**Choke Lever**

The choke lever on the left handlebar provides a rich mixture for cold starting conditions.

Pull the choke lever all the way to the left to start the engine. Warm the engine up by operating the choke lever and throttle until the idle speed is stable, then push the choke lever all the way back to the right.

**NOTE**

*If the choke is left on (lever to the left) too long after the engine has warmed up, it will cause spark plug fouling and poor fuel economy.*

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**Brake Lever(s) and Pedal**

The lever on the right side of the handlebar operates the front brake.

A. Brake Lever

For KLF220, 300C and 400, the lever on the left side of the handlebar operates the rear brake, and it can be used for a parking brake by using the brake lever lock at the brake lever (see Brake Lever Lock).

The foot pedal on the right side of the engine also operates the rear brakes.
For KLF300B, the foot pedal can be used for a parking brake by using the parking brake lever at the brake pedal (see Parking Brake Lever).
The KLF300C and 400 are 4WD type. On these 4WD ATV's, all wheels (front and rear) are constantly driven by the drive train. This means that applying either the front brake (the right-hand brake lever) or the rear brake (the left-hand brake lever or the brake pedal) brakes both the front and rear wheels. Any brake application will brake the downhill wheels when climbing or descending hills. So, avoid sudden application of either the front or rear brakes. Apply both front and rear brakes gradually.

Refer to the How To Ride and Safe Operation chapters for more instructions on braking.

KLF220, KLF300B:

⚠️ WARNING

HAZARD
Stalling, rolling backwards or improperly dismounting while climbing a hill.

WHAT CAN HAPPEN
Could result in ATV overturning.

HOW TO AVOID THE HAZARD
Use proper gear and maintain steady speed when climbing a hill.
If you lose all forward speed:
  - Keep weight uphill.
  - Apply the brakes.
  - Lock parking brake, after you are stopped.
If you begin rolling backwards:
  - Keep weight uphill.
  - Never apply the rear brake while rolling backwards.
  - Apply the front brake.
  - When fully stopped, apply rear brake as well, and then lock parking brake.
Dismount on uphill side or to a side if pointed straight uphill.
Turn the ATV around and remount, following the procedure described in the Safe Operation chapter.
KLF300C, KLF400:

<table>
<thead>
<tr>
<th>WARNING</th>
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<tr>
<td>HAZARD</td>
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</table>
Stalling, rolling backwards or improperly dismounting while climbing a hill.

WHAT CAN HAPPEN
Could result in ATV overturning.

HOW TO AVOID THE HAZARD
Use proper gear and maintain steady speed when climbing a hill.
If you lose all forward speed:
  - Keep weight uphill.
  - Apply the brakes.
  - Lock parking brake, after you are stopped.
If you begin rolling backwards:
  - Keep weight uphill.
  - Never apply either front or rear brakes suddenly while rolling backwards.
  - Apply both front and rear brakes gradually.
  - When fully stopped, lock parking brake.
Dismount on uphill side or to a side if pointed straight uphill.
Turn the ATV around and remount, following the procedure described in the Safe Operation chapter.

Brake Lever Lock (Parking Brake)
- except KLF300B
  - If the brake lever lock is used, the rear brake lever can be used as a parking brake.
  - To lock the brake lever, first pull in the brake lever. Then pull in the lock lever and while holding it against the brake lever, release the brake lever. When applied correctly the lock lever will contact a projection on the brake lever holder and prevent the brake lever from returning to the off position.
  - To unlock the brake lever, pull in the brake lever further and release it.

<table>
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<tr>
<th>CAUTION</th>
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</table>
The brake light goes on whenever you apply the parking brake. If you leave the brake light on for a long time, the battery may become totally discharged. Whenever you leave the vehicle, turn off the ignition key.
Parking Brake Lever – on KLF300B

If the parking brake lever is used, the rear brake pedal can be used as a parking brake.

To lock the parking brake lever, push down the brake pedal and turn the parking brake lever to fit the parking brake lever into the ratchet on the brake pedal. Then release the brake pedal.

To unlock the parking brake lock, push down the brake pedal further and release it.

**CAUTION**

The brake light goes on whenever you apply the parking brake. If you leave the brake light on for a long time, the battery may become totally discharged. Whenever you leave the vehicle, turn off the ignition key.
The differential mode is useful for vehicle operation on lawns and golf course fairways where minimum surface disturbance is desired. In addition, this axle position is advantageous for use around campgrounds or when towing a trailer.

To shift to differential (unlocked-axle) mode follow this procedure:
1. Stop the vehicle completely and put the transmission into neutral.
2. Pull up the differential shift lever all the way.

**NOTE**
- If the differential shift lever cannot be operated smoothly, turn the handlebar right or left and roll the vehicle slightly to help shifting.

**Front and Rear Racks**
This vehicle is equipped with racks on the front and rear.

<table>
<thead>
<tr>
<th>WARNING</th>
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<tbody>
<tr>
<td>HAZARD</td>
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<tr>
<td>Overloading front and rear racks or carrying cargo improperly.</td>
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<tr>
<td>WHAT CAN HAPPEN</td>
</tr>
<tr>
<td>Could cause changes in vehicle handling which could lead to an accident.</td>
</tr>
<tr>
<td>HOW TO AVOID THE HAZARD</td>
</tr>
<tr>
<td>Never exceed the stated load capacity for each rack. Cargo should be properly distributed and securely attached. Reduce speed when carrying cargo. Allow greater distance for braking. Always follow the instructions in your Owner's Manual for carrying cargo.</td>
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<tr>
<th>Maximum Load (Rack)</th>
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<tbody>
<tr>
<td>Model</td>
</tr>
<tr>
<td>KLF220</td>
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<tr>
<td>KLF300B/C</td>
</tr>
<tr>
<td>KLF400</td>
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</tbody>
</table>
Vehicle Maximum Load

Weight of rider and cargo must not exceed the following load capacity.

- KLF220 – 130 kg (285 lb)
- KLF300B – 182 kg (400 lb)
- KLF300C – 195 kg (430 lb)
- KLF400 – 205 kg (452 lb)

Fuel Gauge

The fuel gauge shows the amount of fuel in the fuel tank. When the needle comes near the E(empty) position, refuel at the earliest opportunity.

Shovel Holder

This vehicle is equipped with a shovel holder.
Fuel Tank

The following octane rating gasoline is recommended in the fuel tank. Avoid filling the tank in the rain or where heavy dust is blowing so that the fuel does not get contaminated.

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A. Fuel Tank

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**WARNING**

WARNINGS indicate a potential hazard that could result in personal injury or death.

---

**WARNING**

**HAZARD**
Refueling without following proper precautions.

**WHAT CAN HAPPEN**
Gasoline is extremely flammable and can be explosive under certain conditions.

A fire or explosion can cause severe injury or death.

**HOW TO AVOID THE HAZARD**
- When refueling, do not smoke. Turn the ignition key to "OFF". Make sure the area is well ventilated and free from any source of flame or sparks; this includes any appliance with a pilot light.
- Never fill the tank completely to the top! Heat may cause the fuel to expand and overflow through the vent in the tank cap.
- After refueling, make sure the fuel tank cap is closed securely.
- If gasoline is spilled on the fuel tank, wipe it off immediately.
Fuel Requirement:
Your Kawasaki engine is designed to use unleaded gasoline. However, if suitable gasoline is not available then PREMIUM, SUPER or FOUR-STAR gasolines may be used.

CAUTION
Use of leaded gasoline is illegal in some countries, states or territories. Check local regulations before using leaded gasoline.

CAUTION
Do not use alcohol or "gasohol" in this vehicle. It has not been tested and certified for use with such fuels. Damage to the vehicle may result from the use of improper fuel.

Octane Rating
The octane rating of a gasoline is a measure of its resistance to detonation or "knocking." The term commonly used to describe a gasoline's octane rating is the Research Octane Number (RON). Always use a gasoline with an octane rating equal to, or higher than, Research Octane Number (RON) 91.

NOTE
- If "knocking" or "pinging" occurs, use a different brand of gasoline or higher octane rating.
Fuel Tap

The fuel tap has three positions: ON, OFF, and RES (reserve). If the fuel runs out with the tap in the ON position, the last 2.0 L (0.53 US gal) [KLF300B: 1.7 L (0.45 US gal)] of fuel can be used by turning the fuel tap lever to RES. When transporting or storing the vehicle, turn the fuel tap lever to OFF.

A. Fuel Tap
B. RES position
C. OFF position
D. ON position

NOTE

○ Since riding distance is limited when on RES, refuel at the earliest opportunity.
○ Make certain that the fuel tap lever is turned to ON (Not RES), after filling the fuel tank.
**Ignition Switch**

The ignition switch is mounted in the center of the handlebar in the plastic cover (KLF220: on the right side of the fuel tank cover). It is a 2-position, key-operated switch. The key can be removed only when in an "OFF" position. The lights, ignition, and electric starter will operate only when the key is in the "ON" position. Remove the key to prevent unauthorized vehicle use.

**KLF300B/C, 400:**

A. Ignition Switch  
B. ON position  
C. OFF position

**KLF220:**

A. Ignition Switch  
B. ON position  
C. OFF position

Blank keys are available at your Kawasaki dealer. Ask your dealer to make any additional spare keys you may need, using your original key as a master.

**NOTE**

- Only blank keys are available.

Write your key number here.
Indicator/Warning Lights
The indicator lights are next to the ignition switch and the warning light (KLF400 only) is in the speedometer face.

**NEUTRAL:** When the transmission is in neutral, the neutral indicator light is lit.

**REVERSE:** When the transmission is in reverse gear, the reverse indicator light is lit.

**TEMP:** The coolant temperature warning light comes on whenever the coolant temperature rises to 115°C (239°F) or higher while the vehicle is in operation. If it stays on, stop the engine and check the coolant level in the reserve tank after the engine cools down.

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**CAUTION**

Do not let the engine continue running with a warning light on. Prolonged engine operation can result in engine damage from overheating.
Left Handlebar Switches

Light/Dimmer Switch

The switch positions are identified on the housing. Headlight, taillight, and an auxiliary headlight or other optional light can be on by turning the switch to LO (low beam) or HI (high beam) with the ignition key in the ON position. Select high or low beam as necessary.

Engine Stop Switch

In addition to the ignition switch, the engine stop switch must be in the "RUN" position for the engine to operate. If some emergency requires stopping the engine, turn the engine stop switch to the "OFF" position.

Although the engine stop switch stops the engine, it does not turn off all the electrical circuits. If the engine stop switch is used, be sure to turn off the ignition switch after stopping the vehicle.

Starter Button

Refer to the Starting the Engine section of the "How to Ride" chapter for starting instructions.

To start the engine, push the starter button with the transmission in neutral.

NOTE

For the electric starter to operate, the engine stop switch must be set to the "RUN" position, the ignition switch must be turned to the "ON" position, and the transmission must be in neutral.

Horn Button

When the horn button pushed, the horn sound.
Recoil Starter - except KLF400

Refer to the Starting the Engine section of the "How to Ride" chapter for starting instructions.

The recoil starter is located on the left side of the engine. Always be sure the transmission is shifted into neutral before starting the engine. Pull up the compression releasing lever, then pull the handle all the way up vigorously to start the engine.

A. Recoil Starter

NOTE

In order for the engine to run, the engine stop switch must be set to the "RUN" position, the ignition switch must be turned to the "ON" position, and the transmission must be in neutral.
Kick Pedal – on KLF400

The kick pedal is stored in the trunk.

If the engine will not start with the starter button, first remove the rubber cap from the kick shaft end on the right side of the engine, then install the kick pedal onto the kick shaft and tighten the mounting bolt securely as shown. After the engine has started, remove the kick pedal and store it in the trunk. Be sure to secure the pedal with the rubber bands and reinstall the rubber cap.

A. Tool Kit
B. Kick Pedal
C. Rubber Bands

Priming Knob – on KLF400

The priming knob is located to the left of the carburetor. Pumping the knob primes the carburetor to make engine starting easier at ultra-low temperatures. Refer to the Starting the Engine section of the "How to Ride" chapter.

A. Priming Knob
Reverse Knob

This vehicle is equipped with a reverse gear. The reverse knob is located next to the ignition switch (KLF220: mounted in the left side of the fuel tank cover).

To shift into reverse follow this procedure:
1. Start the engine following the procedure in the “Starting the Engine” section.
2. Make certain the vehicle is completely stopped, the transmission is in neutral, and the engine is idling.
3. Turn the reverse knob clockwise and press down the shift pedal into reverse gear.
4. Release the reverse knob and shift pedal.
5. The vehicle can now be operated in reverse.
   To shift out of reverse follow this procedure:
   1. Stop the vehicle completely.
   2. Lift the shift pedal up to neutral.

### WARNING

#### HAZARD
Shifting into 1st or 2nd (Super Low: KLF400 only) gear while moving in reverse.

#### WHAT CAN HAPPEN
Can cause the vehicle to stop suddenly and go forward. This can lift the front wheels off the ground and cause the operator to lose control. Or the vehicle can tip over backwards causing an accident.

#### HOW TO AVOID THE HAZARD
Never operate the shift pedal to change gears while the vehicle is moving in reverse.

### WARNING

#### HAZARD
Improperly operating in reverse.

#### WHAT CAN HAPPEN
You could hit an obstacle or person behind you, resulting in serious injury or death.

#### HOW TO AVOID THE HAZARD
When you select reverse gear, make sure there are no obstacles or people behind you. When it is safe to proceed, go slowly.

A. Reverse Knob
Shift Pedal

The transmission is a 5-speed return shift type with reverse. Neutral is located between first gear [KLF400: SL (Super Low) gear] and reverse gear as shown.

KLF220, 300B/C:

KLF400:

A. Shift Pedal

A "return shift" means that to go back to first gear [KLF400: SL (Super Low) gear] from a higher gear, you must shift back through the gears one by one. The same is true when upshifting: each gear must be engaged before the next higher gear may be selected.

To engage first gear [KLF400: SL (Super Low) gear] from neutral (indicated by the neutral indicator light), lift up on the shift pedal then release the shift pedal. Do likewise to shift into the next higher gear.

To shift to the next lower gear, press down on the shift pedal and release the shift pedal.

Before shifting into reverse, put the transmission in neutral. Then turn the reverse knob clockwise and press the shift pedal into reverse gear. Release the reverse knob
CAUTION
The vehicle must be stopped when shifting from one range to another.

Speedometer
KLF220, 300B/C:
The speedometer shows the speed of the vehicle. In the speedometer face is the odometer. The odometer shows the total distance that the vehicle has been ridden.
KLF400:

The speedometer shows the speed of the vehicle. In the speedometer face are the odometer, trip meter, and coolant temperature warning light. The odometer shows the total distance that the vehicle has been ridden. The trip meter shows the distance traveled since it was last reset to zero. The trip meter can be reset to zero by turning the reset knob counterclockwise. Refer to the Indicator/Warning Lights section.

Throttle Lever

The throttle lever is located on the right side of the handlebar. Pushing the lever forward increases engine speed. When released, spring pressure returns the lever to the rear. Always check that the throttle lever returns normally before starting the engine. In addition, there must be adequate throttle cable play. Refer to the MAINTENANCE AND ADJUSTMENT chapter for the throttle cable adjustment procedure.
Throttle Limiter

The vehicle is equipped with a throttle limiter to decrease maximum engine power for an unskilled rider. The limiter functions by restricting the moving distance of the throttle lever.

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**HAZARD**
Operating this ATV without proper instruction.

**WHAT CAN HAPPEN**
The risk of an accident is greatly increased if the operator does not know how to operate the ATV properly in different situations and on different types of terrain.

**HOW TO AVOID THE HAZARD**
Beginning and inexperienced operators should complete the certified training course offered by Kawasaki. They should then regularly practice the skills learned in the course and the operating techniques described in the Owner’s Manual.

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**HAZARD**
Operating this ATV at excessive speeds.

**WHAT CAN HAPPEN**
Increases your chances of losing control of the ATV, which can result in an accident.

**HOW TO AVOID THE HAZARD**
Always go at a speed that is proper for the terrain, visibility and operating conditions, and your experience.

Loosen the locknut and turn the screw in or out. Turning in decreases the maximum engine power and turning out increases the maximum engine power.
Trailer Hitch Bracket

This vehicle is equipped with a bracket for a trailer hitch. Trailer towing equipment is not supplied with this vehicle.

To avoid injury and property damage, observe the following precautions:

A. Trailer Hitch Bracket

WARNING

HAZARD
Improperly attaching and loading a trailer.
Overloading a trailer.

WHAT CAN HAPPEN
Can cause changes in vehicle handling which could lead to an accident.

HOW TO AVOID THE HAZARD
Attach a trailer to the trailer hitch bracket only. For example, attaching a trailer to the grab rail can cause the vehicle to tip over. Never load more than 14 kg (30 lb) for KLF220, KLF300B/C and 40 kg (88 lb) for KLF400 tongue weight on the towing bracket. Do not tow more than 204 kg (450 lb) for KLF220, 317 kg (700 lb) for KLF300B/C and 500 kg (1,100 lb) for KLF400 trailer weight (trailer plus cargo).

WARNING

HAZARD
Riding in a trailer.

WHAT CAN HAPPEN
Can cause the operator to lose control of the vehicle. The passenger can be thrown from the trailer or hurt by shifting cargo in the trailer.

HOW TO AVOID THE HAZARD
Never carry a passenger in a trailer.