

# Starting & Stopping the Engine

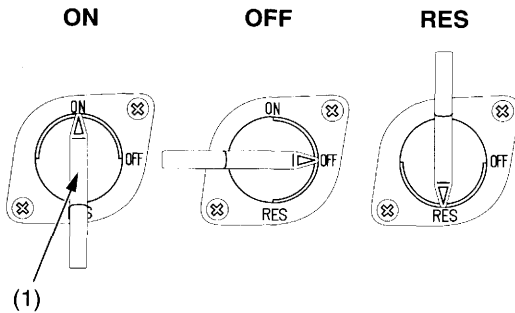
Always follow the proper starting procedure described below.

Your CRF can be started with the transmission in gear by pulling in the clutch lever before operating the kickstarter or start button.

## Preparation

Make sure that the transmission is in neutral.

## Fuel Valve



(1) fuel valve

The three-way fuel valve is used to control the flow of fuel from the fuel tank to the carburetor.

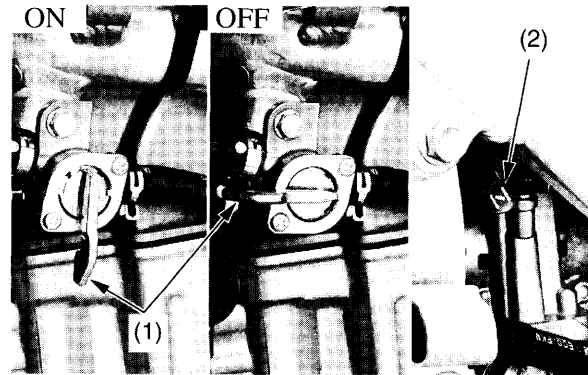
**ON**—Turning the fuel valve ON before attempting to start the engine allows fuel to flow from the fuel tank to the carburetor.

**OFF**—Turning the fuel valve OFF prevents the flow of fuel from the fuel tank to the carburetor.

**RES**—Turning the fuel valve to RES allows fuel to flow from the reserve fuel supply to the carburetor.

## Starting Procedure

Always follow the proper starting procedure described as follow.



(1) fuel valve

(2) choke knob

Check the engine oil, transmission oil and coolant levels before starting the engine (pages 44, 47, 48).

To restart a warm engine, follow the procedure for “High Air Temperature.”

### Normal Air Temperature 10°C – 35°C (50°F – 95°F)

1. Turn the fuel valve (1) ON.
2. Pull the choke knob (2) fully ON, if the engine is cold.
3. Keep the throttle fully closed.
4. Pull the clutch lever all the way in, and depress the start button. Or operate the kickstarter to start the engine. Starting from the top of the stroke, kick through to the bottom with a rapid, continuous motion. Do not operate the throttle.

### NOTICE

*Allowing the kickstarter to snap back freely against the pedal stop can damage the engine case.*

5. Warm up the engine; don't operate the throttle.
6. About 15 seconds after the engine starts, push the choke knob back all the way to fully OFF. If idling is unstable, open the throttle slightly.

### NOTICE

*Extended use of the choke may impair piston and cylinder wall lubrication and damage the engine.*

### High Air Temperature 35°C (95°F) or above

1. Turn the fuel valve ON.
2. Do not use the choke.
3. Keep the throttle fully closed.
4. Start the engine following step 4 under “Normal Air Temperature.”

### Low Air Temperature 10°C (50°F) or below

1. If the temperature is below 0°C (32°F), open the throttle two or three times. (The engine requires a richer mixture for starting in cold weather. When the throttle is so opened, the accelerator pump will feed extra fuel to the cylinder, thereby facilitating starting in cold weather.)
2. Follow steps 1 – 4 under “Normal Air Temperature.”
3. Continue warming up the engine until it runs smoothly and responds to the throttle when the choke knob is pushed back all the way to fully OFF.

### NOTICE

*Extended use of the choke may impair piston and cylinder wall lubrication and damage the engine.*