

Quickie GT™/GTX™ Back Spline Update

July 24, 2006

Models Affected: EIR3, EIF3

Background:

After analyzing field feedback and evaluation of returned product, Sunrise Medical has implemented updates to both the Quickie GT and Quickie GTX angle adjustable back spline systems.

When the Quickie GT and Quickie GTX were launched, a torque (tightening) specification of 212 in-lbs. was required for the M8 bolt that keeps the two spline pieces together. It was determined that such a torque value was challenging to disengage and to re-achieve after making adjustments in field. Thus if the bolt was not returned to 212 in-lbs after adjusting the angle of the back there was an increased chance that the bolt would prematurely fatigue.

Solution:

As a result of our investigation and testing Sunrise Medical will implement the following changes:

- Change the back spline bolt from a M8 button head to a M8 socket head (see supporting image). Note the change only affects the GT; the GTX launched with the M8 socket head.
- Remove the star washer (Part #227192)
- Change the torque setting to 144 in-lbs
- Update the specifications of the back cane to work in combination with the new socket head fasteners. This will ensure the Quickie GT and Quickie GTX will have back angle adjustment of 28° (74°-102°)

Additionally we will add a decal to the spline section, as a reminder, to properly torque the bolt to 144 in-lbs after any adjustments as well as update both the Quickie GT and Quickie GTX owner's manuals

GTGTX072606 Rev. A

If a dealer is experiencing a failure with the bolt or there are signs of deterioration with the spline systems Sunrise Medical will replace the entire backrest spline system under warranty for both the left and right side.

The following assemblies have been created to simplify replacements:

Included: 8M socket head fastener, backrest spline, curved washer, either a standard or offset seat rail spline, and work instructions.

101598- GT BACK SPLINE ASSEMBLY- STD

101597- GT BACK SPLINE ASSEMBLY- OFFEST (1" or 2")

Implementation Date: July 26, 2006

Supporting Image:



New Socket Head



Old Button Head

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