

**Eli Bridge Company**

800 Case Avenue
Jacksonville, IL 62650
USA

Phone: 217-245-7145 FAX: 217-479-0103

Email: Elibridge@aol.com

Website: www.EliBridge.com

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Supercedes: None

Completion Date: As desired

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NOTIFICATION

Ride Manufacturer: Eli Bridge Company

Affected Production Dates: Any

Ride Names: BIG ELI[®] Eagle/ Aristocrat Hydraulic Rim-Drive Wheels.

Affected Serial Nos: Any

Abstract of Issue: New Option for prolonging the life of Sundstrand Hydrostatic transmissions is available for BIG ELI[®] Eagles and Hydraulic Rim Drive Aristocrat Wheels.

Reason for Release: The hydrostatic transmission (The Sundstrand #90L100) unit is the most important and expensive part of the hydraulic drive system. **To prolong the life of the unit**, a pressure filter in the closed loop circuit can now protect it. The Wheel drives forward about 80% of the time so the most cost effective and beneficial location of a filter would be on the return side of the closed loop in the forward mode. Eli Bridge Company offers a filter upgrade unit that can be installed between the return line of the wheel drive motors and the transmission "B" port.

Action to be taken: Install a pressure filter designed for hydrostatic transmission use on the return side of the closed loop in the forward mode to insure long and trouble free service for the owner. This will filter all oil before it returns to the transmission while running in the forward direction and through a reverse free flow check valve when running in reverse. The filter element is a 10-micron unit capable of holding a large capacity of 108 grams dirt. The housing has a pointer indicator to show the condition of the filter. Port size will be SAE-24 straight threads for O-ring seals for the most leak free installation. Call the factory for pricing and availability.

OUTLET TO SUNDSTRAND
RETURN PORT IN FORWARD
DIRECTION (PUMP PORT
1.00- 6000 PSI FOUR BOLT FLANGE)

