



# Service Bulletin

**Date:** October 29, 2002

**Product Line:** Snowmobile

**Bulletin No:** 2003-1-15

**Subject:** Coolant Tank (Reservoir) Hose Leakage

## Affected Models / VIN:

2003 Firecat 500 Models (See VIN Range Below)

VIN Range: 4UF03SNW13T170427 - 4UF03SNW63T172402

2003 Firecat 700 EFI (Selected Models - See Following List)

Model: Sno Pro Sabercat US Black  
Model No. S2003F7FKEUSB  
VIN Range: 4UF03SNW83T172403 -  
4UF03SNW73T172764

Model: Sno Pro Team Arctic US Black  
Model No. S2003F7FAEUSB  
VIN Range: 4UF03SNW53T172813 - 4UF03SNW53T173055

Model: Sno Pro Sabercat OS Black  
Model No. S2003F7FKEOSB  
VIN Range: 4UF03SNW93T172765 -  
4UF03SNW33T172812

Model: Sno Pro Patriot US Black  
Model No. S2003F7FEUUSB  
VIN Range: 4UF03SNW73T173056 - 4UF03SNW43T173208

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■ **NOTE:** For identification purposes, it is necessary to refer to only the last six digits of the vehicle identification number.

**Condition:** It has been determined that some of the lower coolant hoses on Coolant Tank (p/n 2606-932) may not be adequately sealed. This condition may cause the hoses to leak.

■ **NOTE:** The seamed areas on the coolant tank inlet and outlet connections may not allow an adequate seal. It may be necessary to smooth down the seams (raised areas) to attain a proper seal.

**Solution:** During Setup and Pre-Delivery, inspect the lower hoses for any signs of leaking. Make sure the coolant tank is adequately filled; then run the engine and inspect the hoses for any signs of leaking. If any signs of leaking exists, disconnect the hoses; then using a file, remove the seamed (raised) areas. Install the hoses, fill the coolant tank to the proper level, run the engine, and inspect for any leaking. See **Repair Procedure** included in this bulletin.

**Parts:** Not Applicable.

**Warranty:** A labor allowance of 0.3 hr will be paid per affected snowmobile.

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

CatTracker Claim: Enter BS200315 in the Complaint section.

Manual Claim: Enter 0315 in the Complaint section.

## Repair Procedure

1. Place a container or an absorbent material under the coolant tank to prevent the coolant from draining onto the floor.

■ **NOTE: Although the hoses will be clamped off, some loss of coolant may occur during the repair procedure.**

2. Using a pair of vise grips, or a suitable substitute, clamp off the two coolant tank hoses to help prevent the loss of coolant.

■ **NOTE: It is recommended that the clamp on the outside hose (coolant tank-to-right-side coolant tube) be placed near the brake caliper.**

3. Loosen and move the clamp securing each hose to the coolant tank; then remove the outside hose (coolant tank-to-right-side coolant tube).

4. Remove the nut securing the coolant tank to the gas tank bracket.

■ **NOTE: Removing the inside hose (coolant tank-to-engine) will be easier if the coolant tank is pulled away from the gas tank.**

5. Remove the inside hose (coolant tank-to-engine).

6. Using a file, remove the seams (raised areas) on each plastic coolant tank connection.

7. Connect the coolant tank hoses to the coolant tank making sure each hoses is properly seated; then secure with existing clamps.

8. Secure the coolant tank to the gas tank with existing nut.

■ **NOTE: Make sure the coolant tank vent tubes are connected and properly positioned.**

9. Remove the vise grips from the coolant hoses; then fill the coolant tank to the proper level.

10. Start the engine and inspect for leaks.



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