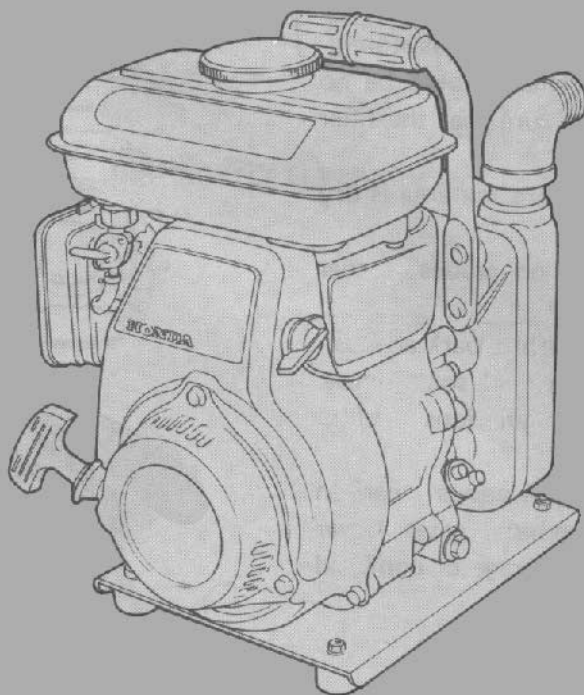


# HONDA

## WATER PUMP

# WA15



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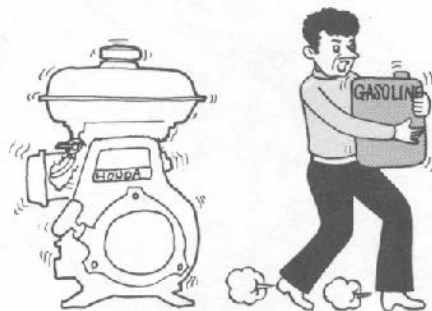
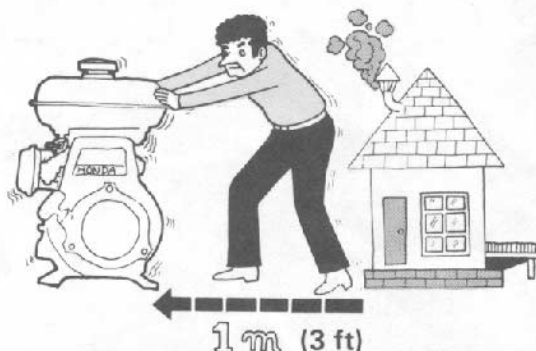
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## OWNER'S MANUAL

# FOR SAFE OPERATION

## WARNING

- To prevent fire hazards and to provide adequate ventilation, keep the pump at least 3 ft away from buildings and other equipment during operation.
- Do not place flammable materials, such as gasoline, matches etc., close to the pump 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 pump 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 the engine.
- Do not operate the pump on grades steeper than 20° in any direction.
- This pump is not equipped with a spark arrester, and operation may be illegal in some areas. Check local laws and regulations before operation.
- Exhaust gas contains poisonous carbon monoxide. Avoid inhaling exhaust gases. Never run the engine in a closed garage or confined area.



## CAUTION:

- Never attempt to operate the pump without priming water.
- Drain the water in the pump after use in freezing area.
- Hold the pump securely to prevent tipping over or dragging, when using on a bank or shore.
- Sea water may cause corrosion in the pump.

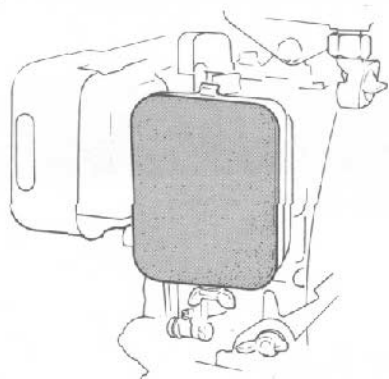


# PRE-OPERATION CHECKS

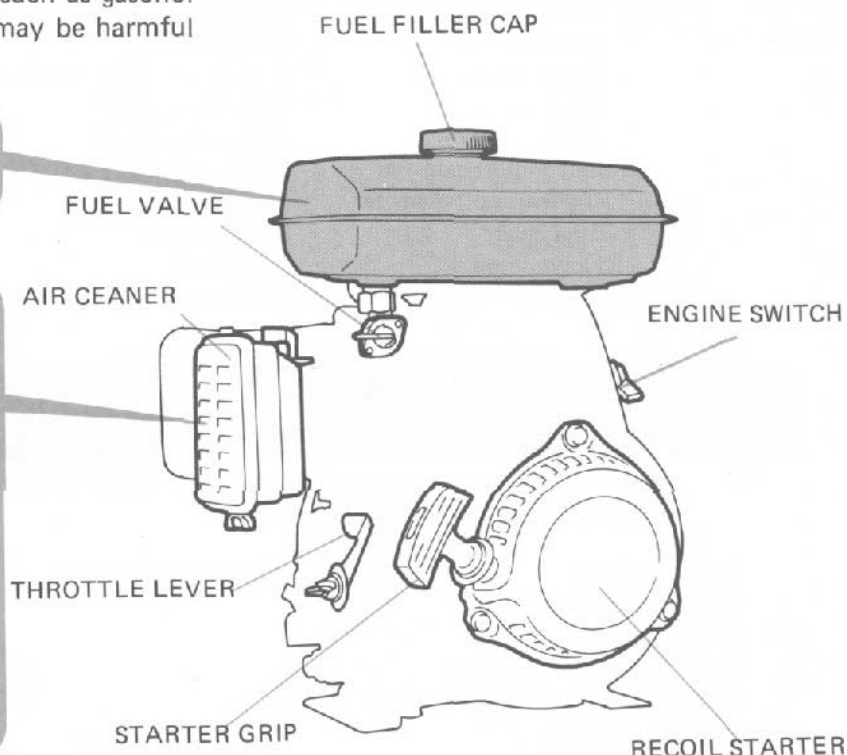
**CAUTION:** Gasoline substitutes, such as gasohol etc., are not recommended, they may be harmful to the fuel system components.

Fill fuel tank: 1.4ℓ (0.37 US gal)

★ Use low-lead or unleaded gasoline.

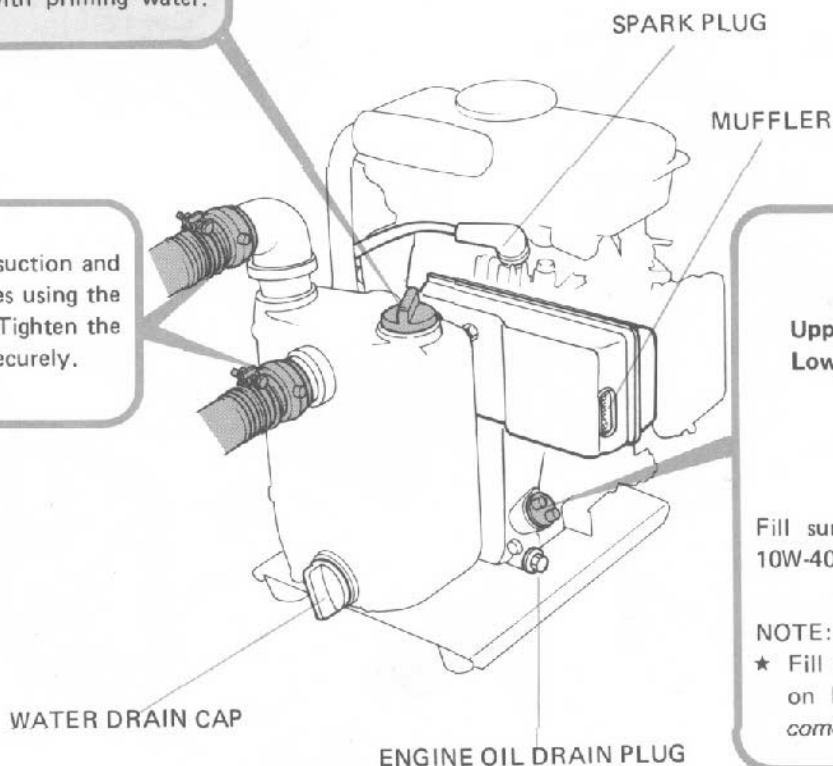


Check cleaner for dirt or obstruction of element.

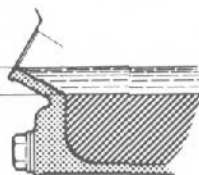


Loosen the filler cap and fill the pump with priming water.

Connect the suction and discharge hoses using the hose clamps. Tighten the hose clamps securely.



Upper  
Lower



Fill sump with SE rated SAE 10W-40 engine oil: 0.45ℓ (0.48 US qt)

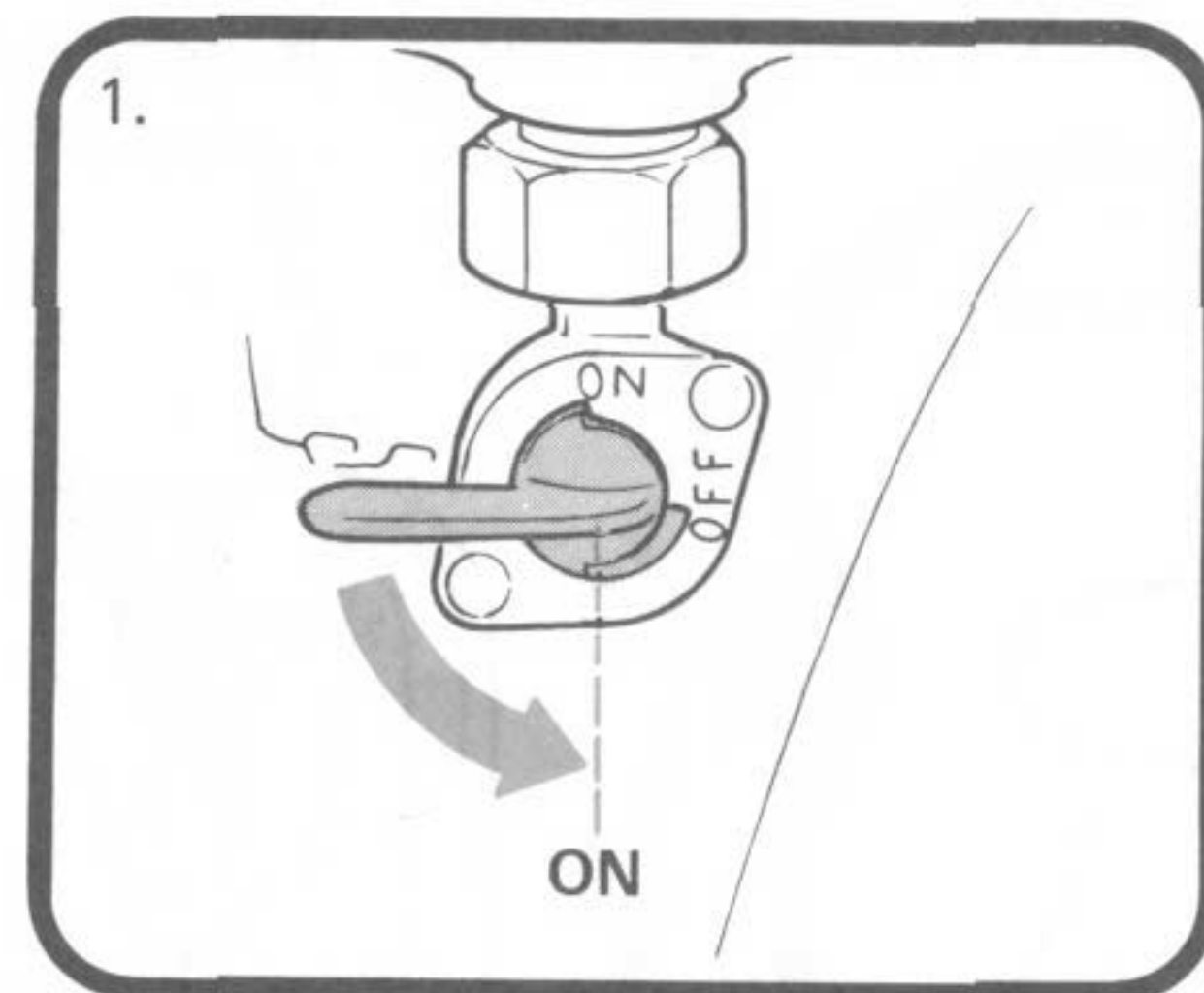
**NOTE:**

★ Fill or check oil with engine on level ground; oil should come to the upper level.

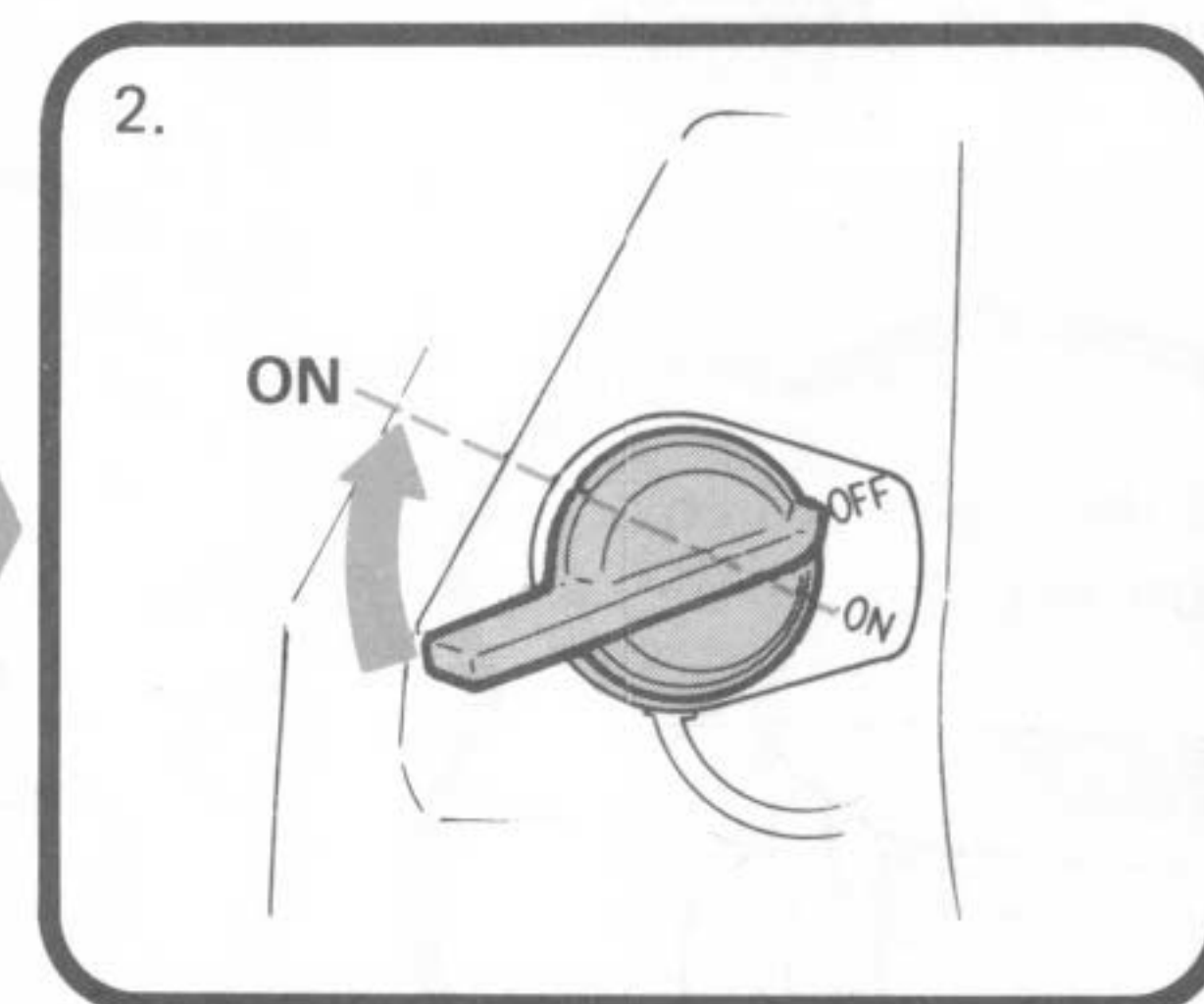


# STARTING THE ENGINE

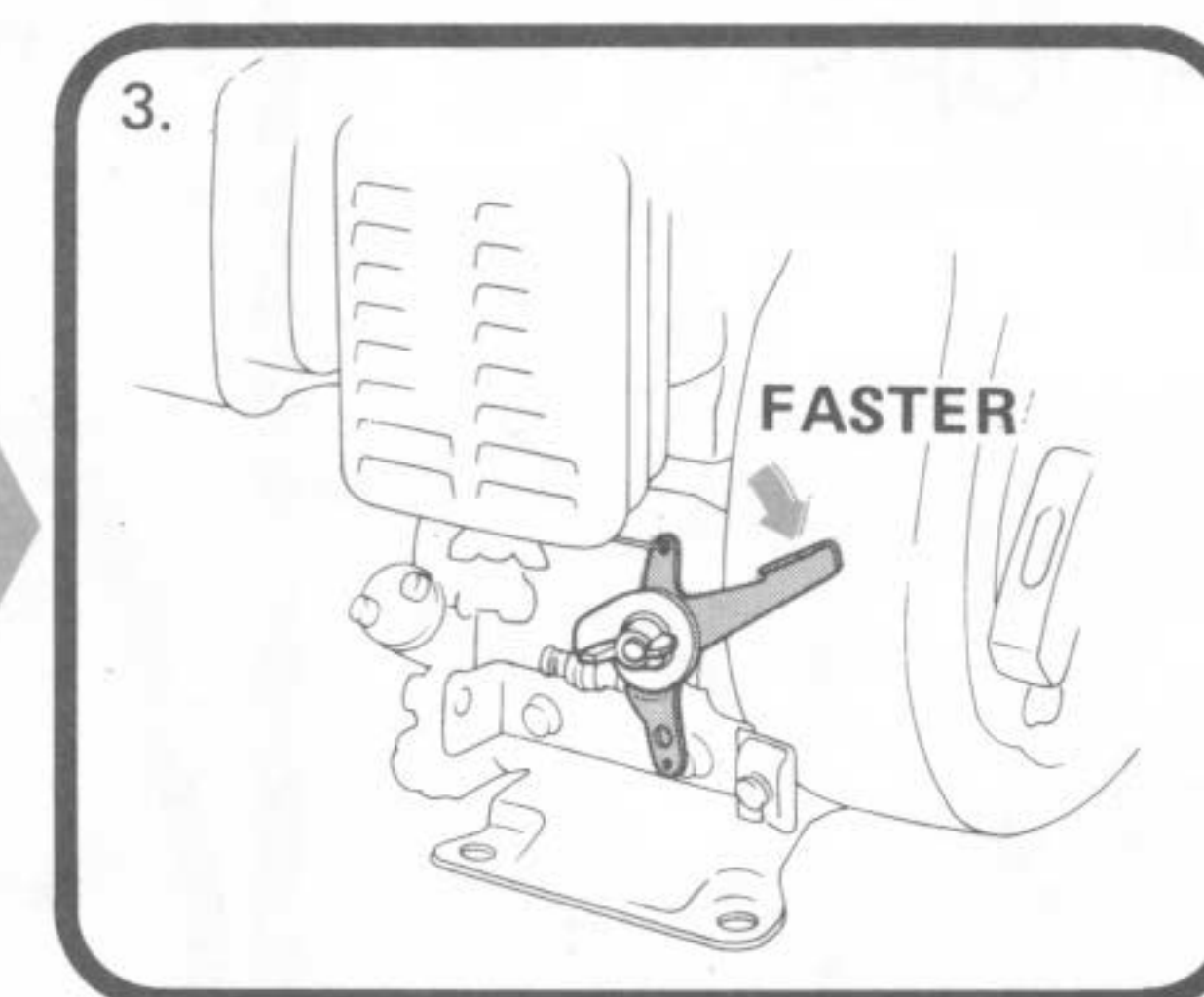
## STARTING



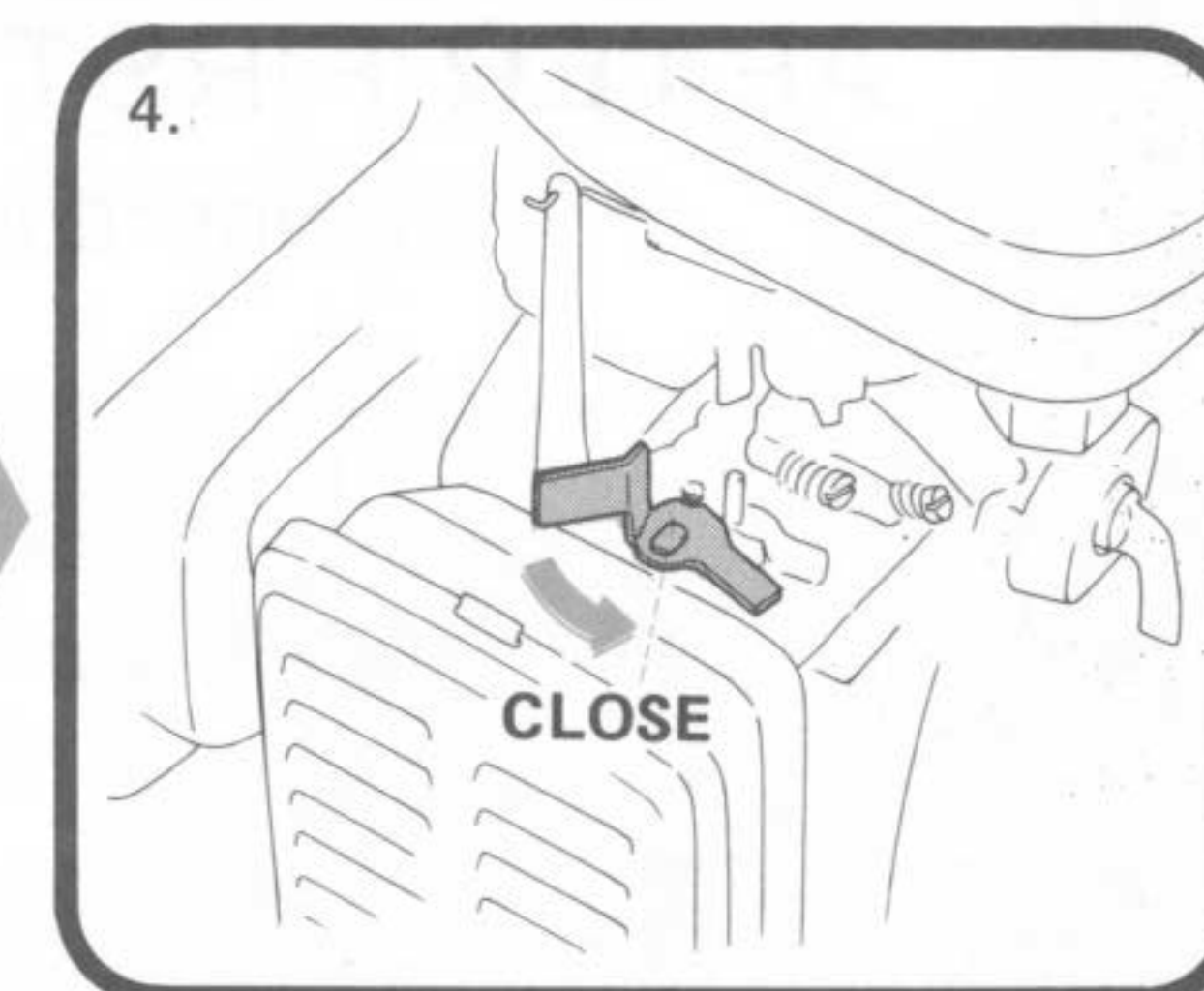
Turn the fuel valve ON.



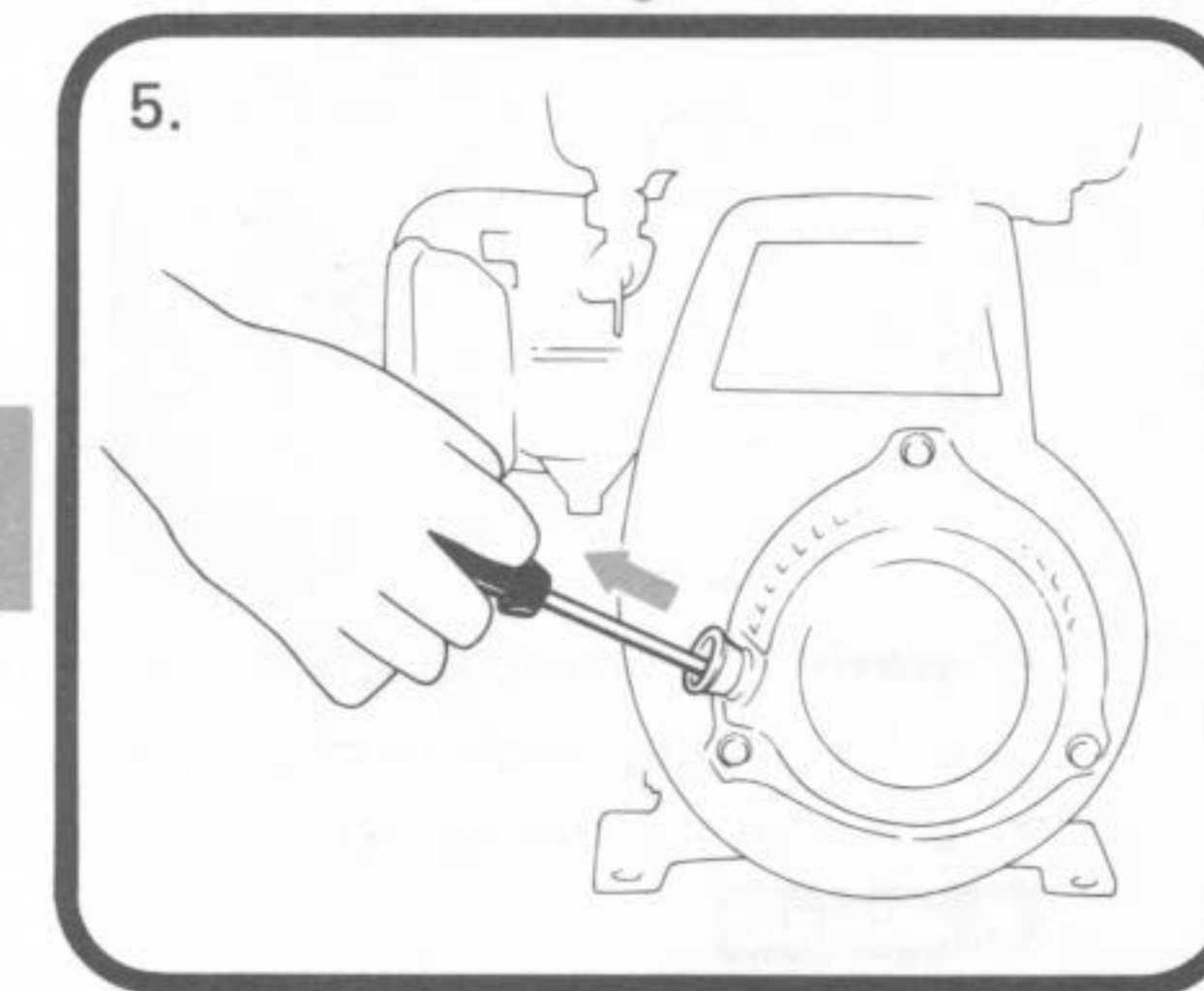
Turn the engine switch ON.



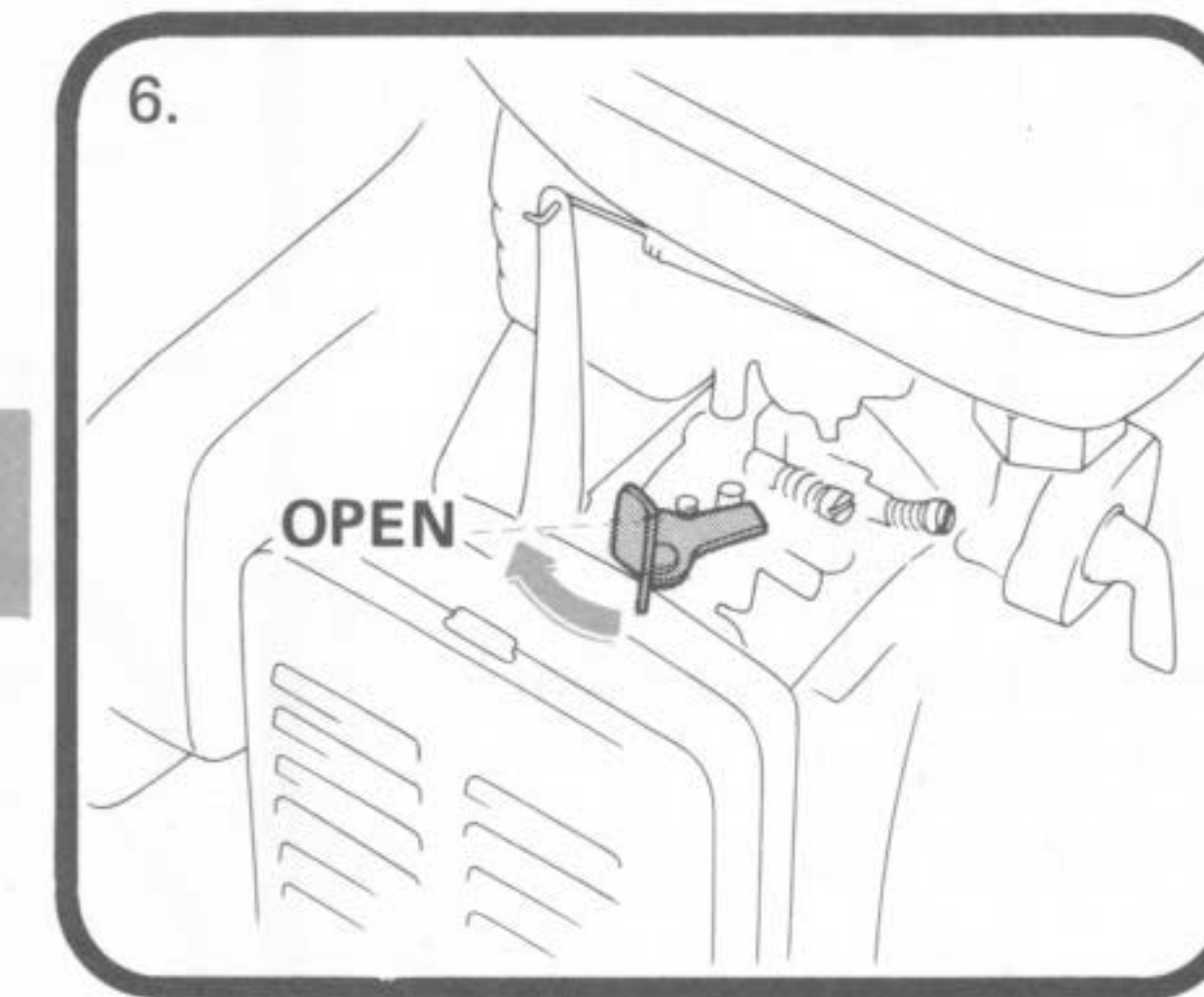
Loosen the wing nut, move the throttle lever down slightly and re-tighten the wing nut.



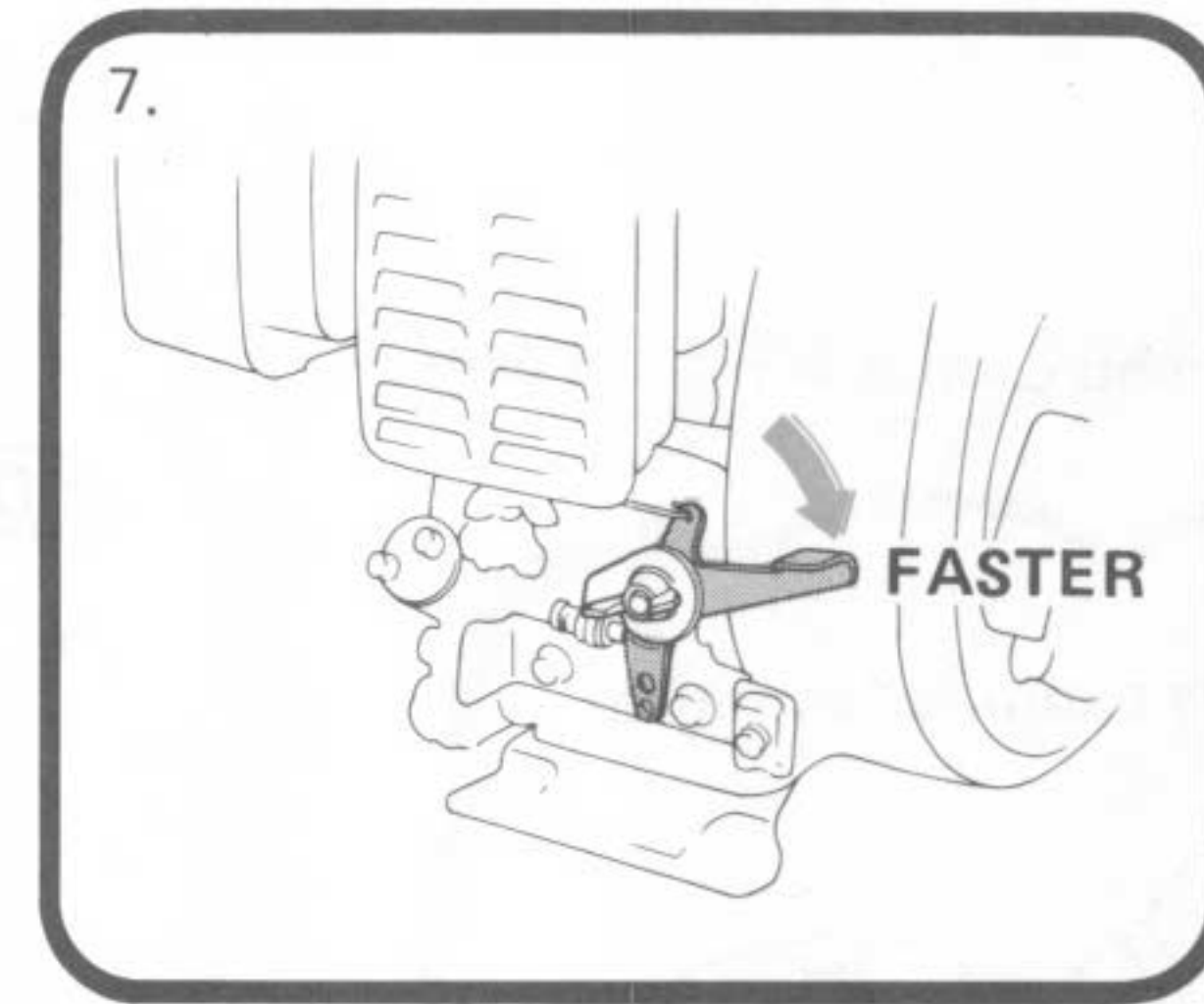
Close choke lever.  
NOTE: Do not use CHOKE if the engine is warm or in warm weather.



Pull the recoil starter briskly.  
NOTE: Allow it to return slowly.



As the engine warms up, gradually open the choke.



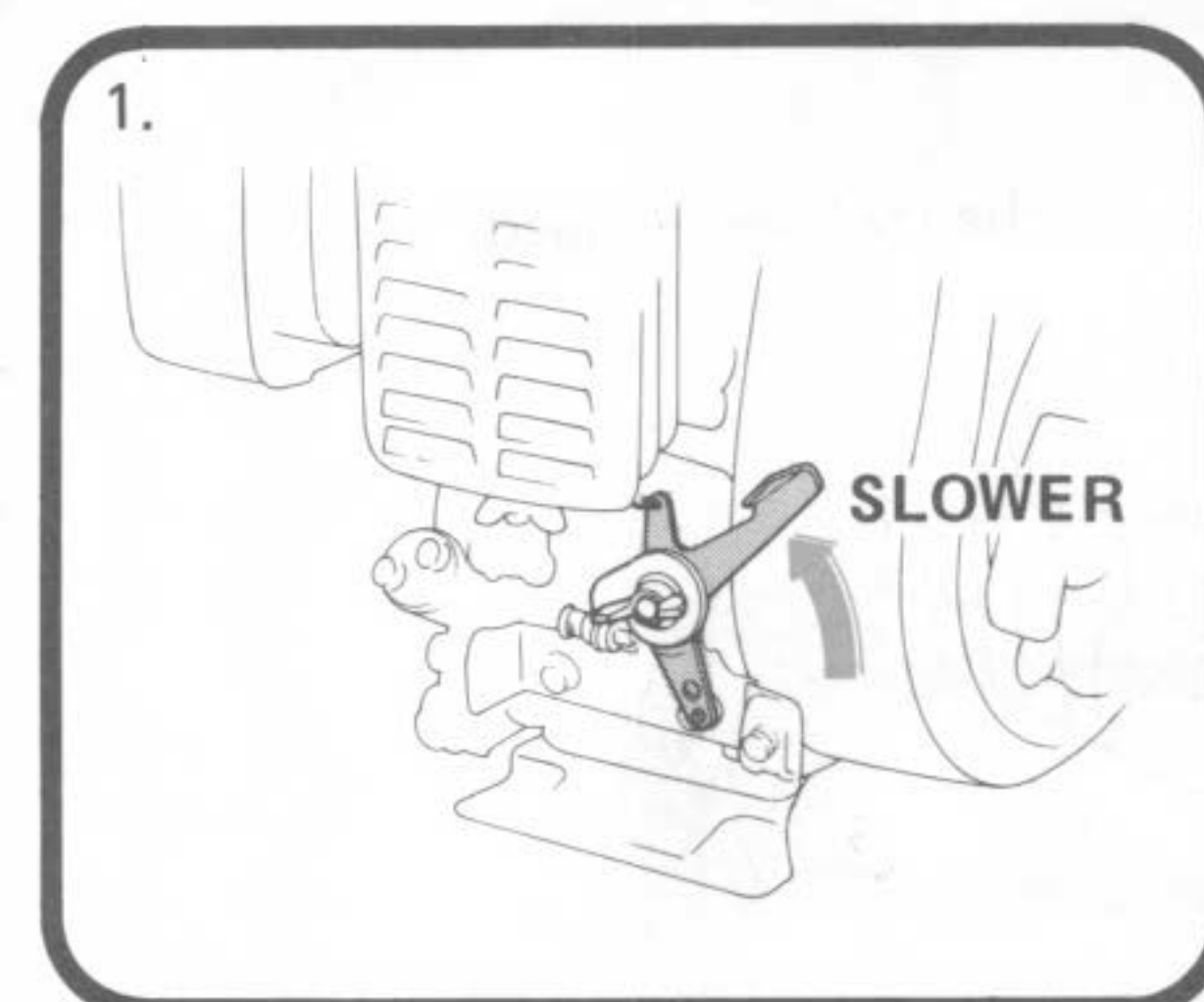
Loosen the throttle wing nut, set the throttle lever for the desired engine speed and retighten the wing nut.



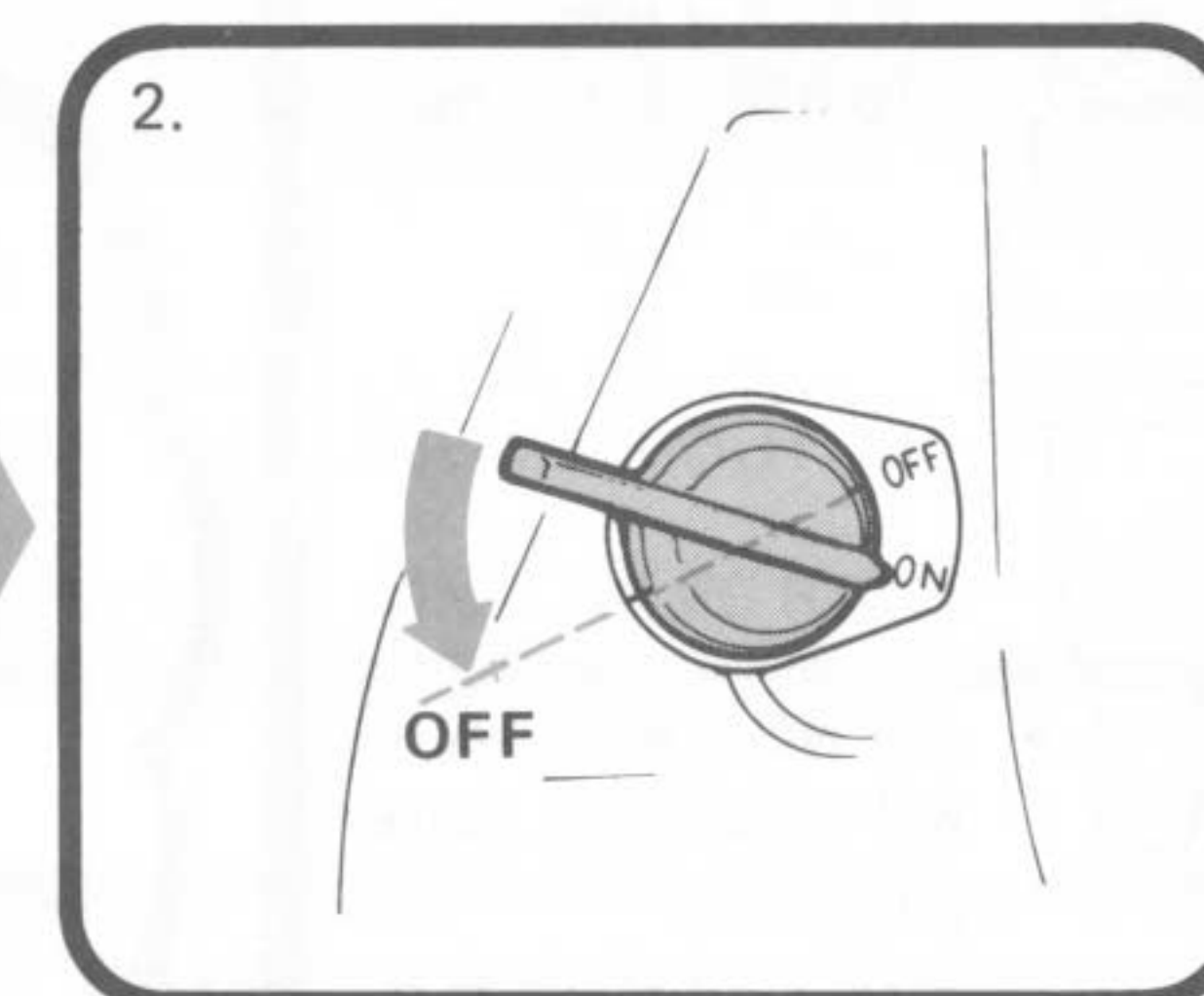
## STOPPING

### NOTE:

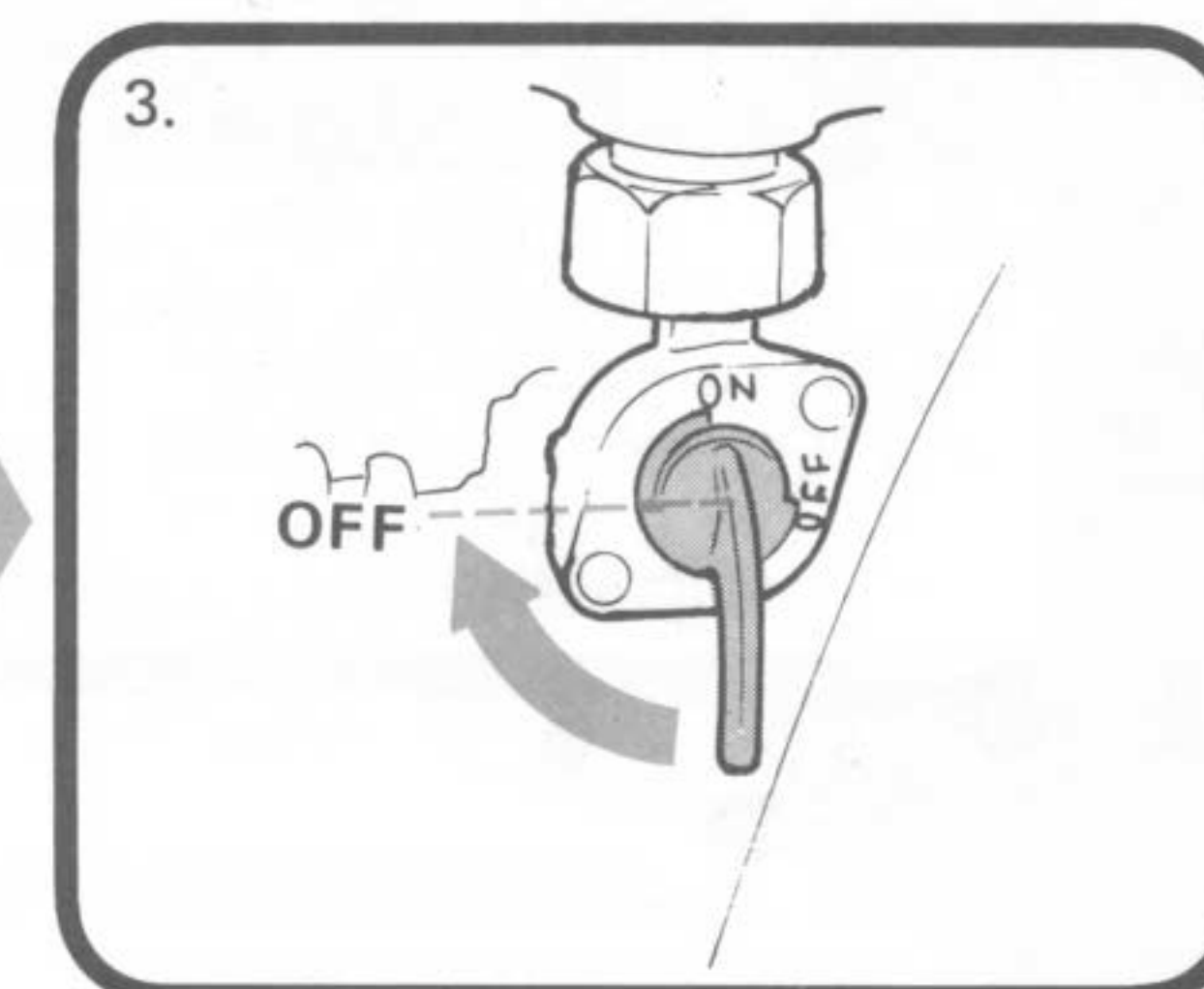
- If the pump is to be stored for a few days, run the engine with the fuel valve OFF until it stops; this removes fuel from the carburetor.
- To stop the engine in an emergency, turn the engine switch OFF.



Loosen the wing nut and fully raise the throttle lever.



Turn the fuel valve OFF.



Turn the engine switch OFF.

## EXTENDED STORAGE

- ★ Flush the pump out by pumping clean water through it before shutting down. After flushing, drain the water.
- ★ Drain gasoline from the fuel tank and carburetor. Change engine oil.
- ★ Pull the starter rope until resistance is felt, leaving the engine on its compression stroke.
- ★ Store on a level surface in a dry, dust-free area.



# TROUBLESHOOTING

## A. When the engine will not start:

A-1. Is the engine switch turned on?



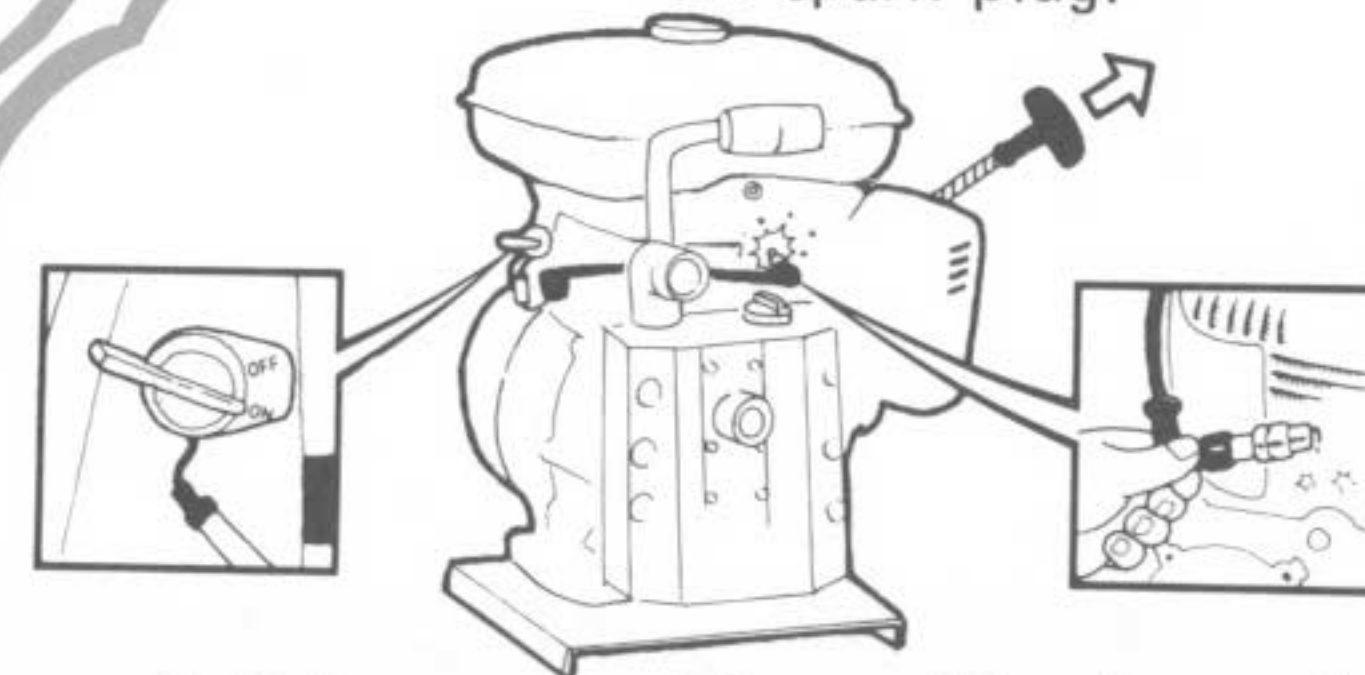
A-2. Is there enough fuel?



A-3. Is the fuel valve turned on?

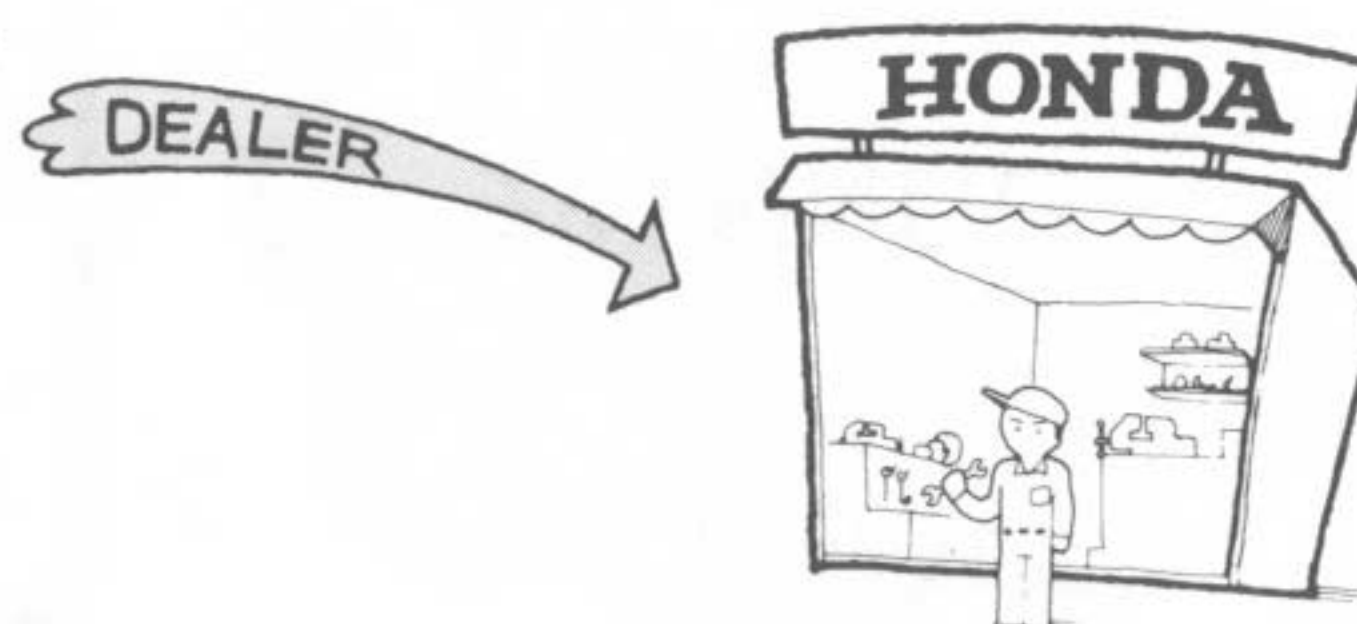


A-4. Is there a spark in the spark plug?

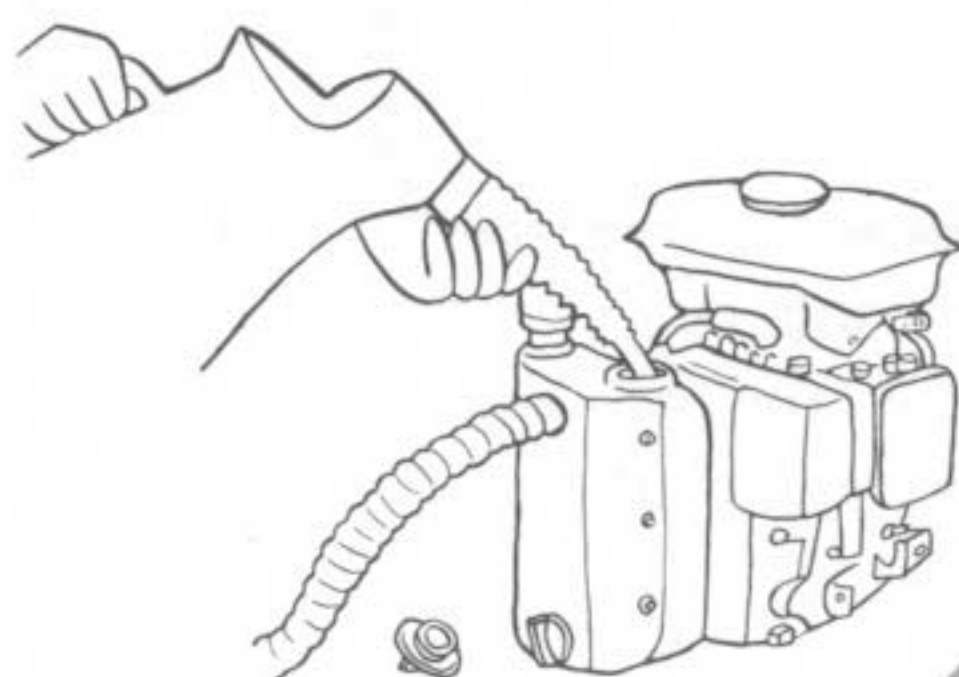


Pull the starter while touching the spark plug against the engine. If a spark is visible, reinstall the spark plug and try to start the engine. If there is no spark, clean or replace the spark plug.

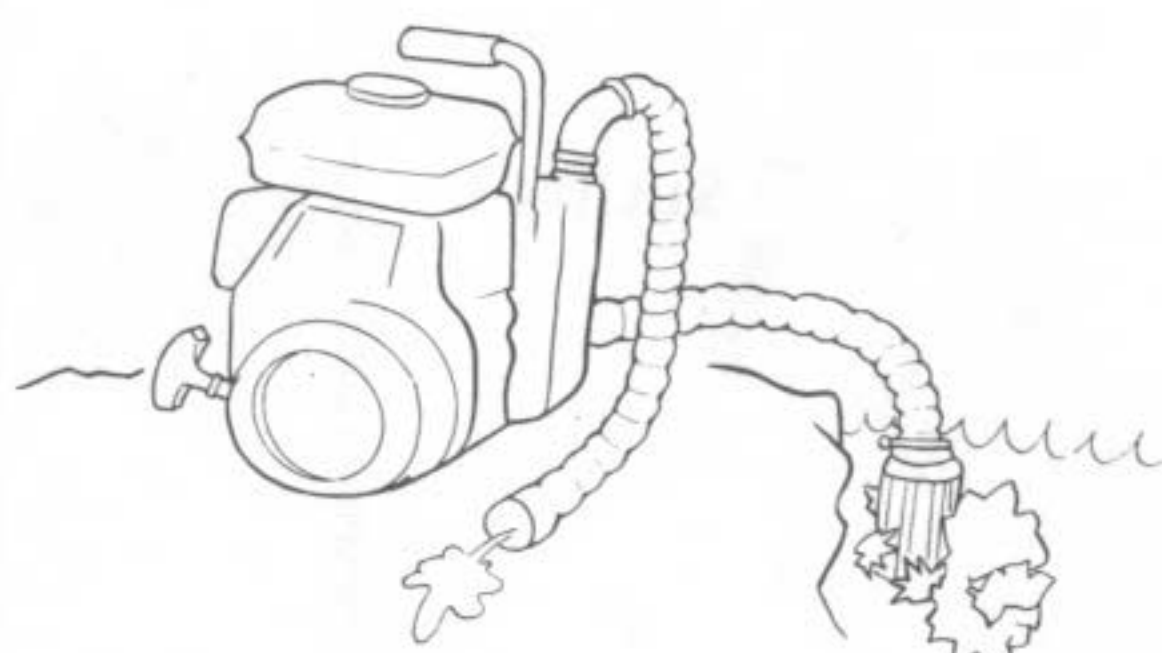
A-5. Take the pump to your dealer.  
B-6.



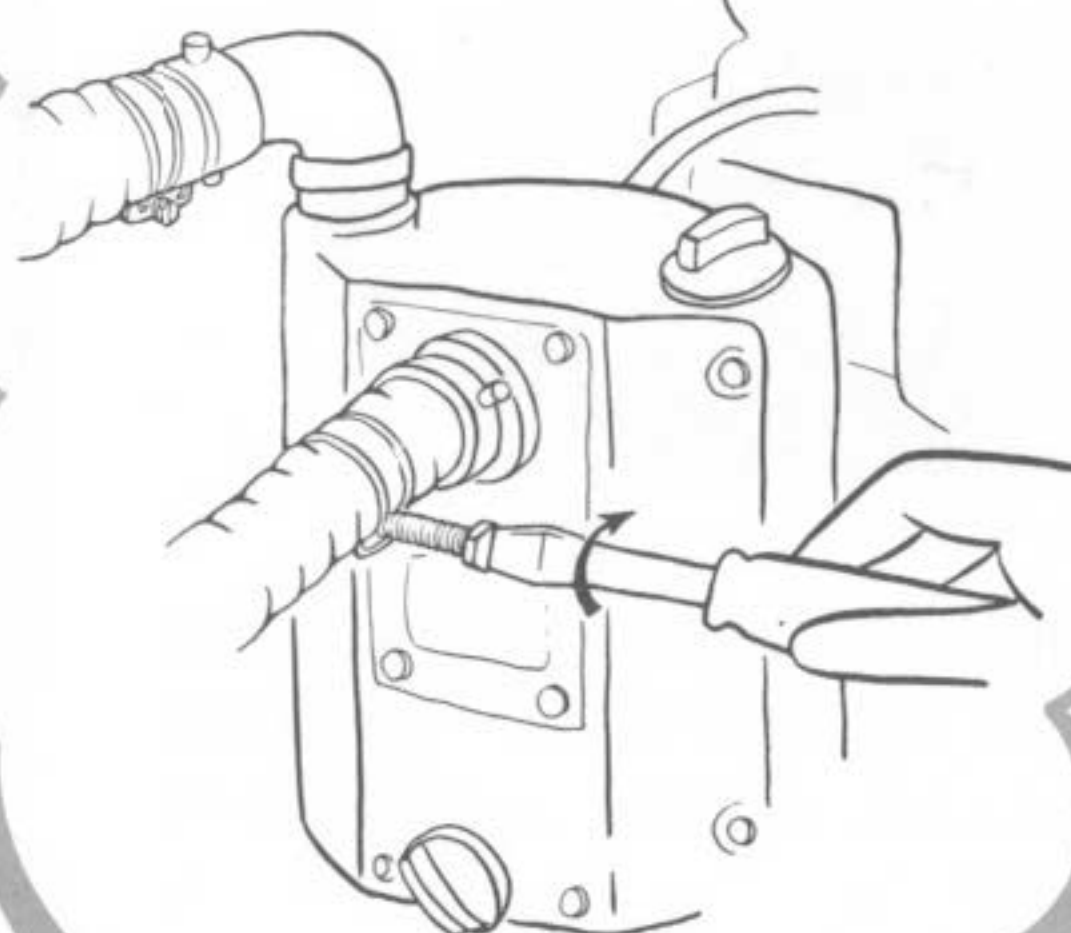
B-1. Is the pump fully primed?



B-2. Is the strainer clogged?



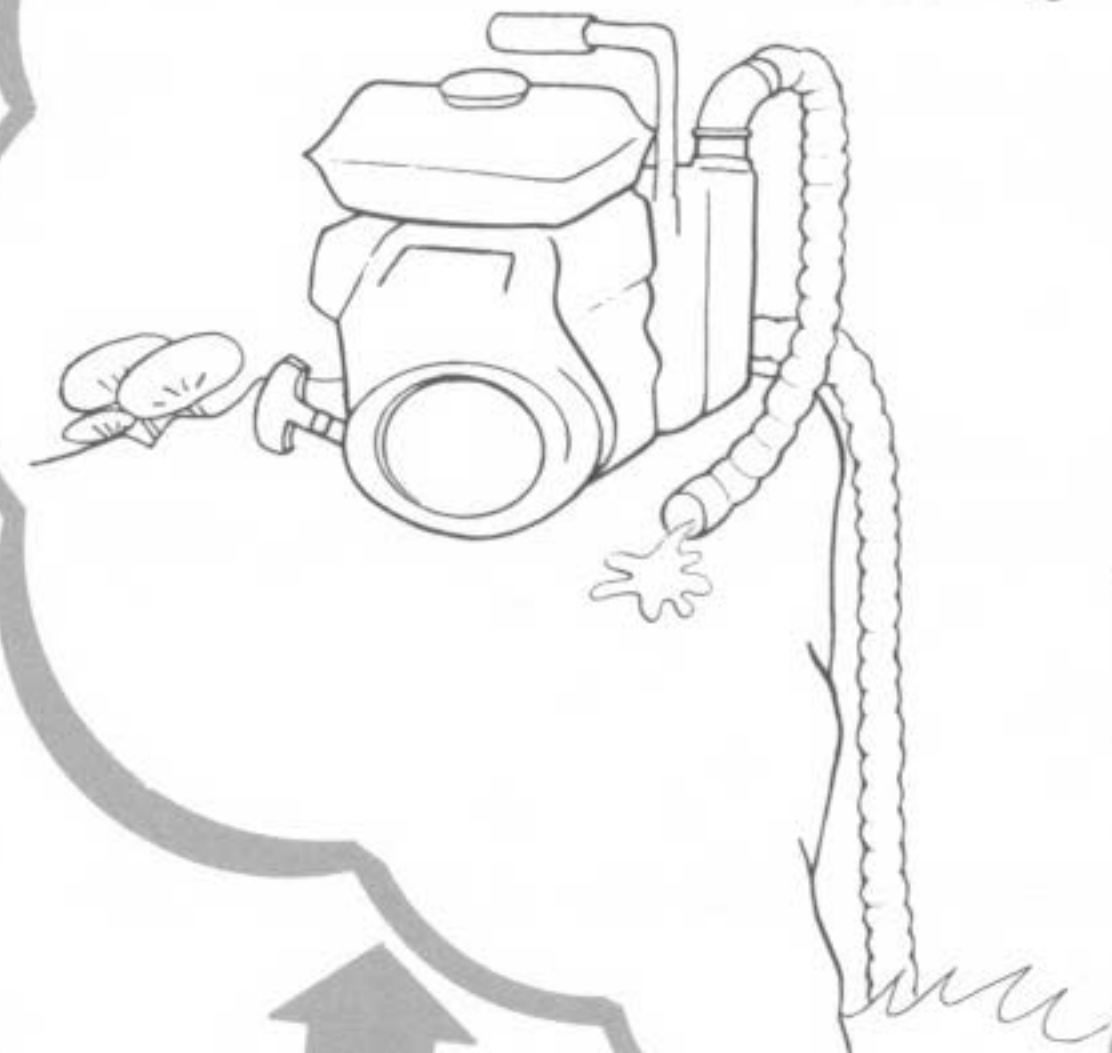
B-3. Are the hoses clamps tightened?  
Are the packing damaged?



B-4. Are the hoses damaged?



B-5. Is the suction head too high?

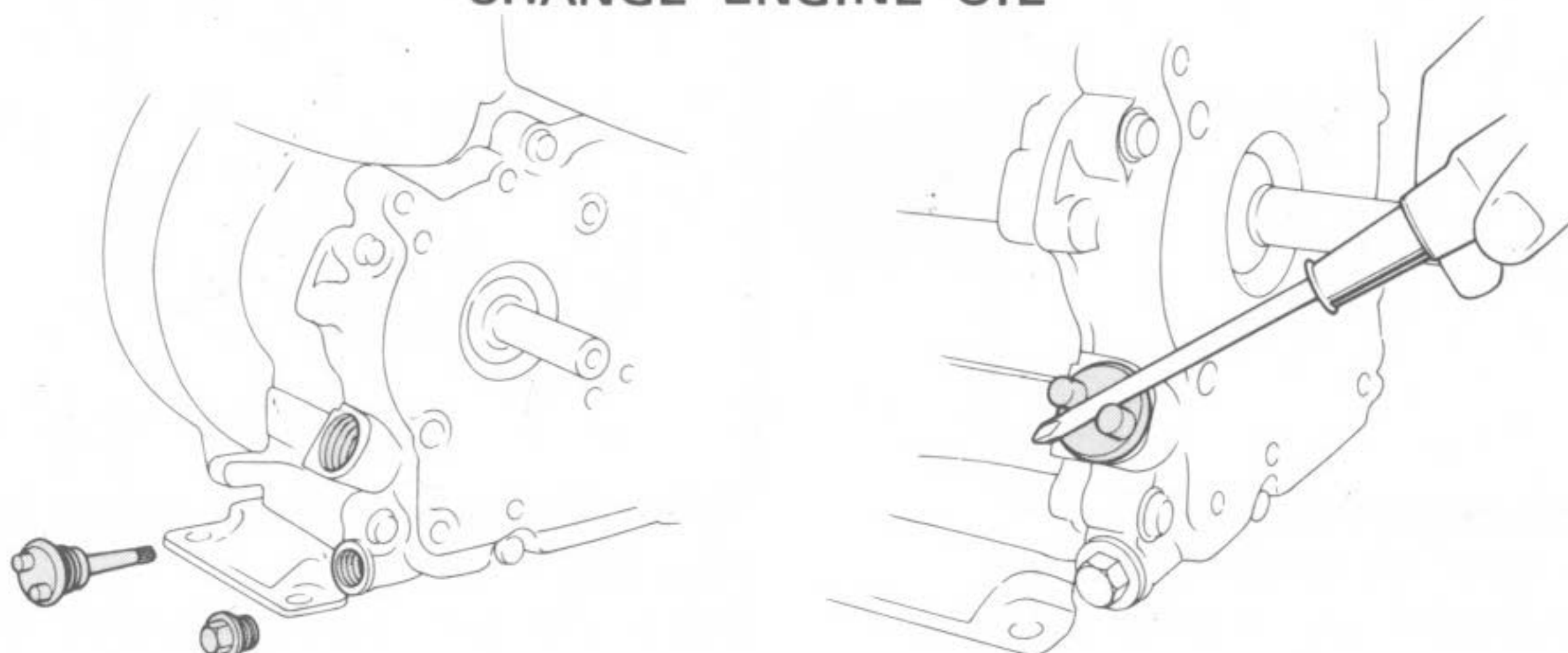




# PERIODIC MAINTENANCE

## AFTER FIRST 20 HOURS

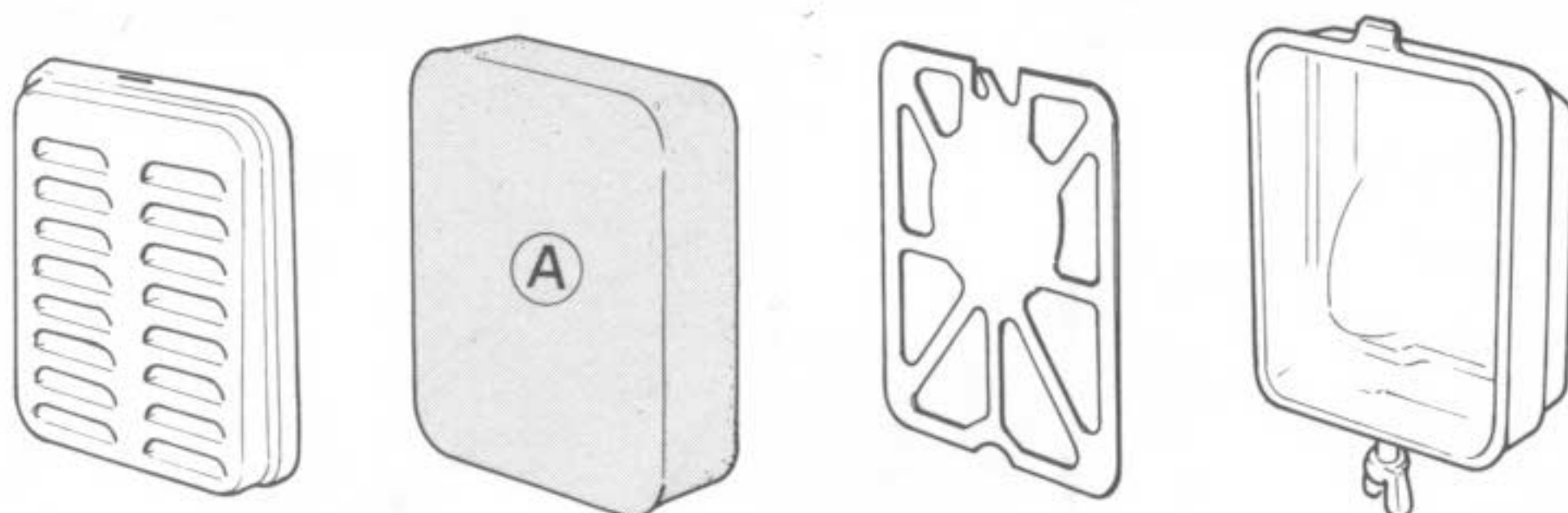
### CHANGE ENGINE OIL



- ★ Use a screwdriver shaft to loosen or tighten oil filler cap.

## EVERY 50 HOURS

### CLEAN AIR CLEANER ELEMENT



- ★ Wash the element (part "A") in high flash point cleaning solvent; after drying, soak in motor oil and squeeze out the excess.
- ★ Clean more frequently if engine is operated in a dusty area.

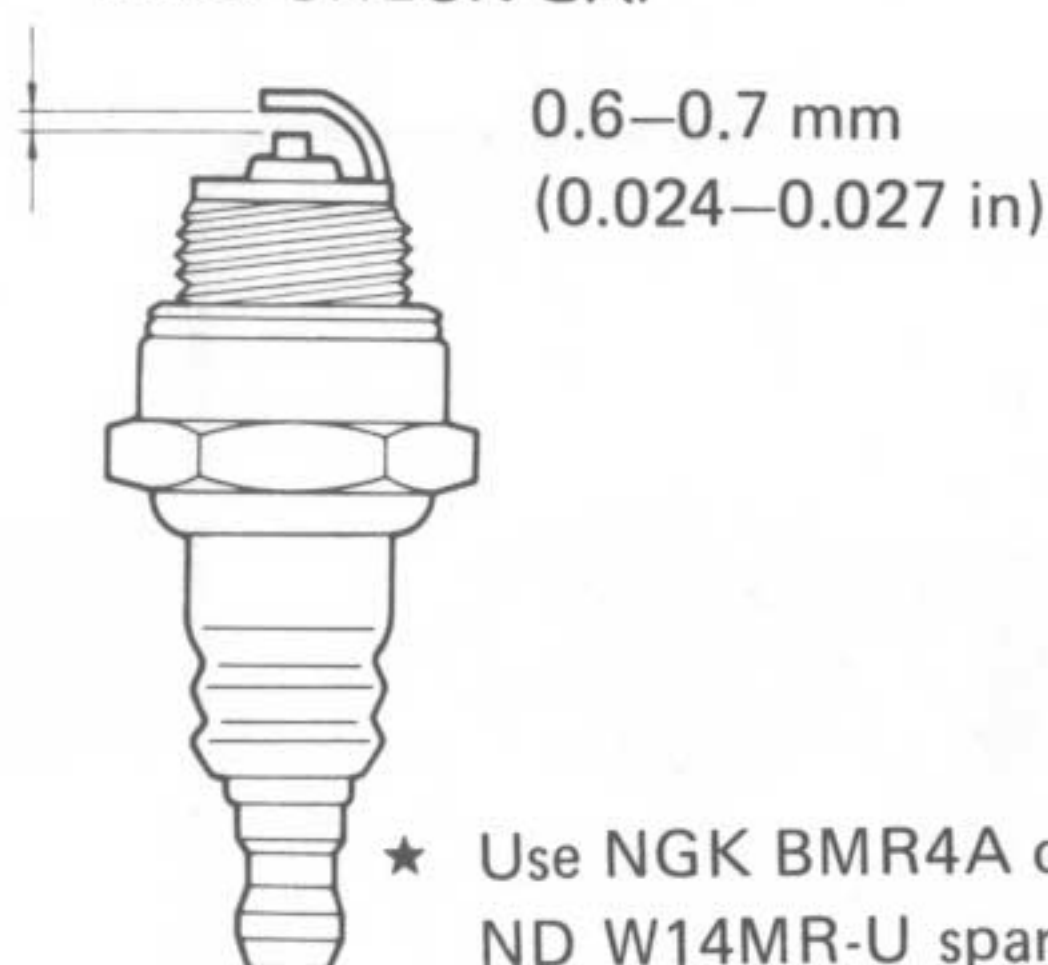
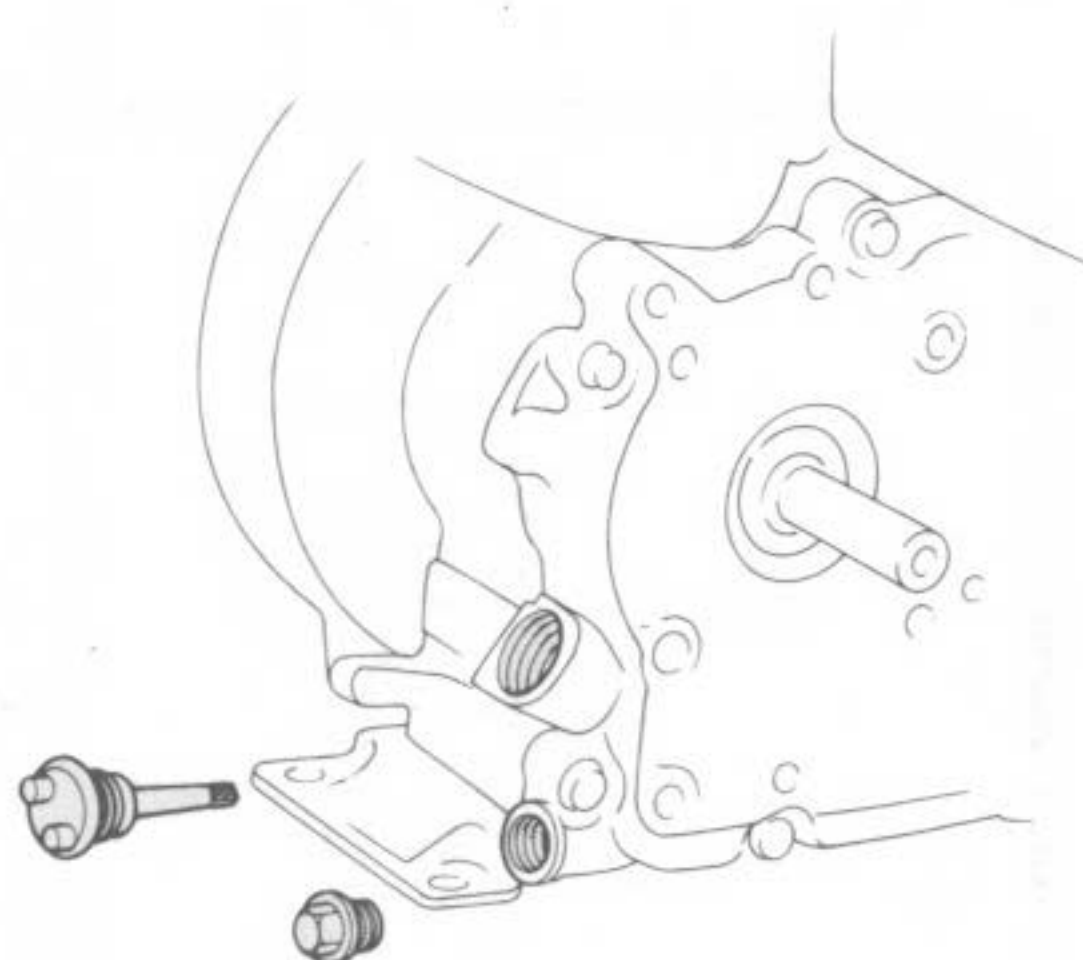
#### **WARNING**

- ★ Never use gasoline or low flash point solvents for cleaning the air cleaner element. A fire or explosion could result.

## EVERY 100 HOURS

### CHANGE ENGINE OIL

### CLEAN SPARK PLUG AND CHECK GAP



- ★ Use NGK BMR4A or ND W14MR-U spark plug.

### CHECK FUEL HOSE

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

# SPECIFICATIONS

Length x Width x Height	330 x 270 x 352 mm (13.0 x 10.6 x 13.8 in)
Dry weight	12 kg (26.5 lbs)
Engine Type	4 cycle, side valve, 1 cylinder, Forced air cooled
Displacement	76 cc (4.6 cu in)
Ignition system	Flywheel magneto
Suction port diameter	38 mm (1½ in)
Discharge port diameter	38 mm (1½ in)
Total head	38 m (125 ft)
Suction head	7 m (23 ft)
Capacity	200ℓ (53 US gal)

## ORDERING REPLACEMENT PARTS

When ordering replacement parts, always specify model, serial number, as part name, description and quantity required.

- 1) IMPELLER
- 2) VOLUTE CASE
- 3) SUCTION PACKING
- 4) END PLATE PACKING
- 5) MECHANICAL SEAL
- 6) RING SEAL A
- 7) RING SEAL B
- 8) FILLER CAP
- 9) MOUNT RUBBER
- 10) STRAINER

SERIAL NUMBER  
LOCATION

