



J. H. FLETCHER & CO. Box 2187 – Huntington, WV 25722-2187 – 304/525-7811 – FAX 304/525-4025

# IMPORTANT SAFETY NOTICE

## INFORMATION BULLETIN NO. 118

**TO: OWNERS OF FLETCHER 2-BOLT LTDO MACHINES ONLY**

**FROM: J.H. FLETCHER & CO.  
RISK MANAGEMENT DEPARTMENT**

**DATE: MAY 2012**

**SUBJECT: MECHANICAL BOOM SWING ARM STOPS**

J.H. Fletcher & Co. (“Fletcher”) has previously manufactured a 2-bolt swinger LTDO. The design of this bolter (see attached drawing) has a small T-style ATRS and provides the operator the ability to install two bolts in a straight line by having a boom that can swing from side to side without resetting the ATRS. This design allows the boom to swing and in and out to address the drilling pattern. Approximately 32 machines have been distributed by Fletcher over the years with this design.

Some machines in this group of 2-bolt LTDO bolters were originally ordered by customers to be equipped with a boom assembly that swings out; in other machines the boom arm can swing out and extend. Either style of machine that has the capacity to swing out and/or extend the long boom arm & pantograph guard (parts of the boom assembly) may make contact with the inside of the ATRS boom. If the long boom and floating ATRS link make contact the long boom arm may bind up against the floating ATRS link, causing the long boom arm to stick, and then, when it comes loose, to move towards the operator. There have been no reported incidents or injuries involving this sudden boom movement.

In order to prevent the boom/ATRS link contact and sudden boom movement phenomenon, Fletcher has designed a boom arm stop. When welded to the outer boom the stop prevents the long boom arm from swinging into the floating ATRS link. The boom swing arm stop kit (part no. 519852) is being offered to owners of Fletcher LTDO bolters. While proper operation would prevent the contact from happening, this boom arm stop is a tool to install on the machine, as an additional measure to prevent the contact.

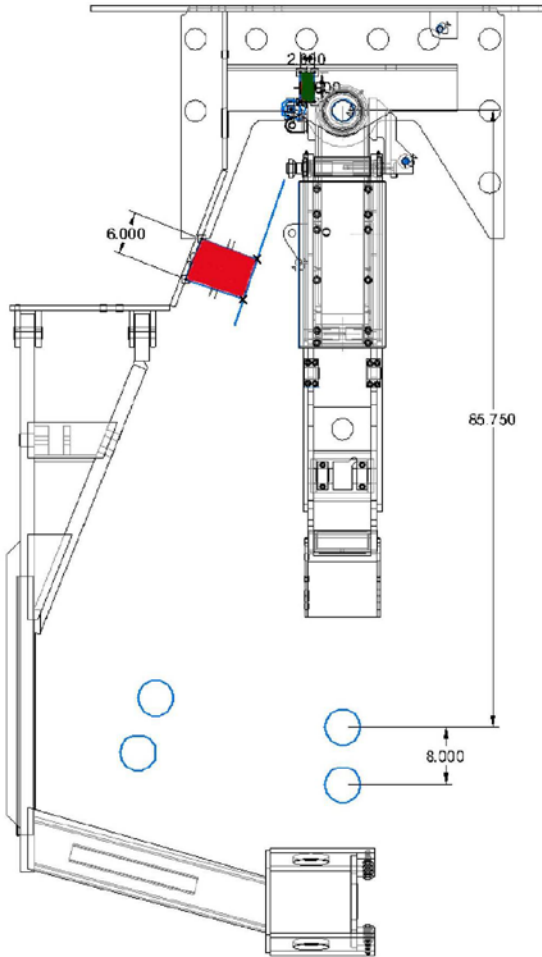
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Fletcher recommends that you review your machine(s) and talk with your machine operators to see if the boom stop is needed on your machine. Enclosed is a list of machines that are affected by this notice. If you want to order the boom swing stop, contact Fletcher's service department or an authorized distributor with the serial number of your machine(s) and how many kits you want to order.

Discuss and distribute this notice to all roof bolt operators and maintenance personnel

If you have any questions regarding this bulletin or the information provided within, please call David P. Cooper, VP of Risk Management, at (304) 525-7811, Ex. 240 or by email at [dcooper@jhletcher.com](mailto:dcooper@jhletcher.com).

### LTDO—SWINGER STYLE-SWING STOP



A piece of bar (JHF# 519785) is shown in red in the graphic above. This bar has been oversized, and it will need to be cut before locating. This bar is oversized to account for small differences in boom swing anchor locations. To locate this stop, the boom will need to be fully extended and swung towards the TRS Link. Swing the boom until it is approximately 2" away from hitting the TRS Link. This bar is to be mounted on the outer boom, without interfering with the anchor assembly, the boom arms, or any hoses (about the same height as the valve tray on the other side of the outer boom). Measure and cut the bar to the length required. Mark on the outer boom where the bar will be welded and weld into place.

If your machine was equipped with a flow control valve on the boom swing extend function, this may need to be adjusted so the boom slowly hits the stop.

JHF# 519791

DATE: 01/31/12  
REVISED: 03/05/12  
REVISED: 03/26/12



**LIST OF MACHINES AFFECTED BY  
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88055	89018	91094
88056	89019	91095
88057	89022	93073
88058	89023	94376
88059	89024	96014
88121	89025	96052
88122	89086	96070
88123	89087	96071
88124	89103	2001342 (91089)
88125	89104	2001434 (91078)
88126	89119	2002029
88136	89120	2002420 (95063)
88137	89125	2003419 (91076)
88138	89126	2004064
88139	90015	2004065
88140	90016	2004413 (89017)
88141	90047	2004420 (88056)
88142	90134	2004456 (91078)
88143	90135	2004470 (95063)
88148	90136	2004491 (91089)
88149	91008	2005409 (91075)
89014	91009	2009405 (91076)
89015	91016	2009415 (91077)
89016	91017	2010306 (91075)
89017	91026	