

Service Bulletin

Maintenance of Way Equipment

Date: 7.09.2026**RRP Service Bulletin No:** RRP SB404

Title: 932596 & 932601 Gen5 DASP Machines. Update hydraulic schematics & associated drawings & hydraulic reservoir placard to show correct hydraulic suppressor psi.

Rating:**ALERT**

(Potential Problem)

**INFORMATION**

(Action Is Optional)

**DIRECTIVE**

(Action Is Required)

**PRODUCT IMPROVEMENT**

(Enhance Product)

Product Series: Dual Anchor Adjuster Spreader [DASP] Gen 5**Serial No:**

DASP-297	932596	BNSF	X0100860
DASP-298	932596	BNSF	X0100861

DASP-300	932601	BNSF	X0100862
DASP-301	932601	BNSF	X0100863
DASP-302	932601	BNSF	X0100865
DASP-303	932601	BNSF	X0100864

Summary: Missing pressures on the hydraulic schematic for suppressor.

Action: Update existing 932596 and 932601 parts manuals with the following drawings (see attached pages. Note: drawings are B-size, 11 x 17):

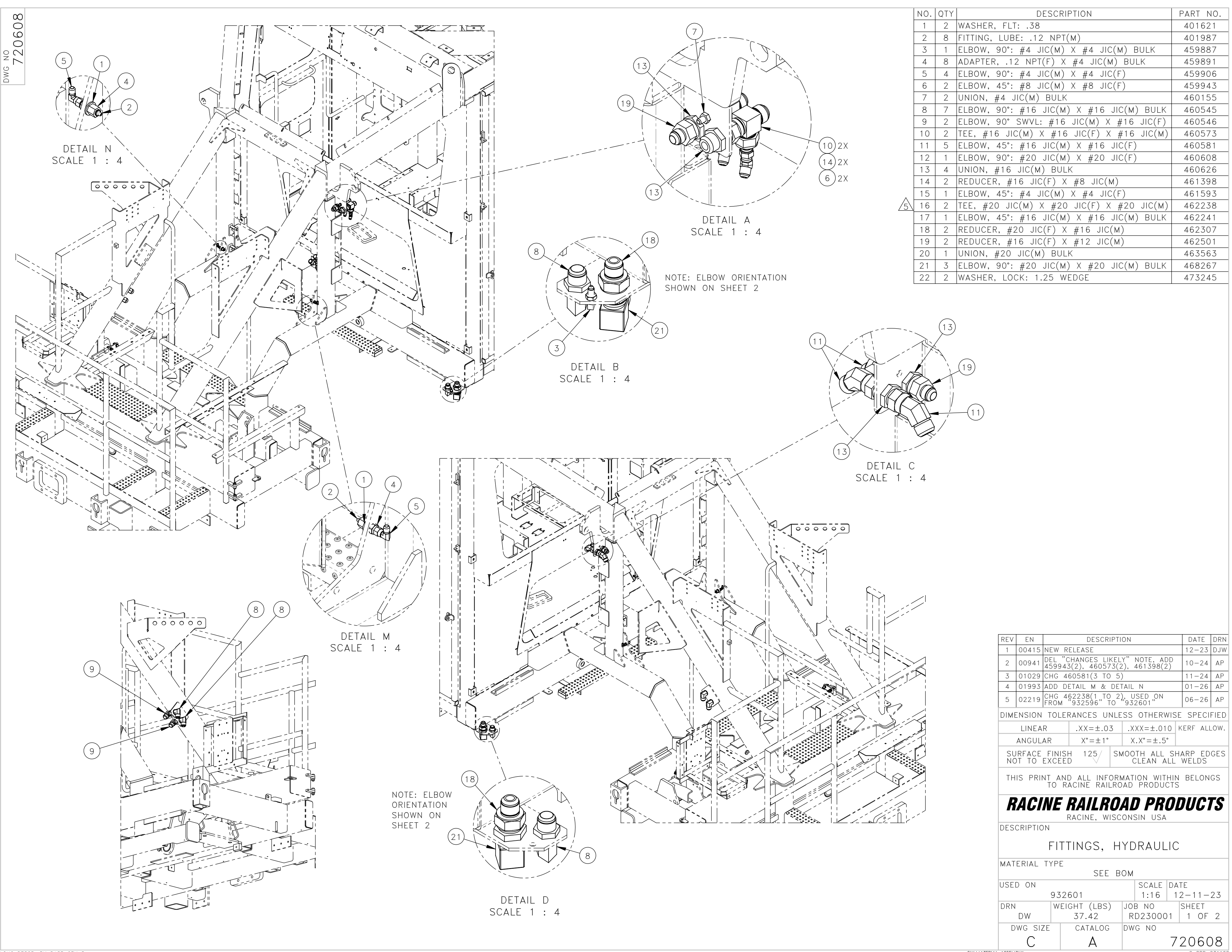
- Hydraulic Fittings RRP# 720608, Rev 5
- Hydraulic Placard RRP# 478257 Rev 6
- Hydraulic Plumbing RRP# 721330, Rev 3
- Hydraulic Schematic RRP# 721331 Rev 2

Add: Check Valve RRP# 721610, Rev 1

Completion / Resolution: Continue with normal machine operation after replacing pages in machine parts manual and hydraulic placard on hydraulic reservoir.

Contact: If you have any questions or we can be of any service, please contact the Racine Railroad Products Service Department at (262)-637-9681 or

fieldservice@racinerailroad.com.



NO.	QTY	DESCRIPTION	PART NO.
1	2	WASHER, FLT: .38	401621
2	8	FITTING, LUBE: .12 NPT(M)	401987
3	1	ELBOW, 90°: #4 JIC(M) X #4 JIC(M) BULK	459887
4	8	ADAPTER, .12 NPT(F) X #4 JIC(M) BULK	459891
5	4	ELBOW, 90°: #4 JIC(M) X #4 JIC(F)	459906
6	2	ELBOW, 45°: #8 JIC(M) X #8 JIC(F)	459943
7	2	UNION, #4 JIC(M) BULK	460155
8	7	ELBOW, 90°: #16 JIC(M) X #16 JIC(M) BULK	460545
9	2	ELBOW, 90° SWVL: #16 JIC(M) X #16 JIC(F)	460546
10	2	TEE, #16 JIC(M) X #16 JIC(F) X #16 JIC(M)	460573
11	5	ELBOW, 45°: #16 JIC(M) X #16 JIC(F)	460581
12	1	ELBOW, 90°: #20 JIC(M) X #20 JIC(F)	460608
13	4	UNION, #16 JIC(M) BULK	460626
14	2	REDUCER, #16 JIC(F) X #8 JIC(M)	461398
15	1	ELBOW, 45°: #4 JIC(M) X #4 JIC(F)	461593
16	2	TEE, #20 JIC(M) X #20 JIC(F) X #20 JIC(M)	462238
17	1	ELBOW, 45°: #16 JIC(M) X #16 JIC(M) BULK	462241
18	2	REDUCER, #20 JIC(F) X #16 JIC(M)	462307
19	2	REDUCER, #16 JIC(F) X #12 JIC(M)	462501
20	1	UNION, #20 JIC(M) BULK	463563
21	3	ELBOW, 90°: #20 JIC(M) X #20 JIC(M) BULK	468267
22	2	WASHER, LOCK: 1.25 WEDGE	473245

REV	EN	DESCRIPTION	DATE	DRN
1	00415	NEW RELEASE	12-23	DJW
2	00941	DEL "CHANGES LIKELY" NOTE, ADD 459943(2), 460573(2), 461398(2)	10-24	AP
3	01029	CHG 460581(3 TO 5)	11-24	AP
4	01993	ADD DETAIL M & DETAIL N	01-26	AP
5	02219	CHG 462238(1 TO 2), USED ON FROM "932596" TO "932601"	06-26	AP

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED

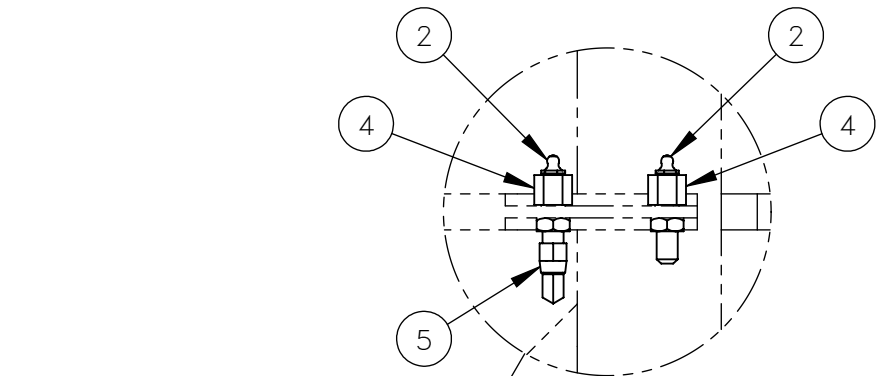
LINEAR	.XX=±.03	.XXX=±.010	KERF ALLOW.
ANGULAR	X°=±1°	X.X°=±.5°	

SURFACE FINISH NOT TO EXCEED	125/✓	SMOOTH ALL SHARP EDGES CLEAN ALL WELDS
---------------------------------	-------	---

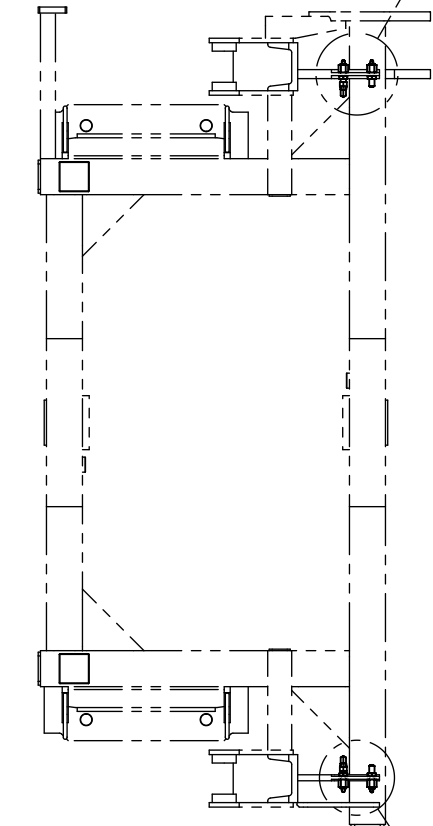
THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS

RACINE RAILROAD PRODUCTS
RACINE, WISCONSIN USA

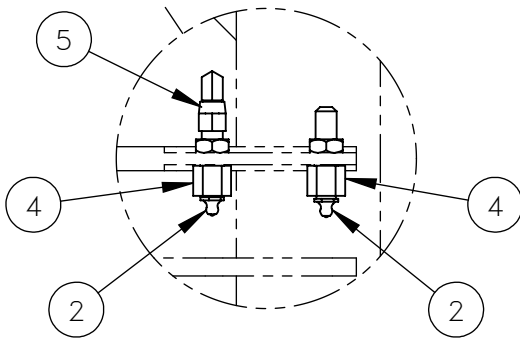
DESCRIPTION			
FITTINGS, HYDRAULIC			
MATERIAL TYPE			
SEE BOM			
USED ON		SCALE	DATE
932601		1:16	12-11-23
DRN	WEIGHT (LBS)	JOB NO	SHEET
DW	37.42	RD230001	1 OF 2
DWG SIZE	CATALOG	DWG NO	
C	A	720608	



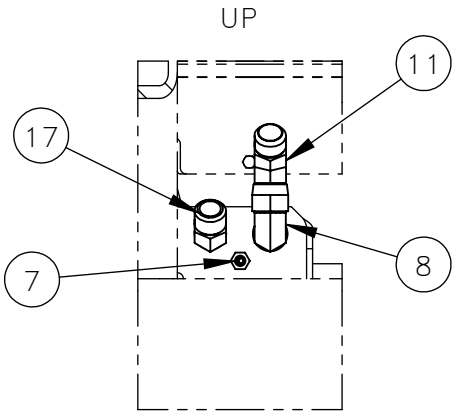
DETAIL E
SCALE 1 : 4



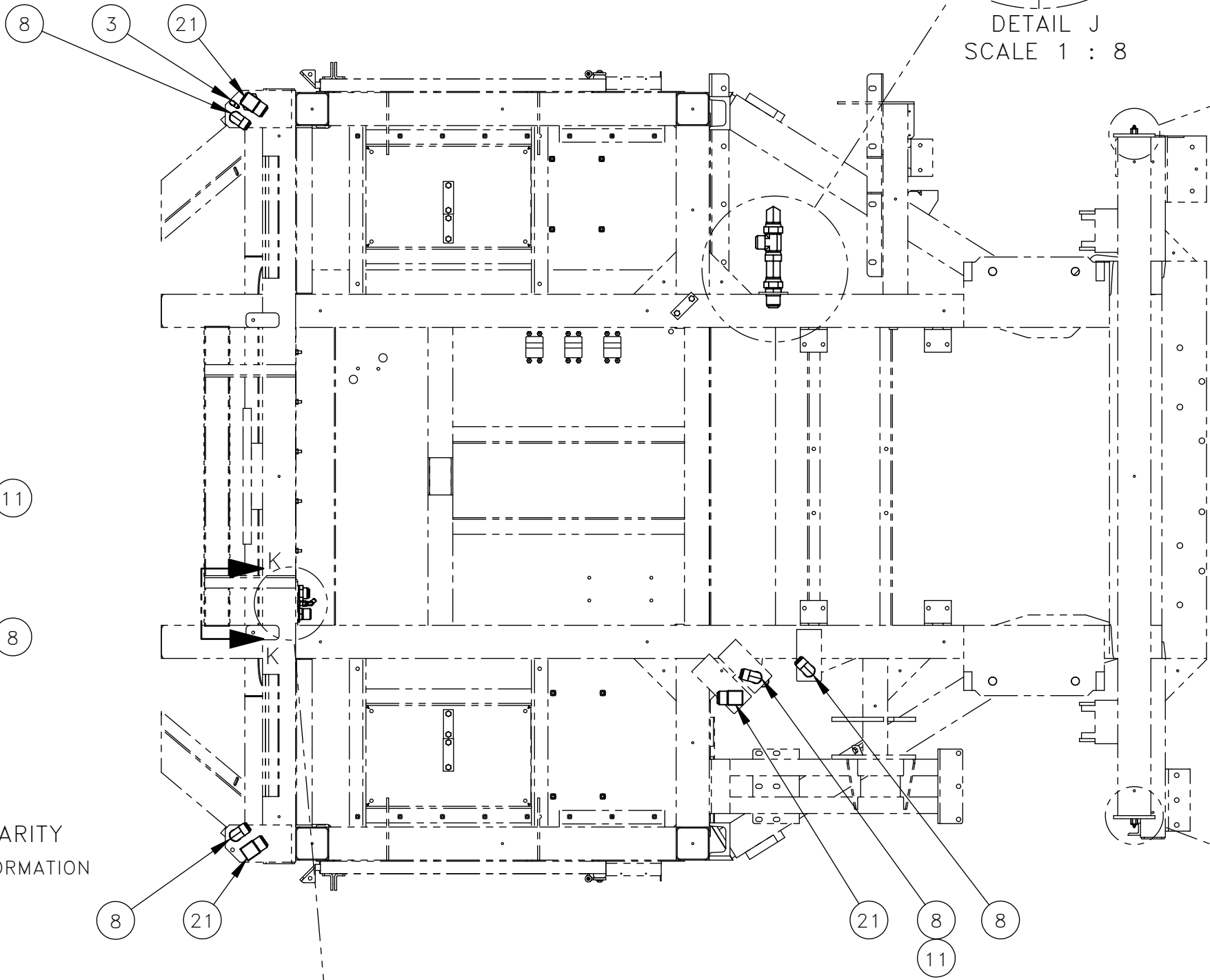
TOP VIEW OF FLOAT FRAME



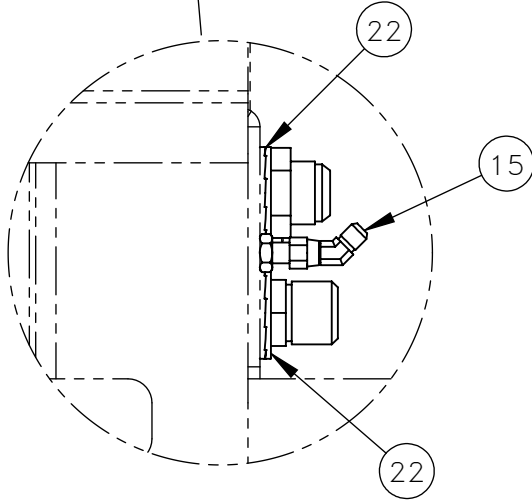
DETAIL F
SCALE 1 : 4



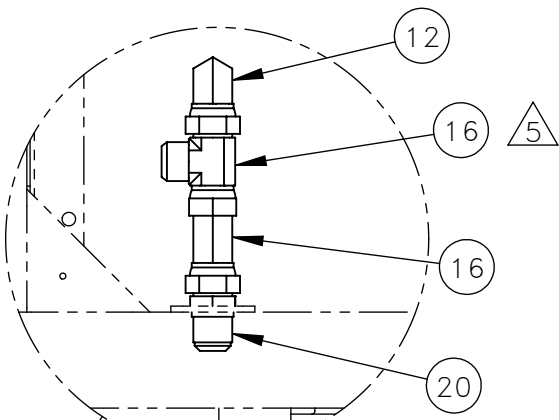
SECTION K-K
SCALE 1 : 8
VIEW ROTATED FOR CLARITY
SEE DETAIL L FOR MORE INFORMATION



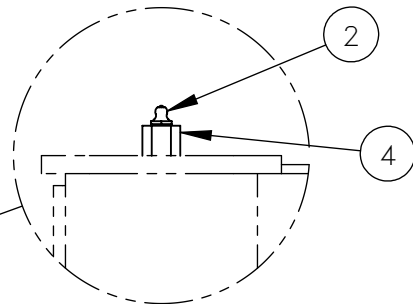
BOTTOM VIEW OF FRAME



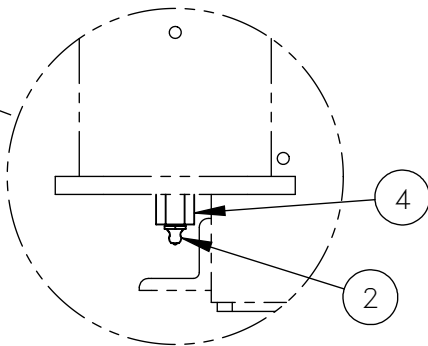
DETAIL L
SCALE 1 : 4
BOTTOM VIEW
SOME COMPONENTS HIDDEN FOR CLARITY
SEE SECTION K-K FOR MORE INFORMATION



DETAIL J
SCALE 1 : 8



DETAIL G
SCALE 1 : 4



DETAIL H
SCALE 1 : 4

REV	EN	DESCRIPTION	DATE	DRN
1	00415	NEW RELEASE	12-23	DJW
2	00941	DEL "CHANGES LIKELY" NOTE. ADD 459943(2), 460573(2), 461398(2)	10-24	AP
3	01029	CHG 460581(3 TO 5)	11-24	AP
4	01993	ADD DETAIL M & DETAIL N	01-26	AP
5	02219	CHG 462238(1 TO 2), USED ON FROM "932596" TO "932601"	06-26	AP

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED

LINEAR	.XX=±.03	.XXX=±.010	KERF ALLOW.
ANGULAR	X°=±1°	X.X°=±.5°	

SURFACE FINISH NOT TO EXCEED	125/✓	SMOOTH ALL SHARP EDGES CLEAN ALL WELDS
---------------------------------	-------	---

THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS

RACINE RAILROAD PRODUCTS
RACINE, WISCONSIN USA

DESCRIPTION

FITTINGS, HYDRAULIC

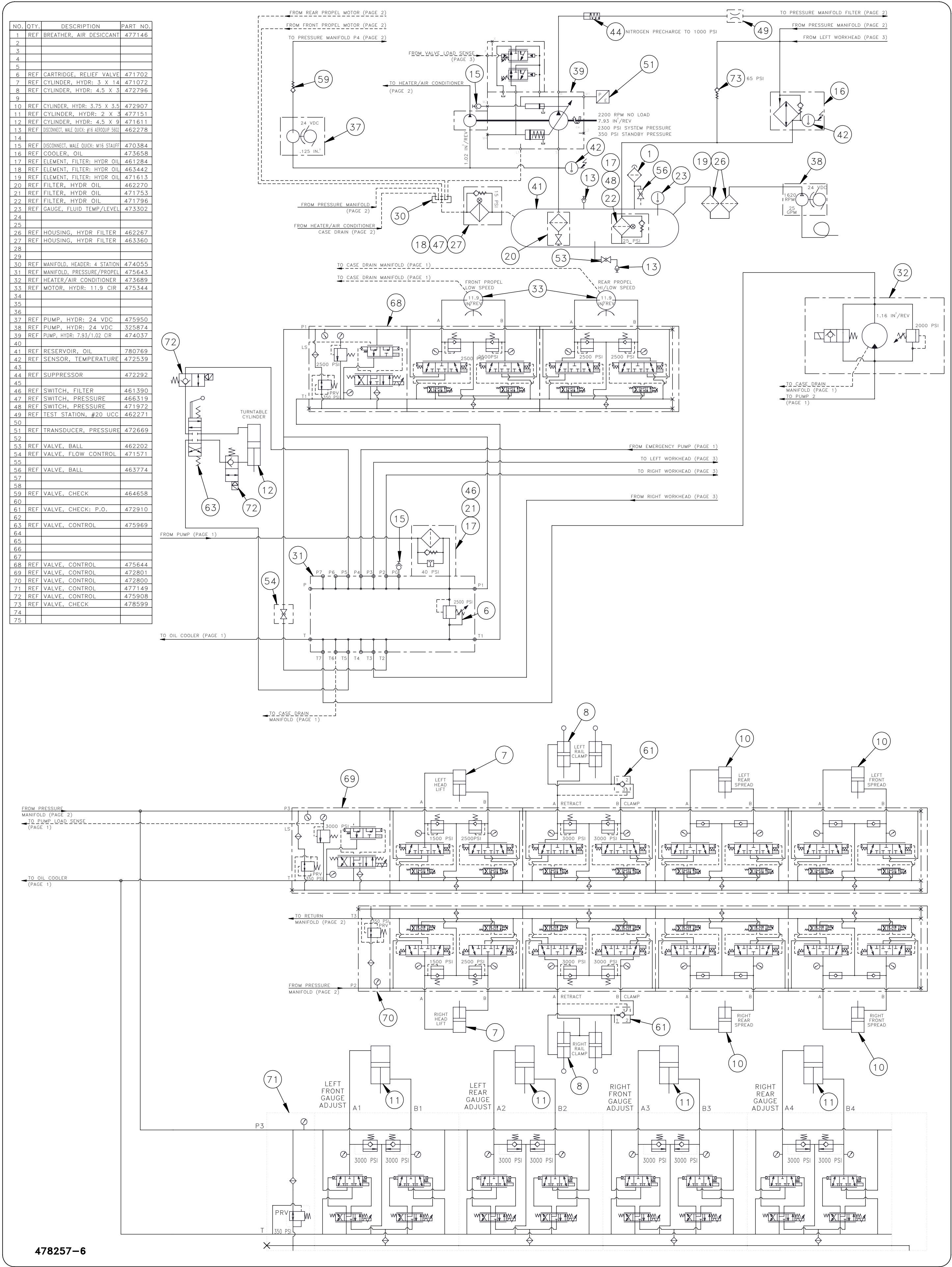
MATERIAL TYPE
SEE BOM

USED ON	932601	SCALE 1:16	DATE 12-11-23
---------	--------	---------------	------------------

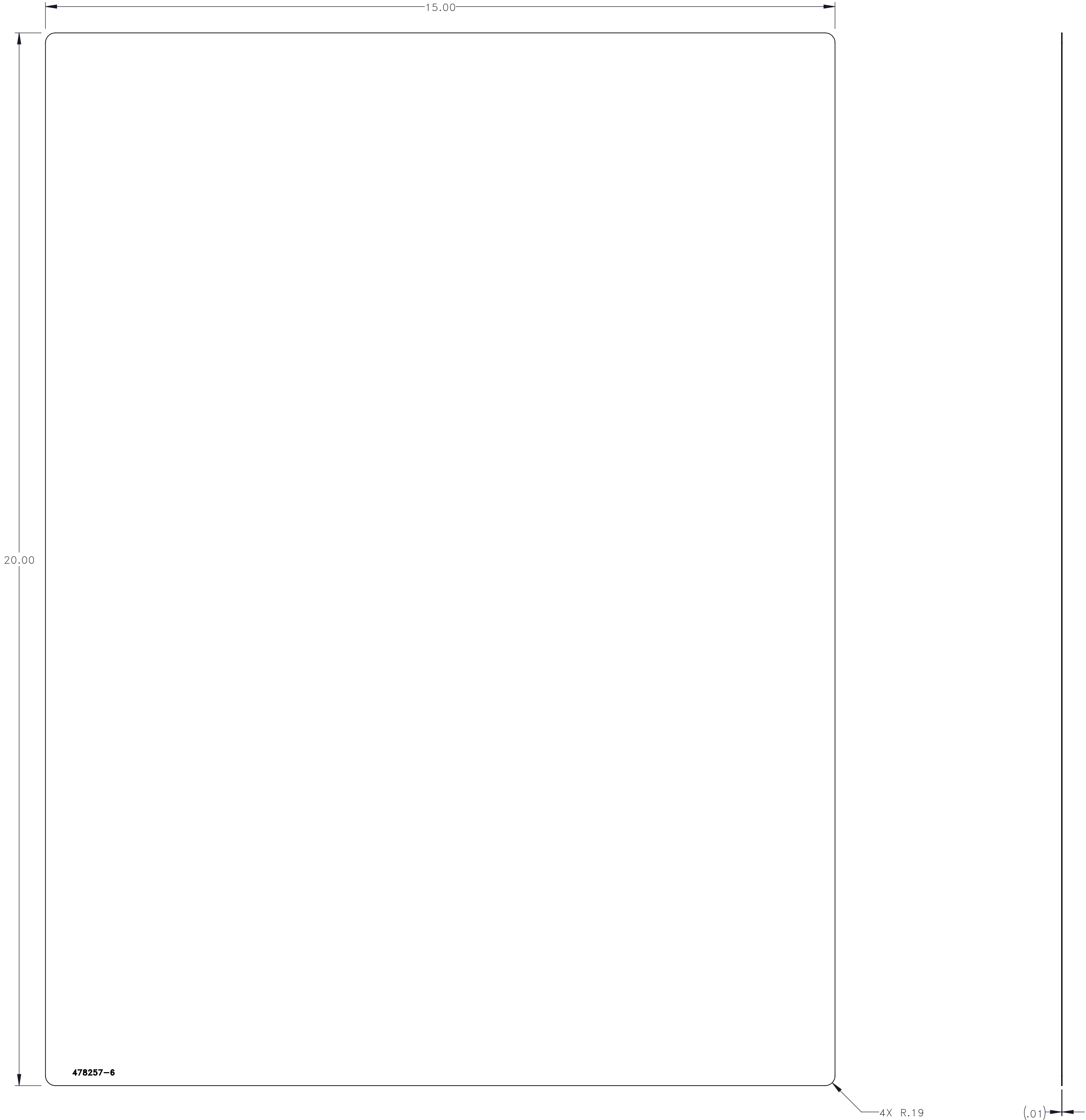
DRN DW	WEIGHT (LBS) 37.42	JOB NO RD230001	SHEET 2 OF 2
-----------	-----------------------	--------------------	-----------------

DWG SIZE C	CATALOG A	DWG NO 720608
---------------	--------------	------------------

NO.	QTY	RAW MATERIAL DESCRIPTION	PART NO.
1	AR	PLACARD MATERIAL, .010 POLYCARBONATE W/ PSA	020045



REV	EN	DESCRIPTION		DATE	DRN			
1	00780	NEW RELEASE		7-24	AP			
2	00624	UPDATE SCHEMATIC		10-24	AP			
3	01012	REMOVE TANK SIDE SUPPRESSOR		11-24	AP			
4	01180	REMOVE 120 VAC GENERATOR		12-24	AP			
5	01671	CHG & MOVE TEST STATION		08-25	AP			
6	02219	ADD 478599(REF)		06-26	AP			
DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED								
LINEAR		.XX=±.03	.XXX=±.010	KERF ALLOW.				
ANGULAR		X"=±1"	X.X"=±.5"					
SURFACE FINISH		125 ✓	SMOOTH ALL SHARP EDGES NOT TO EXCEED CLEAN ALL WELDS					
THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS								
RACINE RAILROAD PRODUCTS								
RACINE, WISCONSIN USA								
DESCRIPTION PLACARD, DASP HYDRAULIC SCHEMATIC								
MATERIAL TYPE		SEE BOM						
USED ON			SCALE	DATE				
720866			1:1	08-01-24				
DRN	WEIGHT (LBS)	JOB NO	SHEET					
AP	0.13	RD230001	1 OF 2					
DWG SIZE	CATALOG	DWG NO						
D	S		478257					
Polaron Products		O. 880. 231.018						



REV	EN	DESCRIPTION	DATE	DRN
1	00780	NEW RELEASE	7-24	AP
2	00624	UPDATE SCHEMATIC	10-24	AP
3	01012	REMOVE TANK SIDE SUPPRESSOR	11-24	AP
4	01180	REMOVE 120 VAC GENERATOR	12-24	AP
5	01671	CHG & MOVE TEST STATION	08-25	AP
6	02219	ADD 478599(REF)	06-26	AP

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED			
LINEAR	.XX=±.03	.XXX=±.010	KERF ALLOW.
ANGULAR	X°=±1°	X.X°=±.5°	
SURFACE FINISH NOT TO EXCEED	125/√	SMOOTH ALL SHARP EDGES CLEAN ALL WELDS	

THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS			
RACINE RAILROAD PRODUCTS RACINE, WISCONSIN USA			
DESCRIPTION PLACARD, DASP HYDRAULIC SCHEMATIC			
MATERIAL TYPE SEE BOM			
USED ON	720866	SCALE 3:4	DATE 08-01-24
DRN AP	WEIGHT (LBS) 0.13	JOB NO RD230001	SHEET 2 OF 2
DWG SIZE D	CATALOG S	DWG NO 478257	

MACHINE REAR SIDE

MACHINE LEFT SIDE

MACHINE FRONT SIDE

MACHINE RIGHT SIDE

NO.	QTY	DESCRIPTION	PART NO.
1	2	HOSE ASSY, #4 X 22 CR	463289
2	2	HOSE ASSY, #4 X 26 CR	467639
3	1	HOSE ASSY, #4 X 30 CR	466699
4	1	HOSE ASSY, #4 X 45 CR	471785
5	3	HOSE ASSY, #4 X 47 CR	471784
6	1	HOSE ASSY, #4 X 77 CR	478370
7	1	HOSE ASSY, #4 X 82 CR	469877
8	1	HOSE ASSY, #4 X 84 CR	469878
9	1	HOSE ASSY, #4 X 94 CR	466799
10	1	HOSE ASSY, #4 X 102 CR	463343
11	1	HOSE ASSY, #4 X 105 CR	467830
12	1	HOSE ASSY, #4 X 107 CR	471367
13	1	HOSE ASSY, #4 X 108 CR	478408
14	1	HOSE ASSY, #4 X 116 CR	478405
15	1	HOSE ASSY, #4 X 124 CR	477104
16	1	HOSE ASSY, #4 X 143 CR	478404
17	1	HOSE ASSY, #4 X 155 CR	472630
18	1	HOSE ASSY, #4 X 162 CR	477065
19	1	HOSE ASSY, #4 X 180 CR	478407
20	1	HOSE ASSY, #6 X 38 CR	471031
21	1	HOSE ASSY, #6 X 52 CR	464951
22	1	HOSE ASSY, #6 X 86 CR	466696
23	1	HOSE ASSY, #6 X 99 CR	467820
24	1	HOSE ASSY, #6 X 111 CR	471782
25	1	HOSE ASSY, #6 X 144 CR	474058
26	1	HOSE ASSY, #6 X 178 CR	478396
27	1	HOSE ASSY, #8 X 32 CR	470066
28	2	HOSE ASSY, #8 X 39 CR	470067
29	1	HOSE ASSY, #8 X 57 CR	463316
30	1	HOSE ASSY, #8 X 66 CR	463345
31	2	HOSE ASSY, #12 X 33 CR	472965
32	1	HOSE ASSY, #12 X 45 CR	477102
33	1	HOSE ASSY, #12 X 84 CR	477133
34	1	HOSE ASSY, #12B X 25 CR	464120
35	1	HOSE ASSY, #12B X 41 CR	478391
36	1	HOSE ASSY, #12B X 54 CR	466846
37	1	HOSE ASSY, #12B X 103 CR	478401
38	1	HOSE ASSY, #12C X 69 CR	478400
39	1	HOSE ASSY, #16 X 37 CR	471360
40	1	HOSE ASSY, #16 X 39 CR	466676
41	1	HOSE ASSY, #16 X 67 CR	471783
42	4	HOSE ASSY, #16 X 78 CR	472012
43	1	HOSE ASSY, #16 X 79 CR	478402
44	1	HOSE ASSY, #16 X 79.5 CR	472010
45	1	HOSE ASSY, #16 X 107 CR	469674
46	1	HOSE ASSY, #16B X 39.5 CR	474217
47	1	HOSE ASSY, #16B X 42 CR	463182
48	1	HOSE ASSY, #16B X 47 CR	478364
49	1	HOSE ASSY, #16B X 57 CR	478363
50	1	HOSE ASSY, #20 X 41 CR	472014
51	1	HOSE ASSY, #20 X 48 CR	471364
52	1	HOSE ASSY, #20 X 52 CR	465726
53	1	HOSE ASSY, #20 X 61 CR	470050
54	1	HOSE ASSY, #20 X 64 CR	478371
55	1	HOSE ASSY, #20 X 66 CR	478369
56	1	HOSE ASSY, #20 X 68 CR	469024
57	1	HOSE ASSY, #20 X 88.5 CR	469451
58	1	HOSE ASSY, #20 X 104 CR	469675

3

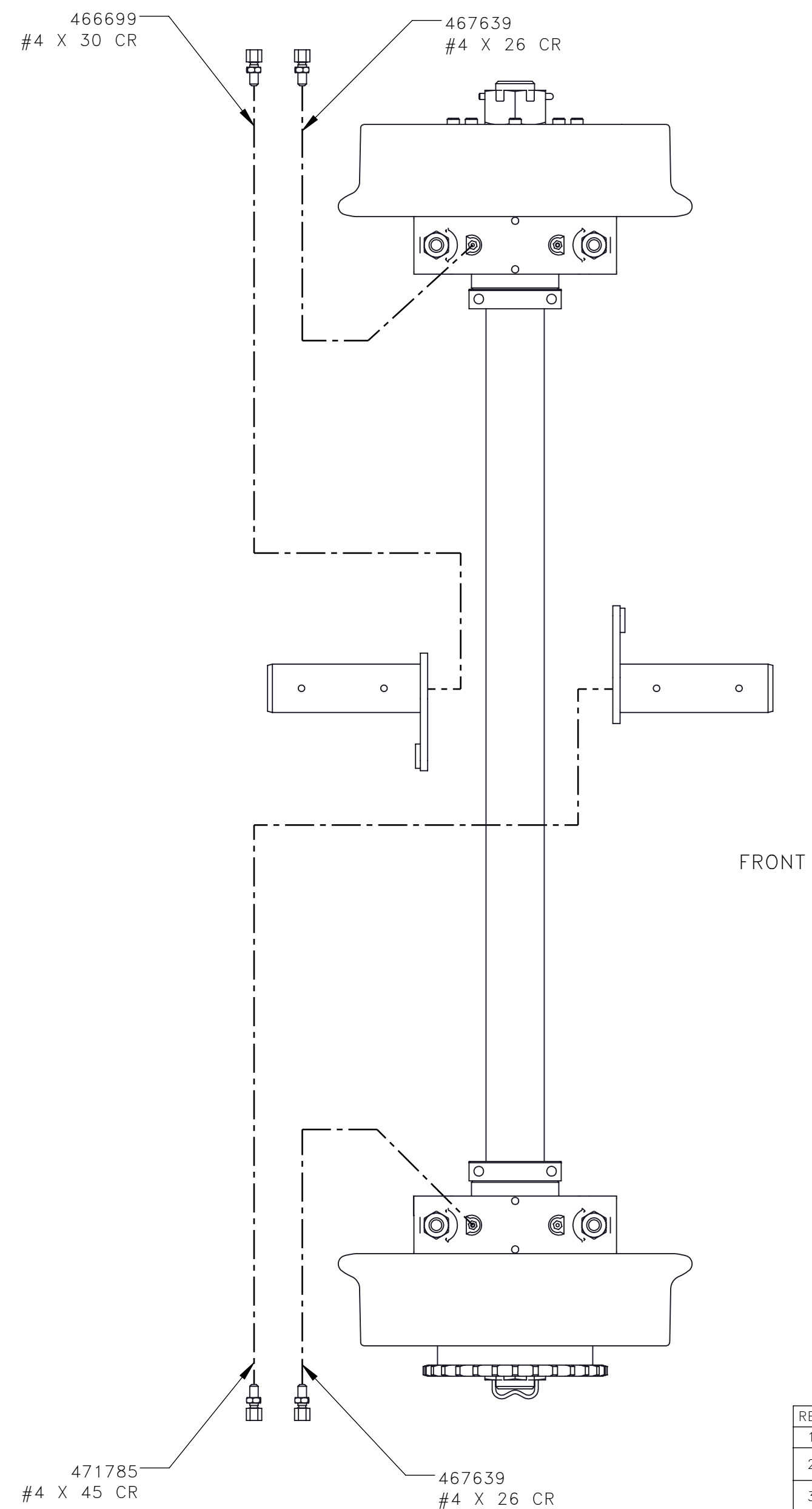
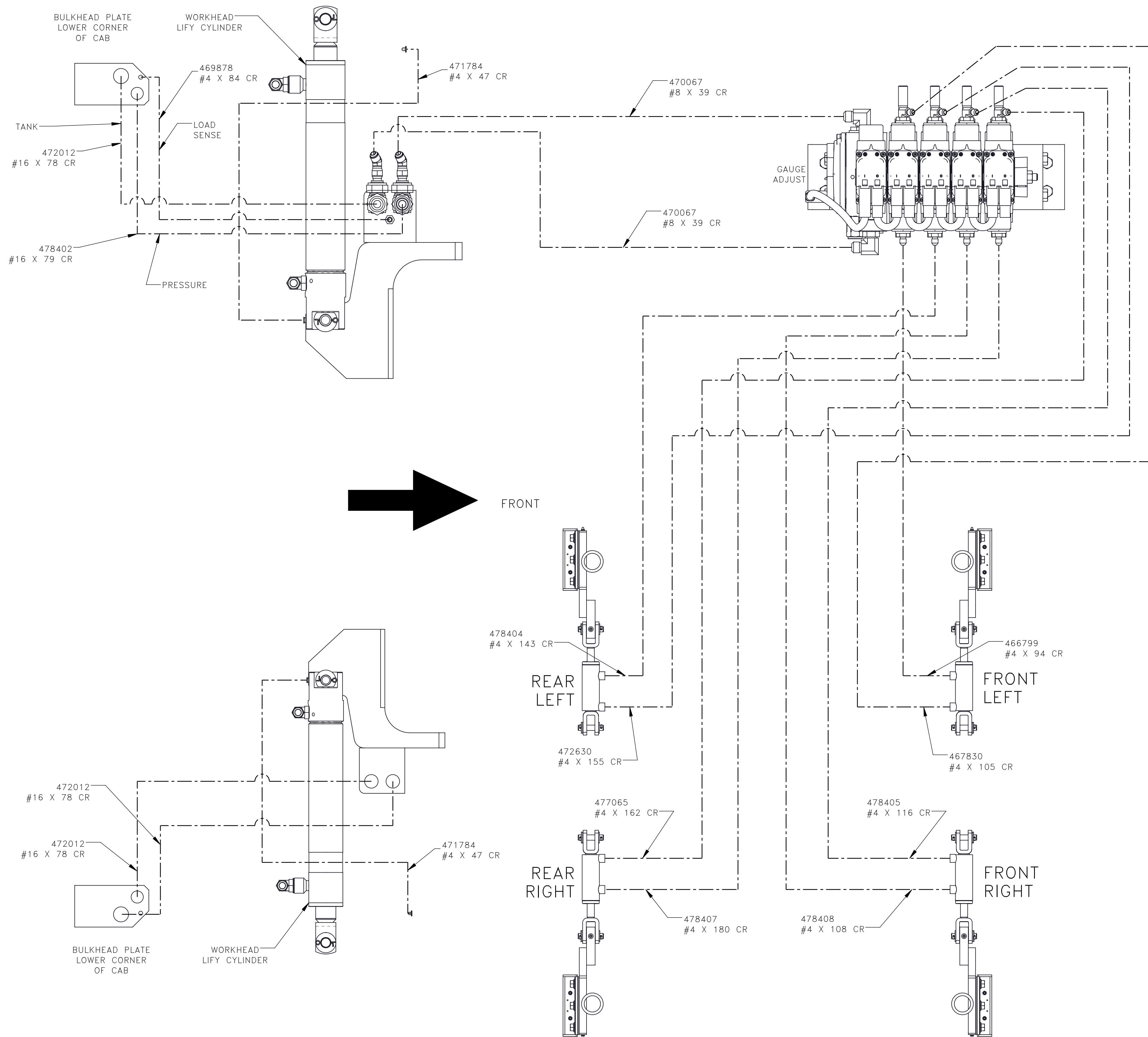
3182

6B X 42 CR

474217

#16B X 39.5 CR

REV	EN	DESCRIPTION	DATE	DRN
1	01717	NEW RELEASE	09-25	AP
2	01990	DEL 474218(1), 474219(1); ADD 469024(1), 469451(1)	01-26	AP
3	02219	DEL 464224(1); ADD 469675(1), CHECK VALVE	06-26	AP

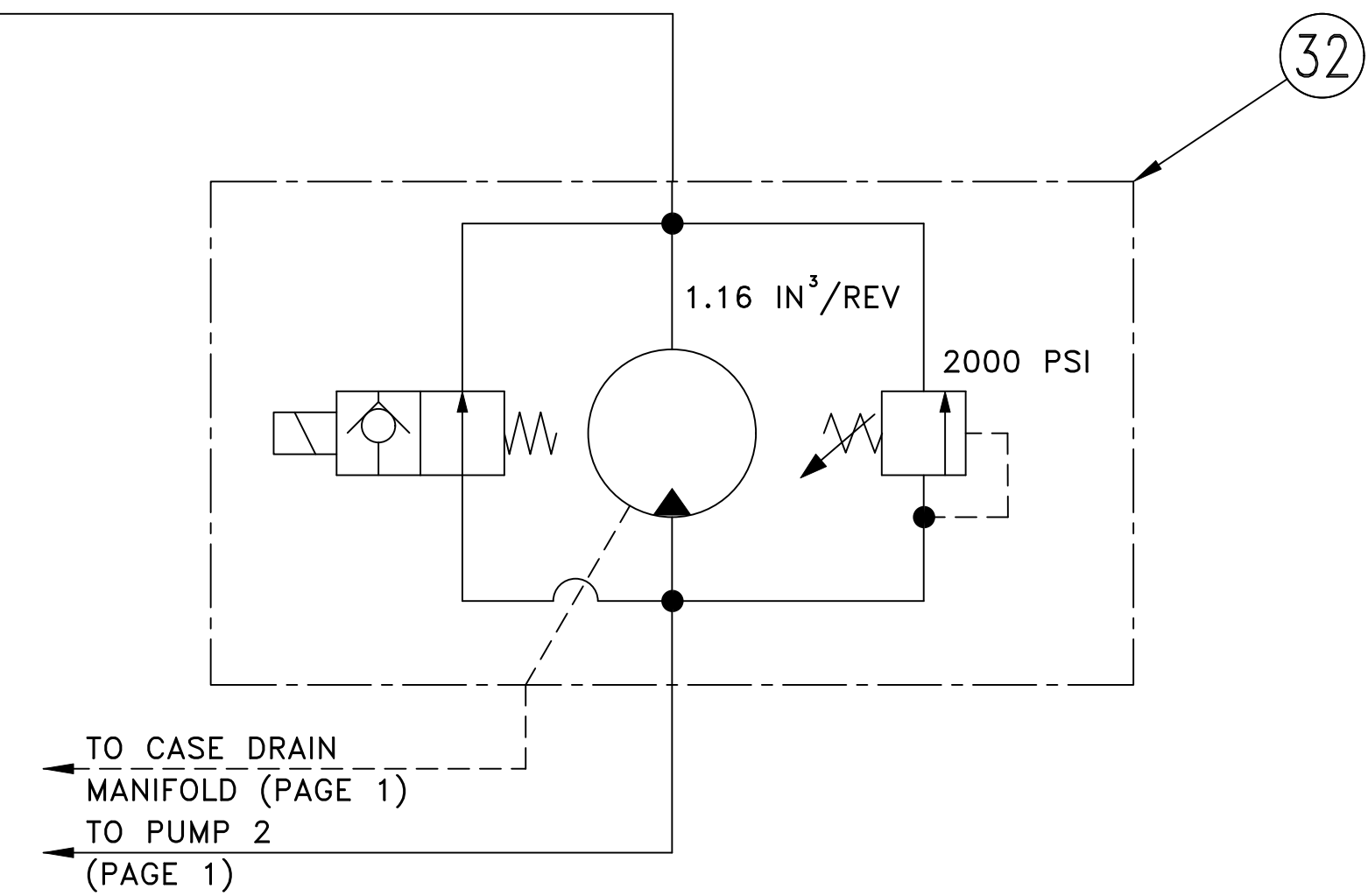
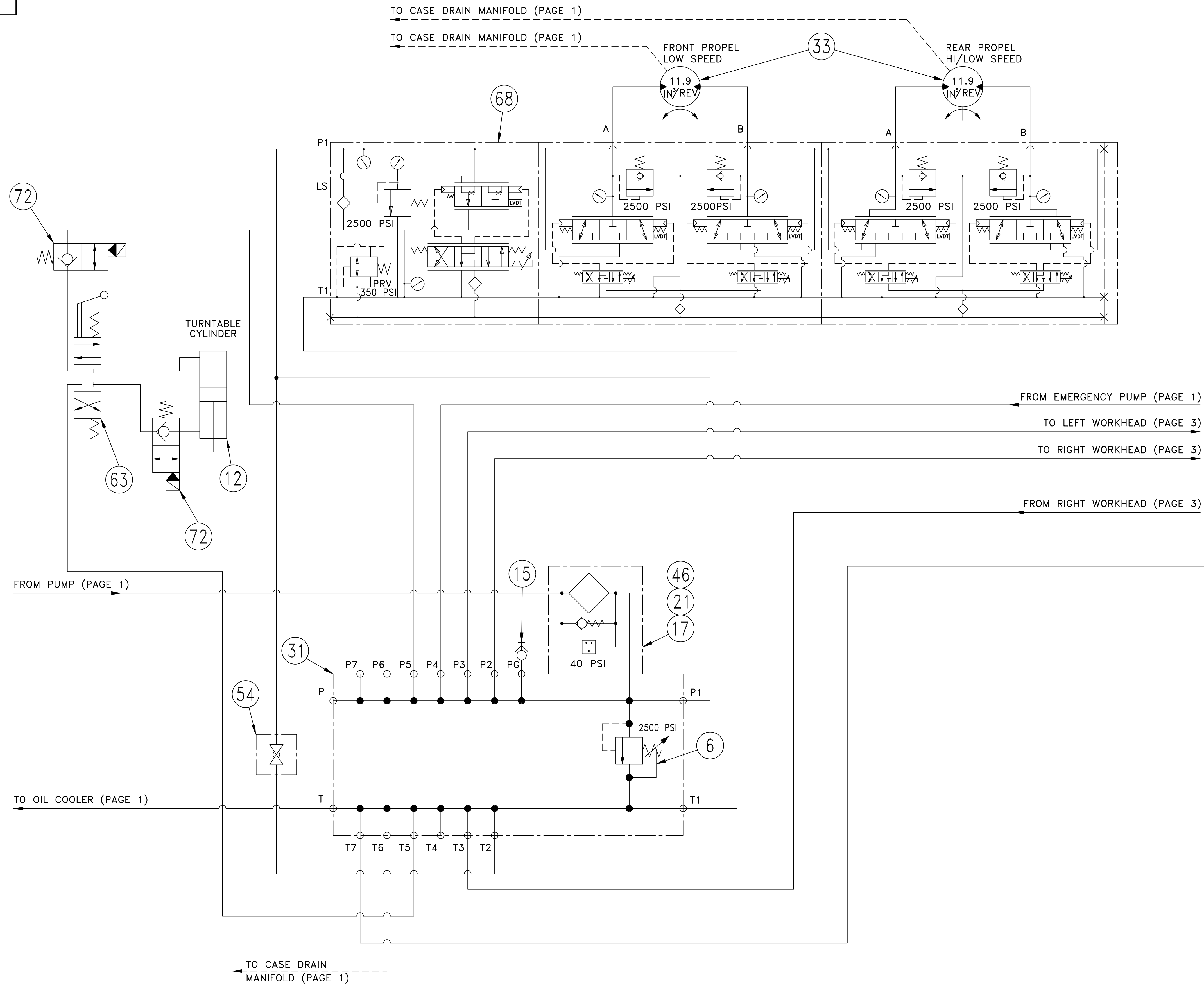


REV	EN	DESCRIPTION	DATE	DRN
1	01717	NEW RELEASE	09-25	AP
2	01990	DEL 474218(1), 474219(1); ADD 469024(1), 469451(1)	01-26	AP
3	02219	DEL 464224(1); ADD 469675(1), CHECK VALVE	06-26	AP
DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED				
LINEAR		.XX±.03	.XXX±.010	KERF ALLOW.
ANGULAR		X°±1°	X.X°±.5°	
SURFACE FINISH NOT TO EXCEED		125/	SMOOTH ALL SHARP EDGES CLEAN ALL WELDS	
THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS				
<i>RACINE RAILROAD PRODUCTS</i>				
RACINE, WISCONSIN USA				
DESCRIPTION				
PLUMBING, HYDRAULIC				
MATERIAL TYPE				
SEE BOM			SCALE 1:1	DATE 09-16-25
USED ON	932601		SCALE 1:1	DATE 09-16-25
DRN	AP	WEIGHT (LBS) 146.01	JOB NO RD230001	SHEET 2 OF 2
DWG SIZE		CATALOG	DWG NO	
D		A	713030	
ASSURBY		D. BORDO 3/31/00		

NO. 721331

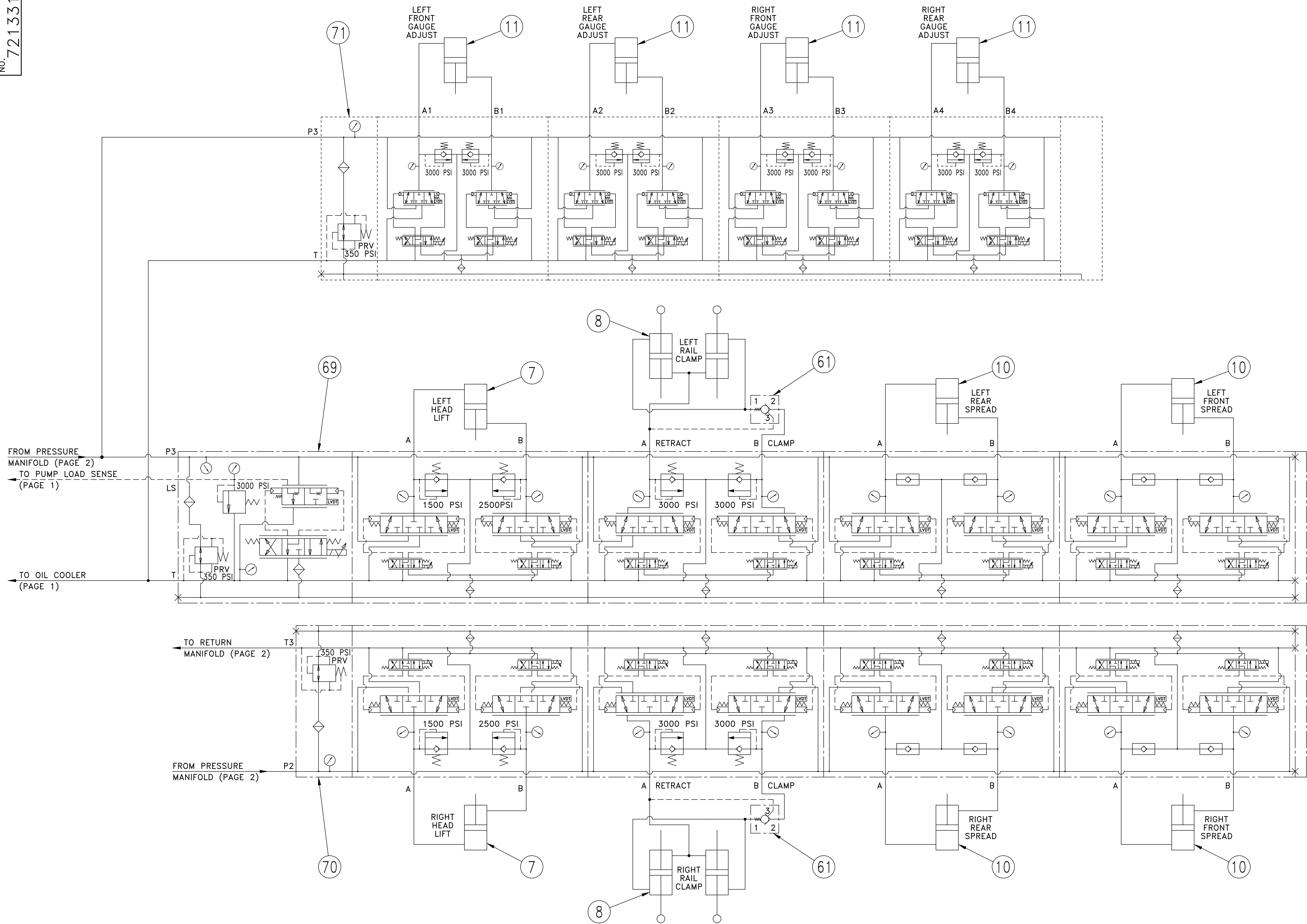


NO. 721331



THIS DRAWING FOR
REFERENCE ONLY. NOT
TO BE USED FOR ASSY.

[illegible]

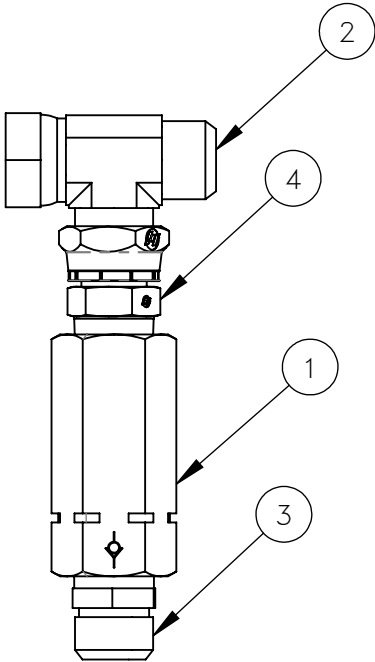


THIS DRAWING FOR
REFERENCE ONLY. NOT
TO BE USED FOR ASSY.

[illegible]

NO.	QTY	DESCRIPTION	PART NO.
1	1	VALVE, CHECK	478599
2	1	TEE, #20 JIC(M) X #20 JIC(F) X #20 JIC(M)	462238
3	1	ADAPTER, 1.25 NPT(M) X #20 JIC(M)	462239
4	1	ADAPTER, 1.25 NPT(M) X #20 JIC(F)	478601

DWG NO
721610



REV	EN	DESCRIPTION		DATE	DRN
1	02219	NEW RELEASE			06-26 AP
DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED					
LINEAR		.XX=±.03	.XXX=±.010	KERF ALLOW.	
ANGULAR		X°=±1°	X.X°=±.5°		
SURFACE FINISH 125/NOT TO EXCEED			SMOOTH ALL SHARP EDGES CLEAN ALL WELDS		
THIS PRINT AND ALL INFORMATION WITHIN BELONGS TO RACINE RAILROAD PRODUCTS					
<i>RACINE RAILROAD PRODUCTS</i> RACINE, WISCONSIN USA					
DESCRIPTION					
VALVE, CHECK					
MATERIAL TYPE					
SEE BOM					
USED ON			SCALE	DATE	
932601			1:4	06-10-26	
DRN	WEIGHT (LBS)		JOB NO	SHEET	
AP	7.44		RD230001	1 OF 1	
DWG SIZE		CATALOG	DWG NO		
A		A	721610		

