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Supercedes: None

Completion Date: None

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PRODUCT IMPROVEMENT

Ride Manufacturer: Dartron Industries, Inc.

Affected Production Dates: All

Ride Name: StarTrooper

Affected Serial #'s 111141-5S

Model #

Abstract of Issue: StarTrooper bushing change

Reason for release: The upper hanger bushings are manufactured from a material called Nylatron. Under certain circumstances moisture can cause the Nylatron to expand and create tightness between the upper hanger block pin and the Nylatron bushing. Generally, the rotating action of the pin will create free movement between the pin and bushing. However, if tightness persists, we recommend that the following procedure be used to replace the Nylatron bushing with a pre lubricated bronze bushing. The bronze bushing has graphite impregnated in oval grooves and does not require periodic lubrication by ride operator. No zerk fitting is present because of this.

Parts required: Two bushings, bushing driver pin (needed only if original pin is damaged).

Directions for upper hanger block bushing change from Nylatron to bronze/graphite bushing.

Step One: Remove Hanger Block

1. Loosen thimble clamps (a) on attached drawing on safety cables (b) and remove cable.
2. Unbolt hanger block pin and remove pin (c) by carefully tapping end of pin with an aluminum bar and mallet so as not to damage the pin.

Step Two: Press Nylatron bushings (d) out of upper portion of hanger block with bushing driver. Replace with bronze bushings. Dartron is supplying bushing removal driver and bushings.

Step Three: Install Hanger Block to Bow (e)

1. Grease pin (c) before pinning hanger block in place.
2. Reattach safety cable (b)

