



REGULAR SERVICE PERIOD (2) Perform at every indicated month or operating hour interval, whichever comes first.	ITEM	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.
Engine oil	A B C Check level	●					
	Change		●		●		
Air cleaner	D Check	●					
	Clean			● (1)			
Spark plug	E Check-adjust					●	
	Replace						●
Timing belt	Check			After every 300 hrs. (3) (4)			
Spark arrester (applicable types)	F Clean					● (5)	
Engine cooling fins	Check				●		
Nuts, bolts, fasteners	Check, and retighten if necessary	●					
Clutch shoes	G Check				● (4)		
Idle speed	H Check-adjust					● (4)	
Valve clearance	I J Check-adjust					● (4)	
Combustion chamber	K Clean			After every 300 hrs. (4)			
Fuel tank	L Clean					●	
Fuel filter	M Clean					●	
Fuel tube	N Check			Every 2 years (Replace if necessary) (4)			
Oil tube	Check			Every 2 years (Replace if necessary) (4)			

(1) Service more frequently when used in dusty areas. (2) For commercial use, log hours of operation to determine proper maintenance intervals.
 (3) Check that there are no cracks or abnormal wear in the belt, and replace if it is abnormal.
 (4) These items should be serviced by your servicing dealer, unless you have the proper tools and are mechanically proficient. Refer to 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.

G Standard: **2.0 mm**
Service limit: **1.0 mm**

Measure the thickness at the center of the clutch lining.

H THROTTLE STOP SCREW

Standard idle speed: **3,100 ± 200 rpm**

The standard idle speed may be different depending on the application. Refer to the equipment manufacturer's instructions for specific idle speed setting.

I ALIGNMENT MARK

CYLINDER HEAD CENTER

Set the piston at top dead center of the compression stroke.

J ADJUSTING SCREW

ADJUSTING SCREW
FEELER GAUGE
LOCK NUT

Standard valve clearance:
0.06 mm - 0.10 mm (IN)
0.09 mm - 0.13 mm (EX)

A OIL FILLER CAP/DIPSTICK

OIL FILLER NECK

Slowly add enough oil to fill to the bottom edge of the oil filler neck as shown.

B

CONTAINER

Remove the oil filler cap. Tilt the engine toward the oil filler cap side and drain the used oil into a suitable container.

C SAE Viscosity Grades

Engine oil capacity: **100 cc**
Honda recommends that you use API service category SF or later.

K ELECTRIC DRILL
CLEANING BRUSH

Use thick paper or equivalent to protect the cylinder.

- Do not use excessive force to remove carbon from the aluminum head.
- Do not allow the cleaning brush to contact the cylinder wall.

L FUEL TUBE
FUEL FILTER

FUEL TANK

Wash inside the fuel tank with nonflammable solvent to remove any foreign material and water from the tank.

D AIR CLEANER ELEMENT

SQUEEZE THOROUGHLY

NONFLAMMABLE SOLVENT
ENGINE OIL

Operating the engine without an air cleaner element will allow dirt to enter the engine, causing rapid engine wear.

E GAP: **0.6 - 0.7 mm**

SIDE ELECTRODE

Measure the plug gap with a wire-type feeler gauge. If necessary, adjust the gap by bending the side electrode.

Standard spark plug: CMR5H (NGK)

F

4 x 6 mm TAPPING SCREW
SPARK ARRESTER SCREEN
WIRE BRUSH

M

Clean the fuel filter with nonflammable solvent and allow it to dry thoroughly. Replace the fuel filter if it is contaminated.

N FUEL TUBE
FUEL RETURN TUBE
FUEL FILTER

Inspect for cracks or deterioration before installation and replace if necessary. Verify that the tube is not bent in the tank.