



REGULAR SERVICE PERIOD (1) Perform at every indicated month or operating hour interval, whichever comes first.		Each Use	First Month or 10 Hrs.	Every 3 Months or 25 Hrs.	Every 6 Months or 50 Hrs.	Every Year or 100 Hrs.	Every 2 Years or 300 Hrs.
ITEM							
Engine oil	A B C	●	●	● (3)			
Air cleaner	D	●	● (2)				
Spark plug	E				●		●
Spark arrester (applicable types)	F G				● (5)		
Idle speed	H				● (4)		
Valve clearance	I J						● (4)
Combustion chamber	K		After every 300 Hrs. (4)				
Fuel tank and filter	L					● (4)	
Fuel tube			Every 2 years (Replace if necessary) (4)				

- (1) For commercial use, log hours of operation to determine proper maintenance intervals.
 (2) Service more frequently when used in dusty areas.
 (3) Change engine oil every 25 hours when used under heavy load or in high ambient temperatures.
 (4) These items should be serviced by your Honda servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to the Honda shop manual for servicing procedures.
 (5) In Europe and other countries where the machinery directive 2006/42/EC is enforced, this cleaning should be done by your servicing dealer.

A OIL FILLER CAP/DIPSTICK

Insert the oil filler cap/dipstick into the oil filler neck, but do not screw it in, then remove it to check the oil level.

B OIL FILLER CAP/DIPSTICK

Allow the used oil to drain completely, then reinstall the oil drain plug and a new washer, and tighten the oil drain plug securely.

C

Engine oil capacity: **0.25 l (0.26 US qt)**
 Recommended oil: SAE 10W-30
 API service classification: SJ or later

D AIR CLEANER BODY

Clean the filter element in warm soapy water, rinse, and allow to dry thoroughly. Or clean in non-flammable solvent and allow to dry. Dip the filter element in clean engine oil, then squeeze out all excess oil. The engine will smoke when started if too much oil is left in the element. Wipe dirt from the air cleaner body and cover, using a moist rag. Be careful to prevent dirt from entering the carburetor.

E SIDE ELECTRODE

Measure the spark plug electrode gap with a wire-type feeler gauge. Correct the gap, if necessary, by carefully bending the side electrode.
 Recommended spark plug:
 CR5HSB (NGK)
 U16FSR-UB (DENSO)

F MUFFLER

5 mm BOLTS (3)

G SPARK ARRESTER SCREEN

BRUSH

Be careful not to damage the screen. Replace the spark arrester if it has breaks or holes.

H THROTTLE STOP SCREW

Standard idle speed: **2,500 ± 200 rpm**

- On some applications the engine speed is fixed and does not idle.
- The standard idle speed may be different depending on the application. Refer to the equipment manufacturer's instructions for specific idle speed setting.

I

Pull the recoil starter rope and set the piston at top dead center of the compression stroke. (Align the cutout in the flywheel fin or the boss on the flywheel with the alignment mark "Δ" on the fan cover.)
 • If the exhaust side opens when the cutout in the flywheel fin is in line with the alignment mark, turn the recoil starter pulley one turn and align the marks.

ALIGNMENT MARK
 CUTOUT
 BOSS

J LOCK NUT

ADJUSTING SCREW
 ROCKER ARM
 FEELER GAUGE

Standard valve clearance: **0.08 ± 0.02 mm (IN)**
0.11 ± 0.02 mm (EX)

K CLEANING BRUSH 07998-VA20100

THICK PAPER OR EQUIVALENT
 ELECTRICAL DRILL

Do not press the cleaning brush with force against the combustion chamber.

L FUEL TANK

FUEL FILTER
 FUEL TUBE

- Clean the fuel tank with cleaning solvent, and allow the fuel tank to dry thoroughly.
- Remove the clogged foreign material from the fuel filter, and check the fuel filter for damage.
- Check the fuel tube for deterioration, cracks or signs of leakage.