Climbing Hills
Do not attempt to climb hills or steep inclines until you have mastered the controls and basic riding techniques of this vehicle. Then practice hill climbing techniques on gentle slopes first before you graduate to steeper hills.

WARNING
HAZARD
Climbing hills improperly.

WHAT CAN HAPPEN
Could cause loss of control or cause ATV to overturn.

HOW TO AVOID THE HAZARD
Always follow proper procedures for climbing hills as described in the Owner's Manual.
Always check the terrain carefully before you start up any hill.
Never climb hills with excessively slippery or loose surfaces.
Shift your weight forward.
Never open the throttle suddenly or make sudden gear changes. The ATV could flip over backwards.
Never go over the top of any hill at high speed. An obstacle, a sharp drop, or another vehicle or person could be on the other side of the hill.

Remember:
○ Never operate in differential mode where there is possibility for either rear wheel to rise off the ground.

For KLF300B, do not operate this vehicle in the differential mode while climbing hills. If either rear wheel leaves the ground, it will spin freely, and the wheel on the ground will transmit very little power causing the vehicle to lose momentum. Then, when the spinning wheel
touches the ground, it may grab abruptly, causing the operator to lose control and have an accident.

For KLF300B:

**WARNING**

**HAZARD**
Lifting either rear wheel off the ground while climbing hills in differential mode.

**WHAT CAN HAPPEN**
Can cause the operator to lose control by the sudden grabbing of the wheel when it touches the ground again.

**HOW TO AVOID THE HAZARD**
Never climb hills in differential mode.

Don’t attempt to climb hills that are too steep for the ATV or for your abilities. When climbing a hill, lean forward to keep the front wheels from lifting. On steeper hills you may need to stand and lean forward for even more weight transfer. The front wheels must be kept on the ground so you can steer and also to prevent the possibility of tipping over backwards.

**WARNING**

**HAZARD**
Operating on excessively steep hills.

**WHAT CAN HAPPEN**
The vehicle can overturn more easily on extremely steep hills than on level surfaces or small hills.

**HOW TO AVOID THE HAZARD**
Never operate the ATV on hills too steep for the ATV or for your abilities. Practice on smaller hills before attempting larger hills.
Avoid hills with slippery sides that will cause you to lose traction. Do not climb hills where you cannot see far enough ahead. If you cannot see what is on the other side of the crest of a hill, slow down until you can get a clear view. Do not try to climb a hill in too high a gear. Speed up before ascending the hill. Select a low enough gear to reach the top without downshifting or losing momentum. Don't apply power suddenly or change gears while climbing, or the front wheels might rise off the ground. If the vehicle doesn't have enough power to reach the top of a hill and starts to lose forward momentum, turn around and ride downhill if you have enough space.

**WARNING**

<table>
<thead>
<tr>
<th>HAZARD</th>
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<tr>
<td>Improperly turning on hills.</td>
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**WHAT CAN HAPPEN**

Could cause loss of control or cause ATV to overturn.

**HOW TO AVOID THE HAZARD**

Never attempt to turn the ATV around on any hill until you have mastered the turning technique as described in this manual on level ground. Be very careful when turning on any hill.

**KLF220, 300B:**

If the vehicle stalls on a hill, apply the brakes before the vehicle starts to roll backwards. If the vehicle should start to roll backwards on a hill, dismount to the side immediately or try to stop using the front brake only. You may tip the vehicle over backwards if you use the rear brake after the vehicle starts to roll backwards, or if you try to apply power while rolling backwards; use the front brake only to stop the vehicle. If you are stopped on a hillside, apply the parking brake and carefully dismount on the uphill side of the vehicle (so it cannot roll over onto you). To turn the machine around, drag the rear end of the ATV uphill as far as possible. Remount the ATV from the uphill side if it is not facing straight downhill. Then, while keeping as much of your weight as possible on the uphill side, turn the handlebars downhill. Release the parking brake and ride downhill.
**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, 400:**

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.

If the vehicle stalls on a hill, apply the brakes before the vehicle starts to roll backwards. If the vehicle should start to roll backwards on a hill, dismount to the side immediately or apply the brakes gradually. You may tip the vehicle over backwards if you apply either the front or rear brakes suddenly after the vehicle starts to roll backwards, or if you try to apply power while rolling backwards. If you are stopped on a hillside, apply the parking brake and carefully dismount on the uphill side of the vehicle (so it cannot roll over onto you). To turn the machine around, drag the rear end of the ATV from the uphill side if it is not facing straight downhill. Then, while keeping as much of your weight as possible on the uphill side, turn the handlebars downhill. Release the parking brake and ride downhill.
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 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.

Remember:
○ Some hills are too steep. Use common sense.
○ For KLF300B, never climb hills in differential mode.
○ Never ride past your limit of visibility. If you can't see what is on the other side of the crest of a hill, slow down until you can get a clear view.
○ Use a low gear.
○ For KLF220 and 300B, don't let the vehicle roll backward. If it does, use only the front brake.
○ For KLF300C and 400, don't let the vehicle roll backward. If it does, avoid sudden braking.
○ If you get stuck on a hill, set the parking brake and dismount on the uphill side.