

# Safety Bulletin

SB No: 024

Rev: A

Date: Jan 10, 2006

Description:

**Torsion (Latch) Spring Upgrade,**  
Single Joint Casing Elevator



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## BACKGROUND INFORMATION:

Tesco has identified that the torsion spring (Item 12 Drawing 610091) may fail to maintain sufficient force to hold the safety latch closed, in the event of hydraulic failure to the single joint casing elevator. This spring is used to maintain the safety latch in the closed (locked) position in the event the elevator's hydraulic circuit loses complete pressure.

A new more robust replacement spring has been identified and is available.

## AFFECTED PRODUCT:

### General Assembly or Model

Description	Part No.	Serial No.	Mfg. Date
Automatic Single Joint Casing Elevator Assembly	610091	All	All

### Component

Description	Part No.	Serial No.	Mfg. Date
Spring, Torsion, 1.114" Dia. X 3.50" Long x 0.105" Wire	610027	None	None
Spring, Torsion, 1.126" Dia. X 4.00" Long x 0.112" Wire	610194	None	None

## ACTION REQUIRED:

Replace all existing affected components (item 12 of diagram) with;

### Component

Description	Part No.	Serial No.	Mfg. Date
Spring, Helix, Torsion, 0.177" W x 1.135" OD x 11.75 Coils	720751	None	None

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Please contact Tesco Corporation at the following email address on issues specific to this bulletin.

[Safety\\_Technical\\_Bulletins@TescoCorp.com](mailto:Safety_Technical_Bulletins@TescoCorp.com)

Contact your local Tesco Part Sales Center for supply of affected components as noted above.