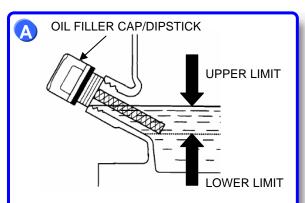
HONDA

GC135 · GC160 · GC190 · GS190 Maintenance Information

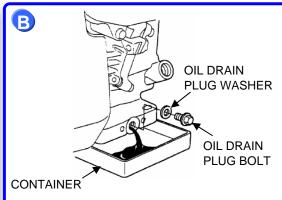


REGULAR SERVICE PERIOD (1) Perform at every indicated month or operating hour interval, whichever comes first. ITEM		Each use	First month or 5 hrs.	Every 3 months or 25 hrs.	Every 6 months or 50 hrs.	Every year or 100 hrs.	Every 2 years or 250 hrs.
Engine oil A B C	Check level	•					
	Change		•		• (2)		
Air cleaner D	Check	•			Ì		
	Clean			• (3)			
	Replace						•
Timing belt E	Check	After every 250 hrs. (4) (5)					
Spark plug	Check-adjust					•	
	Replace						•
Spark arrester	Clean					• (*)	
(applicable types)							
Idle speed H	Check-adjust					(5)	
Valve clearance I J K	Check-adjust					(5)	
Combustion chamber L	Clean	After every 250 hrs. (5)					
Fuel tank and filter M	Clean					(5)	
Fuel tube N	Check	Every 2 years (Replace if necessary) (5)					

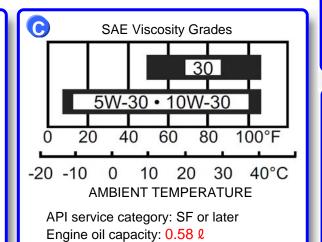
- (1) For commercial use, log hours of operation to determine proper maintenance intervals.
- (2) Change engine oil every 25 hours when used under heavy load or in high ambient temperature.
- (3) Service more frequently when used in dusty areas. (4) Check that there are no cracks or abnormal wear in the belt, and replace it if necessary.
- (5) 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.
- (*) In Europe and other countries where the machinery directive 2006/42/EC is enforced, this cleaning should be done by your servicing dealer.

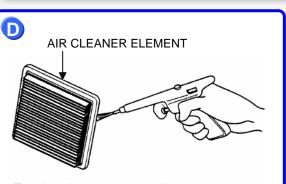


Insert the dipstick in the oil filter neck, but do not screw it in. Remove the dipstick and check the oil level.

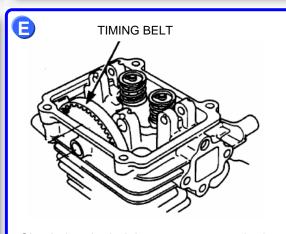


Drain the used engine oil while the engine is warm. Warm oil drains quickly and completely.

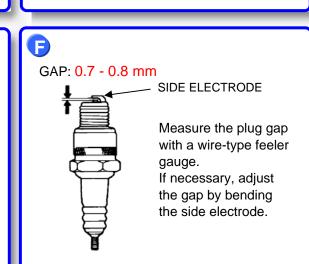




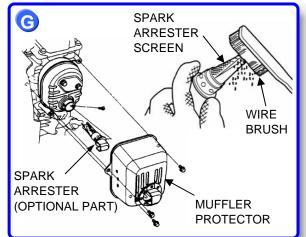
Tap the element several times on a hard surface to remove dirt, or blow compressed air (not exceeding 207 kPa <2.1 kgf/cm², 30 psi>) through the element from the clean side that faces the engine.

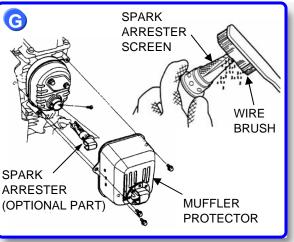


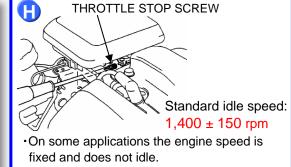
Check that the belt is not worn or cracked, and do not bend or twist the belt.



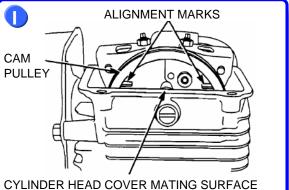
Standard spark plug: BPR6ES (NGK)



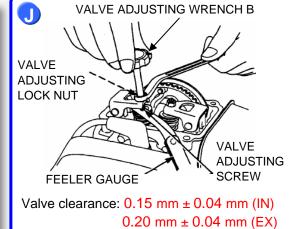


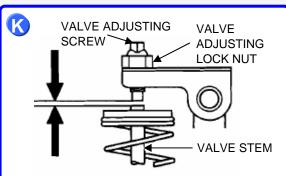


- The standard idle speed may be different depending on the application.
- Refer to the equipment manufacturer's instructions for specific idle speed setting

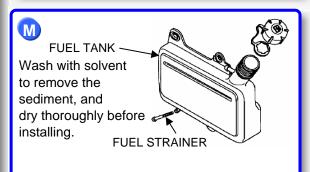


Set the piston at top dead center of the compression stroke (both valves fully closed).





- •To increase valve clearance, screw out. •To decrease valve clearance, screw in.
- **CLEANING** BRUSH Use thick paper or equivalent to protect the cylinder. **ELECTRIC DRILL**
- Do not use excessive force to remove carbon from the aluminum head.
- Do not allow the cleaning brush to contact the cylinder wall.



Clean the strainer with nonflammable solvent, and check to be sure the strainer screen is undamaged.

