



Service Bulletin

Date: November 13, 2003

Product Line: Snowmobile

Bulletin No: 2004-1-07

Subject: Rear Suspension Rear Arm and Rear Cross Brace Mounting Location

Affected Models / VIN:

Model: 2004 Firecat 700 EFI
Model No. S2004F7FEBOSB (EXT) - International
VIN Range: 4UFO4SNW04T115529 - 4UF04SNW94T115576

Model: 2004 Firecat 700 EFI
Model No. S2004F7FEBUSG (EXT)
VIN Range: 4UF04SNW04T115577 - 4UF04SNW04T115756

Model: 2004 Firecat 700 EFI
Model No. S2004F7FEBUSR (EXT)
VIN Range: 4UF04SNW24T115757 - 4UF04SNWX4T115876

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

Condition: It has been determined that Rear Suspension Rear Arm (p/n 1704-019) and the rear cross brace were secured to the slide rail in the incorrect locations on the snowmobiles indicated above. These incorrect mounting locations will affect the operation of the rear suspension and possible cause physical damage to the snowmobile if not corrected.

Solution: Move the rear cross brace and the rear suspension rear arm forward one hole to the next mounting location on the slide rail. See instructions included with this service bulletin.

Parts: Not Applicable (No Parts are Needed)

Warranty: A labor allowance of 0.3 hr will be paid per affected snowmobile.
Cat Tracker Claim: Enter BS200407 in the Complaint section.
Manual Claim: Enter 0407 in the Complaint section.

■ **NOTE:** Please remember that when filing a claim, make sure to always enter the current mileage of each affected snowmobile. In order for Arctic Cat to accurately assess warranty claims, an accurate recording of mileage on snowmobiles with warranty claims is important.

ATTENTION

This Service Bulletin expires November 13, 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 November 13, 2004. All warranty claims directly related to this issue will not be honored after November 13, 2004.

Instructions

1. Remove the two cap screws securing the rear cross brace to the slide rail; then move the cross brace forward one mounting location on the slide rail. Apply blue Loctite #243 to the threads of the existing cap screws; then loosely secure the cross brace to the new mounting location on the slide rail.
2. Place a section of cardboard on the floor to prevent the snowmobile from being scratched; then place the snowmobile on its side and release the tension from the rear suspension spring using Rear Suspension Spring Tool (p/n 0144-311).

CAUTION

The Firecat models should not be tipped on their right sides for any extended period of time, as air bubbles may form in the oil hose. If air bubbles form in the oil hose, the oil injection system must be bled.

3. Position the snowmobile on its opposite side and release the tension from the suspension spring; then place the snowmobile in an upright position and place on a shielded safety stand.
4. Remove the lock nut and cap screw securing the rear suspension arm to the slide rail.
5. Using a rubber mallet, lightly tap on the rear arm to move it forward to the next mounting hole in the slide rail. Apply green Loctite #609 to the threads of the cap screw; then secure the rear arm to the new mounting location on the slide rail. Tighten to 4.7 kg-m (34 ft-lb).
6. Tighten the two cap screws securing the cross brace to 6.9 kg-m (50 ft-lb).
7. Remove the snowmobile from the shielded safety stand; then install the rear suspension springs onto the adjustment blocks.

