZONTAL CRANKSHAFT
AIR COOLED • FOUR-CYCLE ENGINE



THIS SYMBOL POINTS OUT IMPORTANT SAFETY INSTRUCTIONS WHICH IF NOT FOLLOWED COULD ENDANGER THE PERSONAL SAFETY AND/OR PROPERTY OF YOURSELF AND OTHERS. READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL AND ANY PROVIDED WITH THE EQUIPMENT ON WHICH THIS ENGINE IS USED BEFORE ATTEMPTING TO OPERATE YOUR TECUMSEH ENGINE.



THESE SYMBOLS MAY APPEAR ON THE ENGINE:



FAST



SLOW



STOP



OFF



CHOKE



FULL



California Proposition 65 WARNING: The engine exhaust from this product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

3-1-99 181-630-14

ENGINES WHICH ARE CERTIFIED TO COMPLY WITH CALIFORNIA AND U.S. EPA EMISSION REGULATIONS FOR VULGE ENGINES, are certified to operate on regular unleaded gasoline including the following emission-control systems: EM, TWC (if so equipped). Do not include any user adjustable features - therefore no other adjustments are needed.

OIL & FUEL RECOMMENDATIONS

TO OPERATE ENGINE, YOU WILL NEED THE FOLLOWING:

A CLEAN, HIGH QUALITY DETERGENT OIL.

Be sure original container is marked:

A.P.I. service "SFP" / "SLP".

FOR SUMMER (ABOVE 32°F; 0°C) USE SAE 30 OIL.

Tecumseh specially formulated oil is available at any Authorized Tecumseh Service Outlet. Order as part number 730025. Using multiple oil will increase oil consumption.

FOR WINTER (BELOW 32°F; 0°C) USE SAE 5W/30 OIL.

Tecumseh specially formulated oil is available at any Authorized Tecumseh Service Outlet. Order as part number 730025.

(SAE 10W is an acceptable substitute.)

(BELOW 0°F ONLY): SAE 0W/30 OIL is an acceptable substitute.

DO NOT USE SAE 10W40 OIL.

OIL SUMP CAPACITY:

Models HM80-80-100, HM90L70: 26 ounces
(1 U.S. U.S. pint)

Model HHM80: 34 ounces
(2 U.S. U.S. pints)

A FRESH, CLEAN, UNLEADED REGULAR, UNLEADED PREMIUM, OR REFORMULATED AUTOMOTIVE GASOLINE ONLY. DO NOT USE LEADED GASOLINE.

NOTE: DO NOT USE GASOLINE CONTAINING METHANOL (WOOD ALCOHOL). Gasoline containing up to 10% ethanol or grain alcohol ("Gasohol") may be used but requires special care when engine is unused for extended periods. See "STORAGE" instructions on Page 5.

NOTE: Use clean oil and fuel and store in approved, clean, covered containers. Use clean fill funnels.

Never use "stale" gasoline left over from last season or stored for long periods.

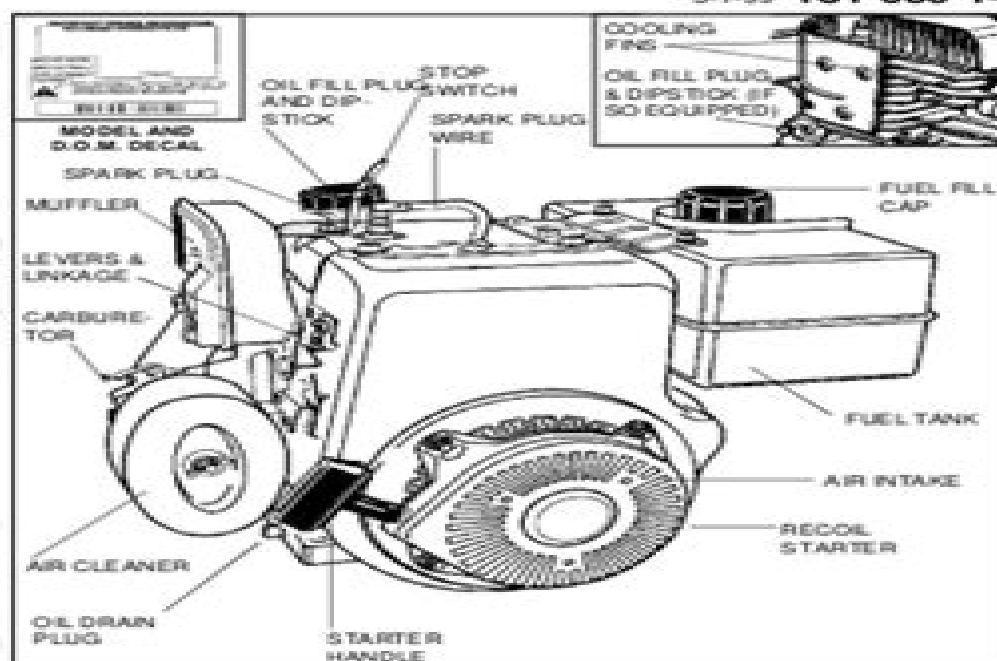


Figure 1

181-630-14

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Manual For Tecumseh Engines:

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