



Service Bulletin

Date: October 25, 2002

Product Line: Snowmobile

Bulletin No: 2003-1-01 (Condition A)

Bulletin No: 2003-1-02 (Condition B)

Subject: Recoil Starter

Affected Models / VIN:

All 2002 600 Twin Models (see list below)

2002 ZR 600 EFI

Model No. S2002ZRDEFUSG

2002 ZR 600

Model No. S2002ZRDCausG

2002 ZL 600 EFI SS

Model No. S2002ZLDSEUSB (EB)

Model No. S2002ZLDSSUSB (Black)

Model No. S2002ZLDSSUSO (Orange)

Model No. S2002ZLDEAUSB (Black - esr)

Model No. S2002ZLDEAUSO (Orange - esr)

Model No. S2002ZLDSSOSO (International)

2002 ZL 600 EFI

Model No. S2002ZLDAAUSB

Model No. S2002ZLDEEUSM (esr)

2002 Mountain Cat 600 EFI

Model No. S2002MCDEFUSB

Model No. S2002MCDELUSB (LE Black-Green)

Model No. S2002MCDENUSB (LE Black-Orange)

Model No. S2002MCDEFOSB (International)

2002 Pantera 600 EFI

Model No. S2002PTDEFUSC

Model No. S2002PTDEFOSC (International)

2002 ZR 600 EFI CC

Model No. S2002ZRDELUSG (CC Green)

Model No. S2002ZRDELUSB (CC Black)

Model No. S2002ZRDECOSG (CC International)

■ **NOTE:** This Reissue of Service Bulletins 2003-1-01 and 2003-1-02 supersedes the original Service Bulletins dated August 21, 2002.

On August 21, 2002, your dealership was sent the bulletins indicated above. All the information in the original bulletins was correct **except** for information in the **Warranty** section. The labor allowance in the original service bulletins was incorrectly listed as 0.6 hr per affected snowmobile.

Subsequent time allowance studies have revealed that the labor allowance should actually be 0.3 hr per affected snowmobile. Please discard the original service bulletins dated August 21, 2002 and replace with this reissue service bulletin. All future claims (dated after 10/31/02) should reflect the new labor allowance rate of 0.3 hr per affected snowmobile.

■ **NOTE:** This change applies to both Service Bulletins 2003-1-01 (Condition A) and Service Bulletin 2003-1-02 (Condition B).

Condition A: It has been determined that existing Recoil Starter Assembly Nut (p/n 3004-488) on some of the affected models may come loose and come off the recoil starter stud. This condition will cause damage to the recoil starter assembly and also may cause damage to the magneto assembly.

Condition B: It has also been determined that the existing recoil starter post, in extreme cases, may break loose from the recoil housing. This condition will also cause damage to the recoil starter assembly and also may cause damage to the magneto assembly.

Solution A: Replace the existing recoil nut with new Recoil Starter Assembly Nut (p/n 3004-351).

■ **NOTE:** Prior to removing the recoil nut, please check the existing torque factor and enter this factor in section 1 on the Warranty Claim Request form. This information will be used to better understand the scope of this issue.

■ **NOTE:** When installing new Recoil Starter Assembly Nut (p/n 3004-351), make sure to apply red Loctite #271 to the stud threads and tighten to 0.8 kg-m (6 ft-lb). It is also advisable to apply grease to the underside of the friction plate and friction spring area.

Solution B: Inspect the recoil starter post to see if it is loose. To inspect the post, remove the recoil starter assembly; then remove the nut and washer securing the recoil assembly to the recoil housing. Remove the friction plate, friction spring, pawl, and return spring. While applying pressure to the starter roller, carefully release the pressure from the recoil spring. Carefully remove the starter roller making sure the recoil spring remains in the housing. Inspect the recoil starter stud by moving the stud back and forth to see if it is loose. Also, visually inspect the inside of the housing for any signs of cracking in the post/housing area. If the post is loose, install new Recoil Starter Assembly (p/n 3006-438).

■ **NOTE:** Reports of the recoil post breaking loose have been very limited, but it is advisable to inspect the post to ensure that the post is secure. If the recoil starter assembly has to be replaced, all damaged recoil starters will need to be sent to Arctic Cat for inspection.

Refer to the 2002 Arctic Cat Service Manual Volume One, pages 3-20 through 3-22 for more detailed instructions for removing, disassembling, assembling, and installing the recoil starter assembly.

Parts: Order an appropriate number of Recoil Starter Assembly Nut (p/n 3004-351) or Recoil Starter Assembly (p/n 3006-438) through normal parts-ordering channels. Your dealership Parts Account will be charged and then credited upon receipt of a Warranty Claim Request form.

Warranty: A labor allowance of 0.3 hr will be paid per affected snowmobile for either solution A or B.

Only one vehicle identification number (VIN) can be entered per claim. Do not submit a group claim.

CatTracker Claim - Enter BS200301 for Solution A in the Complaint section.

CatTracker Claim - Enter BS200302 for Solution B in the Complaint section.

Manual Claim - Enter 0301 in the Complaint section for Solution A.

Manual Claim - Enter 0302 in the Complaint section for Solution B.



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