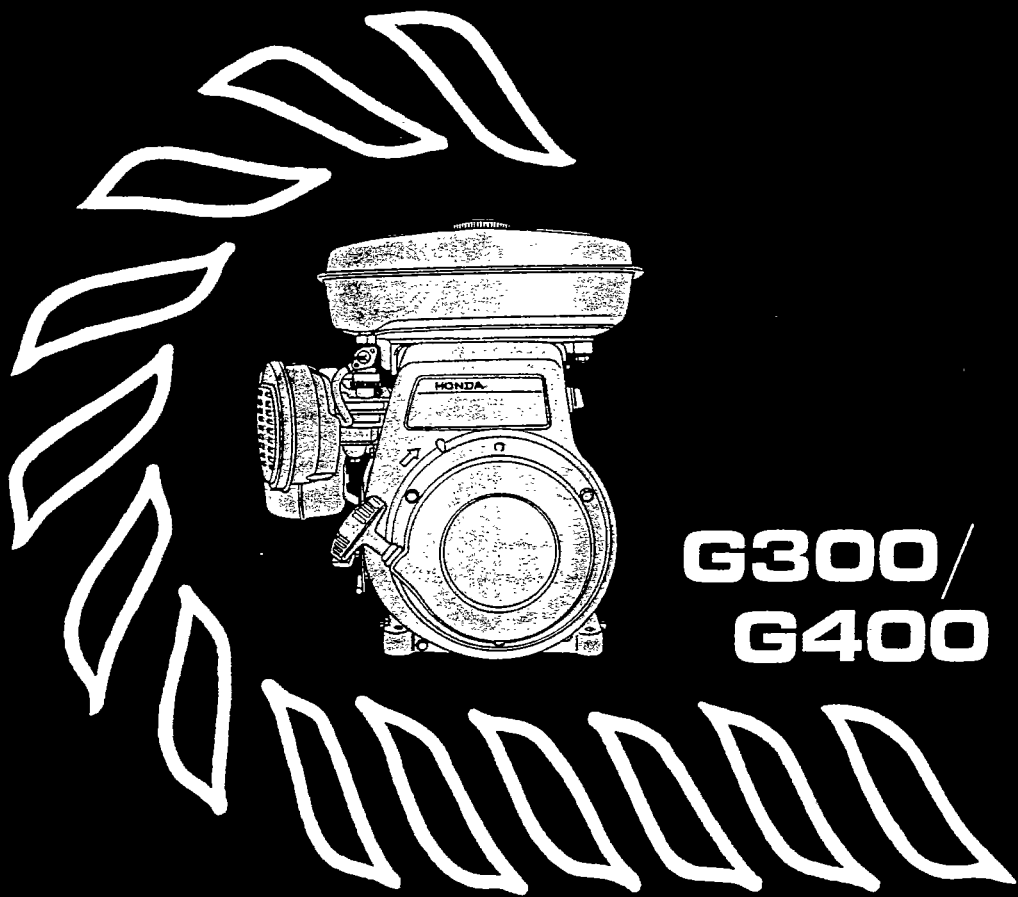


HONDA



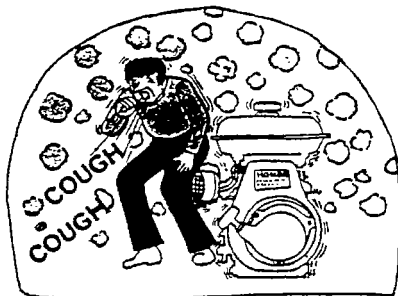
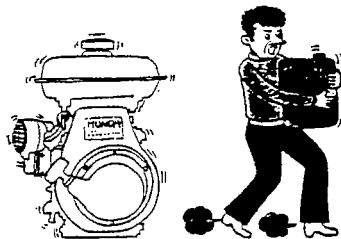
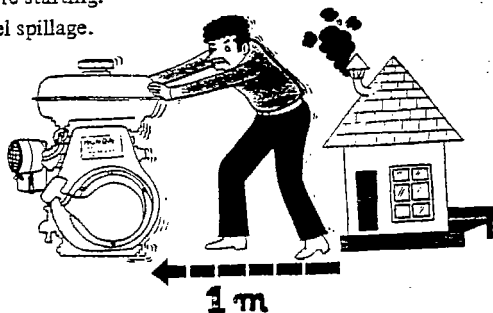
**G300/
G400**

OWNER'S MANUAL

FOR SAFE OPERATION

WARNING:

- ★ To prevent fire hazards and to provide adequate ventilation, keep the engine at least 3 ft away from buildings and other equipment during operation.
- ★ Do not place flammable objects such as gasoline, matches, etc., close to the engine while it is running.
- ★ Refuel in a well ventilated area with the engine stopped. Gasoline is flammable and explosive under certain conditions.
- ★ Do not smoke or allow flames or sparks where the engine is refueled or where gasoline is stored.
- ★ Do not overfill the tank. There should be no fuel in the filler neck. Make sure that the filler cap is closed securely.
- ★ If any fuel is spilled, make sure the area is dry before starting.
- ★ Operate the engine on a level surface to prevent fuel spillage.
- ★ This engine is not equipped with a spark arrester, and operation may be illegal in some areas. Check local laws and regulations before operation.

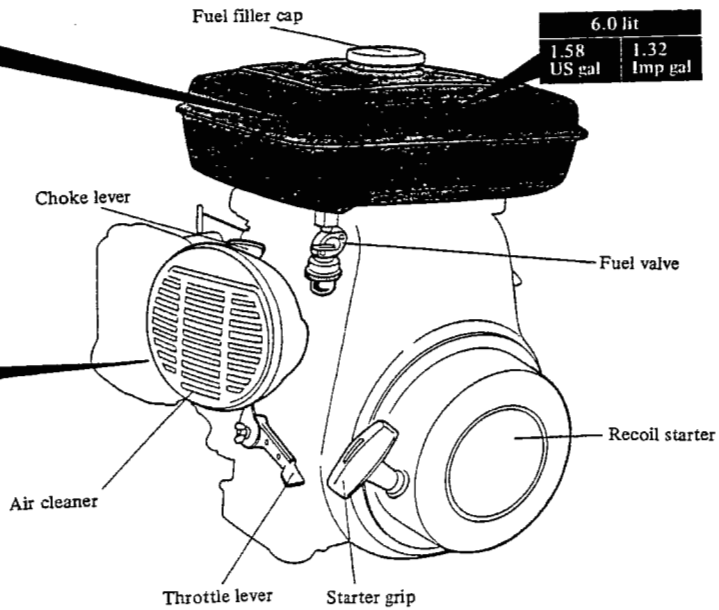
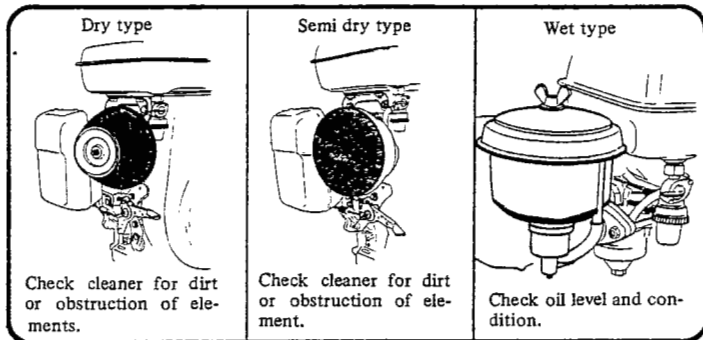


WARNING:

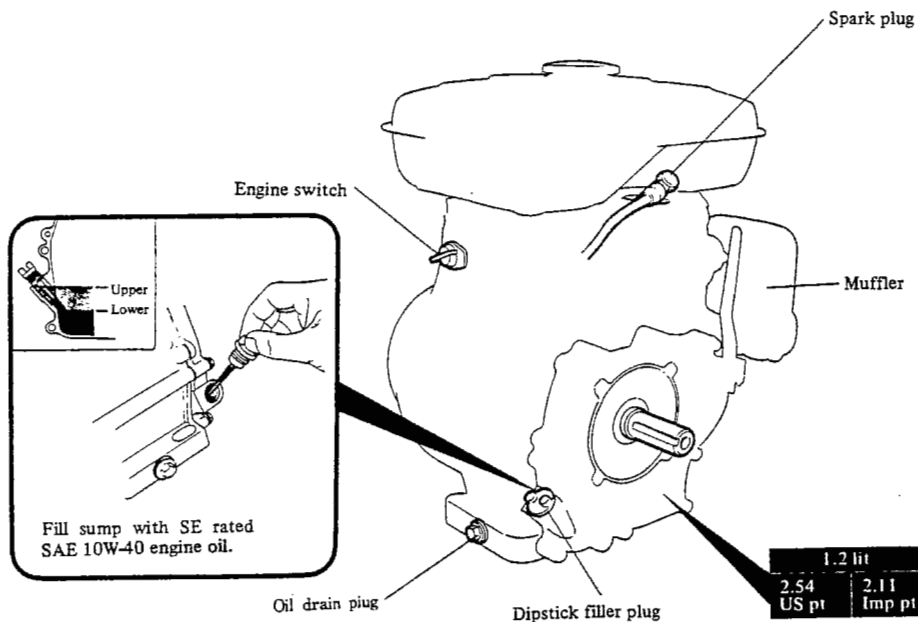
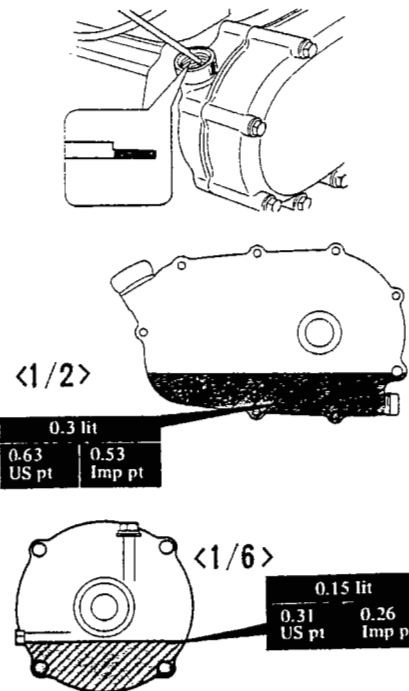
- ★ Exhaust contains poisonous carbon monoxide gas. Avoid inhalation of exhaust gases. Never run engine in a closed garage or confined area.

PRE-OPERATION CHECK

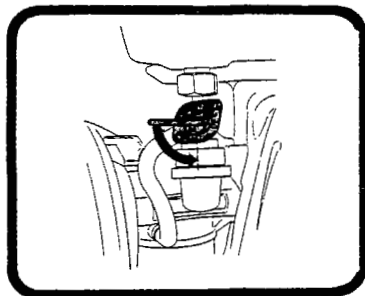
Fill fuel tank * Use any automotive gasoline.
CAUTION: Gasoline substitutes are not recommended, they may be harmful to the fuel system components.



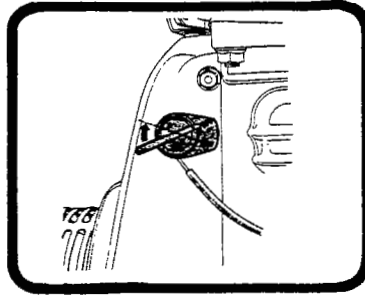
Check reduction gear oil level. Fill with SE rated SAE10W-40 engine oil if necessary.



STARTING

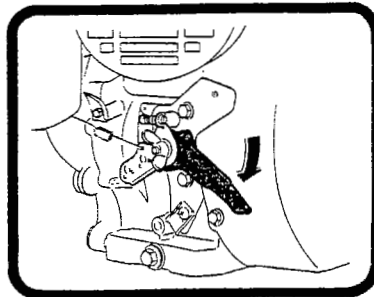


Turn the fuel valve ON.

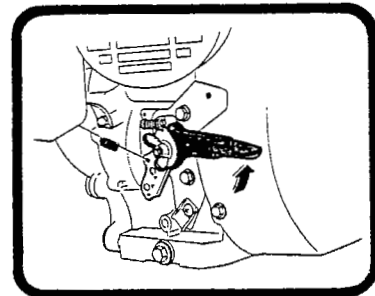


Turn the engine switch ON.

STOPPING

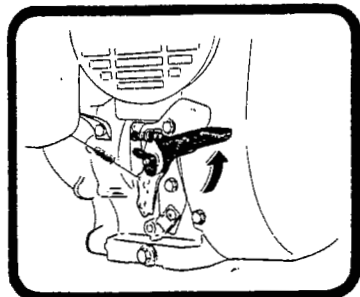


Move the throttle lever down fully.

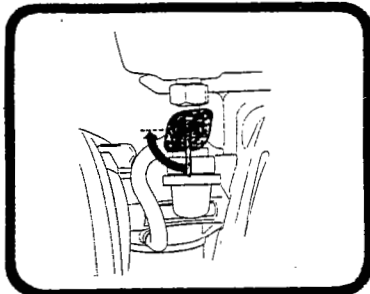


Loosen the wing nut and raise the throttle lever slightly.

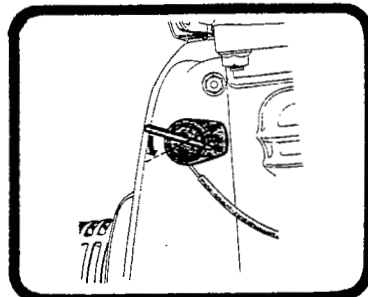
RUNNING



Set the throttle by tightening the wing nut at the desired speed.

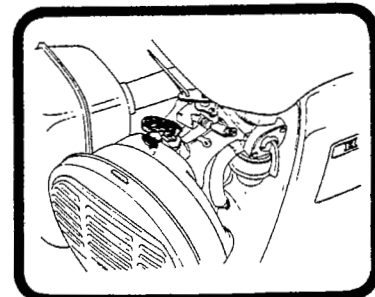


Turn the fuel valve OFF.



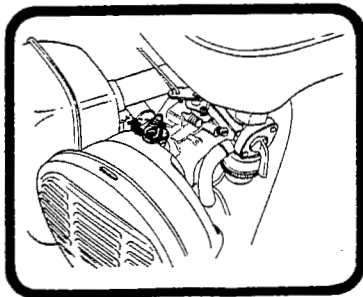
Turn the engine switch OFF.

Close choke lever.

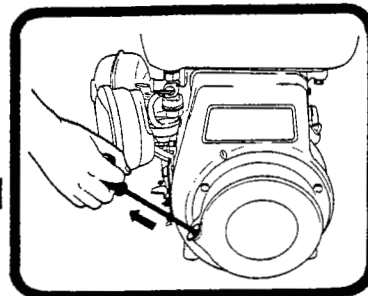


NOTE: Do not use the choke if the engine is warm or the air temperature is high.

As the engine warms up, gradually open the choke.

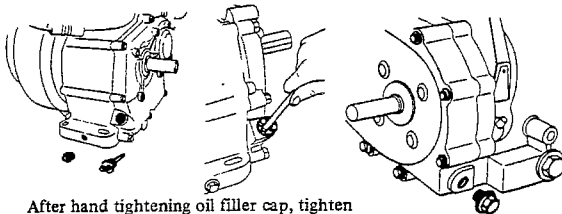


Pull the starter grip briskly, and return it slowly.



First 20 Hrs. operating

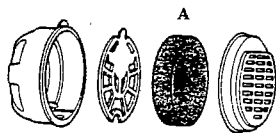
CHANGE ENGINE OIL AND REDUCTION GEAR OIL



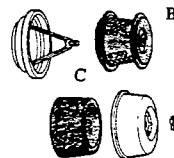
After hand tightening oil filler cap, tighten with a lever.

Every 50 Hrs. operating CLEAN AIRCLEANER ELEMENT

- Clean more frequently if operating in a dusty area.



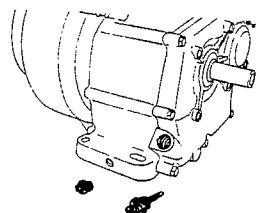
★ Wash part "A" (element) in cleaning solvent. After drying, soak in oil and squeeze out the excess.



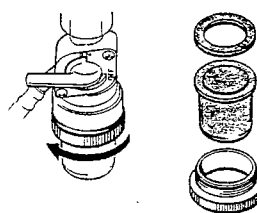
- ★ Remove dust from paper element "B" by applying compressed air from inside of the element or tapping the case lightly. If the element is excessively dirty, replace or wash it in liquid detergent and water and flush until water is clear. Dry it thoroughly by applying compressed air before installing.
- ★ Wash the foam element in "C" liquid detergent and water and flush until water is clear. Dry it thoroughly by applying compressed air. After drying, soak in oil and squeeze out the excess.

Every 100 Hrs. operating

CHANGE ENGINE OIL

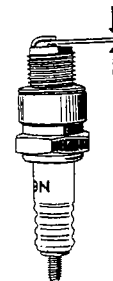


CLEAN FUEL STRAINER



★ Wash removed parts in solvent, dry them thoroughly and install securely. Turn the fuel valve ON and check for leaks.

CLEAN SPARK PLUG AND CHECK GAP



0.6 – 0.7 mm
(.024 – .028 in)
Use NGK B-4H, BR-4HS or
ND W14F-U, W14FR-U
CDI type
0.9 – 1.0 mm
(.035 – .039 in)
Use NGK BP4HS-10
BPR4HS-10 or, ND W14FP-
UL10, W14FPR-UL10

- ★ Wash "D" and "E" in cleaning solvent. After drying, refill with clean engine oil up to oil level mark.

Every 300 Hrs. operating

- ★ Check fuel line for cracks or leaks. Replace, if necessary.

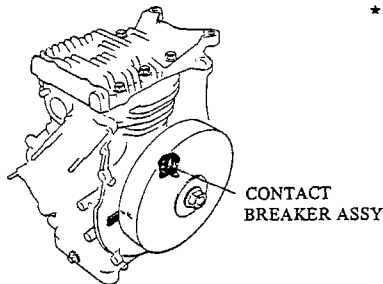
WARNING

- ★ Do not use gasoline or low flash point solvents for cleaning. They are flammable and explosive under certain conditions.

ADJUSTMENT The following adjustments should be performed by your firm's general purpose engine fitter.

ADJUST IGNITION TIMING

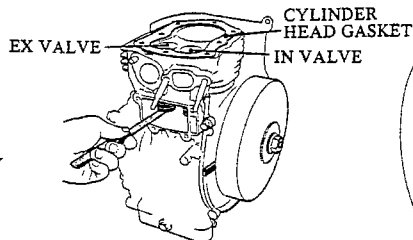
- ★ Adjust contact breaker points so that they just start to open when the "F" mark on the flywheel aligns with the mark on crankcase.
- ★ IGNITION TIMING: 20° BTDC.



CONTACT BREAKER ASSY

ADJUST VALVE CLEARANCE

- ★ Measure at TDC on compression stroke when engine is cold.
- STANDARD:
IN 0.08 – 0.16 mm (.003 – .006 in)
EX 0.11 – 0.19 mm (.004 – .007 in)
- ★ If the clearance is less than the standard limit, grind valve stem or replace valve.



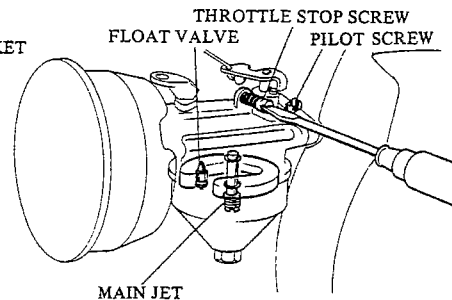
EX VALVE CYLINDER HEAD GASKET IN VALVE

ADJUST CARBURETOR SCREWS

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

Idle speed
1,400 rpm ±150

- Carburetor with pilot screw
- 1) Tighten the pilot screw until it bottoms lightly, then back it off the number of turns shown below:
G300 1 1/2 turns
G400 2 turns
- 2) Adjust idle speed as outlined at left.

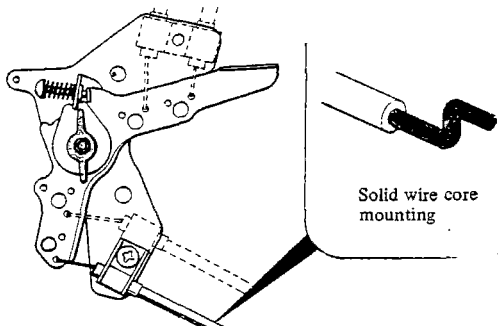


MAIN JET

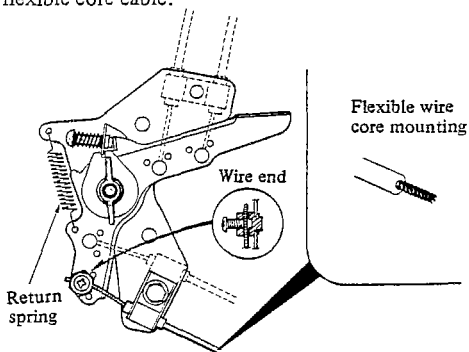
The CDI Type does not require adjustment.

THROTTLE CONTROL

A throttle control cable (optional) may be used in any one of the four pull directions shown. Use either a solid core wire, or a flexible core wire with a return spring and wire end.



A return spring and wire end may be used with a flexible core cable.



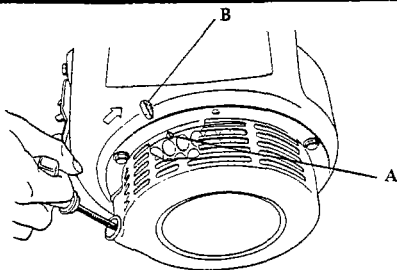
SPECIFICATIONS

	G300	G400
Cycle, valve arrangement	4 cycle, side valve	
Displacement cc (cu in)	272 (16.6)	406 (24.8)
Max. output hp/rpm	7/3,600	10/3,600
Max. torque kg-m (ft-lb)	1.5 (11)	2.3 (16.6)
Fuel consumption g/hp-h (lb/hp-h)	285 (0.62)	270 (17)
PTO shaft rotation	Counterclockwise	
Dry weight kg (lb)	22 (49)	33 (72.8)

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BEFORE EXTENDED STORING



- ★ Pull the recoil starter rope until it is hard to turn and then align mark "A" with the "B" mark.
- ★ 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.

PROPERTY OF
SERVICE
COMMUNICATIONS.
DO NOT REMOVE.

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