



REGULAR SERVICE PERIOD (1) 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 C	Check level	●			
		Change		●	●	
Air cleaner	D E	Check	●			
		Clean		● (2)		
		Replace				● (2)
Spark plug	F	Check-adjust			●	
		Replace				●
Timing belt	G	Check	After every 300 hrs. (3) (4)			
Spark arrester (applicable types)	H	Clean			● (5)	
Idle speed	I	Check-adjust				● (4)
Combustion chamber	J	Clean	After every 300 hrs. (4)			
Valve clearance	K L	Check-adjust				● (4)
Fuel tank and filter	M N	Clean			● (4)	
Fuel tube	N	Check	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) 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.

**A**

OIL FILLER CAP/ DIPSTICK

UPPER LIMIT

LOWER LIMIT

Insert the dipstick in the oil filter neck, but do not screw it in. Remove the dipstick and check the oil level.

**B**

SEALING WASHER

OIL DRAIN BOLT

CONTAINER

Drain the used engine oil while the engine is warm. Warm oil drains quickly and completely.

**C**

SAE Viscosity Grades

API service category: SE or higher

Engine oil capacity: 0.28 Liter

**D**

FOAM ELEMENT

WASH

DRY

Clean in nonflammable solvent or warm soapy water.

Do not put oil on the foam element.

**E**

PAPER ELEMENT

Tap the element several times on a hard surface to remove dirt, or blow compressed air (not exceeding 206 kPa <2.1 kgf/cm², 30 psi>) through the element from the clean side that faces the engine.

**F**

0.6 - 0.7 mm

SIDE ELECTRODE

Measure the plug gap with a wire-type feeler gauge. If the measurement is out of specification, adjust by bending the side electrode.

Recommended spark plug: CR5HSB (NGK)  
U16FSR-UB (DENSO)

**G**

TIMING BELT

Check that the belt is not worn or cracked, and do not bend or twist the belt.

**H**

MUFFLER

MUFFLER PROTECTOR

Use a plastic hammer to loosen carbon deposits from the muffler, and then remove carbon deposits from muffler.

**I**

THROTTLE STOP SCREW

Floatless type:

Standard idle speed: 1,850 ± 150 rpm

Start the engine and allow it to warm up to normal operating temperature. With the engine idling, turn the throttle stop screw to obtain the standard idle speed.

**J**

CLEANING BRUSH

ELECTRIC DRILL

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.

**K**

MARK

STARTER PULLEY

LOWER HOLE

CUTOUT

FAN COVER

Set the piston at top dead center of the compression stroke (both valves fully closed).

**L**

VALVE ADJUSTING WRENCH, 3 mm

FEELER GAUGE

VALVE ADJUSTING SCREW

VALVE ADJUSTING LOCK NUT

Valve clearance: 0.15 mm ± 0.04 mm (IN)  
0.20 mm ± 0.04 mm (EX)

**M**

VALVE ADJUSTING SCREW

VALVE STEM

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

**N**

FUEL FILTER

Clean the filter with nonflammable solvent. (Replace if necessary)

FUEL TANK

Clean the fuel tank with nonflammable solvent, and allow the fuel tank to dry thoroughly.

FUEL TUBE

Check the fuel tube for deterioration, cracks, or signs of leakage.