



Service Bulletin

Date: October 20, 2003

Product Line: Snowmobile

Bulletin No: 2004-1-06

Subject: Drive Belt/Driven Pulley

Affected Models / VIN:

All 2004 Firecat 600, Firecat 700, Sabercat 600, and Sabercat 700 models within the VIN Range of 4UF04SNW24T112616 - 4UF04SNW44T118398

■ **NOTE:** It is necessary to refer to only the last six digits of the vehicle identification number for identification purposes.

ATTENTION

This Bulletin expires October 20, 2004. To ensure that the necessary service work is completed in a timely manner and that this issue can be resolved, Arctic Cat is requesting that all service work be completed prior to October 20, 2004. All warranty claims directly related to this issue will not be honored after October 20, 2004.

Condition: The drive belt on the affected models may pull down into the driven pulley too far during initial acceleration or under a heavy load. If this occurs, the snowmobile will temporarily lose power.

Solution: Inspect the vehicle identification number (VIN) on the 2004 Firecat and Sabercat 600 and 700 models at your dealership. If the vehicle identification number (VIN) on the snowmobile is within the range indicated above, the snowmobile is affected and the necessary service work should be completed. To correct the condition described above, simply remove one 0.030 in. thrust washer located between the movable and stationary sheaves. See instructions included with this service bulletin.

Parts: Not Applicable (None are Needed)

Warranty: A labor allowance of 0.2 hr will be paid per affected snowmobile.
Cat Tracker Claim: Enter BS200406 in the complaint section.
Manual Claim: Enter 0406 in the complaint section.

Instructions for Removing Thrust Washer:

1. Remove the drive belt and driven pulley (clutch).
2. Carefully remove the lock nuts securing the roller plate assembly and stationary sheave to the movable sheave.

⚠ CAUTION

The roller plate assembly is spring loaded. Take special care when removing the roller plate assembly.

3. Remove the roller plate assembly making sure to account for the location of all components for assembly purposes.

4. Remove the stationary sheave; then remove one 0.030 in. thrust washer from the stationary sheave hub.
5. Install the stationary sheave onto the movable sheave making sure the alignment mark on the stationary sheave aligns with the alignment mark on the movable sheave.

■ **NOTE: If the marks on the stationary and movable sheaves are not aligned, the balance of the clutching system will be affected.**

6. Install the roller plate assembly making sure the driven clutch spring is installed in the center hole on the roller plate.

■ **NOTE: If the driven clutch spring is not installed in the center hole, the calibration of the clutching system will be affected.**

7. Secure the roller plate assembly and stationary sheave with lock nuts. Tighten to 1.5-1.8 kg-m (11-13 ft-lb).
8. Install the driven pulley. Tighten to 2.6-3.3 kg-m (19-24 ft-lb).
9. Install the drive belt.

