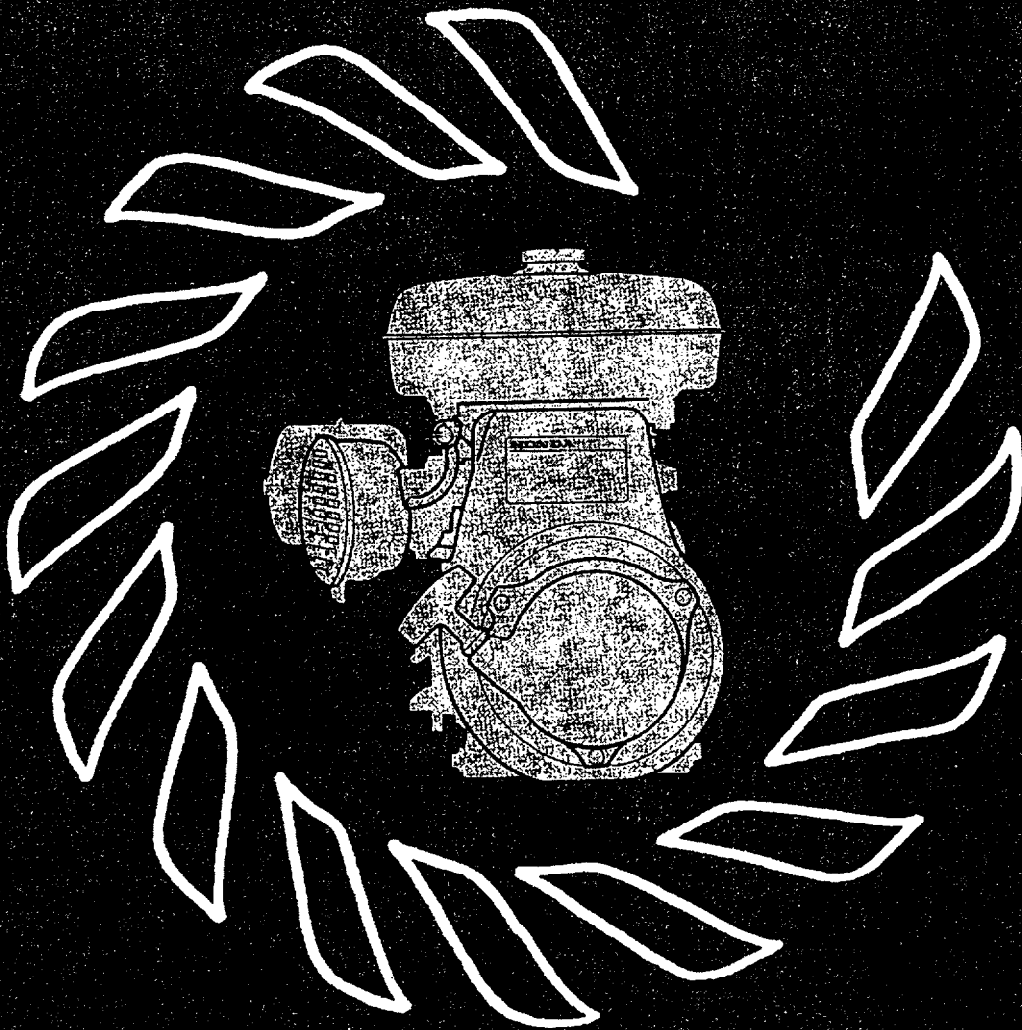


HONDA

G150/G200

GENERAL PURPOSE ENGINE



FOR SAFE OPERATION

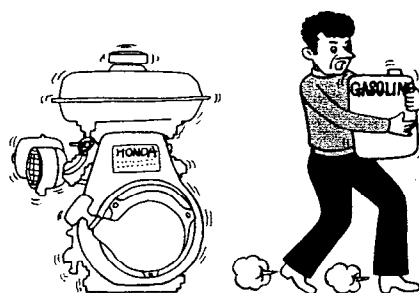
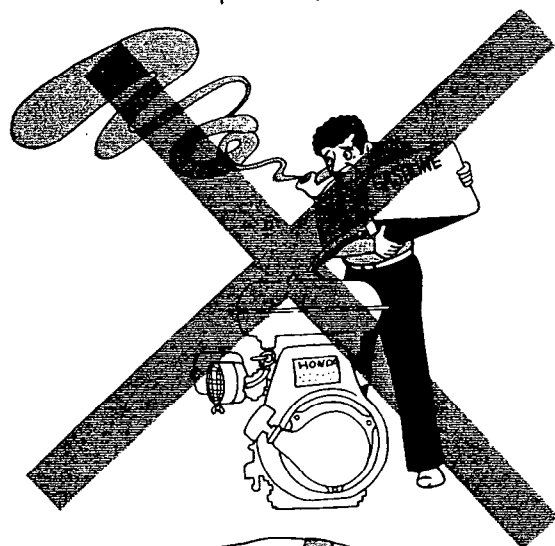
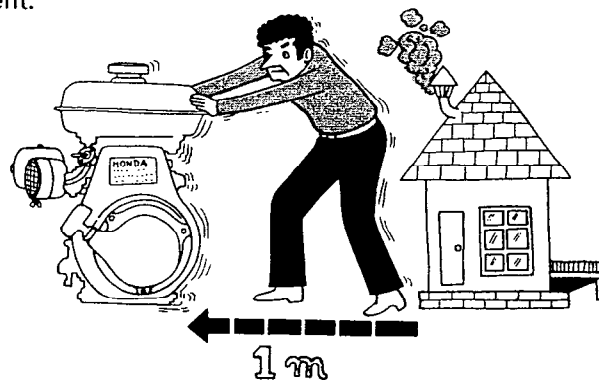
- ★ Keep the engine at least 3 ft. away from building or other equipment during operation.
- ★ Do not place flammable objects, such as, gasoline, matches, etc., close to the engine while it is running.

WARNING: ★ Gasoline is flammable and explosive under certain conditions.

- ★ Always stop the engine and do not smoke or allow open flames or sparks near the engine when refueling.
 - ★ Do not overfill the tank. There should be no fuel in the filler neck.
 - ★ If fuel is spilled, wipe it off completely before starting.
 - ★ Make sure that the filler cap is closed securely.
- ★ Operate the engine only on a level surface, otherwise fuel may spill from the fuel tank and engine lubrication may not be sufficient.
 - ★ This engine is not equipped with a spark arrestor.

Operation on forest, brush, or grass covered land may be illegal in some states.

Check local laws and regulation before operation.

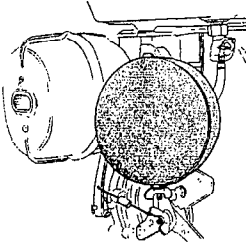
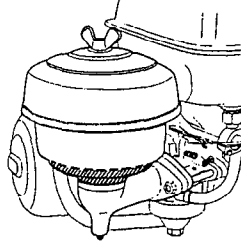


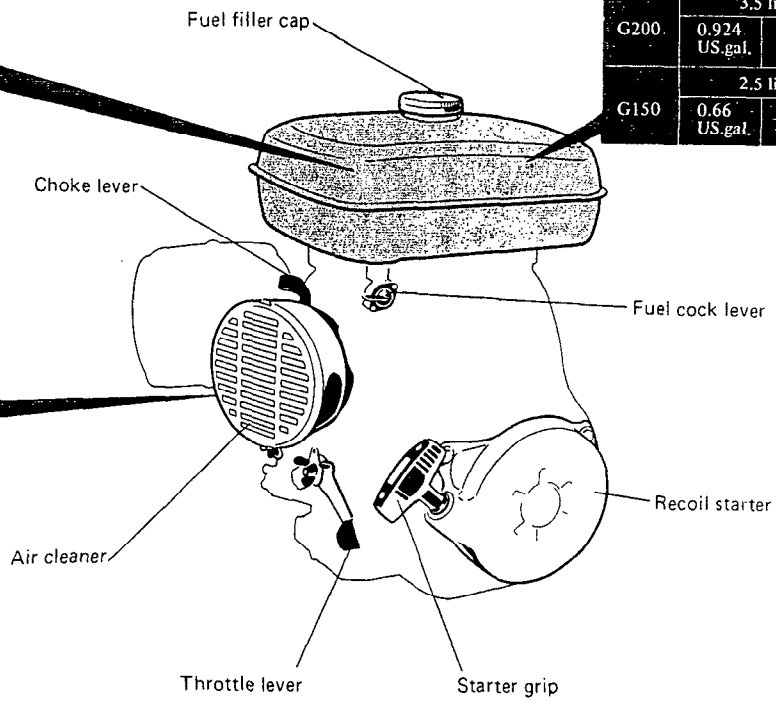
- WARNING:** ★ Exhaust contains poisonous carbon monoxide gas.
- ★ Avoid inhalation of exhaust gases.
 - ★ Never run engine in a closed garage or confined area.

PRE-OPERATION CHECK

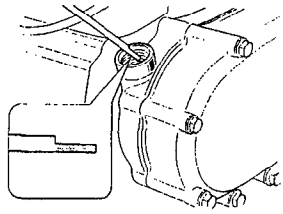
Fill fuel tank.
 ★ Use low or non-lead gasoline.

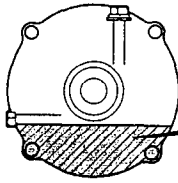
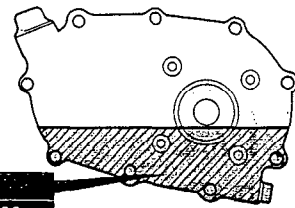
| | | |
|------|------------------|------------------|
| | 3.5 lit. | |
| G200 | 0.924 US.gal. | 0.77 Imp.gal. |
| | 2.5 lit. | |
| G150 | 0.66 US.gal. | 0.55 Imp.gal. |

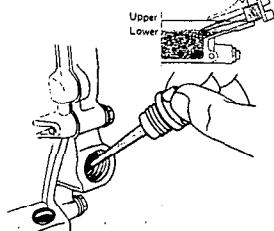
| | |
|---|---|
| Semi dry type | Wet type |
|  |  |
| Check cleaner for dirt or obstruction of element. | Check oil level and condition. |



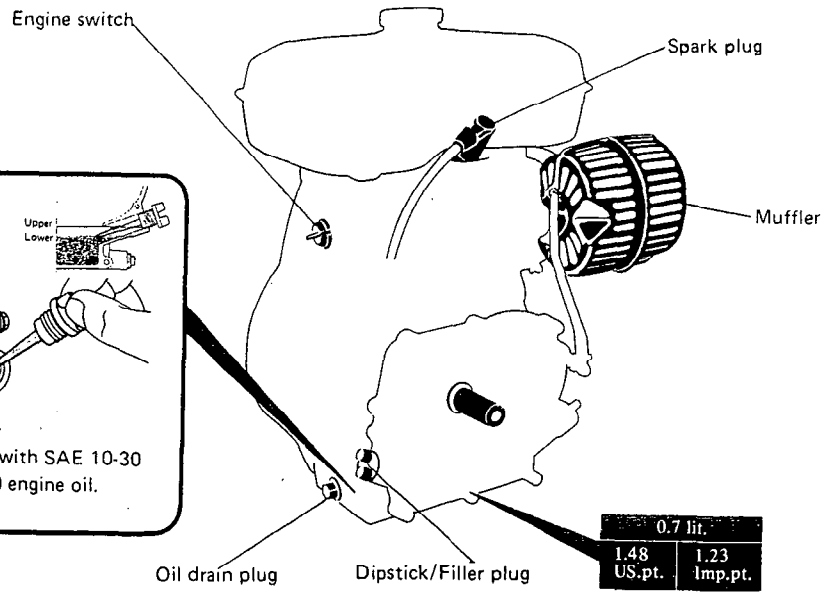
Check reduction gear oil level.



| | | |
|---|----------------|-----------------|
| 1/6 | 0.15 lit. | |
|  | 0.31 US.pt. | 0.26 Imp.pt. |
| 1/2 | 0.5 lit. | |
|  | 1.06 US.pt. | 0.88 Imp.pt. |



Fill sump with SAE 10-30 or 10W-40 engine oil.

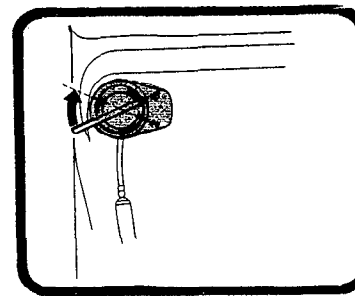


| | | |
|--|----------------|-----------------|
| | 0.7 lit. | |
| | 1.48 US.pt. | 1.23 Imp.pt. |

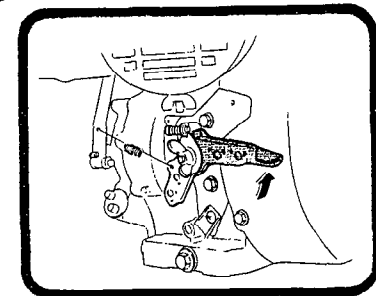
STARTING



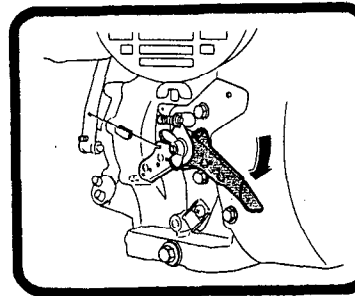
Turn fuel cock "ON".



Turn engine switch "ON".



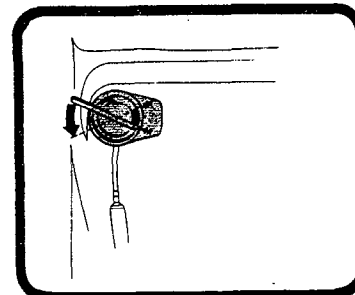
Raise throttle lever slightly.



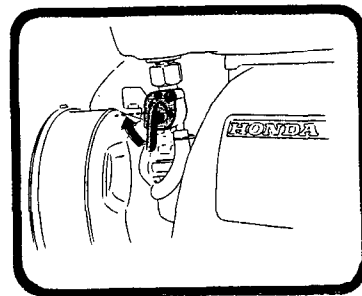
Move throttle lever down fully.



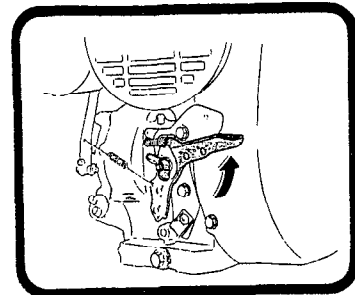
Close choke lever.



Turn engine switch "OFF".

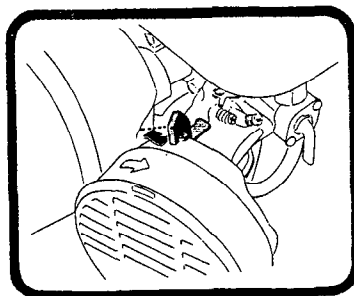


Turn fuel cock "OFF".

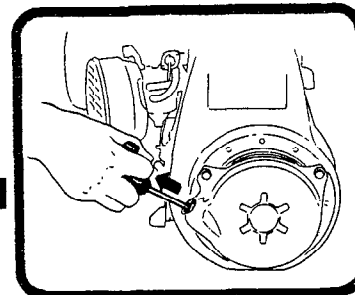


Set throttle by tightening thumb screw at desired speed.

RUNNING



As engine warms up, open choke lever gradually.



Pull starter grip briskly, and return it slowly.

STOPPING

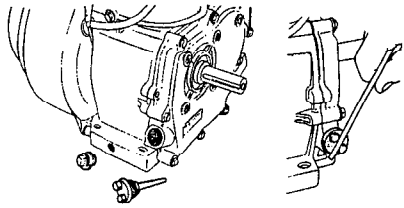


MAINTENANCE

Shut the engine off before performing any maintenance.

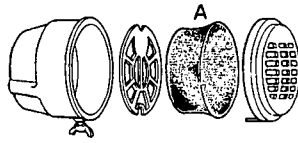
First 20 Hrs. operating

CHANGE ENGINE OIL AND REDUCTION GEAR OIL



After hand tightening oil filler cap, tighten with a lever.

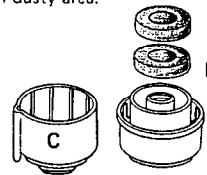
CLEAN AIRCLEANER ELEMENT



★ Wash part "A" (element) in cleaning solvent, after drying, soak in oil and squeeze out the excess.

Every 50 Hrs. operating

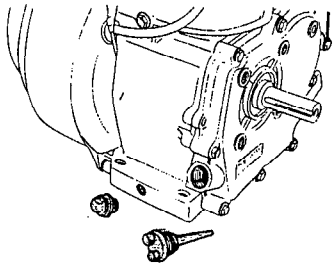
★ Clean more frequently if operating in dusty area.



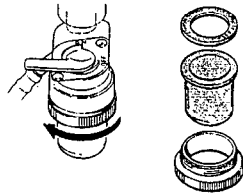
★ Wash "B" and "C" in cleaning solvent, after drying, refill with clean engine oil up to oil level mark.

Every 100 Hrs. operating

CHANGE ENGINE OIL

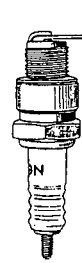


CLEAN FUEL STRAINER



CLEAN SPARK PLUG AND CHECK GAP

★ Wash removed parts in solvent, dry them thoroughly and install securely.



0.6 – 0.7 mm
(.024 – .027 in.)

CDI type

0.9 – 1.0 mm
(.035 – .040 in.)

Use NGK B-4H or BR-4HS

CDI type

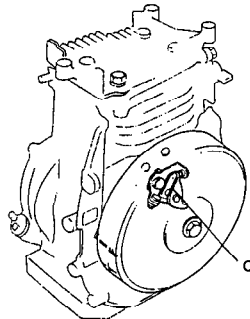
Use NGK BP-4HS or BPR-4HS

ADJUSTMENT

The following adjustments should be performed by your Honda general purpose engine dealer.

ADJUST IGNITION TIMING

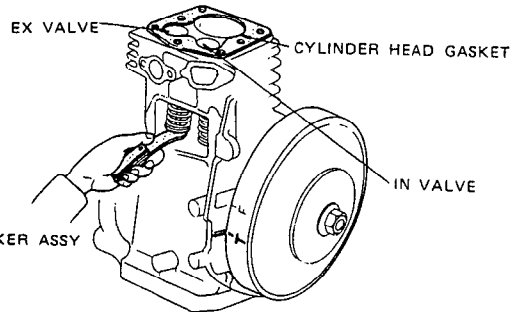
- ★ Adjust contact breaker points so that they just start to open, when "F" mark on flywheel aligns with the mark on crankcase.
- ★ IGNITION TIMING: 20° BTDC.



CONTACT BREAKER ASSY

ADJUST TAPPET CLEARANCE

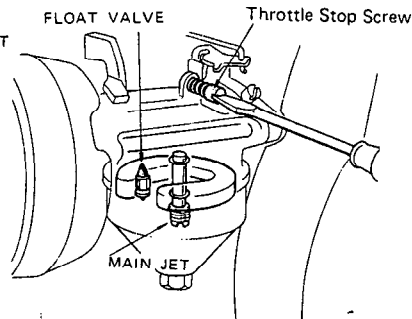
- ★ Measure at TDC on compression stroke when engine is cold.
- ★ STANDARD: 0.04–0.12mm (.0016–.0047 in.)
- ★ If the clearance is less than the standard limit, grind valve stem or replace valve.



ADJUST CARBURETOR SCREWS

- ★ Start engine and adjust idling speed by turning throttle stop screw.

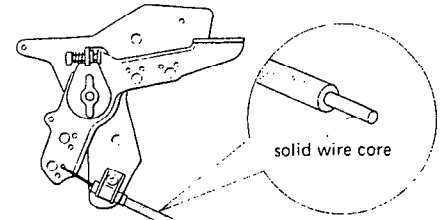
| |
|--------------------|
| Rated idling speed |
| 1,400 rpm. ±100 |



INSTALLION

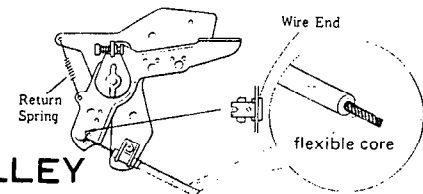
THROTTLE CONTROL

The throttle control can mount from either direction shown when a solid wire throttle cable is used. Make sure the throttle operates smoothly through its entire range.

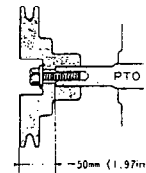


Throttle Control Lever

Return Spring and Wire End for flexible core cable (Optional part).

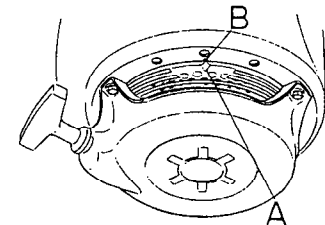


PULLEY



- ★ Attach pulley to shaft as shown.
- ★ Do not hammer when removing.

BEFORE EXTENDED STORING



- ★ Pull the recoil starter rope until it is hard to turn and then align mark "A" with the mark "B".
- ★ Drain gasoline from fuel tank and carburetor.
- ★ Change engine oil and reduction gear oil.
- ★ Cover engine with plastic sheet.
- ★ Store in a dry, dust-free area.

CHECK FUEL TUBE

- ★ Check fuel tube for cracks or leaks every 300 hours. Replace, if necessary.

CDI Type can not be adjusted.

SPECIFICATIONS

| | G150 | G200 |
|------------------------------------|---------------------|-------------|
| Cycle, valve arrangement | 4 cycle, side valve | |
| Displacement cc (cu. in.) | 144 (8.8) | 197 (12.0) |
| Max. output hp/rpm | 3.5/3.600 | 5.0/3.600 |
| Max. torque kg-m (lbs-ft) | 0.72 (5.2) | 1.06 (7.7) |
| Fuel consumption g/hp-h (lbs/hp-h) | 310 (0.64) | 210 (0.626) |
| PTO shaft rotation | Counterclockwise | |
| Dry weight kg (lbs) | 13.5 (29.8) | 15.0 (33.1) |

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Current customer service contact information:

Serviceing dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager, General Manager, or Owner can help. Almost all problems are solved in this way.

United States, Puerto Rico, and U.S. Virgin Islands:

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Regional Engine Distributor for your area (www.honda-engines.com/dea.htm).

If you are still dissatisfied after speaking with the Regional Engine Distributor, you may contact the Honda Office as shown.

American Honda Motor Co., Inc.
Power Equipment Division
Customer Relations Office
4900 Marconi Drive
Alpharetta, GA 30005-8847

Or telephone: (770) 497-6400 M-F, 8:30 am - 7:00 pm EST

When you write or call, please provide the following information:

- Equipment manufacturer's name and model number that the engine is mounted on
- Engine model, serial number, and type
- Name of the dealer who sold the engine to you
- Name, address, and contact person of the dealer who services your engine
- Date of purchase
- Your name, address, and telephone number
- A detailed description of the problem