



April 23, 2013

RE: Rapid Response clutch system - 2013 Wildcat, Wildcat 4, and Wildcat X

Dear Arctic Cat Wildcat Dealer,

In an effort to communicate proper vehicle usage and drive belt care, we are sending the attached letter to registered owners of all 2013 Wildcat models.

■ **NOTE: Registered owners of all 2013 Wildcat models will be sent a letter and the 2013 Wildcat Operator Manual Update.**

Thank you for your continued support.

Sincerely,
Product Service and Warranty Department
Arctic Cat Sales Inc.



April 45, 2013

RE: Rapid Response clutch system - 2013 Wildcat, Wildcat 4, and Wildcat X

Dear Arctic Cat Wildcat Owner,

The initial calibration of the Rapid Response clutch system on the Wildcat, Wildcat 4, and Wildcat X was designed for the best overall experience for a variety of operating conditions. Arctic Cat wishes to ensure you get the maximum performance, durability, and reliability out of your vehicle.

Under certain operating circumstances such as using over-sized tires, changes to drive clutch and driven clutch components may be desirable. In addition to properly calibrating your vehicle for your riding situation, it is important to practice proper drive belt break-in, high/low range usage, and engine/clutch cooling.

Proper Drive Belt Break-In Procedure:

New drive belts require a break-in period of approximately 25 miles. During this period, drive the vehicle for 25 miles at 3/4 throttle or less while varying throttle position (but not exceeding 40 mph). By varying throttle position, the exposed cord on the side of a new belt will be conditioned allowing the drive belt to gain its optimum flexibility and will extend drive belt life.

Proper High/Low Range Usage:

Use High Range only when operating in light-load conditions such as flat or hard-packed surface operation, lightly loaded vehicles, or in conditions where obstacles will not be crossed (similar to the Overdrive feature on some automotive vehicles).

Use Low Range when operating in heavy-load conditions such as starting out on a hill, loading onto a trailer, operating on soft terrain (mud, sand, etc.), rock climbing, driving over obstacles (logs, rocks, etc.), operating in conditions where maximum torque is required, or having four adults in the vehicle (Wildcat 4). Failure to do so may result in drive belt and/or clutch damage.

■ **NOTE: When applying throttle and the tires are not rotating, you can cause belt damage.**

CAUTION

Increasing engine RPM above idle while in Park will cause belt damage.

Proper Engine/Clutch Cooling:

After operating the vehicle, always let the engine idle for a minimum of one minute. This allows circulating coolant to cool the engine, oil to circulate through the oil cooler, and the clutch fan to dissipate heat from the drive belt area. These factors greatly reduce internal engine and drive belt temperatures.

■ **NOTE: See the attached 2013 Wildcat Operator Manual update for more detailed information.**

If you have any questions regarding your 2013 Wildcat, Wildcat 4, or Wildcat X, please contact your authorized Arctic Cat ROV dealer.

Sincerely,

Service and Warranty Department
Arctic Cat Sales Inc.

2013 Wildcat Operator Manual Update

Situation	Operator Guideline
Transmission in park	Do not increase engine RPM above idle while in Park as the clutch will engage and cause possible belt damage.
Engine and belt warm (including low temperatures)	Before operating, place the transmission in Neutral (keep brake applied) and vary engine RPM several times. Allow the engine to warm up for a minimum of two minutes. Operate under 30 MPH (48 km/h) for the first two miles or the first five miles when temperature is below freezing.
New drive belt	Follow the drive belt break-in procedure on the back of this page.
Initial clutch engagement for operating the vehicle	Carefully employ quick, deliberate throttle application to engage the clutch. WARNING: Excessive throttle may cause loss of vehicle control.
Operating at low speed	Use low range whenever operating at low speed.
Operating on an incline	Use low range whenever operating in an incline position.
Loading onto a pickup or trailer	Use low range whenever loading vehicle.
Hauling heavy cargo/towing or pushing	Use low range whenever hauling/towing/pushing.
Operating in mud, snow, sand, or other loose or soft terrain	Use low range whenever operating in loose or soft terrain.
Stuck while operating	Use low range. Carefully employ quick, deliberate throttle application to engage the clutch. WARNING: Excessive throttle may cause loss of vehicle control.
Operating in rough terrain or over obstacles	Use low range whenever operating in rough terrain or over obstacles.
Water in CVT housing	Drain CVT housing. Before operating, place the transmission in Neutral (keep brake applied) and vary engine RPM several times.
Drive belt failure	Remove drive belt and clean any debris from the CVT housing. Install new Arctic Cat recommended drive belt.
Vehicle vibrates at initial throttle application when in gear	Slowly apply throttle from 0-5 mph on a flat surface. If vehicle vibrates, check drive belt and replace if necessary.
Incorrect drive belt	Use only Arctic Cat recommended drive belt.
Clutch malfunction	Check with authorized Arctic Cat ROV dealer.

Shifting the Transmission

This vehicle is equipped with a constant variable transmission (CVT) coupled to a dual-range transmission with reverse and park. To shift the transmission, follow these steps.

■**NOTE:** The CVT is fully automatic and shifts as a function of engine RPM.

1. To select high range from park, move the shift lever forward through reverse and neutral until the letter “H” is displayed on the gauge.
2. To select low range from high range, move the shift lever forward one position until the letter “L” is displayed on the gauge.

■**NOTE:** The high range is for normal driving with light loads. The low range is for carrying heavy loads. Compared to HIGH range, the LOW range position provides slower speed and greater torque to the wheels.

CAUTION

Always shift into low range when operating on wet or uneven terrain or when towing or pushing heavy loads. Failure to follow this caution may result in premature V-belt failure or in damage to related drive system components.

3. To select reverse gear from park, move the shift lever forward one position until the letter “R” is displayed on the gauge.
4. To select neutral from park, move the gear shift forward two positions until the letter “N” is displayed on the gauge.

CAUTION

Always come to a complete stop before attempting to shift from one range to the other or into reverse or park. Always shift on level ground or apply the brakes.

5. To select park, move the shift lever completely rearward until (P) illuminates on the gauge and (P) appears in the gear position indicator on the gauge.

Break-In - New Drive Belt

New drive belts require a break-in period of approximately 25 miles. During this period, drive the vehicle for 25 miles at 3/4 throttle or less while varying throttle position (but not exceeding 40 mph). By varying throttle position, the exposed cord on the side of a new belt will be conditioned allowing the drive belt to gain its optimum flexibility and will extend drive belt life.