



Harsco Track Technologies

Harsco

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SERVICE BULLETIN MAINTENANCE OF WAY EQUIPMENT

DATE: 1-12-2004 **BULLETIN NO:** 03-028

TITLE: WORKHEAD / JACKING PUMP UNLOADING SYSTEM

RATING:

<input type="checkbox"/> DIRECTIVE (Action Is Required)	<input type="checkbox"/> ALERT (Potential Problem)
<input type="checkbox"/> INFORMATION (Action Is Optional)	<input checked="" type="checkbox"/> PRODUCT IMPROVEMENT (Enhance Product)

PRODUCT SERIES / MODEL: 6700S Tampers

SERIAL NO: All Models

SUMMARY: The Pump Unloading Manifold has been replaced by individual hydraulic components that will control each pump independently. There now is an individual solenoid valve to load and unload each pump. The elimination of the manifold makes each system independent of each other and easier to trouble shoot. This valve arrangement has been installed on machines manufactured after October 2003. This Service Group replaces the manifold with individual components.

OPERATIONAL IMPACT: To improve reliability of the Pump Unloading System and make troubleshooting of the system easier.

ACTION: Order one Pump Unloading System Service Group part #2007815. Install the Service Group components per the instructions in this Service Bulletin and attached drawings.

CONTACT: If you have any questions or if we can be of any service, please contact Bill Perry at the Ludington, MI. facility, (231) 843-3431.

SAFETY INFORMATION

n FOLLOW APPLICABLE RAILROAD LOCKOUT - TAGOUT PROCEDURE TO REMOVE ALL ENERGY SOURCES FROM MACHINE. FAILURE TO COMPLY COULD RESULT IN SEVERE BODILY INJURY.

SERVICE GROUP INSTALLATION

- See Drawing #2007815 Sheet #1, Sheet #2, Sheet #3 and Sheet #4

*Note: Hydraulic lines illustrated in Blue are existing lines.
Hydraulic lines illustrated in Green are removed lines.
Hydraulic lines illustrated in Red are new lines.*

1. When disconnecting and/or removing hydraulic lines and fittings, be sure to catch all hydraulic fluid in a leak-proof container.
2. Remove the Pump Unloading manifold and hydraulic lines as shown on Sheet #1.
3. Install all new Service Group components as shown on Sheet #2, Sheet #3 and Sheet #4.
4. Be sure to tighten all hydraulic lines and fittings securely.

CHECK FOR LEAKS

5. Start the machine engine and pressurize the Pump Unloading System hydraulic lines.
6. Check all new hydraulic lines and fittings for hydraulic leaks using cardboard, wood, etc. **DO NOT USE YOUR BARE HANDS.**

PARTS LIST

- See Drawing #2007815 Sheet #1, Sheet #2, Sheet #3 and Sheet #4 for Item Numbers

ITEM	PART NO	DESCRIPTION	QTY
3	601368-023	Hose Assembly	2
4	601431-021	Hose Assembly	3
5	150033-5	Adapter, Straight Male Pipe 8 NPT x 4 NPT	1
6	150988-8	Washer, Lock #12 Regular.	2
7	250010-104	Screw, Hex Head Cap 3/8"-16 x 7/8"	2
8	158024-4	Washer, Plain 3/8" Wrought	2
9	2007887	Pump Unload Valve Sub-Assembly	1
14	153883-5	Adapter, Reducer Bushing 8 O-Ring x 6 O-Ring	1
15	7628	Adapter, Swivel 90° #6.	1
16	150239-5	Tee	1
18	601054-022	Hose Assembly	2
19	250010-372	Screw, Hex Head Cap 5/8"-18 x 2-1/2"	8
20	2007383	Test Port Plate	2
21	150167-3	Adapter, 90° 4 O-Ring x 4 JIC	2
22	150988-11	Washer, Lock 3/8" Regular.	8
23	157956-1	Tube Reducer, 37° JIC #6-4.	2
24	7796	Adapter, Tee Swivel Nut Run 6	2
25	152591-22	Adapter, Internal Pipe O-Ring	1
26	154077-1	Hydraulic Needle Valve	1
27	2007815-PP	Parts Page of Drawing / Bill of Material	1
28	2007815-DWG	Hard Copy of Drawing / Bill of Material.	1

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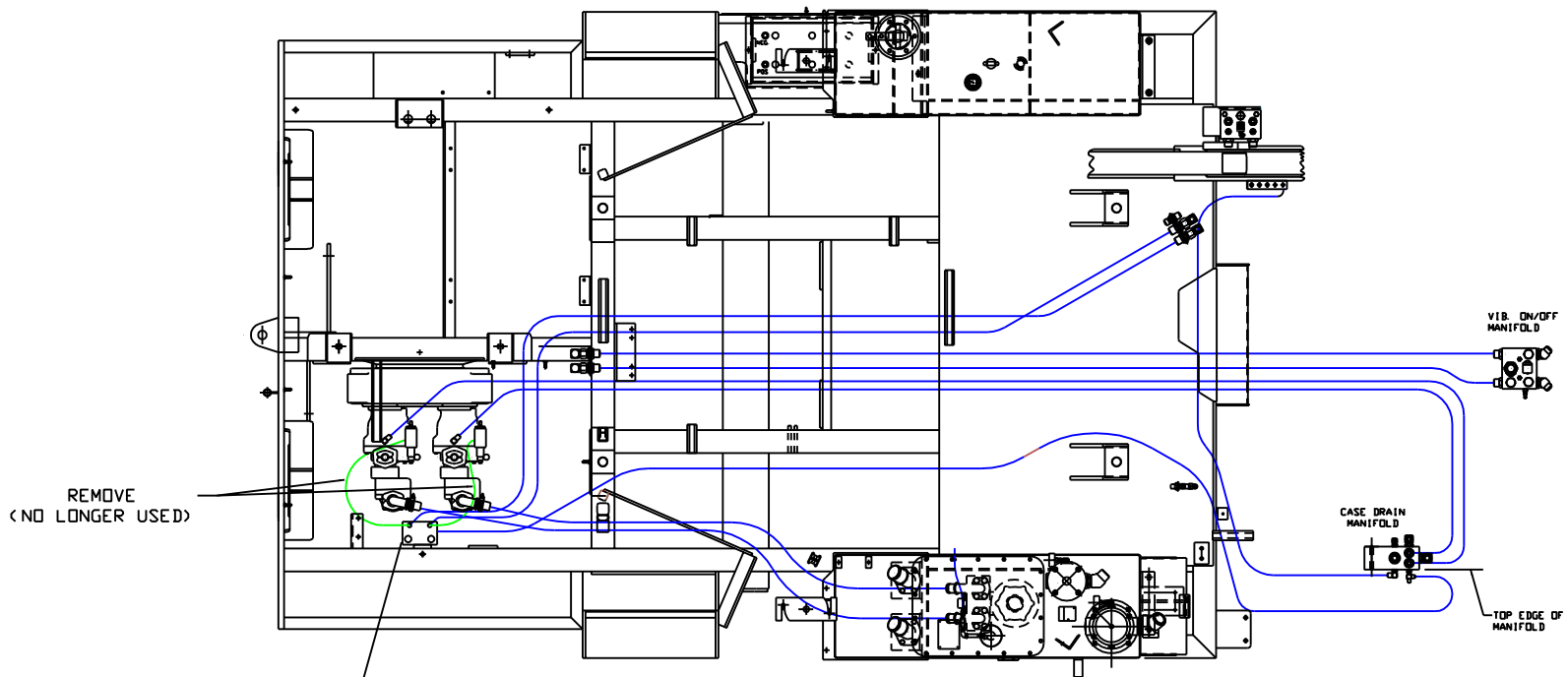
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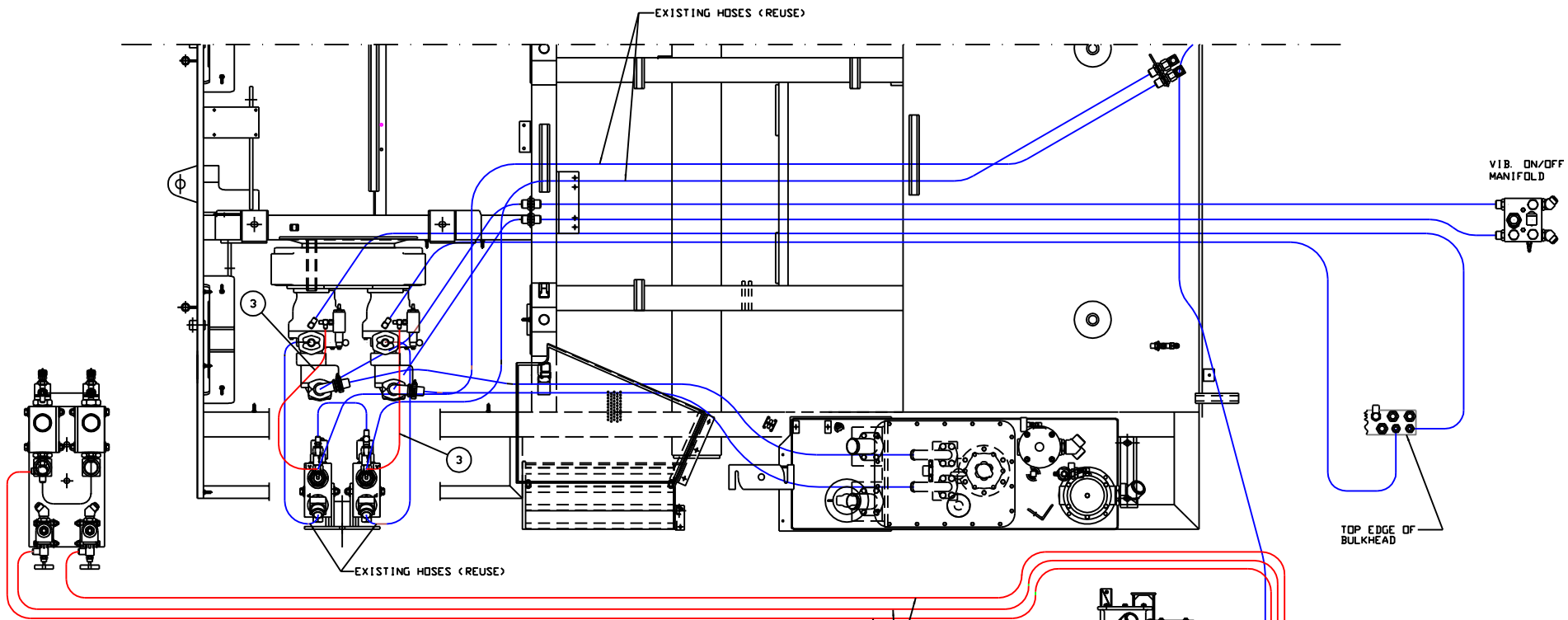
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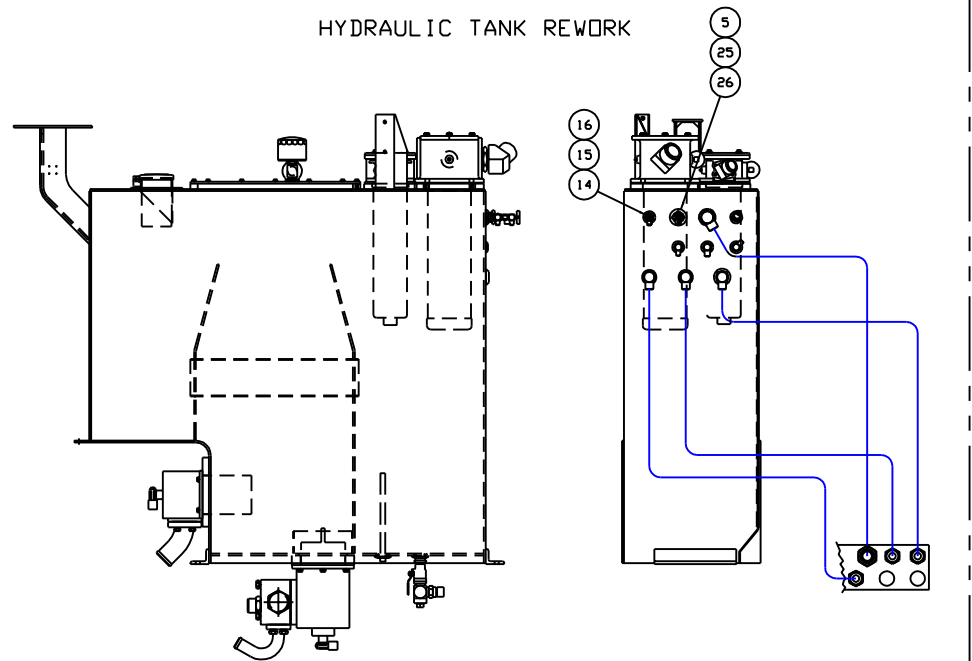


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C10000110 S10000049	18/03 09/03	1 of 1 1 of 1	1 of 1 1 of 1	1 of 1 1 of 1	1 of 1 1 of 1	1 of 1 1 of 1	1 of 1 1 of 1
MATERIAL SEE SCHEMATIC B/W		DRAWING NUMBER 1006813, A		SHEET 4		4	

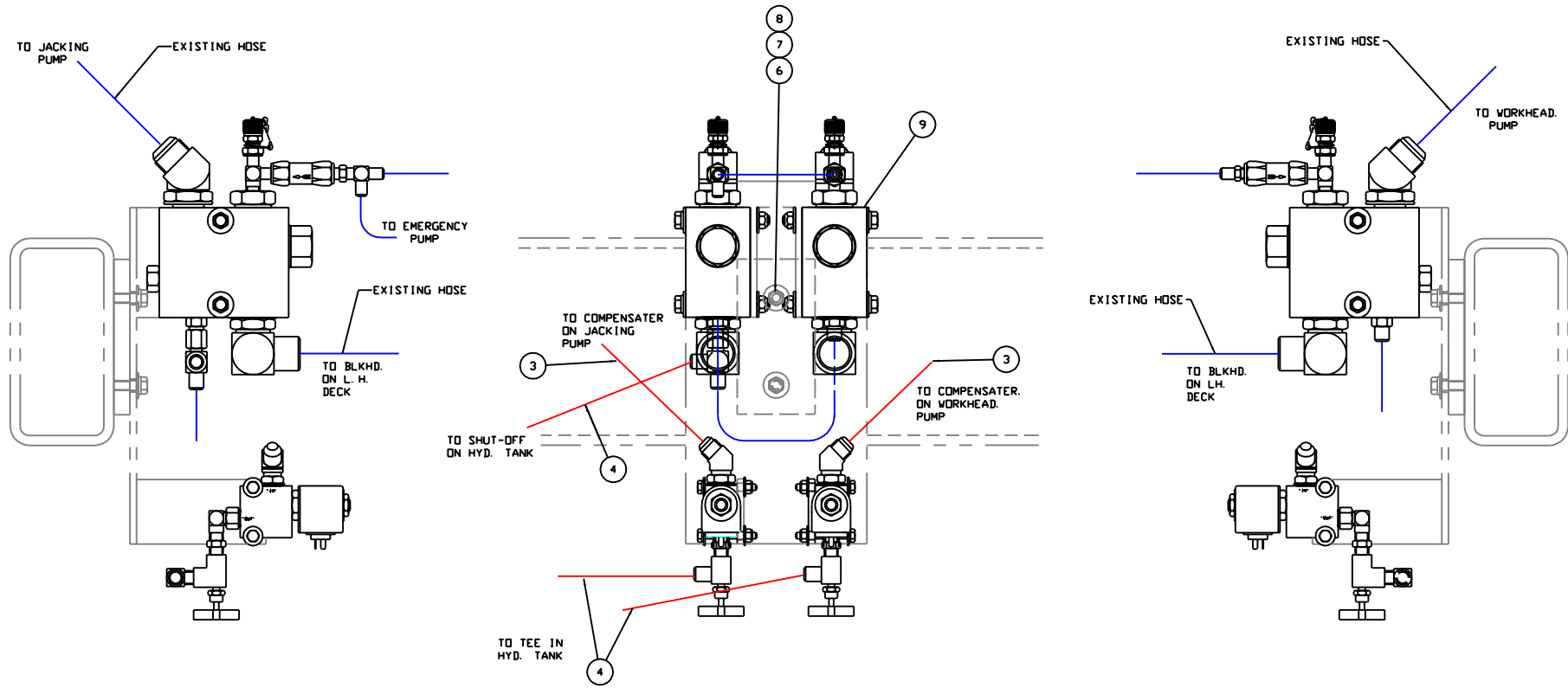


HYDRAULIC TANK REWORK



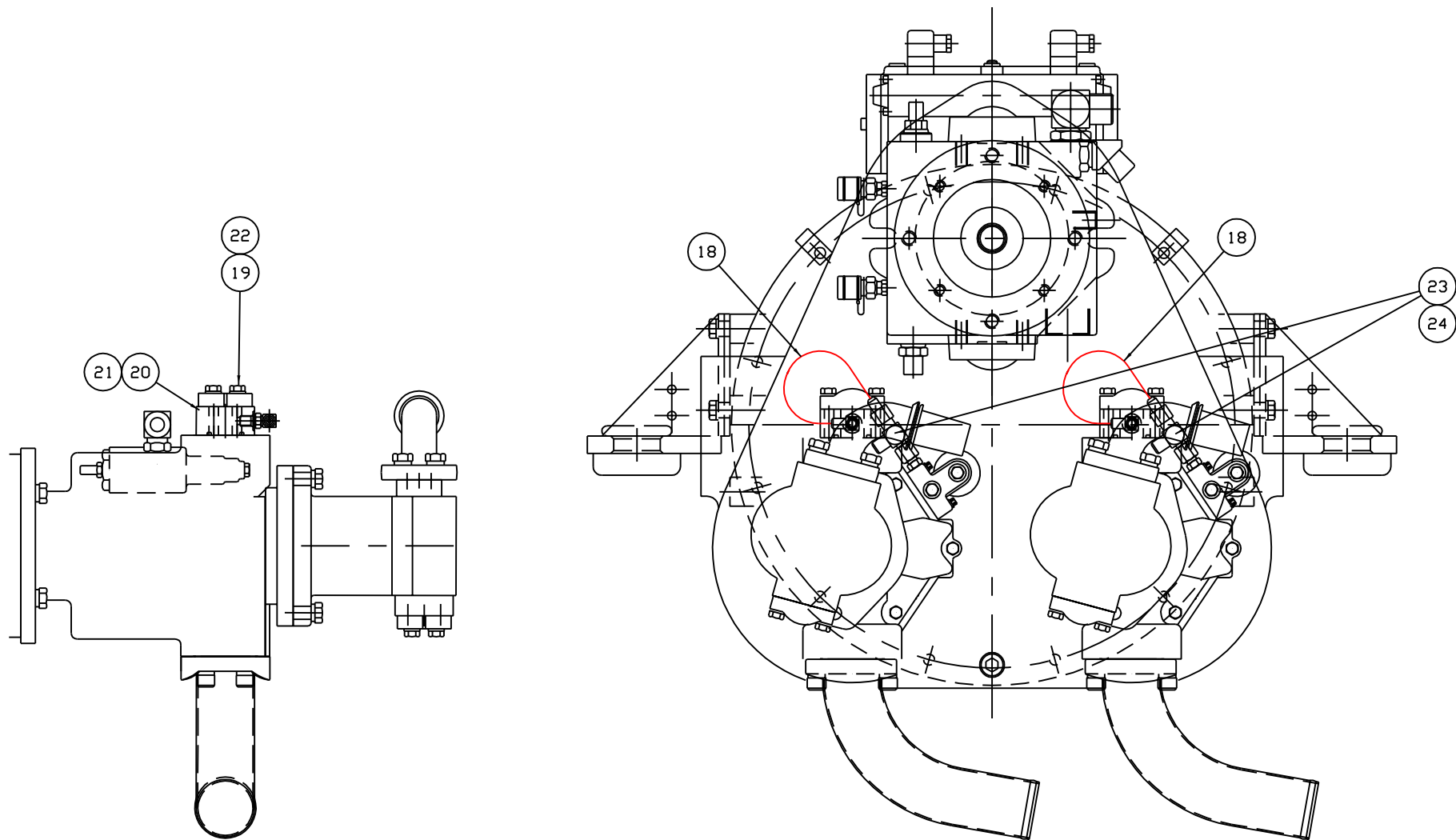
NEW HOSE ROUTING


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VIEW OF (VALVE MOUNTING PLATE CONV.)

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C10005110 S10002249 CI OR SI NUMBER	12/03 09/03 DATE MONTH/YEAR	MODEL SURFACE EQUIP. DRAWN KTC SCALE 1:1	DATE 09/10/03 SEC. SEPARATE B/W	LUBINGTON, WI SHEET 3 OF 4



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CI OR SI NUMBER	DATE MONTH/YEAR					MODEL SURFACE EQUIP.	MATERIAL		
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				SCALE	25=1				