

Owner 's Manual for Honda 2019 CRF110F

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Operating Controls

Ignition Switch

The ignition switch (1) is used to prevent unauthorized use of the motorcycle. Before riding, insert the key and turn it to the right for the (ON) position.

Start Button

The start button is used for starting the engine. Pushing the button in starts the engine. See Starting Procedure, page 31. When the start button is pushed, the starter motor will crank the engine.

Engine Stop Switch

The engine stop switch can be used to turn the engine off in an emergency. To operate, turn the switch to the (STOP) position. The switch must be in the (RUN) position to start the engine.

Front Brake Lever

The front brake lever is used to slow or stop your motorcycle. To operate, pull the lever. For information on braking techniques, see page 36.

Throttle

The throttle controls engine rpm (speed). To increase engine rpm, rotate the grip toward you. To reduce engine rpm, rotate the grip away from you. The throttle will automatically return to the

closed position (engine idle) when you remove your hand. For throttle limiter activation and deactivation instructions, see page 73.

Shift Lever

The shift lever is used to select the next higher or lower gear in the transmission. To operate, raise the shift lever (after closing the throttle) to engage the next higher gear or depress the shift lever to engage the next lower gear. See *Shifting Gears*, page 34.

Rear Brake Pedal

The rear brake pedal is used to slow or stop your motorcycle. To operate, depress the pedal. For information on braking techniques, see page 36.

Kickstarter

The kickstarter is used to start the engine. To operate, swing the kickstarter out from its stored position and depress it through its entire stroke. See *Starting Procedure*, page 31.

Side Stand

The side stand is used to support your motorcycle while parked (page 37). To operate, use your foot to lower the stand. Before riding, raise the stand.

PGM-FI Malfunction Indicator Lamp (MIL)

Lights when there is any abnormality in the PGM-FI (Programmed Fuel Injection) system. The indicator should also light for a few seconds and then go off when the ignition switch is turned on. If the indicator does not come on when it should, have your dealer check for problems. If it comes on at any other time, reduce speed and take the motorcycle to your dealer as soon as possible.

Fuel Reserve Indicator

When this indicator comes on while riding, fuel reserved in the tank is about: 0.2 US gal (0.7) The indicator should also light for a few seconds and then go off when the ignition switch is turned on. If the indicator does not come on when it should, have your dealer check for problems.

Ignition Indicator

When the ignition switch is turned on, the ignition indicator comes on. If the indicator does not come on when it should, have your dealer check for problems.

Basic Operation & Riding

Starting & Stopping the Engine

Always follow the proper starting procedure described below.

Preparation

Before starting, insert the key and turn the ignition switch (ON). Make sure that the transmission is in neutral, the engine stop switch is at (RUN) and the PGM-FI malfunction indicator lamp (MIL) is off.

Starting Procedure

This motorcycle has a fuel-injected engine. Follow the procedure indicated below.

Any Air Temperature

1. (Using the start button) With the throttle completely closed, press the start button. (Using the kickstarter) Lightly depress the kickstarter until resistance is felt. Then let kickstarter return to the top of its stroke. With the throttle completely closed, operate the kickstarter starting from the top of the stroke, kick through to the bottom with a rapid, continuous motion.

2. If you cannot start the engine, open the throttle slightly (about 0.1 in (3 mm), without freepaly).

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

Flooded Engine

If the engine fails to start after repeated attempts, it may be flooded with excess fuel. To clear a flooded engine:

Using The Start Button

1. Open the throttle fully.
2. Press the start button for 5 seconds.
3. Follow the normal engine starting procedure (page 31).

Using The Kickstarter

1. Turn the engine stop switch to (STOP).
2. Open the throttle fully.
3. Crank the engine several times with the kickstarter.
4. Turn the engine stop switch to (RUN).
5. Follow the normal engine starting procedure (page 31).

Bank Angle Sensor Ignition Cut-off System

Your motorcycle's banking (lean angle) sensor system is designed to automatically stop the engine and fuel pump if the motorcycle is overturned.

How to Stop the Engine

To stop the engine, shift into neutral, and turn the ignition switch to the (OFF) position.

Shifting Gears

Your motorcycle has four forward gears. To start riding, after the engine has been warmed and the side stand raised:

1. Close the throttle and pull the front brake lever in.
2. Raise the shift lever from neutral up to first gear.
3. Release the front brake. Gradually open the throttle.
4. When you attain a moderate speed, close the throttle and raise the shift lever. After shifting, apply the throttle.
5. To continue shifting up to each higher gear, repeat step 4.
6. To shift down to a lower gear, close the throttle and depress the shift lever. After shifting, apply the throttle.

Remember to close the throttle before shifting.

NOTICE : Improper shifting may damage the engine, transmission, and drive train.

Learning when to shift gears comes with experience. Upshift to a higher gear or reduce throttle before engine rpm (speed) gets too high. Downshift to a lower gear before you feel the engine laboring (lugging) at low rpm.

NOTICE

- Downshifting can help slow your motorcycle, especially on downhills. However, downshifting when engine rpm is too high can cause engine damage.
- To prevent transmission damage, do not coast or tow the motorcycle for long distances with the engine off

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

