



REGULAR SERVICE PERIOD (3) Perform at every indicated month or operating hour interval, whichever comes first.		Each Use	First Month or 20 Hrs.	Every 3 Months or 50 Hrs.	Every 6 Months or 100 Hrs.	Every Year or 200 Hrs.
ITEM						
Engine oil	A B	Check level Change	●	●	●	
Air cleaner	C D	Check Clean Replace	●	● (1)		● (*)
Spark plug	E	Check-adjust Replace			●	●
Spark arrester (applicable types)	F G	Clean			● (4)	
Idle speed	H	Check-adjust				● (2)
Valve clearance	I J K	Check-adjust				● (2)
Combustion chamber		Clean		After every 250 Hrs. (2)		
Fuel tank and filter		Clean				● (2)
Fuel tube	L	Check		Every 2 years (Replace if necessary) (2)		

(*) Replace paper element type only.

(1) Service more frequently when used in dusty areas.

(2) 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.

(3) For commercial use, log hours of operation to determine proper maintenance intervals.

(4) In Europe and other countries where the machinery directive 2006/42/EC is enforced, this cleaning should be done by your servicing dealer.

A

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

Engine oil capacity: **1.1 L (1.16 US qt)**
Recommended oil: SAE 10W-30
API service classification: SJ or later

C

D

Paper air filter element:
Tap the filter element several times on a hard surface to remove dirt, or blow compressed air (not exceeding 207 kPa <math><2.1 \text{ kgf/cm}^2, 30 \text{ psi}></math>) through the filter element from the inside. Never try to brush off dirt; brushing will force dirt into the fibers.

Foam air filter element:
Clean 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.

E

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: BPR5ES (NGK)

F

G

SPARK ARRESTER SCREEN

BRUSH

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

H

Specified idle speed: **1,400 ± 150 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

<RECOIL STARTER EQUIPPED TYPES>

<TYPES WITHOUT RECOIL STARTER>

Turn the crankshaft and set the piston at top dead center of the compression stroke (both valves fully closed). The storage mark on the starter pulley will align with the align mark on the fan cover when the piston is at top dead center of the compression stroke or exhaust stroke.

J

Valve clearance inspection and adjustment must be performed with the engine cold.

K

- To increase valve clearance: screw out.
- To decrease valve clearance: screw in.

Standard valve clearance: **0.15 mm ± 0.02 mm (IN)**
0.20 mm ± 0.02 mm (EX)

L

- Clean the fuel tank with non-flammable solvent, and allow the fuel tank to dry thoroughly.
- Clean the fuel filter with non-flammable solvent. Inspect the fuel filter to be sure it is undamaged.
- Inspect for cracks or deterioration before installing and replace if necessary.