

Dartron

Issuing Entity:
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SERVICE BULLETIN

<u>Ride Manufacturer:</u>	Dartron Industries, Inc.	<u>Affected Production Dates:</u>	All
<u>Ride Name:</u>	Cliff Hanger	<u>Affected Serial #'s</u>	All Cliff Hanger Rides
<u>Model #</u>			

Abstract of Issue: Lack of lubrication on Avon bearing ring gear teeth will cause accelerated wear and could result in a costly repair.

Reason for release: Dartron has become aware of at least one Cliff Hanger that was operated with insufficient pinion gear to ring gear lubrication.

Action to be taken: Inspection and lubrication if warranted.

Detail of issue: The ring gear on the Avon bearing on the Cliff Hanger must always have an adequate amount of lubrication between its gear teeth. The approved grease must be applied to the surfaces where the teeth of the pinion gear on the hydraulic motor mesh with the teeth on the Avon bearing ring gear. Normal operation of the Cliff Hanger will deplete this grease so additional grease must be added at a frequency required by your particular operation.

Failure to maintain adequate grease on the Avon bearing ring gear will result in rapid wear of the gear teeth. Operating the ring gear without adequate grease on the gear teeth will first be evidenced by a loud grinding noise and later metal filings will be found.

WARNING: Lack of lubrication on the ring gear teeth could result in a costly replacement of Avon bearing.

Approved lubrication: Lubriplate Gear Shield Extra Heavy PN/L0152-000

Do Not use chassis grease. Chassis grease is inadequate for the pressures created by the gear teeth.