

PARTS & SERVICE NEWS

REF NO. AA03007

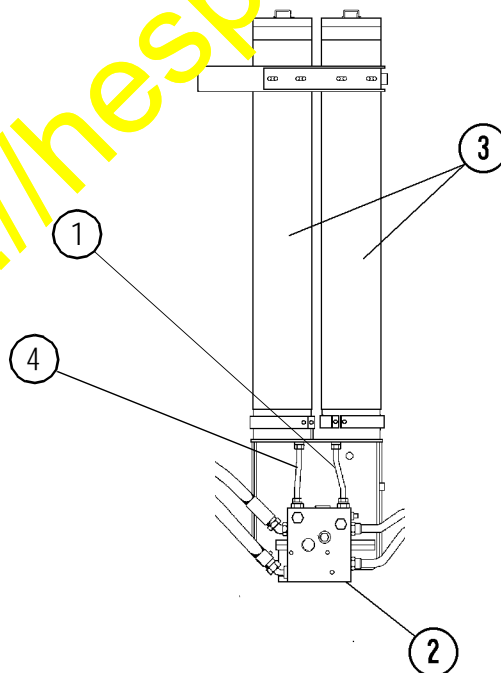
DATE December 16, 2002

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- SUBJECT:** CRACKING IN STEERING ACCUMULATOR TO BLEEDDOWN MANIFOLD TUBING
- PURPOSE:** To inform the field of a kit for replacing accumulator to bleeddown manifold tubing with flexible hoses.
- APPLICATION:** Komatsu Mechanical Drive Dump Trucks:
530M: A30001 thru A30038, 32628;
HD1500-5: A30039 and Up
- FAILURE CODE:** 6A01HA
- DESCRIPTION:** Steering Accumulator Tube Replacement Kit (XK0183)

Some trucks in the field may experience cracking of tubes (1 & 4, Figure 1) that connect the steering accumulator to the bleeddown manifold. The short length of the tubes along with alignment difficulties can cause excessive stress on the tubes, resulting in tube cracks.

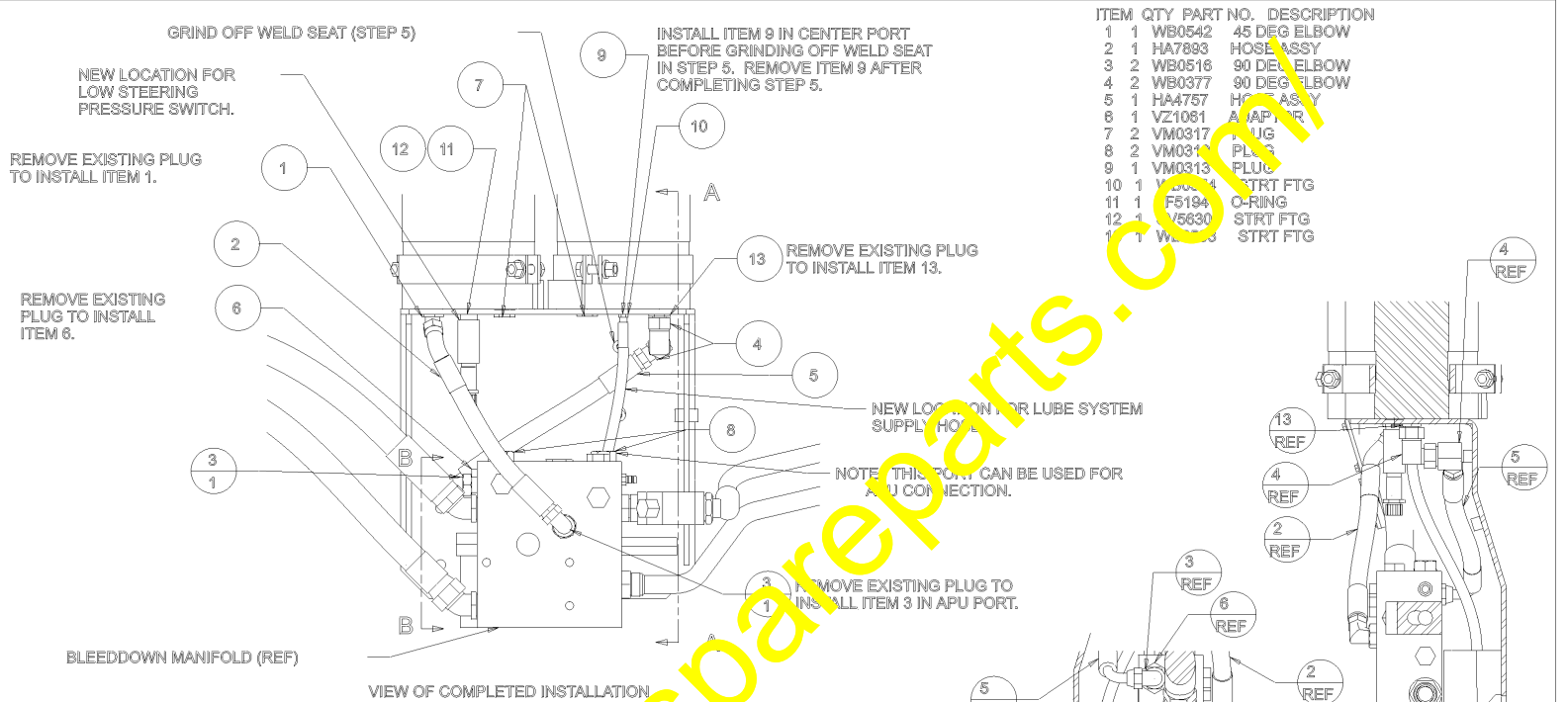
Steering Accumulator Tube Replacement Kit (XK0183) has been developed to replace the tubes with flexible hoses. The use of longer, flexible hoses requires some changes in hookup and porting on the bleeddown manifold. These changes, along with additional instructions, are outlined on the installation drawing (EK4826) included in the kit and shown on page 3 of this bulletin. Refer to Table 1 for a complete listing of kit contents.



- | | |
|-----------------------|------------------|
| 1. Tube (EK8286) | 3. Accumulators |
| 2. Bleeddown Manifold | 4. Tube (EK8285) |

FIGURE 1. STEERING ACCUMULATOR TO BLEEDDOWN MANIFOLD TUBES

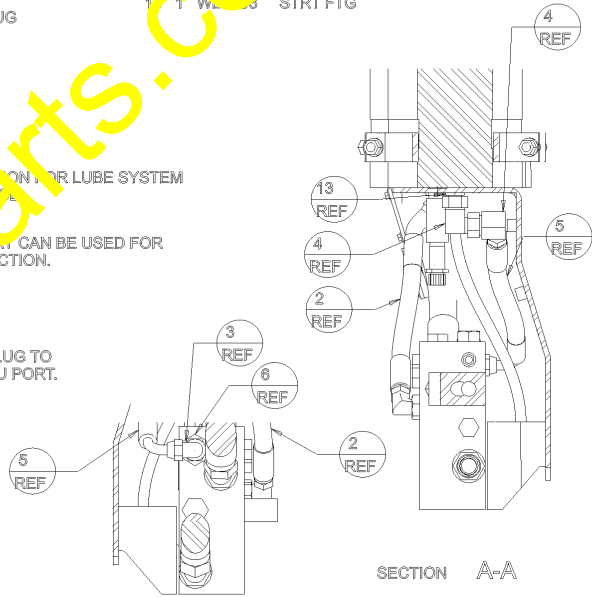
Item Number	Part Number	Description	Quantity
-	EK4826	Drawing, Steering Accumulator Tube	1
1	WB0542	Fitting, 45 Degree Elbow	1
2	HA7893	Hose	1
3	WB0516	Fitting, 90 Degree Elbow	2
4	WB0377	Fitting, 90 Degree Elbow	2
5	HA4757	Hose	1
6	VZ1061	Adapter	1
7	VM0317	Plug	2
8	VM0319	Plug	2
9	VM0313	Plug	1
10	WB0574	Fitting	1
11	TF5194	O-Ring	1
12	SV5630	Fitting, Adapter	1
13	WB0593	Fitting	1



ITEM	QTY	PART NO.	DESCRIPTION
1	1	WB0542	45 DEG ELBOW
2	1	HA7893	HOSE ASSY
3	2	WB0516	90 DEG ELBOW
4	2	WB0377	90 DEG ELBOW
5	1	HA4757	HOSE ASSY
6	1	VZ1081	A JAP HOSE
7	2	VM0317	PLUG
8	2	VM0311	PLUG
9	1	VM0313	PLUG
10	1	VM0314	STRT FTG
11	1	F5194	O-RING
12	1	VM5630	STRT FTG
13	1	WB0543	STRT FTG

INSTALLATION INSTRUCTIONS:

1. VERIFY STEERING ACCUMULATORS ARE COMPLETELY BLED DOWN.
2. REMOVE ACCUMULATOR PRESSURE SWITCH AND INSTALL ITEM 1.
3. REMOVE TUBES AND FITTINGS CONNECTING ACCUMULATORS TO BLEEDDOWN MANIFOLD.
4. INSTALL ITEMS 7 AND 8.
5. GRIND OFF WELD SEAT FROM BACK PLATE AS NOTED.
6. VERIFY ACCUMULATOR PORTS ARE CENTERED IN MOUNTING SHELF OPENINGS.
7. REMOVE ITEM 9 AND DISCARD.
8. REMOVE LUBE SYSTEM SUPPLY HOSE.
9. INSTALL NEW FITTINGS AND HOSES AS SHOWN.
10. RELOCATE PRESSURE SWITCH AND LUBE SYSTEM SUPPLY HOSE AS SHOWN.



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TORQUE FTG		4.05.007		TOL. ON DIM.							
TORQUE G/S		4.05.082		NOT OTHERWISE SPECIFIED							
HYD COMP SPEC		4.93.003		: 25-2 PLACES							
PROCEDURE		ISSUANCE		: 1.5-1 PLACE							
DRAWN BY B WOOD		DATE 10-03-02		: f-ANGULAR		0		GROUP USED ON 001183			
CHECKED		DATE		DASH		DESCRIPTION OF CHANGE		DATE		ECO BY CHD	
APPROVED		DATE		SCALE 1:5							
NAME		DWG STG ACCUM TUBE RPL KIT		MATERIAL						EIK4826	

KOMATSU Komatsu Mining Systems, Inc. Peoria Operations CAD