



| 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 300 hrs. |
|---|---------|----------|------------------------|--|----------------------------|------------------------|
| ITEM | | | | | | |
| Engine oil | A B | ● | ● | | ● | |
| Reduction case oil (applicable types) | C | ● | ● | | ● | |
| Air cleaner | D E F G | ● | | ● (2) | | |
| | | ● | | | | ● (3) |
| Sediment cup | | | | | ● | |
| Spark plug | H | | | | ● | |
| | | | | | | ● |
| Spark arrester (applicable types) | | | | | ● (5) | |
| Idle speed | I | | | | | ● (4) |
| Valve clearance | J K | | | | | ● (4) |
| Combustion chamber | L | | | After every 500 hrs. (4) | | |
| Fuel tank and filter | M | | | | ● (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) Replace paper element type only.
 (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.

F FOAM ELEMENT

NONFLAMMABLE SOLVENT → ENGINE OIL

SQUEEZE THOROUGHLY

Excess oil will restrict air flow through the foam element and may transfer to the paper element, soaking and clogging it.

G <OIL BATH TYPE>

FOAM ELEMENT Refer to the cleaning of foam element.

AIR CLEANER CASE

OIL LEVEL

Fill the air cleaner case to the level mark with the same oil that is recommended for the engine.
 Air cleaner oil capacity: **60 cm³ (2.0 US oz)**

H GAP: **0.7 - 0.8 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:
 BP6ES, BPR6ES (NGK)
 W20EP-U, W20EPR-U (DENSO)

I

THROTTLE STOP SCREW

Standard 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.

A

OIL FILLER CAP/DIPSTICK

UPPER LIMIT

CONTAINER

OIL DRAIN BOLT

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

B SAE Viscosity Grades

0 20 40 60 80 100°F

-20 -10 0 10 20 30 40°C

AMBIENT TEMPERATURE

Engine oil capacity: **0.56 ℓ (GX120)**
0.58 ℓ (GX160), 0.6 ℓ (GX200)
 Recommended oil: SAE 10W-30
 API service category: SE or later

C 1/2 REDUCTION (CENTRIFUGAL CLUTCH TYPE)

OIL FILLER CAP/DIPSTICK

Oil capacity: **0.5 ℓ**

OIL DRAIN BOLT

DIPSTICK

Use the same oil as used in the engine.

UPPER LIMIT

1/6 REDUCTION FILLER BOLT

OIL LEVEL BOLT

Oil capacity: **0.15 ℓ**

J

TOP HOLE

ALIGN

TRIANGLE MARK

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

K FEELER GAUGE

ROCKER ARM

ROCKER ARM PIVOT LOCK NUT

ROCKER ARM PIVOT

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

D <DUAL ELEMENT TYPE>

PAPER ELEMENT

FOAM ELEMENT Refer to the cleaning of foam element.

<CYCLONE TYPE>

Remove the cyclone housing and air guide. Wash the parts with water, dry them thoroughly, and reassemble them.

FOAM ELEMENT Refer to the cleaning of foam element.

PAPER ELEMENT

AIR GUIDE

CYCLONE HOUSING

Paper element: Tap the element lightly several times on a hard surface to remove dirt, or blow compressed air (not exceeding 207 kPa, 2.1 kgf/cm², 30 psi) through the element from the inside. Never try to brush off dirt; brushing will force dirt into the paper fibers.

E <LOW PROFILE TYPE>

AIR FILTER ELEMENT

Wash the element in a solution of household detergent and warm water, then rinse thoroughly, or wash in nonflammable or high flash point solvent. Allow the element to dry thoroughly. Soak the air filter element in clean engine oil and squeeze out the excess oil.

L

WIRE BRUSH

Remove any carbon deposits from the combustion chamber using a soft wire brush.

M

O-RING

FUEL FILTER

FUEL FILTER JOINT NUT

FUEL TUBE

Inspect for cracks or deterioration and replace if necessary.

- Clean the fuel tank with nonflammable solvent and allow the fuel tank to dry thoroughly.
- Clean the filter with nonflammable solvent. Inspect the fuel filter to be sure it is undamaged.