

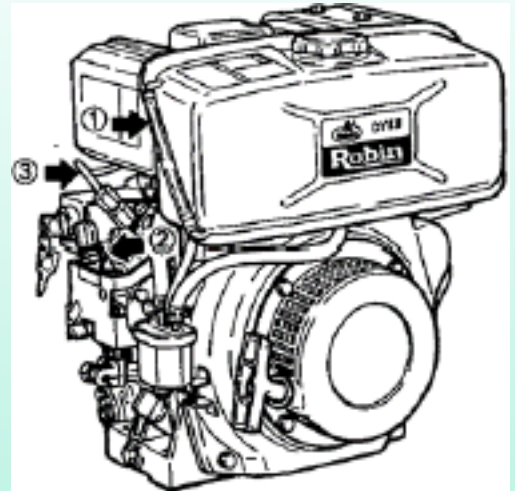
If the engine won't start

Is the fuel tank filled up?

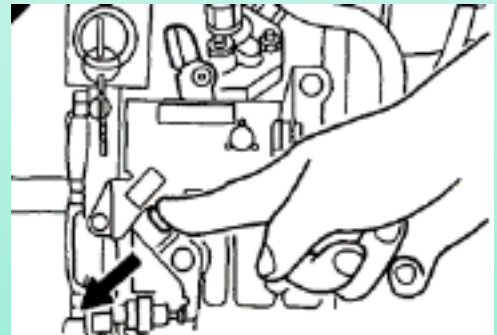
1. Check the fuel gauge
2. Check is the speed control level is in "HIGH" position
3. Disconnect the high pressure pipe on the side of the injection pump, and set the speed control level to the "HIGH" speed position

Is your battery well charged?

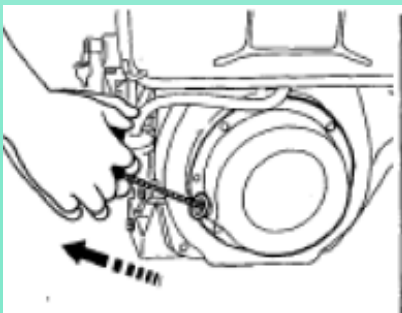
1. If the battery for the electric starter is discharged, the engine does not start. Change the battery then try starting again
2. Check wiring, especially connectors for tightness



Once the engine is running, start the engine with the speed adjust lever at LOW speed and allow the engine to warm up. Increase the speed by moving the level to the right



Before stopping the engine, reduce the speed of the motor for a few minutes before pressing the stop button to kill the engine



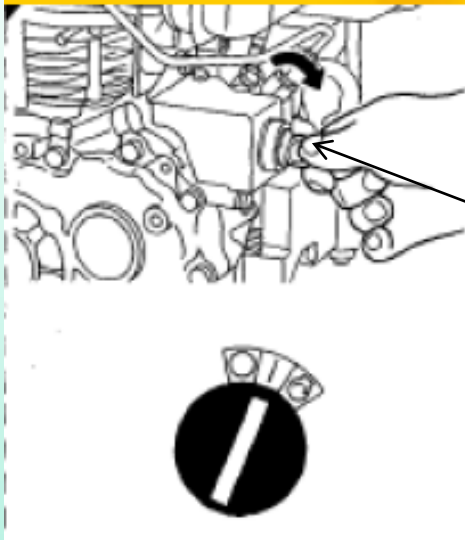
NOTE: When the key is either at the STOP position or is being pulled out the key switch while engine is running, the battery is not being charged.

Pull the recoil starter knob slowly and when you feel resistance, return to its original position

Be sure to pull the recoil starter knob forcibly

Pull the starter knob swiftly with both hands

Do not pull out the rope all the way



Do not run the starter motor for more than 5 seconds

If the engine failed to start, set the key to RUN position and wait for 10 seconds and try starting again

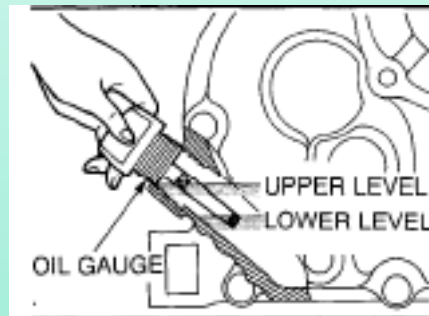
Key switch

Insert the key into the key slot and turn it to the RUN position

Turn it to the right (START position) to start the engine

Never turn the key switch to START position when the engine is running

After stopping the engine, be sure to set the key switch at the STOP position



FILLING ENGINE OIL

Place the engine horizontally and pour oil up to the upper level of the oil gauge (approx. 0.9 litres)

Do not use gasoline engine oil

Use diesel engine oil only

Do not screw the dip stick in when checking the oil

Use automobile diesel fuel

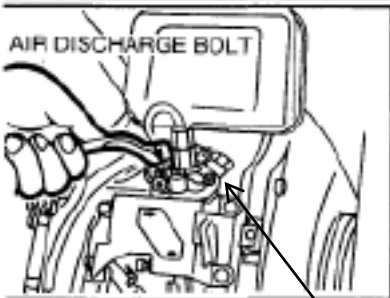
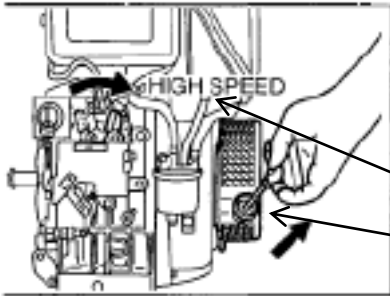
Fuel should be clean and fresh

Fuel around the bottom of drum contains dirt, impurities and water. If contaminated fuel is used, the fuel injection pump and nozzle may be clogged

Fuel tank capacity is 3.2 litres

If the fuel is split while refilling, wipe of thoroughly

Stop the engine first, then refill the fuel



When starting the new engine for the first time, or restarting the engine after it has stopped due to fuel shortage, discharge air from fuel system in the following procedure.

1. Set the speed control level to the "HIGH" speed position
2. Pull the recoil starter slowly two to three times. The air will be discharged automatically

Discharge air discharge from fuel system is require. In the following conditions:

- Starting the new engine for the first time
- Restarting the engine after the engine has stopped due to fuel shortage
- Starting the engine after fuel filter cleaning

1. Open the fuel cock
2. With a 2.45" (10mm spanner), loose the air discharge bolt of the fuel injection pump and let fuel flow out until air bubbles disappear
3. After finishing the above work, retighten the air discharge bolt
4. Set the speed control lever to the HIGH speed position

5. Loosen the cap nut and detach the injection pipe from the injection nozzle

6. Pull the recoil starter slowly until sufficient fuel are injected from the injection pipe

7. Attach the injection pipe to the injection nozzle tightening the cap nut securely

NOTE: If the fuel tank is refilled before it becomes empty, air discharging work is unnecessary.

When discharging air from fuel system, be sure to fill fuel tank with enough fuel.