

# Recall Service Bulletin

Date: April 12, 2006 Product Line: OHUV

Bulletin No: 2006-6-04 (Condition A) Subject: Left-Front

Steering Knuckle Assembly Replacement is Necessary

Steering Knuckle

**Bulletin No:** 2006-6-04 (**Condition B**)

Steering Knuckle Assembly Replacement is NOT Necessary

# Affected Models/VIN:

2006 Prowler XT vehicles within the VIN range of 4UF06MPV46T303550 - 4UF06MPV36T303894

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

#### **Condition A & B:**

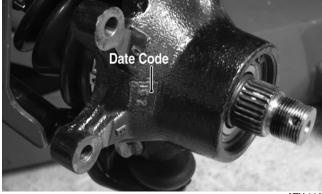
It has been determined that the left-front steering knuckle assembly on a limited number of 2006 Prowler XT vehicles within the VIN range indicated above may not meet Arctic Cat specifications and must be replaced.

■ NOTE: The 2006 Prowler XT vehicles that have been manufactured with the affected knuckle assembly can be identified by the date code on the left-front knuckle assembly. Instructions for inspecting the left front knuckle assembly for the date code are included in this bulletin.

### **Solution A:**

Inspect the date code on all the 2006 Prowlers XT vehicles that are within the VIN range indicated above. If the left-front steering knuckle assembly contains the date code of **334**, the knuckle assembly must be replaced **immediately**. Instructions for removing and installing the knuckle assembly will be included with each Steering Knuckle Assembly Kit (p/n 0437-049). Do not operate or allow anyone to operate an affected vehicle until the steering knuckle assembly has been replaced. See Fig. 1.





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Please make every attempt to install the knuckle assembly on the vehicles that you have released to a customer before installing them on vehicles that have not yet been sold.

■ NOTE: The affected steering knuckle assembly containing the date code 334 must be returned to Arctic Cat. The parts must be held for 90 days. Within this 90-day period, Arctic Cat will send you a parts return notice. Do not send the affected parts back with your Warranty Claim Request form.

**Solution B:** Inspect the date code on all the 2006 Prowler XT vehicles that are within the VIN range

indicated above. If the date code is <u>not</u> 334, the knuckle assembly is <u>not affected</u> and

does not have to be replaced. No further service work is necessary.

Parts: Order an appropriate number of Steering Knuckle Assembly Kits (p/n 0437-049) through

normal parts-ordering channels. Order one kit per affected vehicle. Your dealership Parts Account will be charged and then credited upon receipt of a Warranty Claim Request

form.

**Warranty:** A total labor allowance of 0.6 hr will be paid per vehicle for inspecting and replacing each

knuckle assembly (Solution A).

A labor allowance of 0.3 hr will be paid for inspecting the knuckle assembly (Solution B).

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

## **ATTENTION**

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 April 12, 2007. All warranty claims directly related to this issue will not be honored after April 12, 2007.









#### Instructions for Inspecting Steering Knuckle for Date Code

- Park the vehicle on level ground; then set the parking brake. Turn the ignition switch to the ON position, select 4WD on the 2WD/4WD drive selector switch, and engage the differential lock. Turn the ignition to the OFF position.
- 2. Loosen the lug nuts on the left-front wheel.
- 3. Using an appropriate jack, elevate the vehicle and place the vehicle on a safety stand.
- 4. Remove the lug nuts; then remove the wheel.

■ NOTE: Do not attempt to identify the date code at this time. The brake caliper and the hub/brake disc assembly must be removed in order to properly read the date code.

5. Remove the two cap screws securing the caliper to the steering knuckle; then remove the brake caliper assembly and place it on top of the upper A-arm.

# ⚠ CAUTION Do not let the brake caliper assembly hang from the caliper hose.

- 6. Remove the cotter pin from the hub nut; then remove the hub nut.
- 7. Remove the hub/disc brake assembly.
- 8. Locate the raised date code on the steering knuckle. If the steering knuckle contains the date code 334, the steering knuckle assembly must be replaced. See Fig. 1 for location of date code.

#### **Reassembly Instructions**

- 1. Install the hub/disc assembly and secure with hub nut. Tighten the hub nut to a minimum of 27.6 kg-m (200 ft-lb.). Install a new cotter pin and spread the pin.
- 2. Install the brake caliper assembly and secure with two cap screws. Tighten to 2.8 kg-m (20 ft-lb).
- 3. Install the wheel and secure with lug nuts. Tighten all nuts to 6.2 kg-m (45 ft-lb).
- 4. Remove the vehicle from the safety stand; then remove jack.