



Technical Bulletin

Date: February 14, 2019

Product Line: Bambi

Product: Bambi MAX Bucket (BBX)

Model(s): 4453, 4453PF, 5566, 5566PF, 6578, 6578PF, 7590, 7590PF
HL4000, HL4000PF, HL5000, HL5000PF, HL7600, HL7600PF, HL9800, HL9800PF

Subject: Drive Cable Upgrade

Action: Not required

Revision

Date	Revision Summary
30-Dec-2019	<ul style="list-style-type: none">Lift bars (000234 & 000235) and IVC (013445) added to list of parts requiring modification.Flat washers (001843) added to list of new parts required.
10-Jun-2020	<ul style="list-style-type: none">Top plate part number changed from 015275 to 007136 for a BBX 25" valve (002299) on the list of parts requiring modification.Top plate part number changed from 015276 to 007137 for a BBX 28" valve (002300) on the list of parts requiring modification.

Background

There have been failures of the valve drive cable on Bambi MAX buckets. The frequency of failures is dependent on the valve size, amount of use, and conditions of use.

To prevent failures, SEI has increased the drive cable diameter from 1/16" (1.6 mm) to 1/8" (3.2 mm) with a corresponding four times increase in cable breaking strength. All new 25" & 28" valves will have the larger cable system installed. The new system can be identified by the black colour cable drum vs the silver colour cable drum for the older cable system.

Recommendations

If you have experienced a drive cable failure, it is recommended that you upgrade to the new cable system. Upgrading requires the replacement of several parts on the valve and the modification of



others. Due to the modification requirements, the valve must be returned to the factory for the upgrade.

The following existing parts on 25" and 28" valves will be modified during the upgrade:

BBX 25" Valve (002299)		
Part #	Description	Qty
007136	PLATE, TOP, 25"	1
000227	BAR, SHEAVE, 25"	1
000234	BAR, LIFT, 25", FABN	1
013445	IVC, ASSY, 25"/28"	1

BBX 28" Valve (002300)		
Part #	Description	Qty
007137	PLATE, TOP, 28"	1
000228	BAR, SHEAVE, 28"	1
000235	BAR, LIFT, 28" FABN	1
013445	IVC, ASSY, 25"/28"	1

The following new parts will be installed to replace existing parts of the old cable system:

Part #	Description	Qty
001617	SHEAVE, CABLE	5
015270	DRUM, CABLE, 1/8	1
015271	ANCHOR, CABLE, 1/8	2
015272	RETAINER, CABLE, 1/8	1
015273	BUSHING, CABLE, 1/8	2
015282	CABLE, DRIVE, 1/8, ASSY	1
015283	RING, RETAINER, EXT, 3/8	2
001734	PIN, SPLIT, 1/8 x 3/8	1
000281	BOLT, HX, 10-32 x 29/32	2
000413	SCREW, SC, 6-32 x 5/8	2
015287	SCREW, SC, 8-32 x 1/4	4
001843	WASHER, FLT, #10, SAE, SS	2

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<https://www.sei-ind.com/category/bambi-safety-bulletins/>

For further details, please contact the following SEI representative(s).

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