



Safety Bulletin			 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
No: SB084	Rev: 0	Date: August 28, 2014	
Check Valve Orientation in CDS Close Confirm Systems			 TESCO
<input checked="" type="checkbox"/> Internal Use Only <input type="checkbox"/> External Use			

NOTE: All numbers in parentheses are TESCO part numbers unless otherwise noted.

BACKGROUND INFORMATION:

In August of 2013, drawing 5036566**Rev0** for the Close Confirm system was released. The Close Confirm system is an important safety feature of the TESCO Casing Drive System™ (CDS). Page 2 of this drawing showed the check valve (item 7) installed in the incorrect orientation.

The check valve is a critical component of the Close Confirm system. If the valve is oriented in the incorrect direction, then the Close Confirm system will not operate correctly. The Close Confirm system is a safety mechanism created to prevent dropped casing when using the CDS.

In April of 2014, Engineering Change Notice ECN-250-0003 was issued to correct the drawing (5036566**Rev1**).

TESCO AMSS indicated that 52 Close Confirm systems have been distributed to various business units as a component of the CDS Hydraulic Power Units (HPUs). The Close Confirm Unit is contained in a box on the bottom shelf of the HPU. (Refer to drawings 1500053 and 2270011.)

AFFECTED PRODUCTS:

All CDS Close Confirm units.

ACTION REQUIRED:

1. All business units are required to inspect all Close Confirm system HPUs that they have in stock to ensure the check valve is installed in the correct orientation, and, if necessary, to correct the orientation before the unit is put into operation.
2. Each business unit is also required to check with customers in the field who have a CDS HPU to ensure that the Close Confirm system has the correct valve orientation and is operating properly.
3. Business units should also ensure that they have a copy of the most current drawing (5036566**Rev1**).

The following images show the incorrect and correct orientation of the check valve.

Version	Date (D/M/Y)	ECN	Description of changes
Rev 0	25/08/2014	157-0053	Initial release of document

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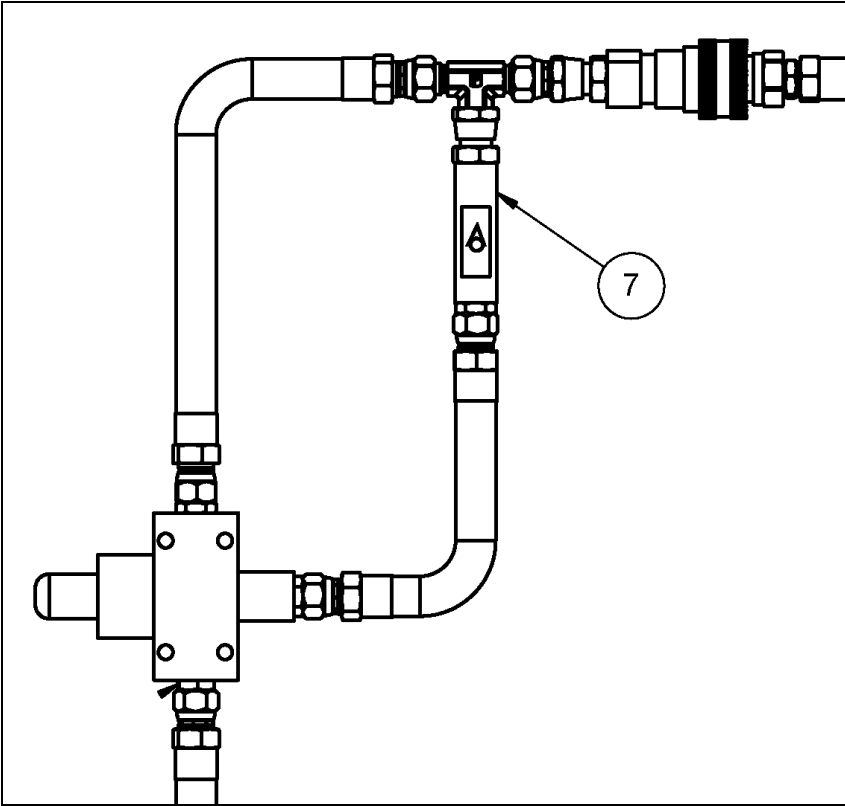


Figure 1: INCORRECT orientation of check valve (5036566Rev0)

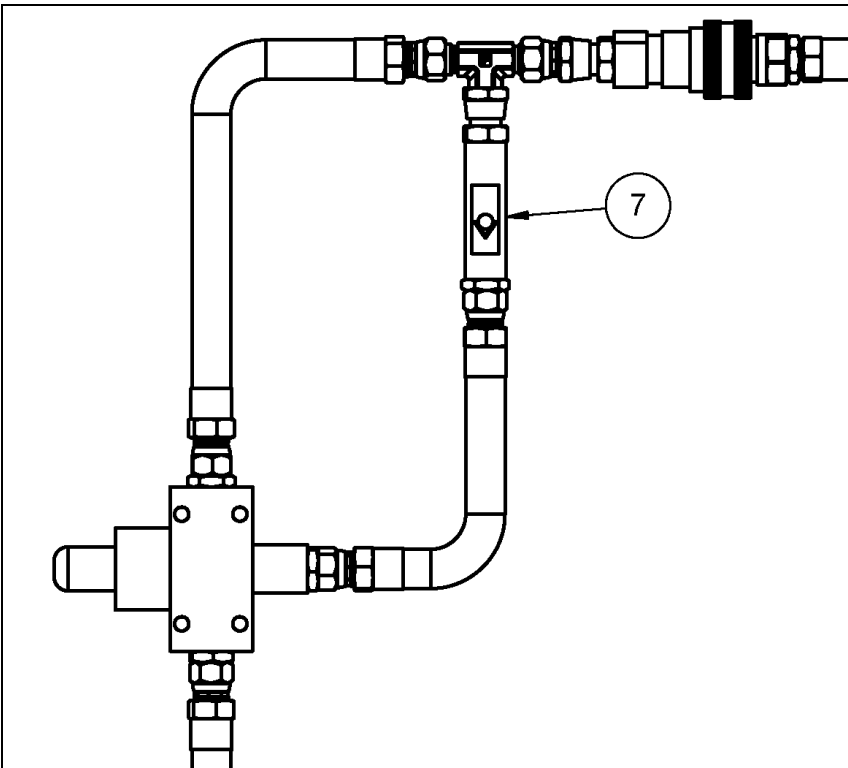


Figure 2: CORRECT orientation of check valve (5036566Rev1)