Starting the Engine

**WARNING**

**HAZARD**
Running the engine without ventilation.

**WHAT CAN HAPPEN**
Breathing exhaust gas leads to carbon monoxide poisoning, asphyxiation, and death. Exhaust gases contain carbon monoxide; a colorless, odorless, poisonous gas.

**HOW TO AVOID THE HAZARD**
Do not start or run the engine in a closed area such as a garage.

- Turn the fuel tap lever to the "ON" position.
- Check that the engine stop switch is in the "RUN" position.
- Turn the ignition key to "ON".
- Apply the parking brake.
- Make sure the transmission is in neutral. The neutral indicator light should be lit.
- When the engine is cold (same as outside temperature), pull the choke lever all the way to the left. Keep the throttle completely closed.

**NOTE**
- Do not leave the choke lever pulled to the left longer than necessary or the spark plug may foul. When the engine is already warm or the weather is hot (35°C, 95°F or more), do not use the choke. Leave the throttle closed.

- For KLF400, when the atmospheric temperature is −20°C (−4°F) or less, pump the priming knob five times with the choke lever pulled all the way to the left.
- For KLF220, 300B/C, push the starter button or pull up the compression releasing lever and vigorously pull the recoil starter handle all the way up. Repeat until the engine starts.
- For KLF400, push the starter button or kick the pedal (see the Kick Pedal section in the General Information chapter). Repeat until the engine starts.

**CAUTION**

Do not operate the electric starter continuously for more than 5 seconds. The starter will overheat and the battery power will drop temporarily. Wait 15 seconds between each operation of the starter to let it cool and the battery power recover. Do not let the engine idle longer than five minutes or engine overheating and damage may occur.
NOTE

- If the engine is flooded, push the choke lever all the way to the right. Then crank the engine over with the throttle fully open until the engine starts. Close the throttle immediately.

Moving Off

- For KLF300C, select the desired sub-transmission range.
- Lift the shift pedal with your toe to engage 1st or SL (Super Low: KLF400 only) gear.
- Release the parking brake.
- Gradually increase engine speed by pushing forward on the throttle lever.

NOTE

- Practice starting and stopping (using the brakes) until you are familiar with the controls.
- Use SL (Super Low) gear when maximum torque is needed such as for climbing hills, pulling a trailer, or keeping constant low speeds for agricultural use. Be careful not to overheat the engine. For normal starting use 1st gear.