

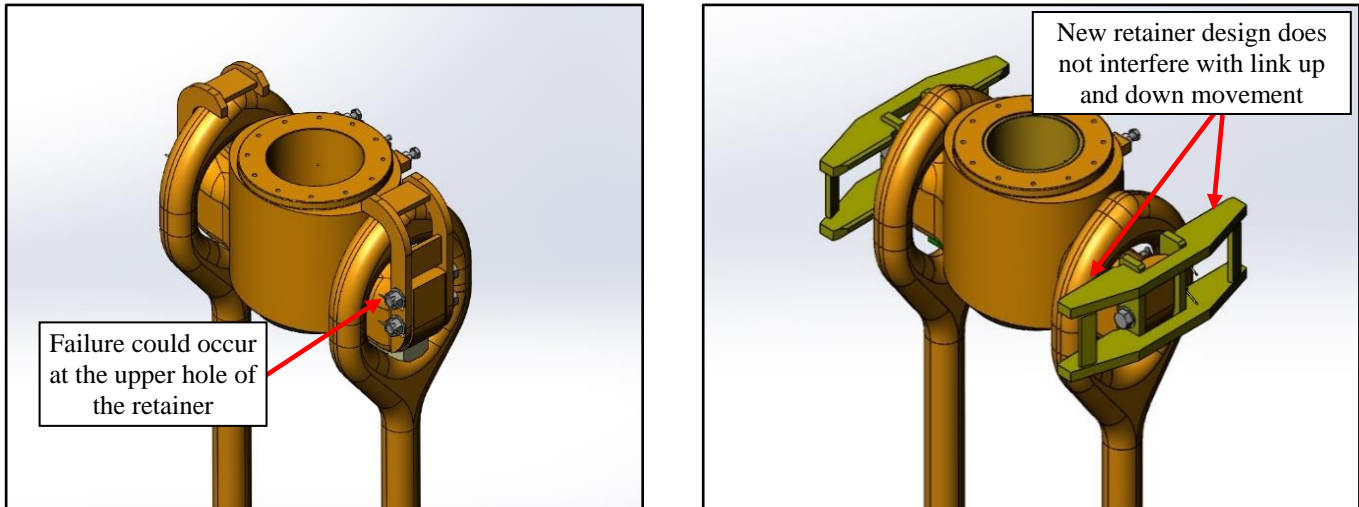


<b>Technical Bulletin</b>			 Tesco Corporation 5616 – 80th Avenue SE Calgary, Alberta, Canada T2C 4N5 Tel: 1-877-TESCO-77 (North America) Tel: 1 (713) 359-7195 (AMSS 24-hour support) Tel: 1 (713) 359-7295 (International) Email: bulletins@tescocorp.com www.tescocorp.com www.tescoparts.com
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<b>New Elevator Link Retainer Design Reduces Risk of Premature Wear and Failure</b>			
<input type="checkbox"/> Internal Use Only	<input checked="" type="checkbox"/> External Use		

**BACKGROUND INFORMATION**

A potential exists where the current elevator link retainer (PN 810396) on the Tesco ESI Top Drive may allow the link’s upper eye to come in contact with the curved area of the retainer while the hydraulic cylinder retracts during tripping operations. This could lead to premature wear and/or eventual permanent deformation/failure of the retainer.

As part of Tesco’s commitment to continuous design improvement, a new elevator link retainer (PN 5064367) has been developed that will substantially reduce the risk of premature wear and failure by eliminating the risk of the link applying direct axial force to the retainer.



**Figure 1: Current elevator link retainer (left), new elevator link retainer (right)**

Version	Date (D/M/Y)	ECN	Description of changes
Rev 0	03/11/2017	233-0051	First release of document

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## AFFECTED PRODUCTS

Tesco ESI Top Drives (500-ESI-1000, 500-ESI-1350, 750-ESI-1350).

### Current elevator link retainer

Part No.	Description
810396	Retainer,Link,Elevator,EXI/HXI

### New elevator link retainer

Part No.	Description
5069714	Kit,Upgrade,Retainer,Elevator Link,ESI

## ACTION REQUIRED

Inspect the current retainer for any wear and sign of permanent deformation. If the vertical bars of the retainer are bent, stop top drive operations as soon as it is practical. Tesco personnel can assist in identifying acceptable wear limits. Tesco customers operating ESI Top Drives are encouraged to upgrade their units to the new elevator link retainer design if there is visual confirmation of excessive wear and deformation.

Contact your local Tesco representative for more information regarding the new elevator link retainer upgrade kit.