EASI

REDI-Mix

TRUCKS

A Division of INTEGRAL dx

PARTS MANUAL

Part # 70102104

L#3034011

Parts Manual

INTEGRAL dx 14 YARD MIXER TRUCK



Part# 70102104

Revision: 1

Printed Date: 8/21/26

121 N. 1st St.

Montevideo, MN 56265

320-435-0003

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Torque Tables

General Torque Specification Chart for Standard Thread (ft-lbs)					
Nominal size	**Thread**	**Grade 5 Dry**	**Grade 5 Lubricated**	**Grade 8 Dry**	**Grade 8 Lubricated**
1/4	28 Fine	9.7	7.3	13.7	10.3
1/4	**20 Coarse**	**8.4**	**6.3**	**11.9**	**8.9**
5/16	24 Fine	19.2	14.4	27.3	20.4
5/16	**18 Coarse**	**17.4**	**13.1**	**24.6**	**18.4**
3/8	24 Fine	35.0	26.3	49.4	37.1
3/8	**18 Coarse**	**30.8**	**23.2**	**43.6**	**32.7**
7/16	20 Fine	55.2	41.3	77.9	58.3
7/16	**14 Coarse**	**49.4**	**37.1**	**69.8**	**52.3**
1/2	20 Fine	85.0	63.7	120.0	90.0
1/2	**13 Coarse**	**75.3**	**56.5**	**106.4**	**79.8**
9/16	18 Fine	121	91	171	128
9/16	**12 Coarse**	**109**	**82**	**154**	**115**
5/8	18 Fine	170	127	240	180
5/8	**11 Coarse**	**150**	**113**	**212**	**159**
3/4	16 Fine	297	223	420	315
3/4	**10 Coarse**	**269**	**201**	**376**	**282**
1	12 Fine	704	528	995	746
1	**8 Coarse**	**644**	**483**	**909**	**681**
1 1/4	12 Fine	930	1241	1509	2012
1 1/4	**7 Coarse**	**840**	**1121**	**1363**	**1817**
1 3/8	12 Fine	1254	1672	2034	2712
1 3/8	**6 Coarse**	**1102**	**1469**	**1786**	**2382**
1 1/2	12 Fine	1645	2194	2668	3557
1 1/2	**6 Coarse**	**1462**	**1950**	**2371**	**3162**

General Torque Specification Chart for Metric Thread (ft-lbs)							
Nominal size	**Thread**	**Class 4.8 Dry**	**Class 4.8 Lubricated**	**Class 8.8 Dry**	**Class 8.8 Lubricated**	**Class 10.9 Dry**	**Class 10.9 Lubricated**
3	0.5	0.5	0.4				
3.5	**0.6**	**0.8**	**0.6**				
4	0.7	1.2	0.9				
5	**0.8**	**2.4**	**1.8**				
6	1	4.2	3.1				
8	**1.25**	**10.0**	**7.5**	**19.5**	**14.6**	**26.9**	**20.1**
10	1.5	19.9	14.8	38.5	28.9	53.3	40.0
12	**1.75**	**34.7**	**25.8**	**67.2**	**50.2**	**93.0**	**69.4**
14	2	55.4	41.3	107.0	80.4	147.6	110.7
16	**2**			**166.8**	**125.5**	**231.0**	**173.4**
20	2.5			325.5	244.3	450.2	338.0
24	**3**			**562.4**	**422.1**	**778.6**	**583.8**
30	3.5			1118.1	838.4	1546.1	1160.1
36	**4**			**1953.5**	**1464.9**	**2702.6**	**2026.5**

1 STRUCTURE 1-9
1.1 70101380 – ASSY, STANDARD REAR PEDESTAL 1-10
1.1.1 70101379 – ASSY, BASE, REAR PEDESTAL 1-19
1.1.2 30389759 – ASSY, LADDER, MIXER 1-22
1.1.3 98363633 – ASSY, CHUTE PIVOT SUPPORT 1-26
1.1.4 98360891 – ASSY, MANUAL CHUTE LOCK 1-30
1.1.5 98363705 – ASSY, STANDARD WATER BALL VALVE 1-31
1.1.6 98363634 – ASSY, AIR CHUTE LOCK 1-33
1.1.7 30389346 – HARNESS, CONT HOPPER LIGHTS 1-37
1.2 98402174 – ASSY, TILT HOPPER 1-39
1.2.1 98402002 – ASSY, VALVE TILT HOPPER 1-42
1.3 70100545 – ASSY, TOW HOOK 1-44
1.4 70101113 – TRUCK PREP REPTO 1-46
1.4.1 70101112 – GUARD PLATE, RPTO 1-49
1.4.2 30358516 – WMT, PUMP MOUNT BRACKET, REAR 1-50
1.4.3 98403509 – HARNESS MIXER, TAIL LIGHT SPLITTER 1-51
1.5 70100057 – SHAFT REPTO, 1310 SERIES 56.81" 1-52
1.6 70101392 – CHASSIS MODS 1-53
2 DRUMS 2-56
2.1 70102123 – ASSY, DRUM, 14YD, H/H, DH, P7300 2-57
3 POWER 3-62
4 HYDRAULICS 4-63
4.1 70102196 – 100% TRUCK HYD. HOSE GROUP 14 YARD 4-63
4.2 70102197 – BOOSTER HYD. HOSE GROUP 4-63
5 WATER 5-64
5.1 70102369 – ASSY, 150 GAL, W/WASHOUT 5-65
5.1.1 70102454 – ASSY, TANK FITTINGS 5-66
5.2 70102361 – RESULTS, WASHOUT GROUP 5-68
5.2.1 70102427 – ASSY, DIAPHRAGM PUMP 5-69
5.2.2 70102455 – ASSY, RESULTS WASHOUT FRONT PED 5-71
5.2.3 98443453 – ASSY, REAR PEDESTAL WASHOUT 5-75
5.2.4 70101815 – HRN, WASHOUT SYSTEM 5-90
5.3 98364276 – ASSY, SIDE MOUNT 150 & 125 5-91
5.4 70101634 – ASSY, BYPASS 5-93

5.5 70101641 – ASSY, HOSE SUPPORT 5-96
6 CONTROLS/ELECTRICAL 6-97
6.1 70101531 – ASSY, ENCL,RESULTS 6-98
6.1.1 70101786 – HRN CONTROL BOX 6-100
6.1.2 70101798 – HRN, PDM BATTERY 6-101
6.2 98404767 – ASSY, MIXER REAR WORK LIGHT 6-102
6.2.1 98425253 – HARNESS WORK LIGHTS REAR 6-103
6.3 70102370 – ASSY, ARMREST, PACCAR 6-104
6.3.1 70101783 – HRN, ARMREST 6-106
6.4 70102462 – IN CAB ELECTRICAL GROUP, 14YD 6-107
6.4.1 70102461 – ASSY, DISPLAY MOUNT PB 6-110
6.4.2 70101887 – HRN, CAMERA REAR 6-112
6.4.3 70101775 – HRN, DISPLAY 6-113
6.4.4 70101781 – HRN, THROUGH-CAB, PWR 6-114
6.4.5 70101782 – HRN, THROUGH-CAB, CAMERAS 6-115
6.4.6 70101824 – HRN, TRUCK CAN PB/KW 250KBAUD 6-116
6.4.7 70101826 – HRN, RP1226 PB/KW/FL/WS 6-117
7 FENDERS 7-118
7.1 2 AXLE FENDER – STREET SIDE 7-119
7.2 2 AXLE FENDER – CURB SIDE 7-121
7.3 ASSY – FENDER LIGHT LED 7-125
7.4 98386984 - ASSY POLY FRONT MUD-FLAP 7-126
7.5 ASSY SPLASH GUARD POLY 7-128
7.6 70102212 – GROUP, REFLECTORS, CANADA REQ. 7-129
8 CHUTES 8-130
8.1 98384258 – CHUTES 3 FULL ALUMINUM 8-131
8.1.1 30408417 – SIDE CHUTE CRADLE W/3 CHUTES 8-132
8.1.2 98363635 – ASSY, MAIN AND FOLD OVER 8-135
8.2 70102397 – ASSY, HYD. FOLDOVER CHUTE RESULTS 8-137
8.2.1 98429663 – ASSY, HYD. FLIP CHUTE, MODIFIED 8-140
9 BOOSTER 9-142
9.1 30412462 – MOUNTING 100% BOOSTER 9-143
9.2 70101644 – TRUCK PREP 100% BSTR 14YARD 9-145

9.2.1 98404102 – HARNESS MIXER, DUAL TAIL LIGHT 9-149
9.2.2 30358382 – HARNESS CONT TAIL MARKER LIGHTS 9-150
9.2.3 30389128 – HARNESS BOOSTER LIGHTING TRUCK 9-151
9.3 30412464 – FINAL PREP & ACC MIXER BOOSTER 9-152
9.3.1 70100537 – TAIL LIGHT HARNESS 9-153
9.4 70102358 – GROUP, BSTR, RESULTS, CW P7300 9-154
9.4.1 70102400 – ASSY, BOOSTER, PMP RESULTS 9-158
9.4.2 70102452 - ASSY, FILTER MOUNT 14 YD 9-160
9.4.3 70101724 – ASSY, MAIN MANIFOLD BOOSTER 9-161
9.4.4 70101722 – ASSY, BOOSTER CONTROL VALVES 9-163
9.4.5 70101688 – ASSY, ASA OIL COOLER FITTINGS 9-166
9.4.6 70101725 – ASSY, CHUTE CYLINDER FITINGS 9-167
9.4.7 70102401 – ASSY, MOTOR PMP 9-168
9.4.8 70101790 – HRN, DRUM SENSORS 9-170
9.4.9 70101791 – HRN, CHUTE UP/DOWN 9-171
9.4.10 70101802 – HRN, DRUM ROTATION 9-172
9.4.11 70101803 – HRN, BOOSTER SENSORS 9-173
9.4.12 70101804 – HRN, BOOSTER CONTROLS 9-174
9.4.13 70102450 – ASSY, VALVE BRACKET 9-175
9.4.14 98414087 – ASSY, REAR PED ELECTRICAL 9-176
9.5 70101723 – ASSY, HYD BOOSTER TANK 9-182
9.6 70102474 – ASSY,DUALLY BSTR, PARK BRAKE 9-184
9.6.1 70101269 – ASSY, BOOSTER AXLE (PLAIN) 9-187
9.6.2 70102473 – ASSY - BOOSTER RELAY VALVE 9-193
9.6.3 30389129 – HARNESS CONT, TAIL LIGHT BOOSTER 9-195
9.6.4 70101647 – WLDT, LATCH BOLT ON 9-196
9.6.5 70102180 – WELD INSTRUCTION, 14 YARD PIN 9-197
9.7 ASSY – BOOSTER AXLE MOUNTING 9-204
9.8 70102367 – TIRE, MNTD 255/70R22.5 W/AL WHEELS 9-206
10 OPTIONS 10-207
10.1 98401000 – KIT MIXER WIRELESS OPTION 10-208
10.2 70102451 – ASSY, WIRELESS CHARGER BRACKET 10-210
10.3 70101694 – ASSY, CANVAS COVER 14 YD 10-212
10.4 70101621 – ASSY, DUAL GT 13 CHUTE VIBRATOR 10-220

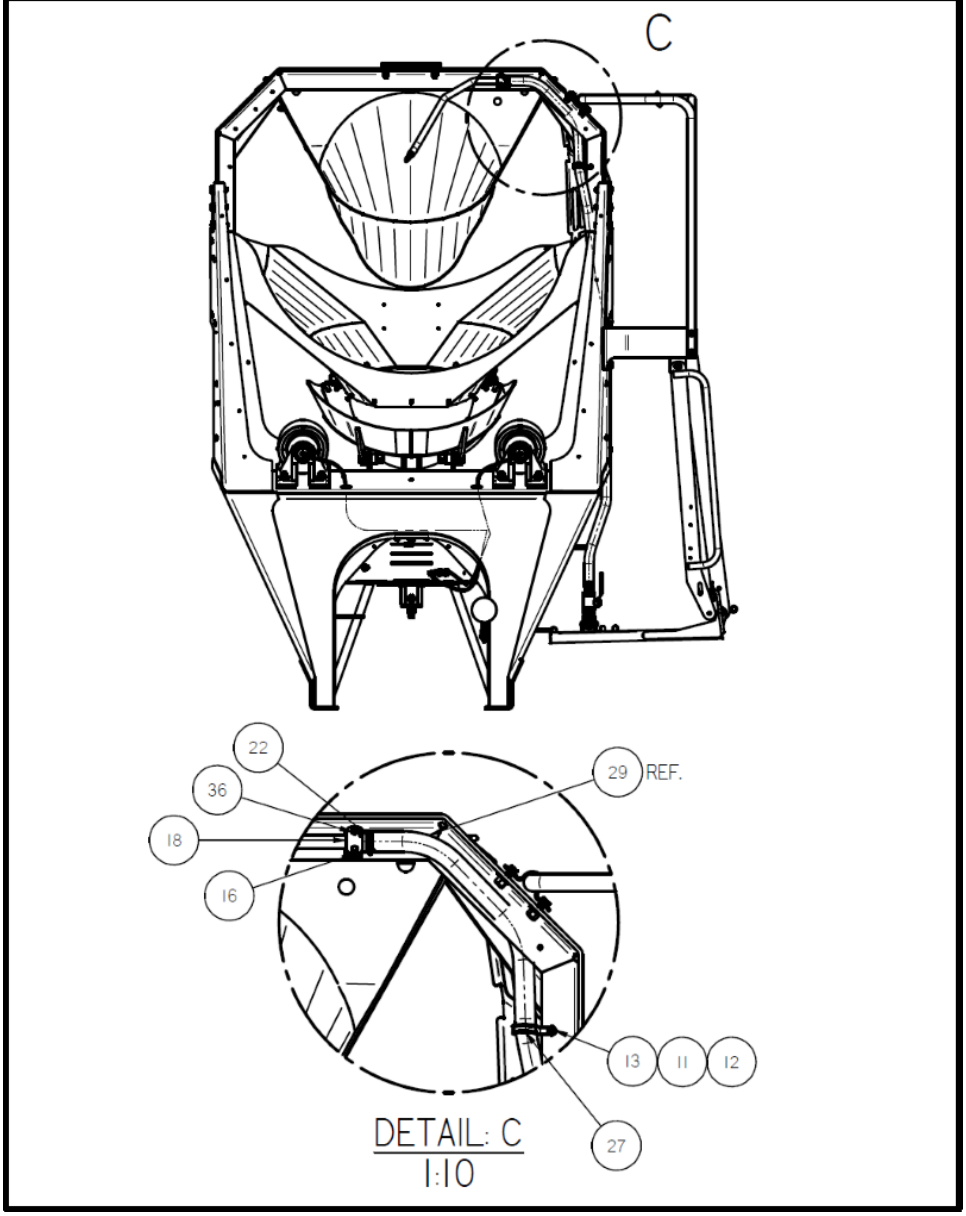
10.5 30412016 – STREET GUARD CHUTE COVER 10-225
10.6 98400880 – ASSY, MANSAVER 10-226
10.7 98430571 – ASSY-PLATFORM, HIGHEST STEP 10-228
10.8 70102440 – ASSY, BOLT ON STEP 10-229
10.9 98409394 – ASSY, FRONT SLUMP METER 10-230
10.10 70102192 – ASSY, ADDITIONAL WORK LIGHT 10-232
10.10.1 70101667 – HARNESS, WORK LIGHT SPLITTER 10-233
10.11 70101620 – ASSY, MHR, REAR PEDESTAL 10-234
10.12 30410735 – KNEE BRACE ASSY RAILED FRAME 10-235
10.13 98403935 – ASSY, HANDRAIL ANTI SLIP TAPE 10-236
10.14 30411096 – COLD WEATHER DRAIN OPTION 10-237
10.15 30413026 – RECLAIMER ENVIROGUARD P.S. 10-239
10.15.1 70101389 – ASSY, PUMP MOUNT 10-242
10.15.2 70102453 – ASSY, RECLAIMER BUCKET MOUNT 10-243
10.15.3 70102465 – ASSY, WATER HOSE MOUNT 10-244
10.16 98387960 – ASSY, ROLLER GUARD FRONT, REAR 10-245
10.17 70101517 – ASSY, D-LOCK, TOOL HOLDERS 10-246
10.18 70102458 – ASSY, 15’ HOSE OPT 10-247
10.19 30408459 – TOP MOUNT LIGHT SINGLE 10-248
11 DECAL LOCATION GUIDE 11-253
12 SCHEMATICS 12-262
12.1 HYDRAULIC SCHEMATIC 12-262
12.2 ELECTRICAL SCHEMATIC 12-263

1 STRUCTURE

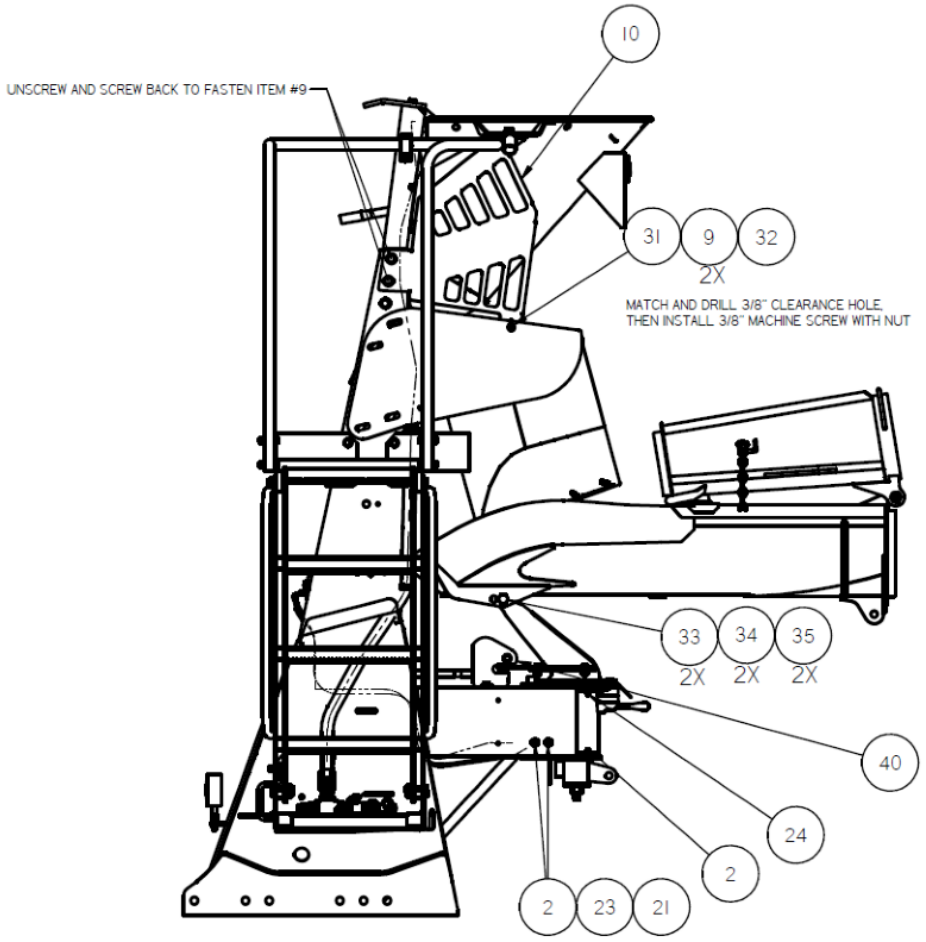
1.1 70101380 – ASSY, STANDARD REAR PEDESTAL 1-10
1.1.1 70101379 – ASSY, BASE, REAR PEDESTAL..... 1-19
1.1.2 30389759 – ASSY, LADDER, MIXER 1-22
1.1.3 98363633 – ASSY, CHUTE PIVOT SUPPORT..... 1-26
1.1.3.1 98386377 – ASSY, CHUTE PIVOT SUPPORT ARM 1-29
1.1.4 98360891 – ASSY, MANUAL CHUTE LOCK 1-30
1.1.5 98363705 – ASSY, STANDARD WATER BALL VALVE..... 1-31
1.1.6 98363634 – ASSY, AIR CHUTE LOCK..... 1-33
1.1.6.1 98363427 - ASSY - CHUTE CLAMP 1-35
1.1.7 30389346 – HARNESS, CONT HOPPER LIGHTS 1-37
1.2 98402174 – ASSY, TILT HOPPER 1-39
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1.1 70101380 – ASSY, STANDARD REAR PEDESTAL

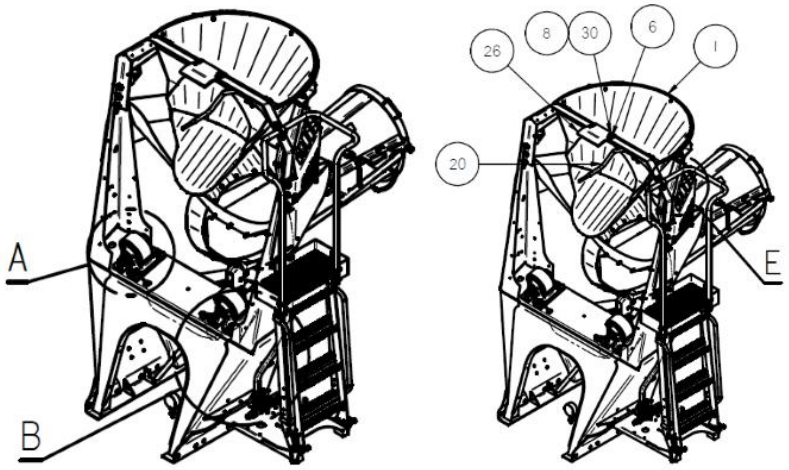
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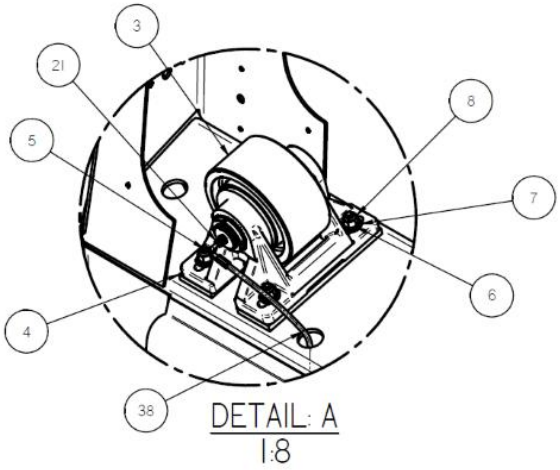


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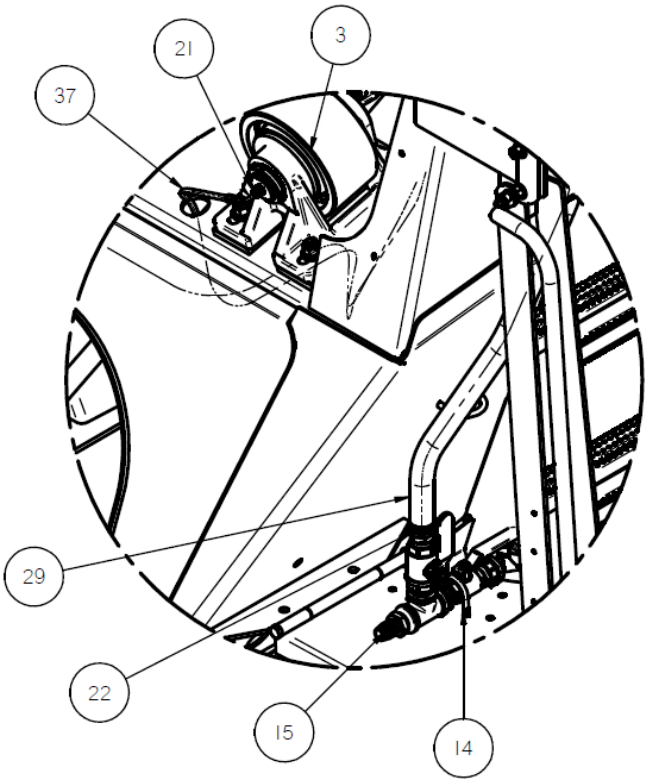


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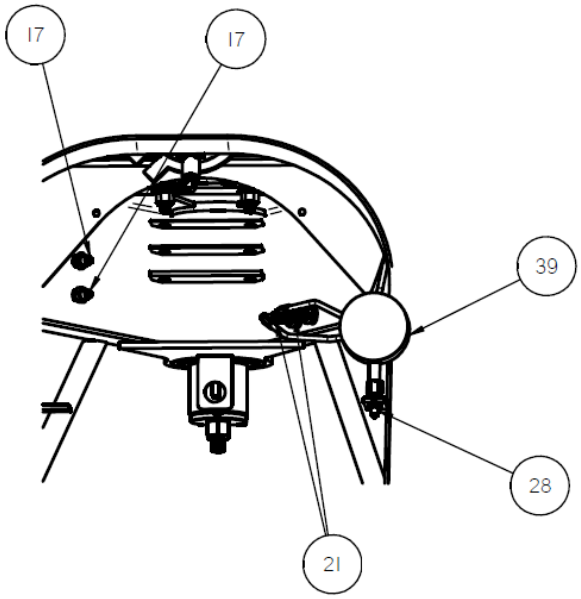


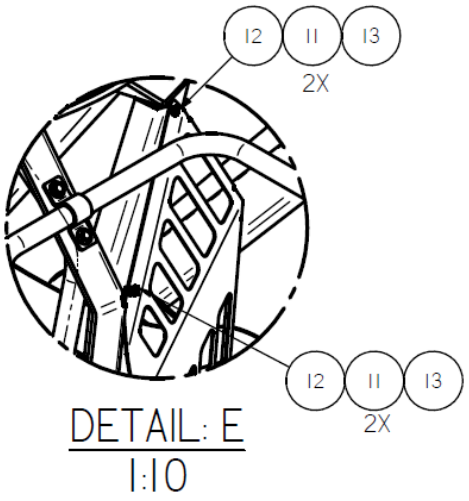
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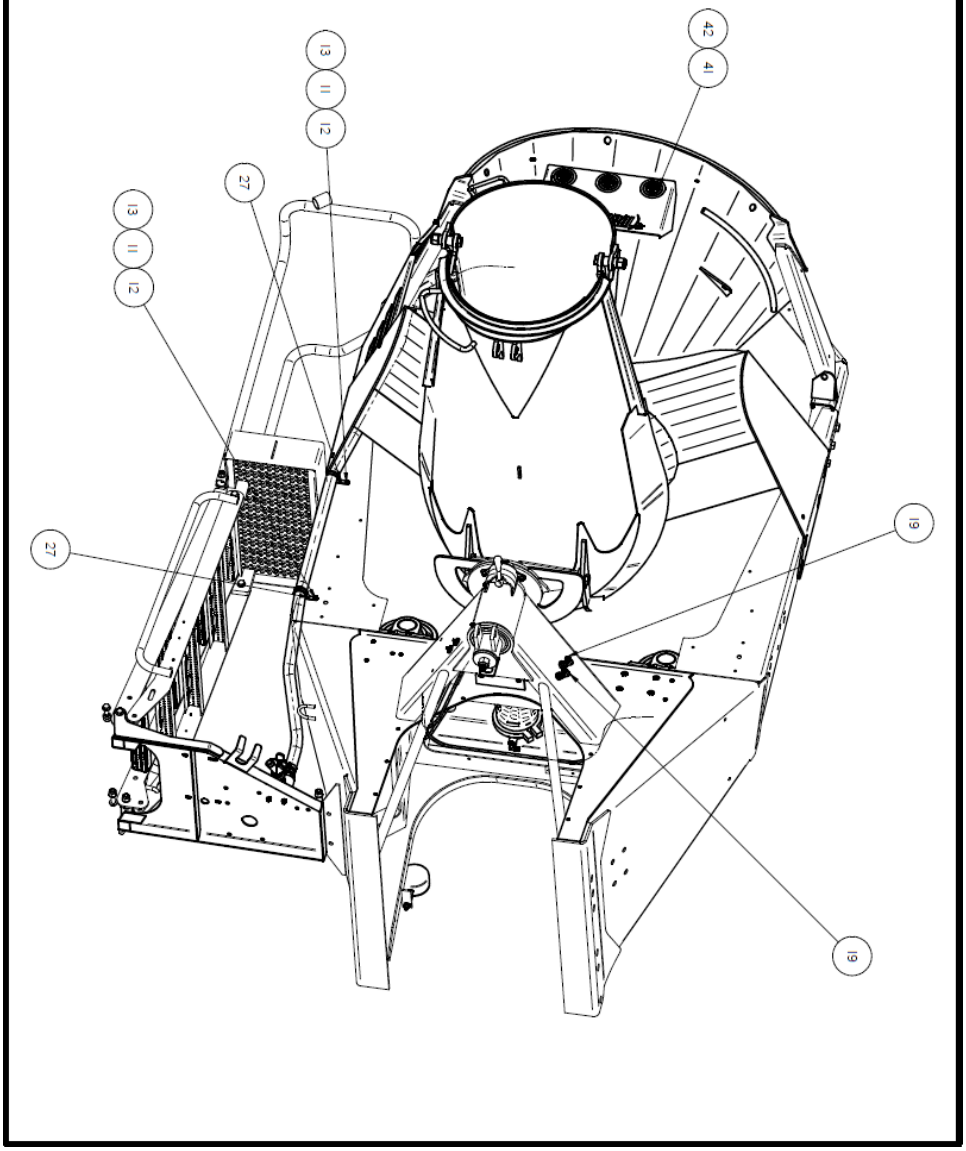
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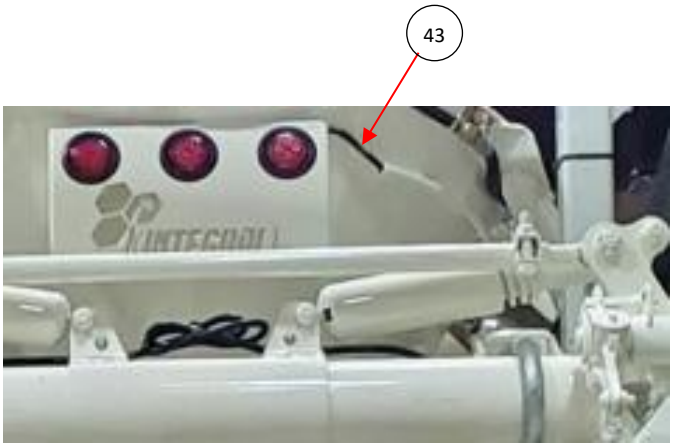
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	01	11/04/24



	70101380	
	01	11/04/24



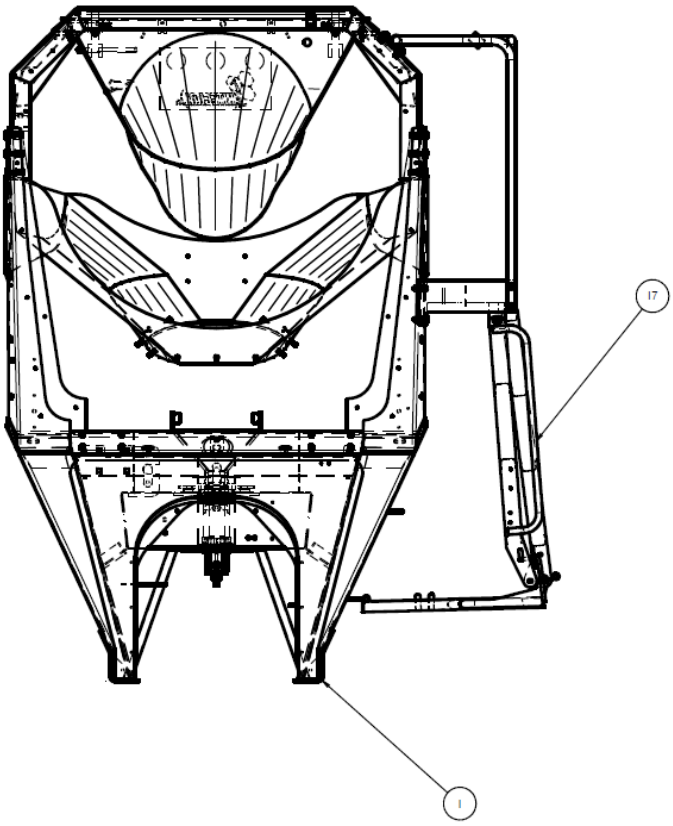


ITEM	PART NO.	DESCRIPTION	QTY
1	70101379	ASSY,SUB-PED, 14 YD, PAVING	1
2	30308466	FITTING - LUB, GREASE ZERK STR 1/8 NPT	3
3	30386702	PARTS - DRUM ROLLER ASSY COMPLETE	2
4	30389983	BAR - SHIM, ROLLER ASSEMBLY, MIXER	4
5	30386739	WMT - MOUNTING BOLT ASSY	4
6	30391335	WASHER, FLAT,1/2 ,GR8, ZP	10
7	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	8
8	30307220	NUT, NYLON LOCK1/2 -13UNC	10
9	30302130	WASHER, FLAT,3/8, ZP	2
10	30386998	PLT - WASHOUT GUARD	1
11	30303735	WASHER, FLAT, 1/4" USS, ZP	7
12	30302132	SCREW, HHCS, 1/4-20 X 1.00" GR 5 FE/ZN	5
13	30334582	NUT - LOCK 1/4"-20 NC NYLON INSERT	5
14	30389308	U-BOLT, 1-3/4" OD WITH 5/16- THREAD	1
15	98363705	ASSY, STANDARD WATER BALL VALVE REAR	1
16	30307548	CLAMP - STAUFF PLASTIC, 1" X 1 PLACE - ALL KVM	2
17	30389159	FITTING, HYD., 3/8" BULKHEAD 37DEG.	2
18	30307534	COVER PLATE - STAUFF, 3/4"-1" X 1 PLACE - ALL KVM	1
19	30389374	FITTING, HYD. ELB. 90 #6 SWIVEL X FLARE ELBOW	2
20	30389032	TUBE - DRUM SUPPLY	1
21	98367280	FITTING - 6MM TUBE TO 1/8" NPT, COMP	4
22	30303225	CLAMP, HOSE 13/16"- 1 3/4", SAE 20	2
23	98367279	FITTING - BULKHEAD, 1/8" NPT, BRASS	2
24	30394953	PIPE HOUSING GREASE PRESSURE RELIEF P305	1
25	98363635	ASSY, MAIN AND FOLD OVER CHUTE KIT, REAR PED.	1
26	98331135	PLATE - DRUM DEBOUNCE	1
27	30389305	STRAP, 1" WATER HOSE (1 1/2" O.D. HOSE)	3
28	30389275	ASSY., FITTING , FEMALE BULKHEAD	1
29	30389226	HOSE, WATER, 1"	8 FT.
30	30309367	HHCS, 1/2" -13 X 2", GR. 5, ZP	2
31	30302118	HHCS, 3/8-16UNC X 1.00" GR5, YZP	1
32	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	1
33	30358961	HHCS, 3/4"-10 X 3 1/2" GR8	2
34	30314451	WASHER, FLAT 3/4"	2
35	30308525	NUT, NY-LOCK, 3/4-10UNC GRC, ZP	2
36	10001779	HHCS, M6 X 40,-8.8-VZD,4017	2
37	70100168	HOSE, GREASE LINE, 45"	1
38	70100167	HOSE, GREASE LINE, 60"	1
39	30389146	GAUGE, HYD., 0-5000 PSI, 1/4" NPT	1
40	98363634	ASSY - AIR CHUTE LOCK	1
41	30369467	LIGHT - MARKER RED 2.5" LED	3
42	30369473	PARTS - LIGHT GROMMET 2.5"	3

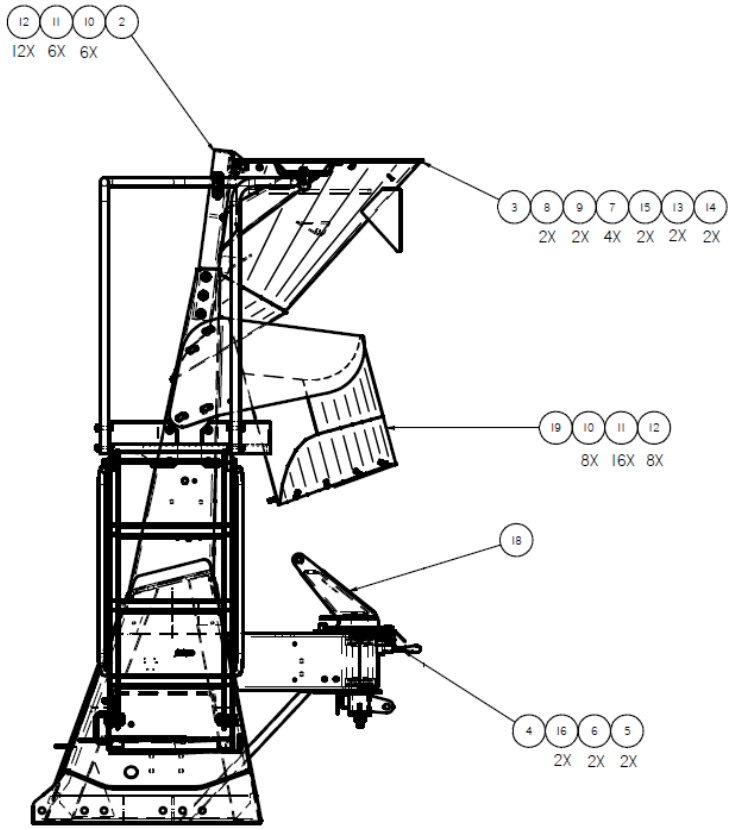
43	30389346	HARN, CONT HOPPER LIGHTS	1
44	70101979	CYL CLAMP, 2” ID X 11/16”	2

1.1.1 70101379 – ASSY, BASE, REAR PEDESTAL

	70101379	
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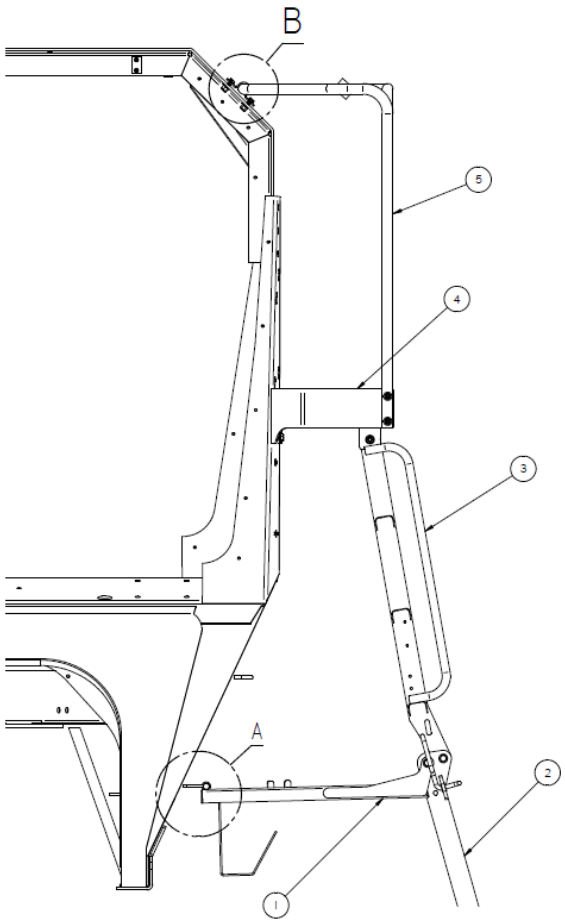
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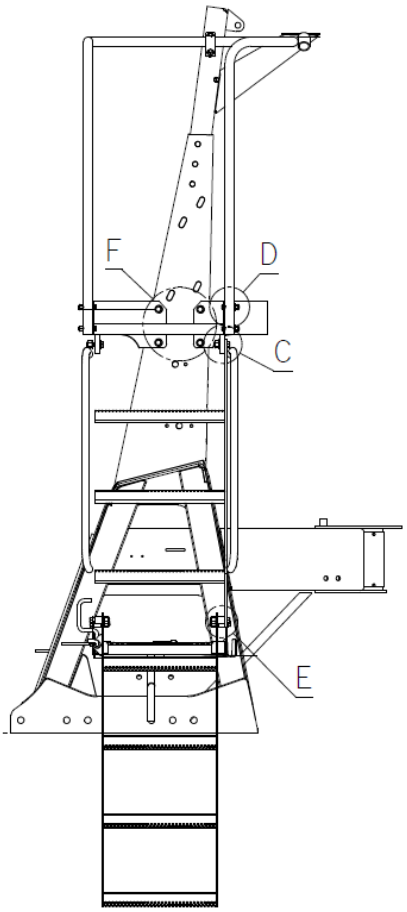
ITEM	PART NO.	DESCRIPTION	QTY
1	30386614	WMT - PEDESTAL, REAR, MIXER	1
2	30386676	WELDMENT - HANGER	1
3	70102133	WLDT-CHARGE HOP., W.O., PAVING	1
4	98360891	ASSY - MANUAL CHUTE LOCK	1
5	10010371	WASHER DIN 125 B 8.4-140HV-A2C	2
6	10001248	NUT ISO 4032 M 8-8-VZD	2
7	30358961	HHCS, 3/4"-10 X 3 1/2" GR8	2
8	30308525	NUT, NY-LOCK, 3/4-10UNC GRC, ZP	2
9	30314451	WASHER, FLAT 3/4"	4
10	30308219	HHCS, 5/8"-11 NC X 2 1/4" LG GR5	6
11	98394254	WASHER - FLAT, 5/8", SAE GR 8 - FE/ZN5C	12
12	98394255	NUT - NYLON LOCK, 5/8-11UNC - GR 5 - ZP	6
13	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	4
14	30307220	NUT, NYLON LOCK1/2 -13UNC	2
15	30302655	SCREW - 1/2"-13 NC X 1 3/4" LG GR.5 HHCS	2
16	30359466	SCREW DIN 965 M 8 X 30	2
17	30389759	ASSY - LADDER, MIXER	1
18	98363633	ASSY., CHUTE PIVOT	1
19	70101337	WMT, HOPPER, DISCHARGE, MIXER	1

1.1.2 30389759 – ASSY, LADDER, MIXER

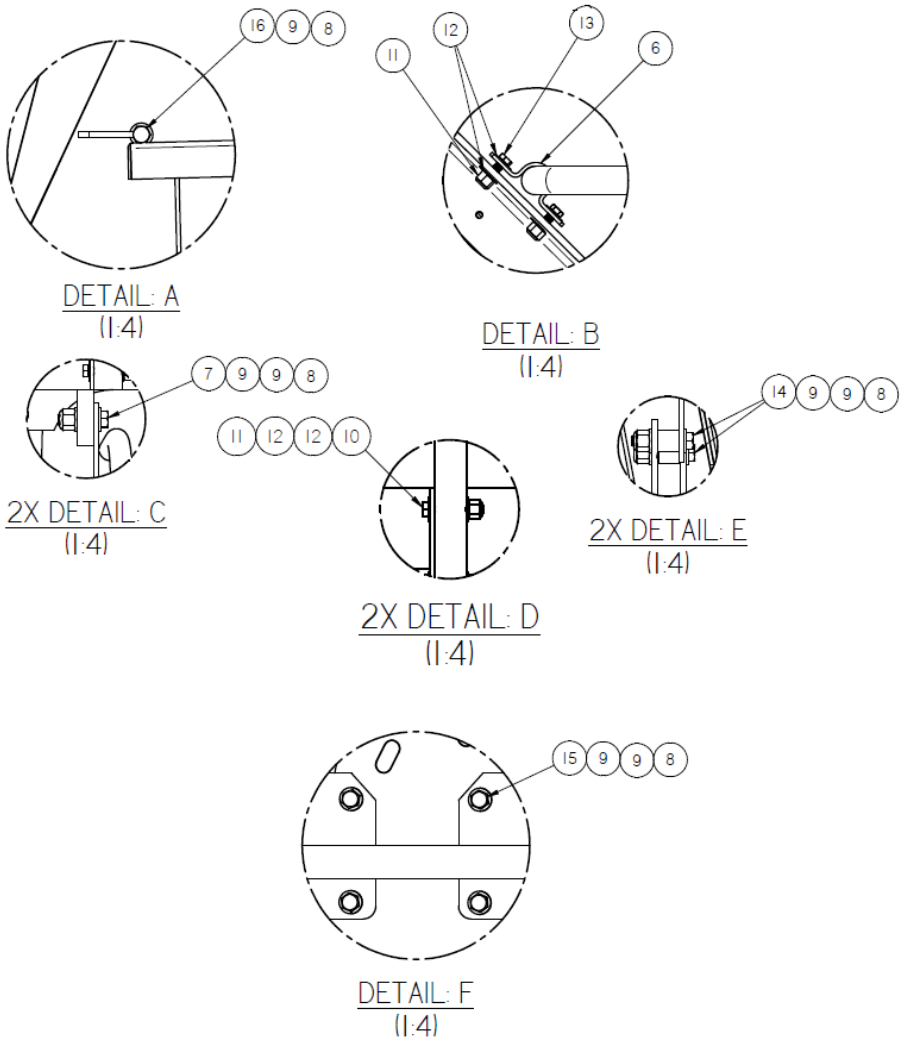
	30389759	
	03	01/17/22



	30389759	
	03	01/17/22



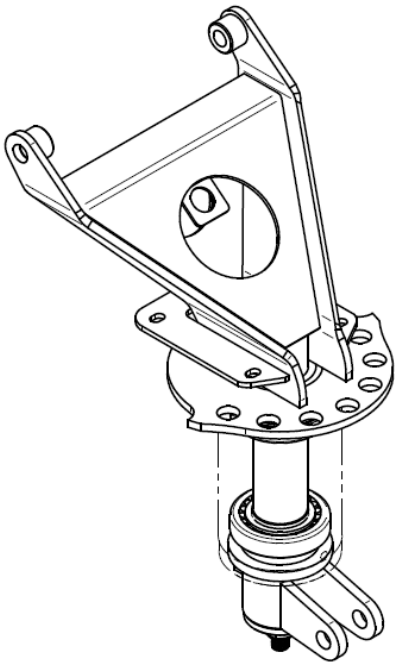
	30389759	
	03	01/17/22

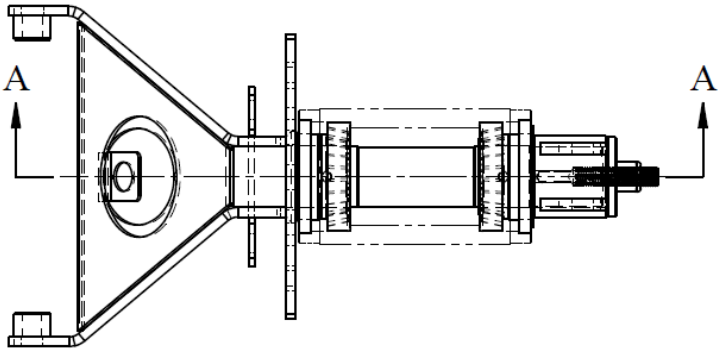


ITEM	PART NO.	DESCRIPTION	QTY
1	30389665	WMT - PLATFORM; LOWER; MIXER LADDER	1
2	30389755	WMT - LADDER; LOWER FOLDING, MIXER	1
3	30389757	WMT - LADDER, UPPER PIVOTING, MIXER	1
4	30389666	WMT - PLATFORM; UPPER ACCESS LADDER	1
5	30389808	WMT - ACCESS RAILING	1
6	60306805	HANDRAIL CLAMP	1
7	30337904	HHCS, 1/2-13UNC X 2.00" GR8, ZP	2
8	30307220	NUT, NYLON LOCK1/2 -13UNC	11
9	30391335	WASHER, FLAT,1/2 ,GR8, ZP	21
10	30391467	HHCS, 3/8-16UNC	4
11	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	6
12	30302130	WASHER, FLAT,3/8, ZP	12
13	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	2
14	30337905	HHCS, 1/2-13UNC X 2 1/2" PT, GR, ZP	4
15	30302654	SCREW - 1/2"-13 NC X 1 1/2" LG GR.5 HHCS	4
16	30389659	HHCS,1/2-13UNC X 12" PT, GR5, ZP	1

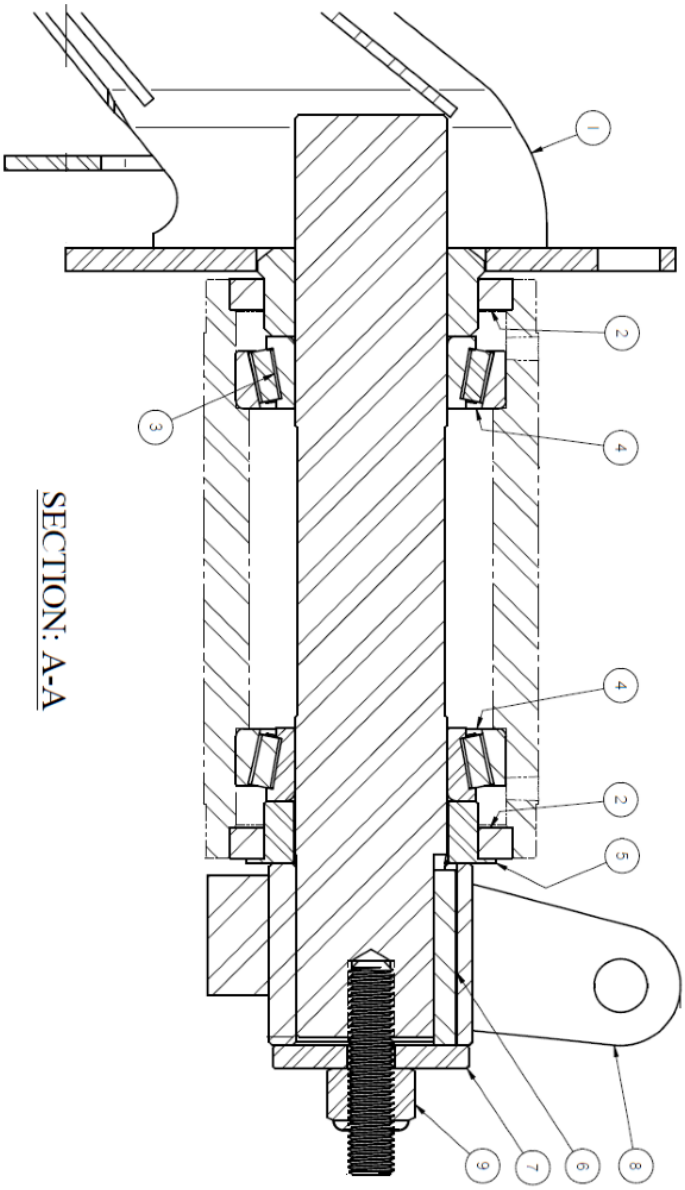
1.1.3 98363633 – ASSY, CHUTE PIVOT SUPPORT

	98363633	
	04	11/05/21



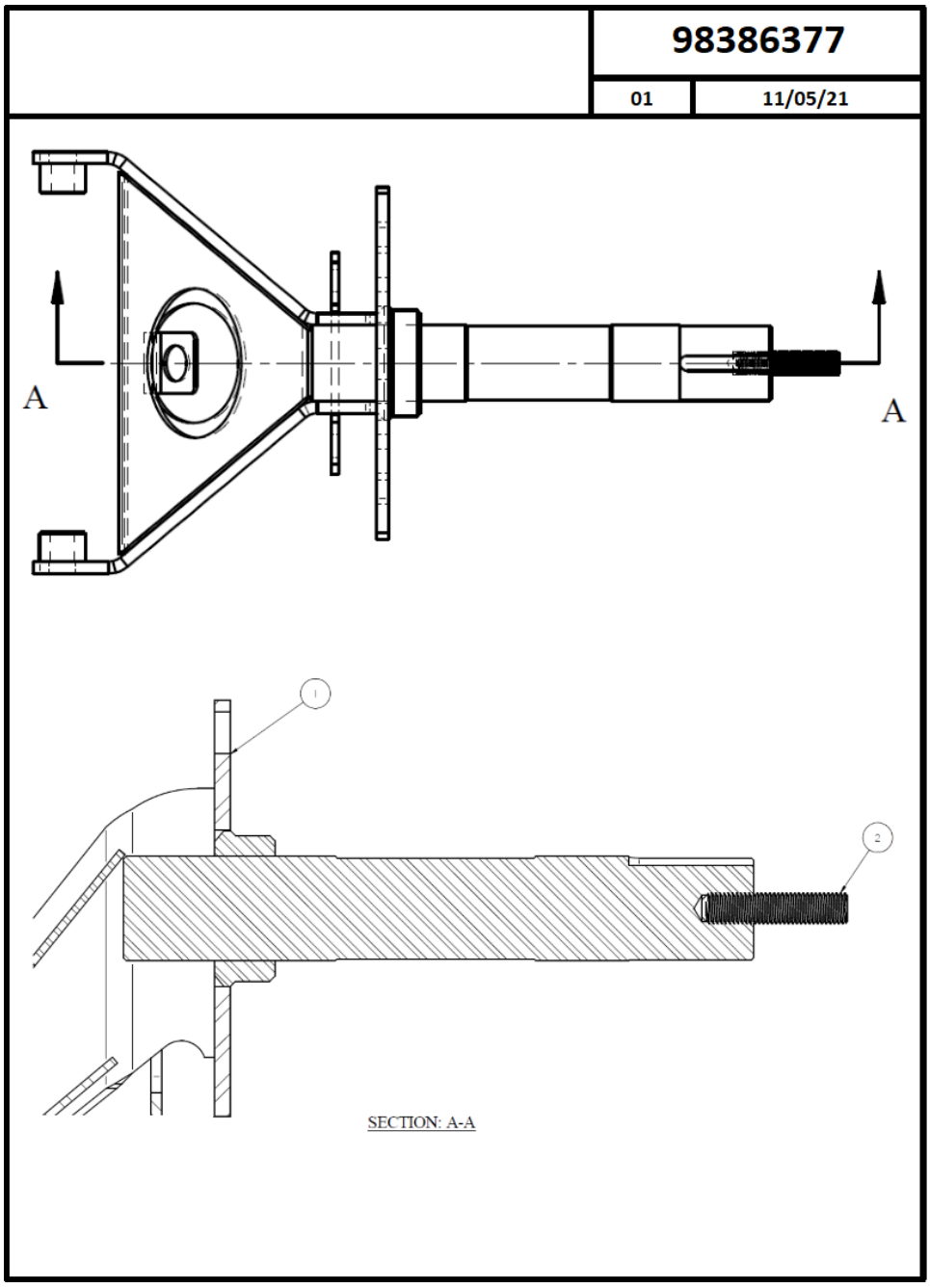


	98363633	
	04	11/05/21



ITEM	PART NO.	DESCRIPTION	QTY
1	98386377	ASEMBLY - CHUTE PIVOT SUPPORT ARM	1
2	30389179	SEAL-OIL	2
3	60104324	ROLLER BEARING	2
4	60104325	ROLLER BEARING CUP	2
5	60306152	BUSHING	1
6	60306153	KEY STOCK	1
7	60306154	DISK	1
8	60306816	WELDMENT PIVOT	1
9	30304739	NUT - LOCK, 3/4"-10 NC NYLON INSERT	1

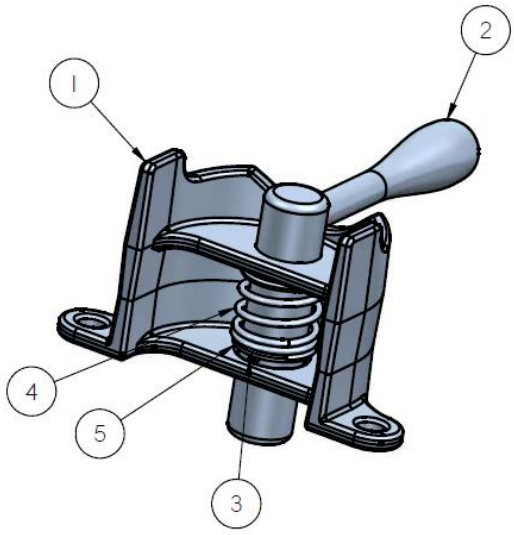
1.1.3.1 98386377 – ASSY, CHUTE PIVOT SUPPORT ARM



ITEM	PART NO.	DESCRIPTION	QTY
1	60306820	WELDMENT-CHUTE PIVOT	1
2	98383966	SCREW,SET,SH, 3/4-10UNC X 3.00", BO	1

1.1.4 98360891 – ASSY, MANUAL CHUTE LOCK

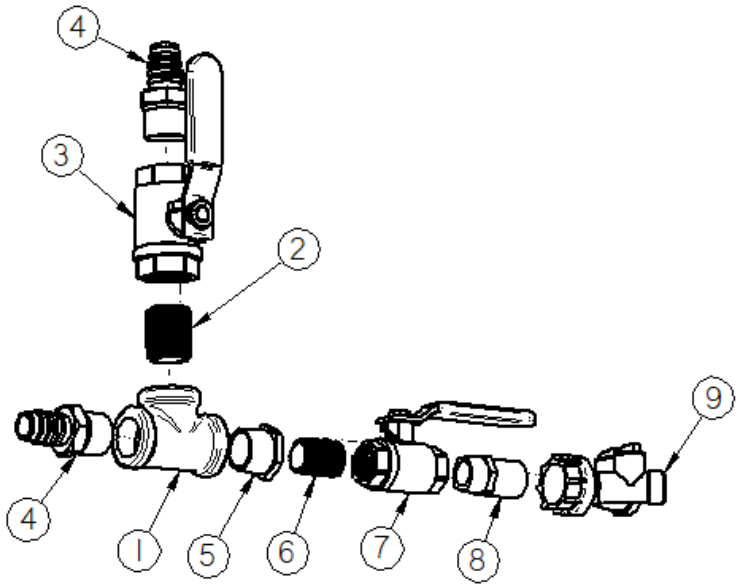
	98360891	
	01	02/07/13



ITEM	PART NO.	DESCRIPTION	QTY
1	98360890	CASTING - BODY, MANUAL CHUTE LOCK	1
2	98360887	HANDLE - LOCKING PIN, MANUAL CHUTE LOCK	1
3	30386200	PIN - SPRING (ROLL) 1/8" DIA X 1 1/4" LG	1
4	60306813	SPRING - COMPRESSION	1
5	60308228	PLATE - SPRING RETAINER, MANUAL CHUTE	1

1.1.5 98363705 – ASSY, STANDARD WATER BALL VALVE

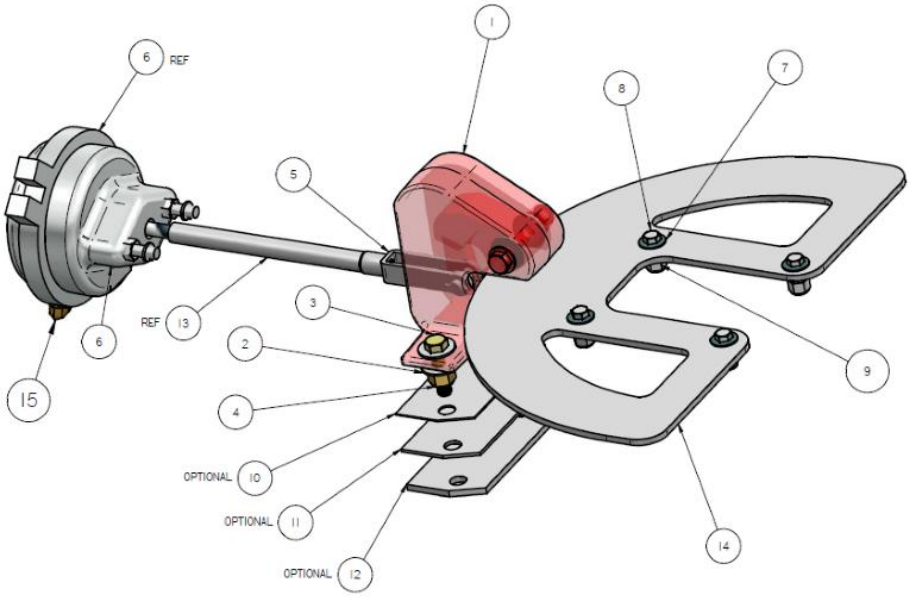
	98363705	
	01	12/15/21



ITEM	PART NO.	DESCRIPTION	QTY
1	30330858	1” TEE	1
2	30315394	FITTING, CLOSE NIPPLE 1” NPT	1
3	30315395	1 IN BRASS BALL VALVE	1
4	30389225	1” NPT X 1” HOSE BARB	2
5	30310678	1”-3/4” BUSHING	1
6	30303371	FITTING-WATER, CLOSE NIPPLE 3/4" X 1-3/8"	1
7	30303372	BALL VALVE 3/4" NPT	1
8	30309420	FITTING - WATER, COUPLING 3/4" MNPT-MGHT	1
9	30389491	Y FITTING FOR WATER HOSE 3/4"	1

1.1.6 98363634 – ASSY, AIR CHUTE LOCK

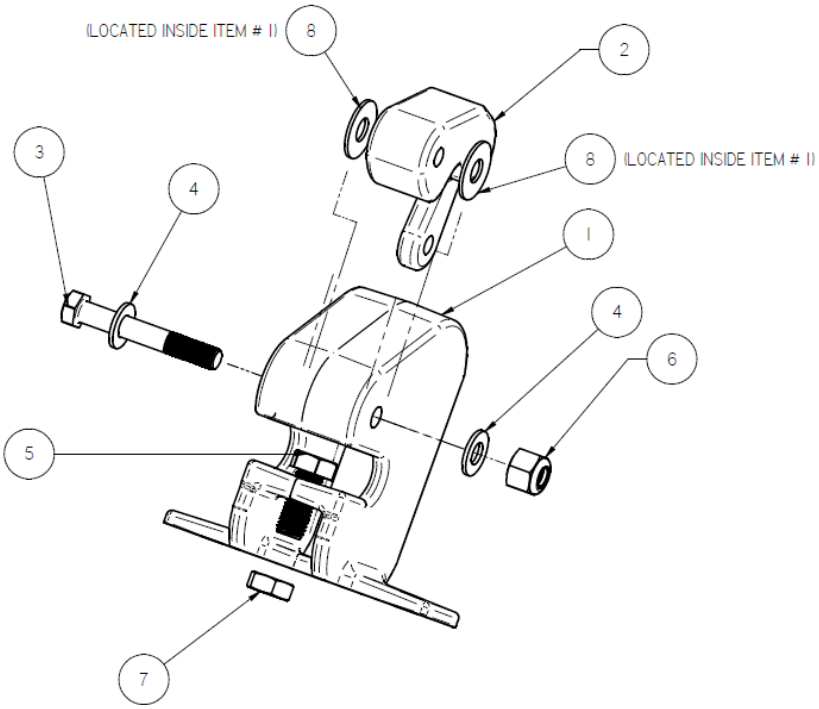
	98363634	
	02	07/07/22



ITEM	PART NO.	DESCRIPTION	QTY
1	98363427	ASSY - CHUTE CLAMP	1
2	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	4
3	30337904	HHCS, 1/2-13UNC X 2.00" GR8, ZP	2
4	30307220	NUT, NYLON LOCK1/2 -13UNC	2
5	30389191	YOKE END, ADJUSTABLE W/PIN 1/2" THREAD	1
6	30389189	BRAKE - CHAMBER, TYPE 16	1
7	30302130	WASHER, FLAT,3/8, ZP	8
8	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	4
9	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	4
10	98336223	PLATE - CHUTE BRAKE SHIM 1/16"	1
11	98336224	PLATE - CHUTE BRAKE SHIM 1/8	1
12	98336226	PLATE - CHUTE BRAKE SHIM 1/4"	1
13	30386441	TUBE - 3/4"O.D. X .120 WALL X 8" LNG	1
14	30389055	PLT - 1/4" 5000 CLAMP	1
15	30351529	FITTING MALE ELBOW SWIVEL 90°	1

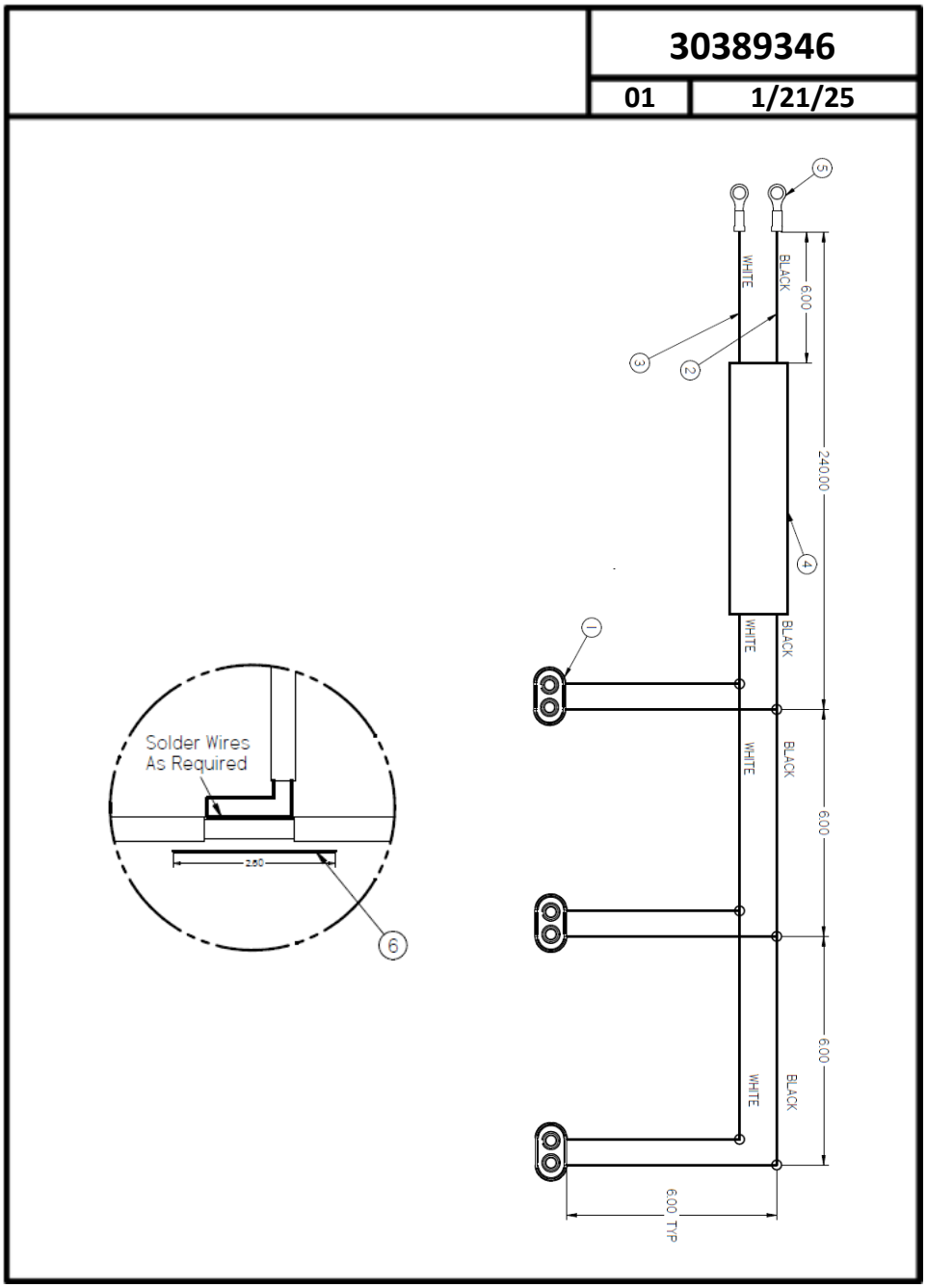
1.1.6.1 98363427 - ASSY - CHUTE CLAMP

	98363427	
	05	10/23/14



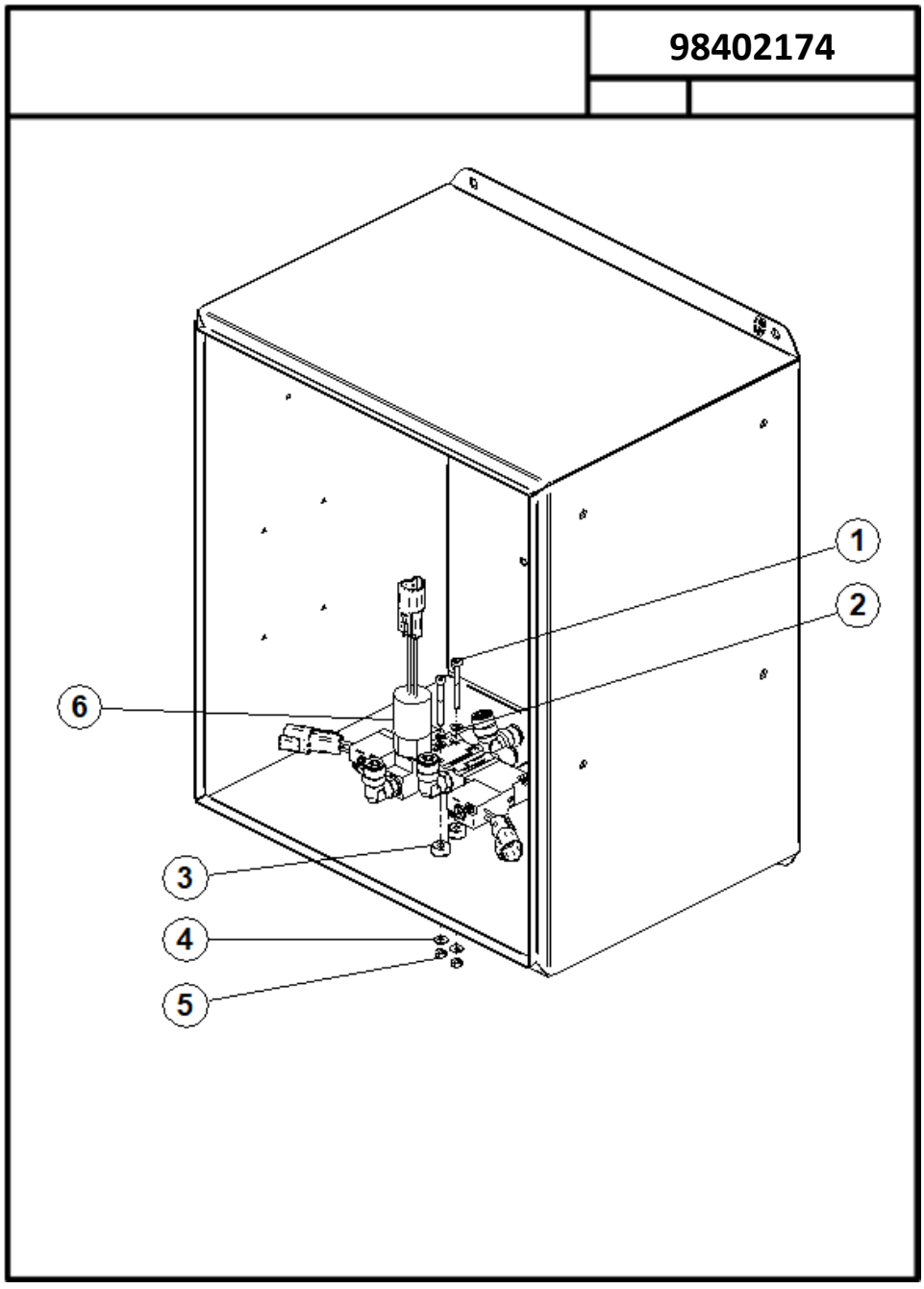
ITEM	PART NO.	DESCRIPTION	QTY
1	98363424	HOUSING - CHUTE CLAMP	1
2	98363426	CAM - CHUTE CLAMP	1
3	30309696	SCREW - 1/2"-13NC X 3-1/2" LG, HHCS	1
4	30391335	WASHER - FLAT, 1/2", SAE GR 8 - RE/ZN5C	2
5	30306429	HEX HEAD CAP SCREW, 5/8" - 11X1 1/2", GR 5, ZP	1
6	30307220	1/2" - 13 UNC NYLON LOCK NUT	1
7	30391664	NUT 5/8" N/C JAM	1
8	30302126	WASHER, 6/16" ID X 1-3/8" OD X .08" THICK	2

1.1.7 30389346 – HARNESS, CONT HOPPER LIGHTS

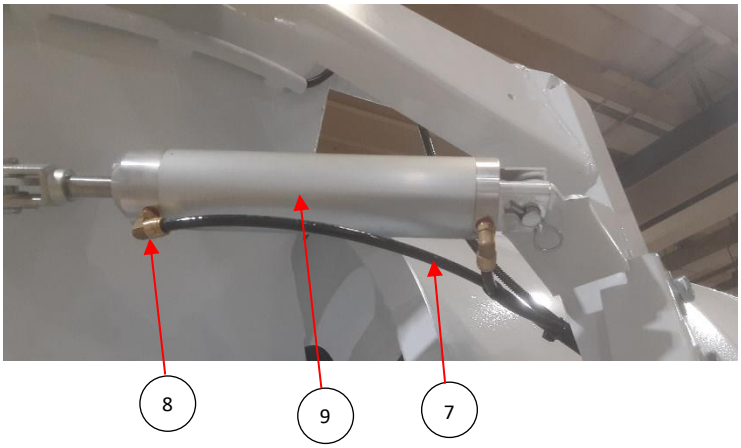


ITEM	PART NO.	DESCRIPTION	QTY
1	30357280	PIGTAIL MARKER LAMP	3
2	30306796	WIRE, 16 GA BLACK	21 FT
3	30306793	WIRE, 16 GA WHITE	21 FT
4	30350933	HARN 6.5 X 10MM PG 7 IP 67 BLACK	19.5 FT
5	30305266	CONT – TERMINAL, RING #10	2
6	30348412	HEAT SHRINK 3/4” DUAL WALL BLACK	0.75 IN

1.2 98402174 – ASSY, TILT HOPPER



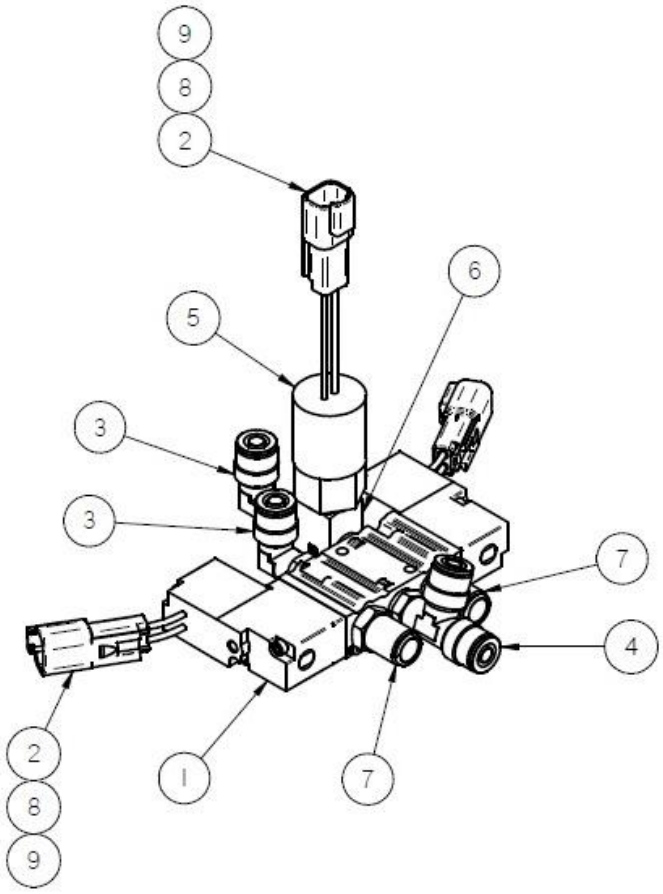
	98402174



ITEM	PART NO.	DESCRIPTION	QTY
1	10212915	SHCS, M4X0.7 X 35	2
2	30304534	WASHER, M4	2
3	98404560	BUSHING UNTHREADED SPACER, NYL	2
4	10145911	WASHER, M4	2
5	10001233	NUT, NYLOCK M4X0.7	2
6	98402002	ASSY, VALVE TILT HOPPER	1
7	30305009	TUBE-PLSTC, AIR LINE 3/8"/.06W	50 FT
8	30351528	FITTING - ELB 90° 3/8" TUBE X	2
9	30386206	CYLINDER - PNEUMATIC, TILT HOP	1

1.2.1 98402002 – ASSY, VALVE TILT HOPPER

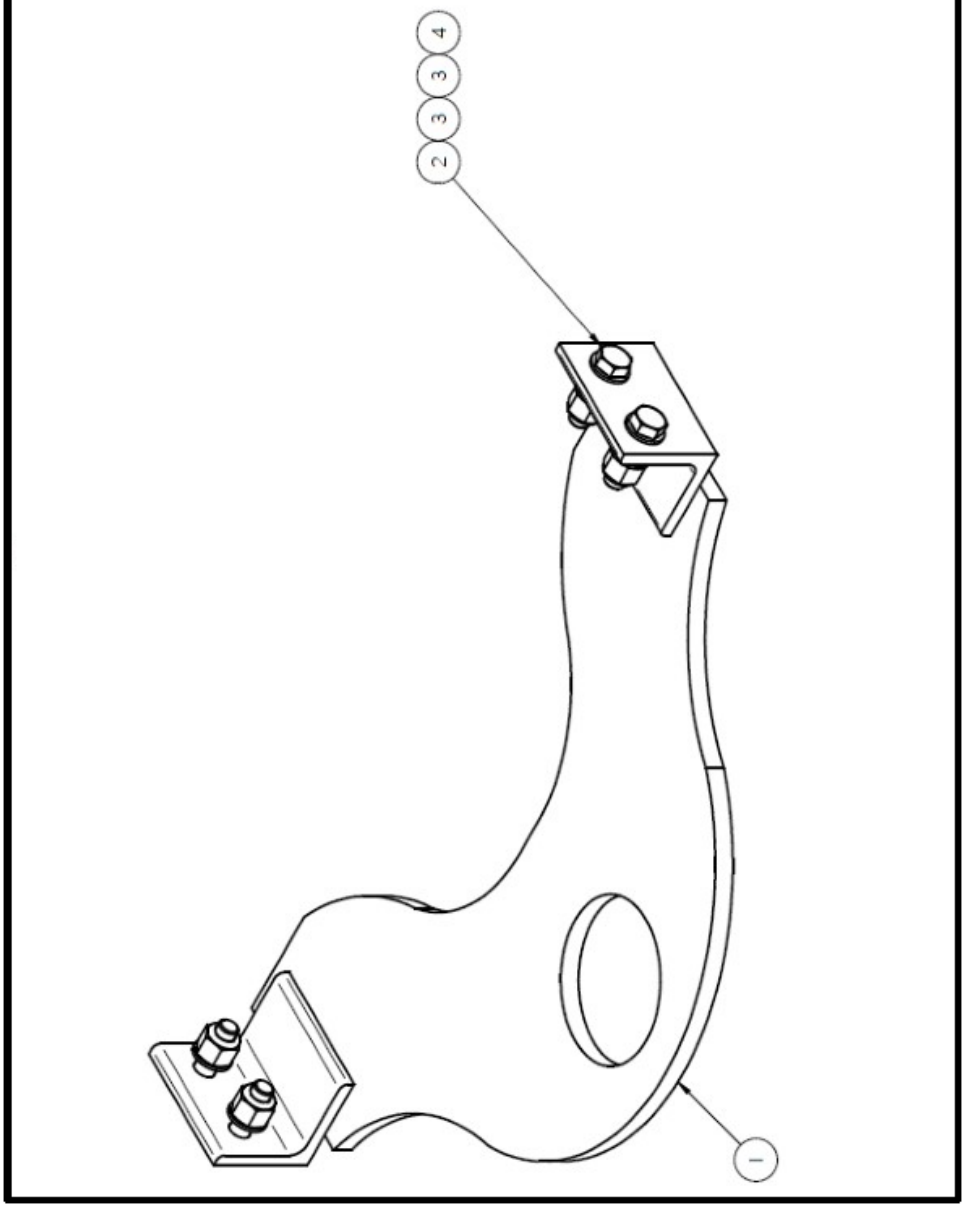
	98402002	
	03	08/09/22



ITEM	PART NO.	DESCRIPTION	QTY
1	98402007	VALVE - SOLENOID 1/4" NPTF 12VDC	1
2	98349338	CONNECTOR - 2-PIN MALE DEUTSCH 16-18	3
3	98336171	FITTING - 3/8" 90° SWIVEL AIR DOT	2
4	98336176	FITTING - 3/8" THREADED TEE AIR DOT	1
5	98336172	OPERATOR - SWITCH AIR NO MIXER HOPPER	1
6	30357578	FITTING - STREET TEE, 1/4" NPT - BRASS	1
7	70100759	FITTING - 3/8" STRAIGHT AIR DOT- 1/8 NPT	2
8	30337526	WEDGELOCK W2P	3
9	30337545	CONNECTOR DT SERIES 16-20 AWG PIN	6

1.3 70100545 – ASSY, TOW HOOK

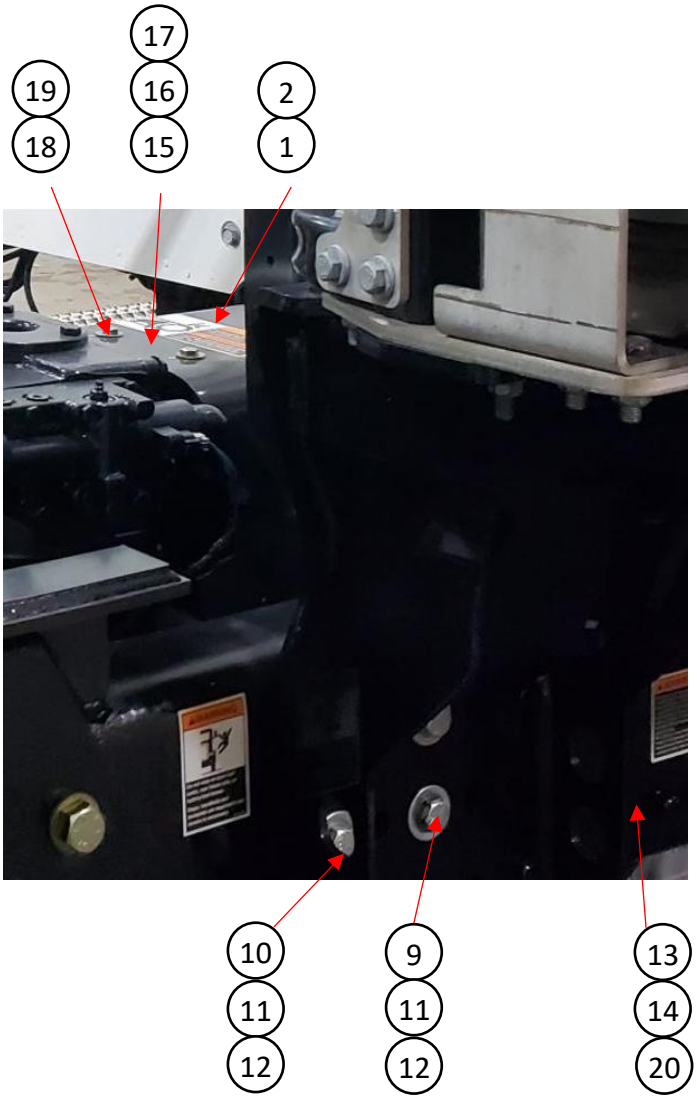
	70100545	
	00	05/03/22



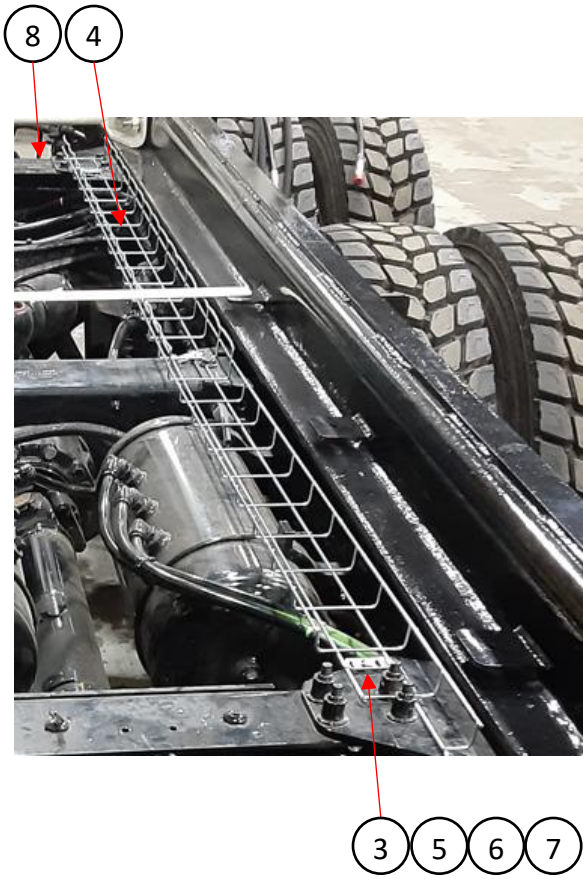
ITEM	PART NO.	DESCRIPTION	QTY
1	70100544	WLDT, TOW HOOK	1
2	98394640	SCREW-HHC, 3/4-10UNC X 2.75" G8	4
3	30304213	WASHER - FLAT, 3/4" HARDENED	8
4	30304739	NUT - LOCK, 3/4"-10 NC NYLON INSERT	4

1.4 70101113 – TRUCK PREP REPTO

	70101113
	3/6/23



	70101113
	3/6/23



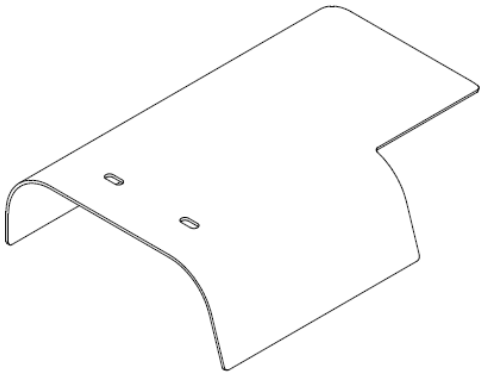
ITEM	PART NO.	DESCRIPTION	QTY
1	70101112	PLT - GUARD, RPTO	1
2	30358516	WMT - BRACKET, PUMP MOUNT, REA	1
3	98397551	BRACKET -UNIVERSAL WIRE MESH M	3
4	98397550	TRAY -WIRE MESH 60X100X3000MM	1
5	30302132	SCREW - HHC, 1/4"-20 X 1" GR 5	3
6	30303735	WASHER - FLAT, 1/4"	3
7	30334582	NUT - LOCK 1/4"-20 NC NYLON	3
8	98403509	HARNESS MIXER, TAIL LIGHT SPLI	1
9	30308441	SCREW - 5/8"-11 NC X 3 1/2" LG	2
10	30310889	SCREW - 5/8"-11 NC X 2 1/2"LG	2
11	30302125	WASHER - FLAT, 5/8" (1-3/4" O.D.)	8
12	30302120	NUT - HEX, 5/8"-11UNC-2B-GR. 5	4
13	70101121	HHCS, 7/16-20 X 1.5", GR 8, PL	4
14	70100832	NUT - 7/16"-20 GR. C TOP LOCK	4
15	30337905	HHCS, 1/2”-13 X 2 1/2"	4
16	30391335	WASHER, FLAT, 1/2”	8
17	30307220	NUT, 1/2-13” NYLOCK	4
18	30373903	HHCS, 5/16”-18 X 1	2
19	30302128	WASHER - FLAT, 5/16"	2
20	30347680	WASHER – LOCKING, 7/16” HI-ALLOY	4

NOTES:

1. ITEMS 13, 14, AND 20 LOCATED UNDER CAB.
2. ITEMS 15, 16, AND 17 ASSEMBLE PUMP TO ITEM 2.
3. ITEM 3 (98397551) HAS BEEN REPLACED WITH 70101893.

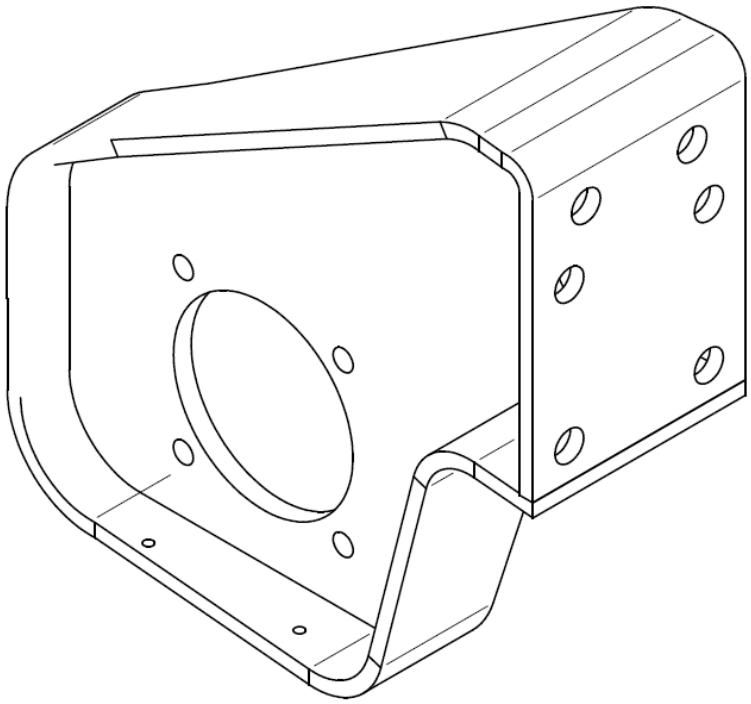
1.4.1 70101112 – GUARD PLATE, RPTO

	70101112



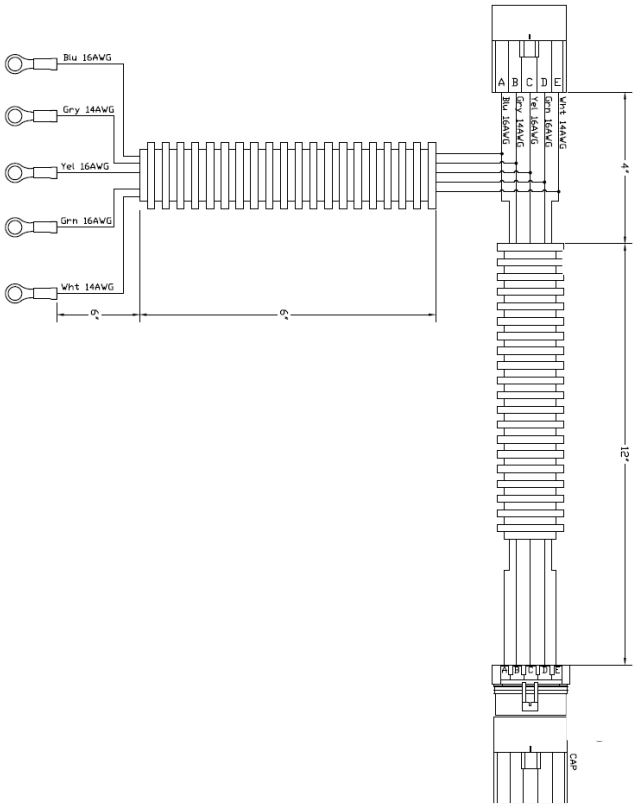
1.4.2 30358516 – WMT, PUMP MOUNT BRACKET, REAR

	30358516	
	03	4/19/17



1.4.3 98403509 – HARNESS MIXER, TAIL LIGHT SPLITTER

	98403509	
	01	12/4/15

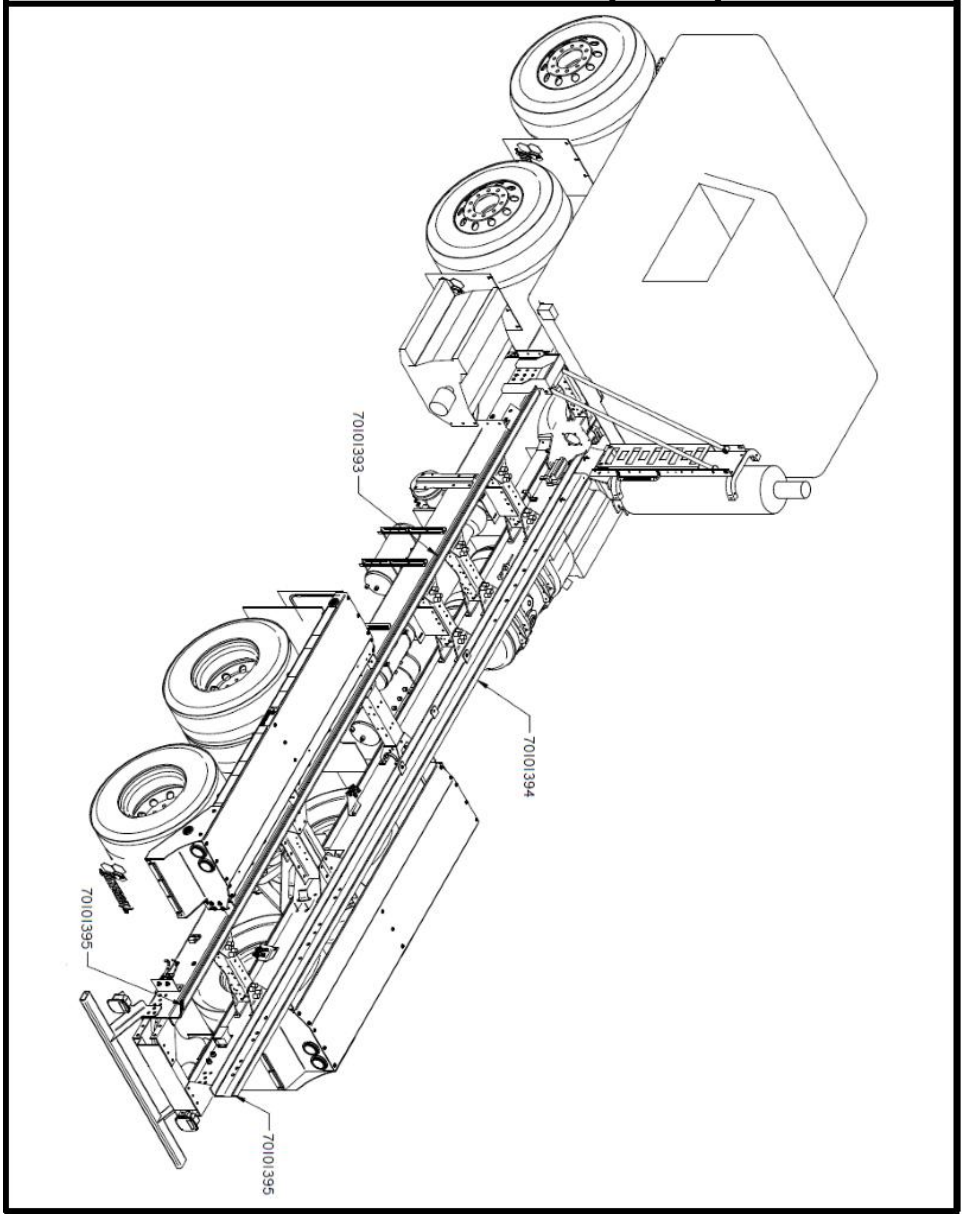


1.5 70100057 – SHAFT REPTO, 1310 SERIES 56.81"

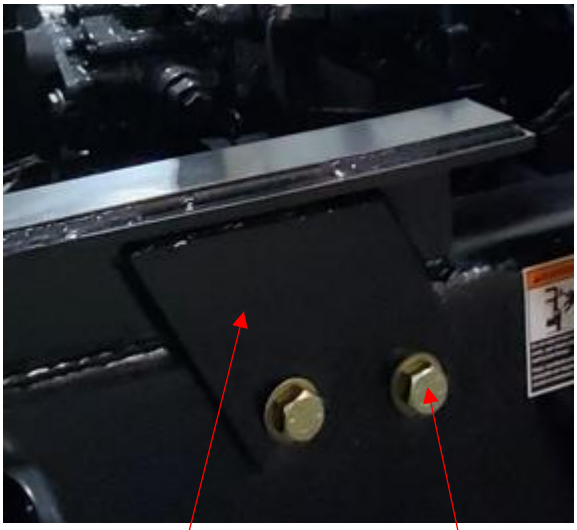


1.6 70101392 – CHASSIS MODS

	70101392	
	00	1/11/24



	70101392	
	00	1/11/24



ITEM	PART NO.	DESCRIPTION	QTY
1	70101393	PLT, SS BOOSTER RAIL	1
2	70101394	PLT, CS BOOSTER RAIL	1
3	70101395	PLT, BOOSTER RAIL TOP PLATE	2
4	30389872	PLT, TRANSITION BOOSTER RAIL	2
5	70100830	HHCS, 7/8”-14 x 3”	4
6	70100831	NUT, 7/8”-14	4
7	30386508	WASHER, FLT 7/8”	8
8*	70101462	PLATE, FENDER MOUNT	6

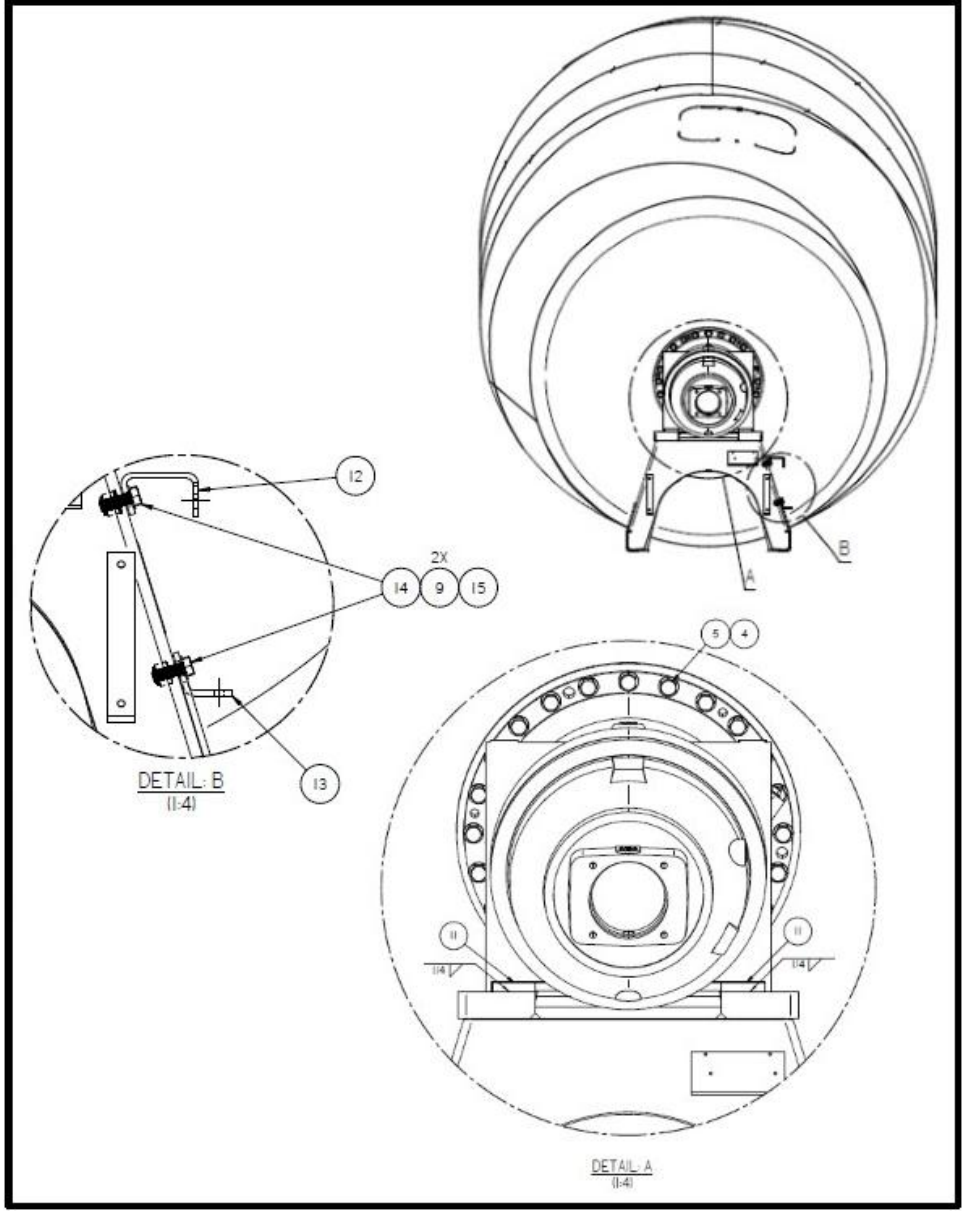
*ITEM NOT SHOWN

2 DRUMS

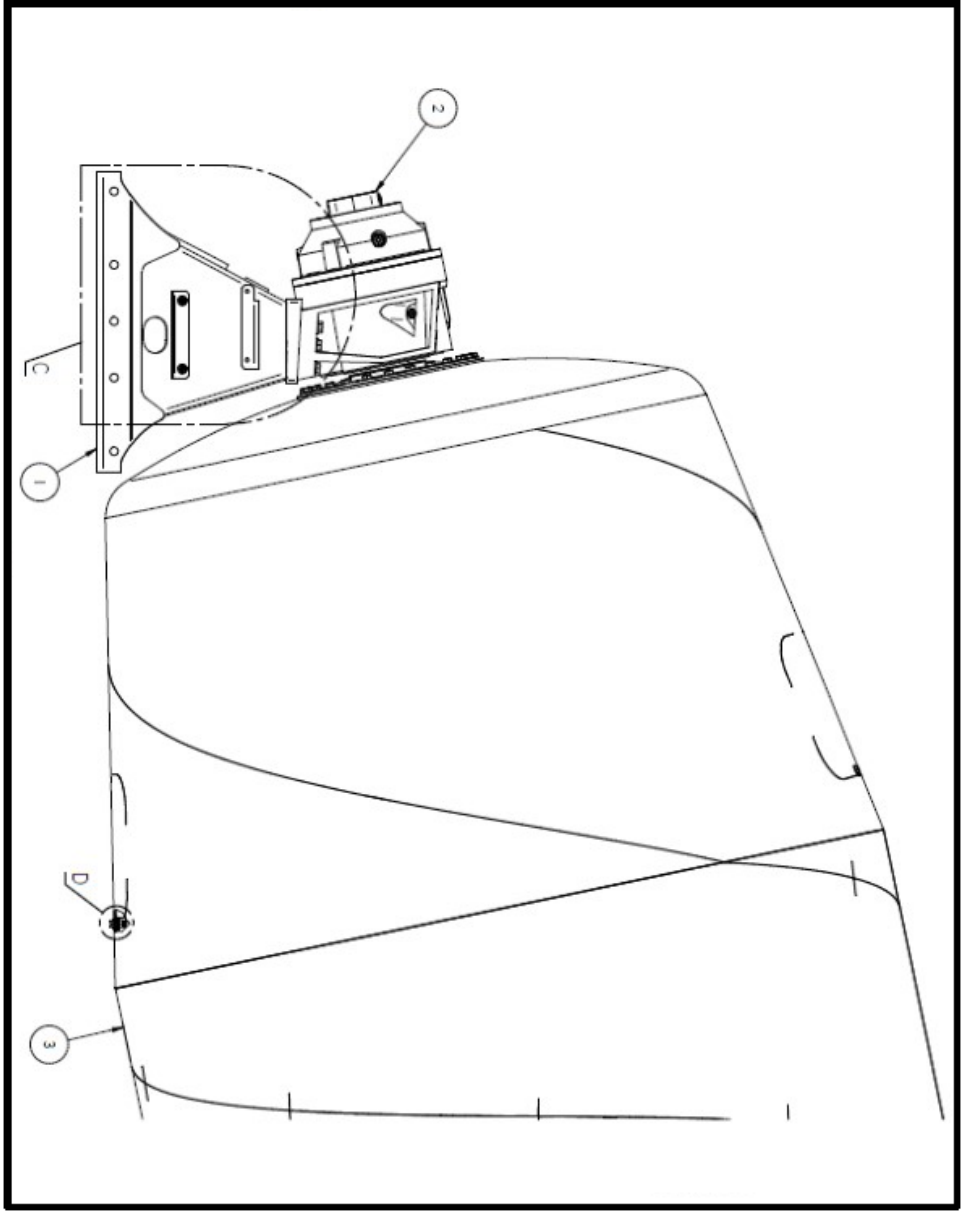
2.1 70102123 – ASSY, DRUM, 14YD, H/H, DH, P7300..... 2-57

2.1 70102123 – ASSY, DRUM, 14YD, H/H, DH, P7300

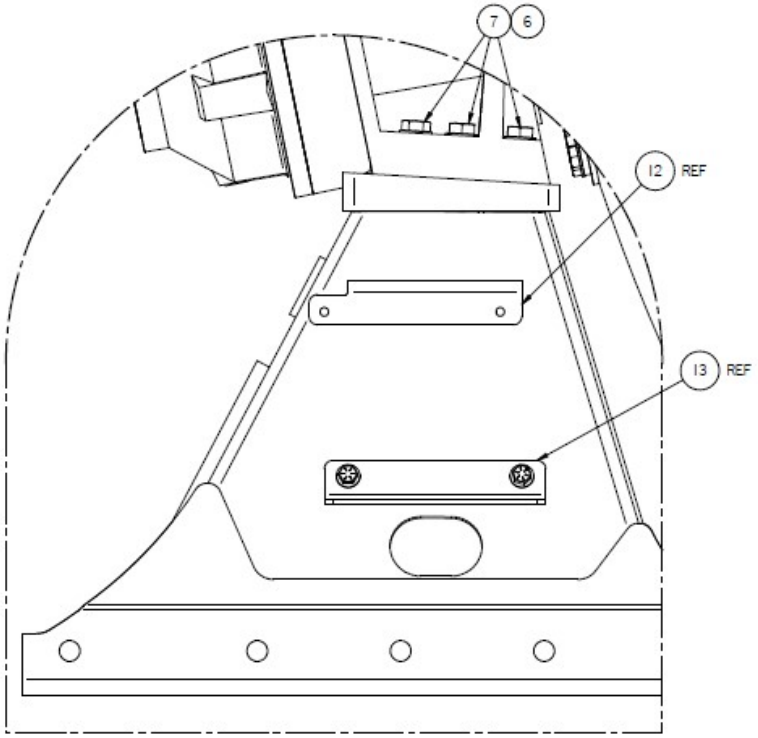
	70102123	
	00	10/29/24



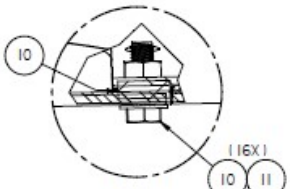
	70102123	
	00	10/29/24



	70102123	
	00	10/29/24

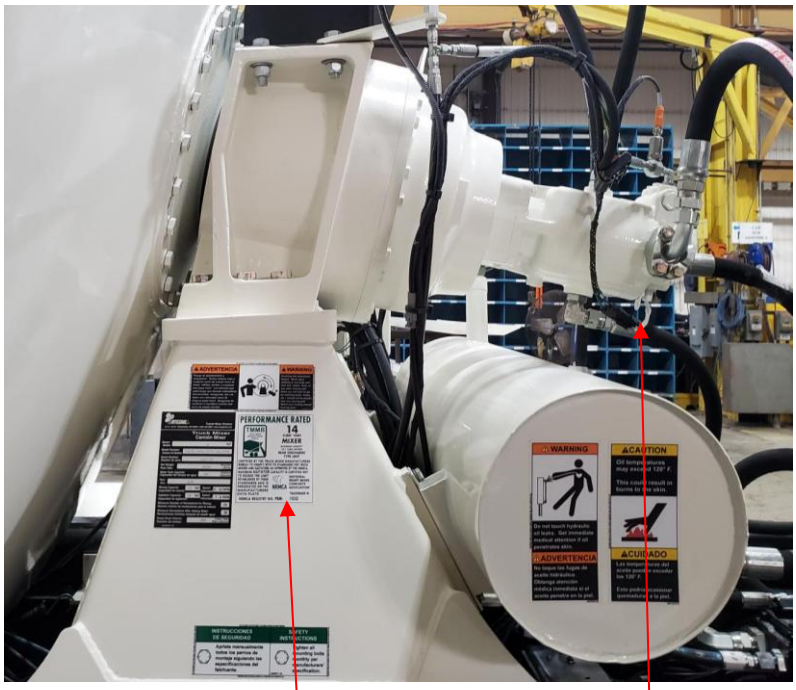


DETAIL: C
(1:4)



DETAIL: D
(1:2)
(BOTH HATCHES)

	70102123	
	00	10/29/24



ITEM	PART NO.	DESCRIPTION	QTY
1	70101314	WMT - FRONT PEDESTAL	1
2	60104083	GEAR P7300 I=144, 3 NO WATER PUMP DRIVE	1
3	70101382	WMT-14 YD, H/H, DH, DRUM	1
4	10133552	SCREW RETAINER SKM 16-GT320	24
5	10001350	SCREW ISO 4017 M 16 X 50-10.9-ZFSHL	24
6	30304213	WASHER - FLAT, 3/4" HARDENED	6
7	70101398	HHCS, 3/4-16 X 3.5", GR8, YZ	6
8	60307200	PARTS - SEAL HATCH MIXER	2
9	10129840	SCREW RETAINER SKM 12-GT320	40
10	30302654	SCREW - 1/2"-13 NC X 1 1/2" LG GR.5 HHCS	32
11	30389054	BAR - SQUARE 5/8" MIN YIELD 58000 PSI	2
12	98415934	BRACKET ,MOUNT TOP, PLC BOX - P7300	1
13	98415941	BRACKET , MOUNT BOTTOM, PLC BOX - P7300	1
14	30314369	HHCS 1/2-13NC X 1-1/2"LG. GR8	4
15	30307220	NUT, NYLON LOCK1/2 -13UNC	4
16	98332046	DECAL - TMMB - 14 YD	1
17	70101950	HARNESS, ICT P7300 3 WIRE SENSOR	1

3 POWER

Refer to parts manual 70100292.

4 HYDRAULICS

4.1 70102196 – 100% TRUCK HYD. HOSE GROUP 14 YARD 4-63
4.2 70102197 – BOOSTER HYD. HOSE GROUP 4-63

4.1 70102196 – 100% TRUCK HYD. HOSE GROUP 14 YARD

SCHEMATIC HOSE NUMBER	PART NO.	DESCRIPTION	QTY
1	70100008	HOSE-HYD-16/16-6000 PSI-32.00"	1
2	70100009	HOSE-HYD-12/12-4000 PSI-60.00"	1
3	98333548	HOSE-HYD-12/12-4000 PSI-29.00"	1
4	70102199	HOSE-HYD-12/12-4000 PSI-50"	1
5, 6	70100012	HOSE-HYD-16/16-6000 PSI-60.00"	2
8	70102447	HOSE-HYD-4/4-6000 PSI-250.00"	1
9	70100015	HOSE-HYD-16/16-6000 PSI-25.00"	1
11	70102198	HOSE-HYD-8/8-4500 PSI-58.5"	1
12, 13	70100018	HOSE-HYD-6/6-4000 PSI-306.00"	2
14, 15	98336250	HOSE-HYD 6/6-5000 PSI-32.00"	2
25	70100599	HOSE-HYD-8/8-4000 PSI-62.00"	1

NOTE: SEE SECTION 12.1 FOR HOSE IDENTIFICATION ON SCHEMATIC

4.2 70102197 – BOOSTER HYD. HOSE GROUP

SCHEMATIC HOSE NUMBER	PART NO.	DESCRIPTION	QTY
17	70100021	HOSE-HYD-8/8-4000 PSI-206.00"	1
18	70100022	HOSE-HYD-6/6-4000 PSI-198.00"	1
20	70100019	HOSE-HYD-6/6-4000 PSI-37.50"	1
21	98431708	HOSE-HYD-6/6-4000 PSI-66.00"	1
22	70102200	HOSE-HYD-8/8-4000 PSI-190.00"	1
19, 23	70100598	HOSE-HYD-8/8-4000 PSI-36.00"	2

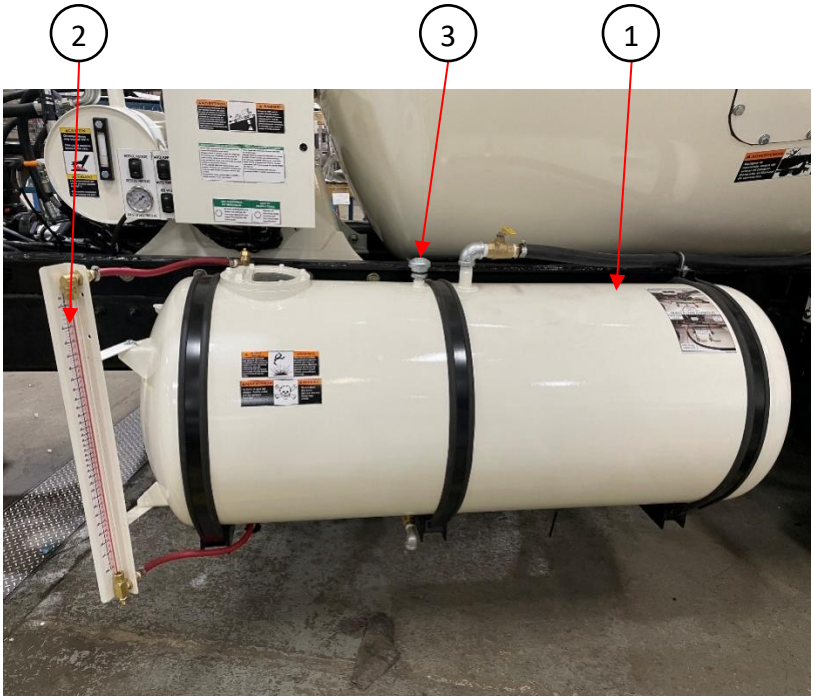
NOTE: SEE SECTION 12.1 FOR HOSE IDENTIFICATION ON SCHEMATIC

5 WATER

5.1 70102369 – ASSY, 150 GAL, W/WASHOUT 5-65
5.1.1 70102454 – ASSY, TANK FITTINGS 5-66
5.2 70102361 – RESULTS, WASHOUT GROUP 5-68
5.2.1 70102427 – ASSY, DIAPHRAGM PUMP 5-69
5.2.2 70102455 – ASSY, RESULTS WASHOUT FRONT PED 5-71
5.2.2.1 70102399 – ASSY, BOOSTER/WASHOUT PANEL 5-73
5.2.3 98443453 – ASSY, REAR PEDESTAL WASHOUT 5-75
5.2.3.1 98443453 - ROUTING 5-89
5.2.4 70101815 – HRN, WASHOUT SYSTEM 5-90
5.3 98364276 – ASSY, SIDE MOUNT 150 & 125 5-91
5.4 70101634 – ASSY, BYPASS 5-93
5.5 70101641 – ASSY, HOSE SUPPORT 5-96

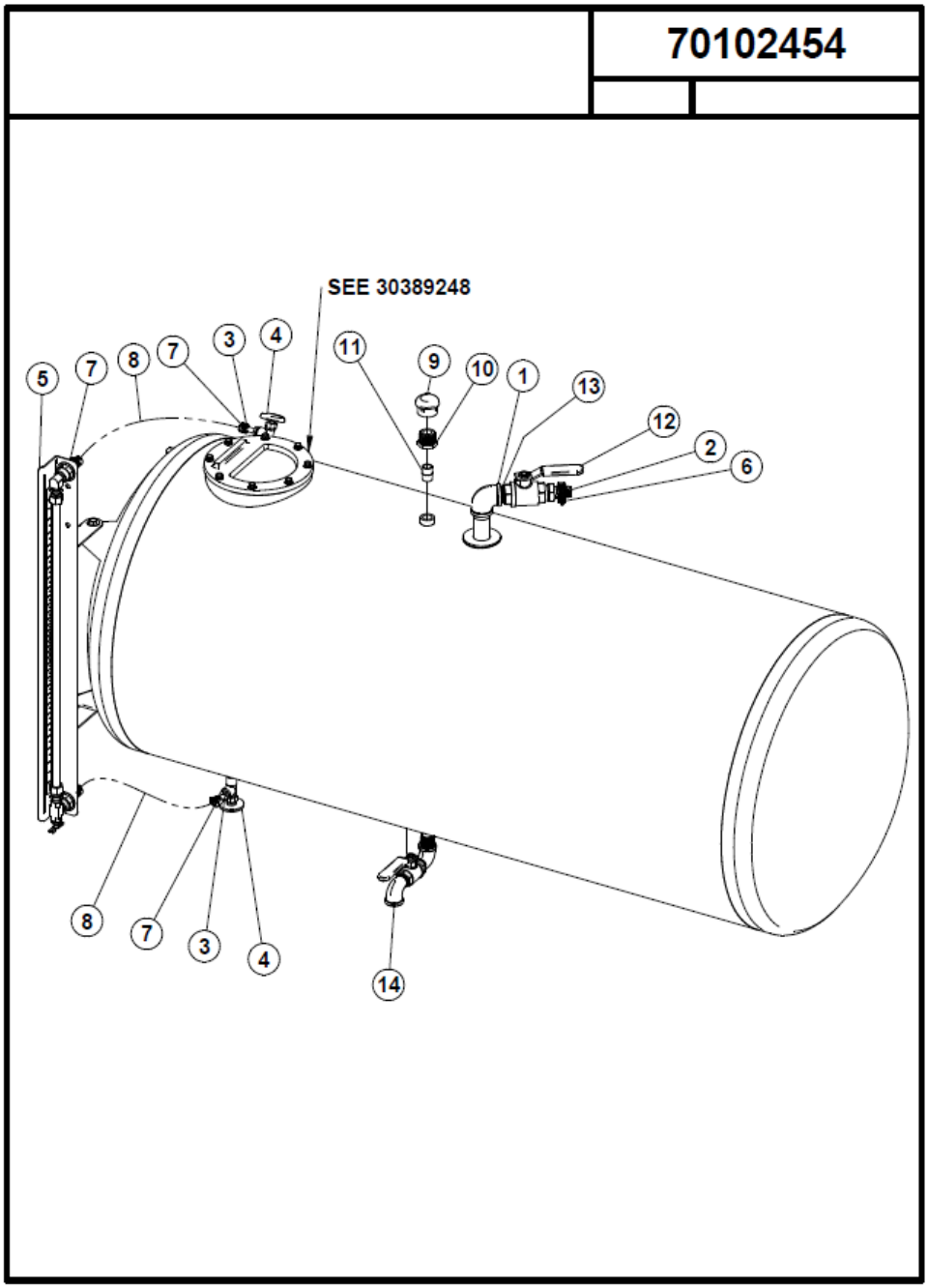
5.1 70102369 – ASSY, 150 GAL, W/WASHOUT

	70102369



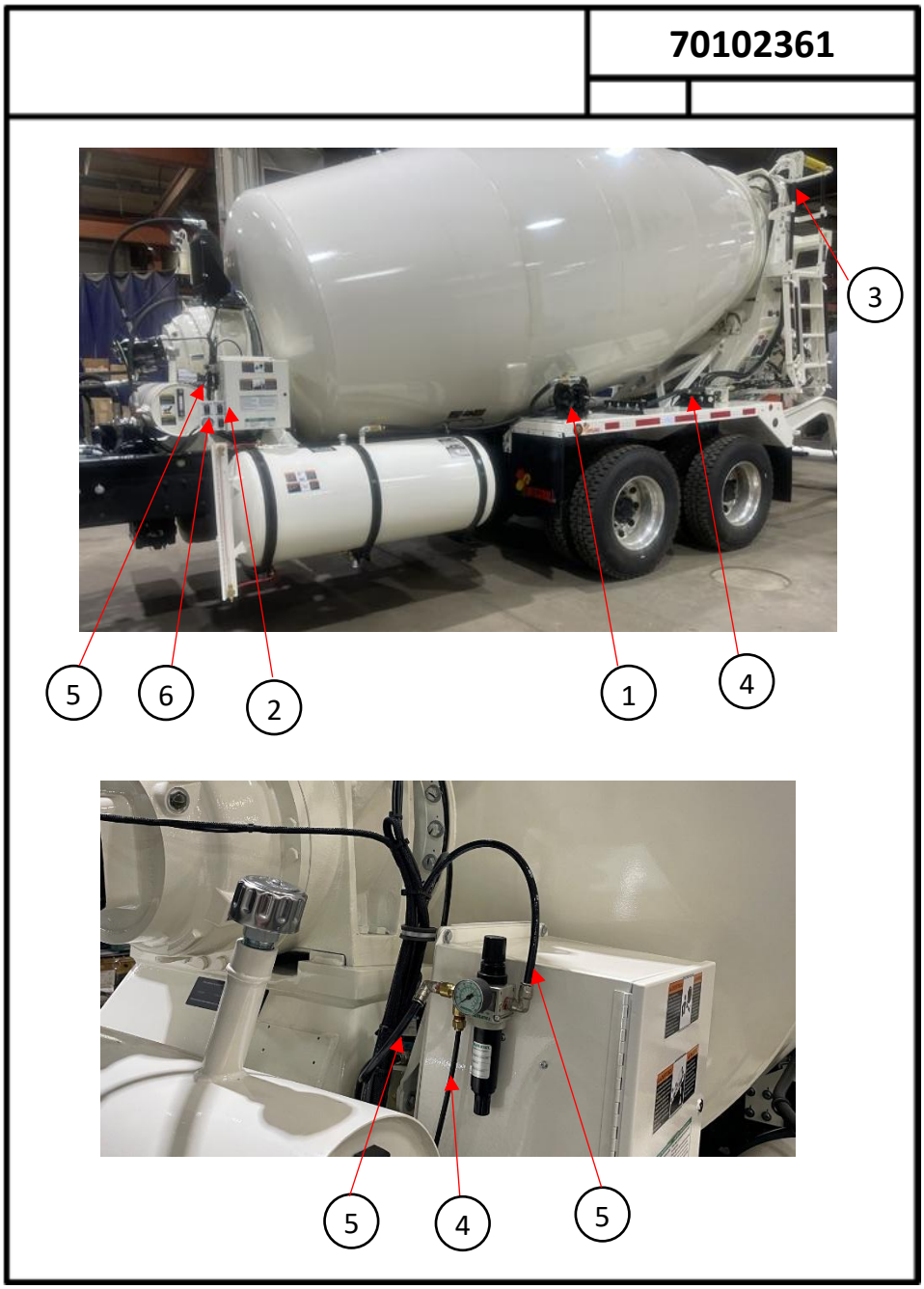
ITEM	PART NO.	DESCRIPTION	QTY
1	30389438	WATER TANK ASSY 150 GAL. SS	1
2	30389441	DECAL – PLT, WATER LEVEL 150 GAL	1
3	70102454	ASSY, TANK FITTINGS	1

5.1.1 70102454 – ASSY, TANK FITTINGS



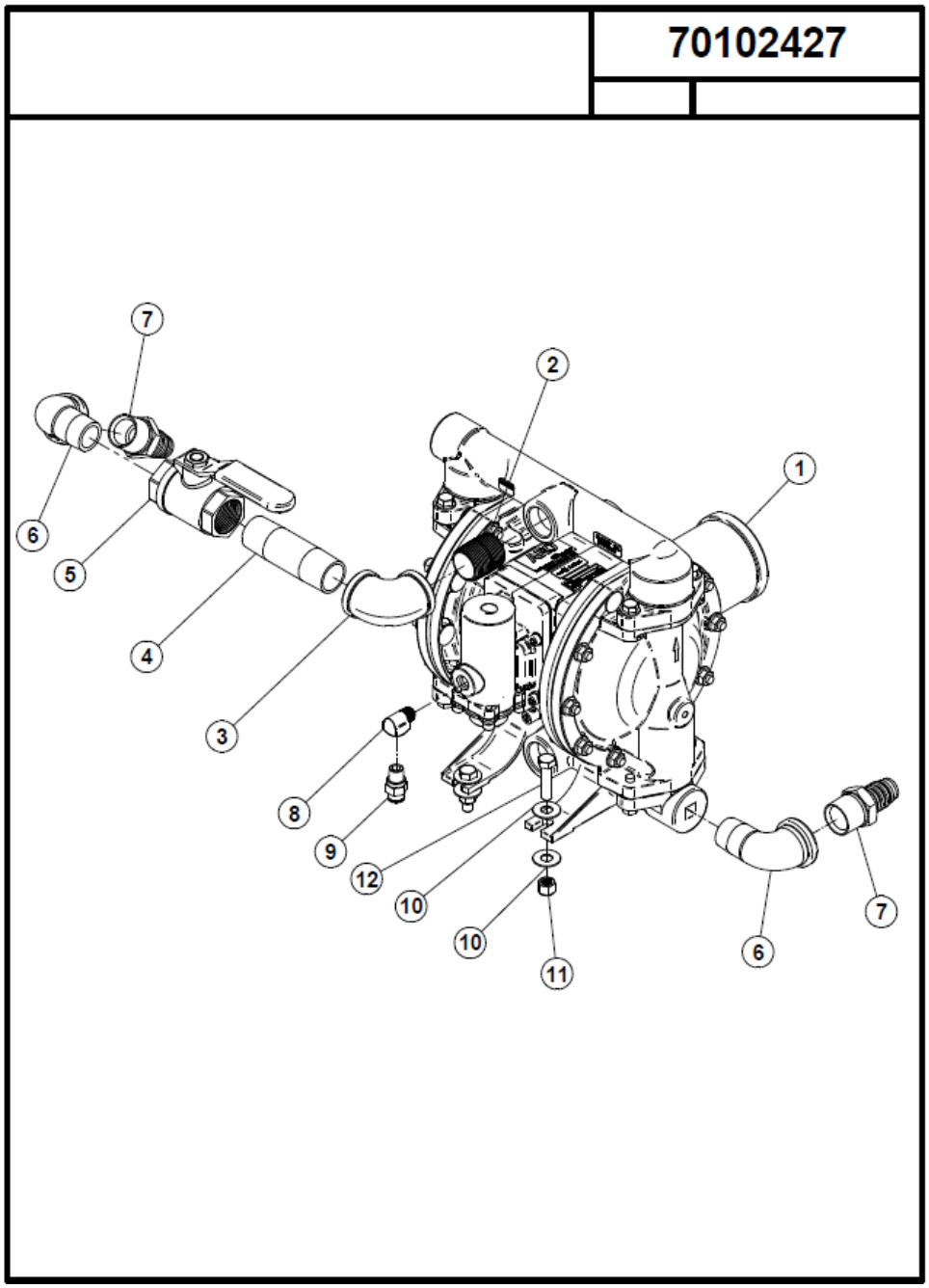
ITEM	PART NO.	DESCRIPTION	QTY
1	30330859	ELBOW, 90 DEG. 1" FNPT	1
2	30389225	1" NPT X 1" HOSE BARB	1
3	30389217	BARBED HOSE FITTING-3/8"NPT X 3/8" BARB	2
4	30389223	VALVE, SHUT-OFF	2
5	98362383	ASSY - GAUGE, WATER TANK	1
6	30302180	CLAMP - HYD, T-BOLT 11/16"-1 1/4"	1
7	30303643	CLAMP - HYD, WORM GEAR 3/8"-7/8"	4
8	30358631	HOSE , 3/8" 200 PSI RED, BULK	4 FT
9	98366649	BREATHER - VENT CAP, 1"NPT FEMALE, WATER	1
10	98425738	FITTING -HEX BUSH 1"X1/2" NPT GALVANIZED	1
11	30314335	NIPPLE CLOSE 1/2" NPT	1
12	30315395	1 IN BRASS BALL VALVE	1
13	30315394	FITTING, CLOSE NIPPLE 1" MNPT	1
14	98364125	ASSY, TANK DRAIN	1

5.2 70102361 – RESULTS, WASHOUT GROUP



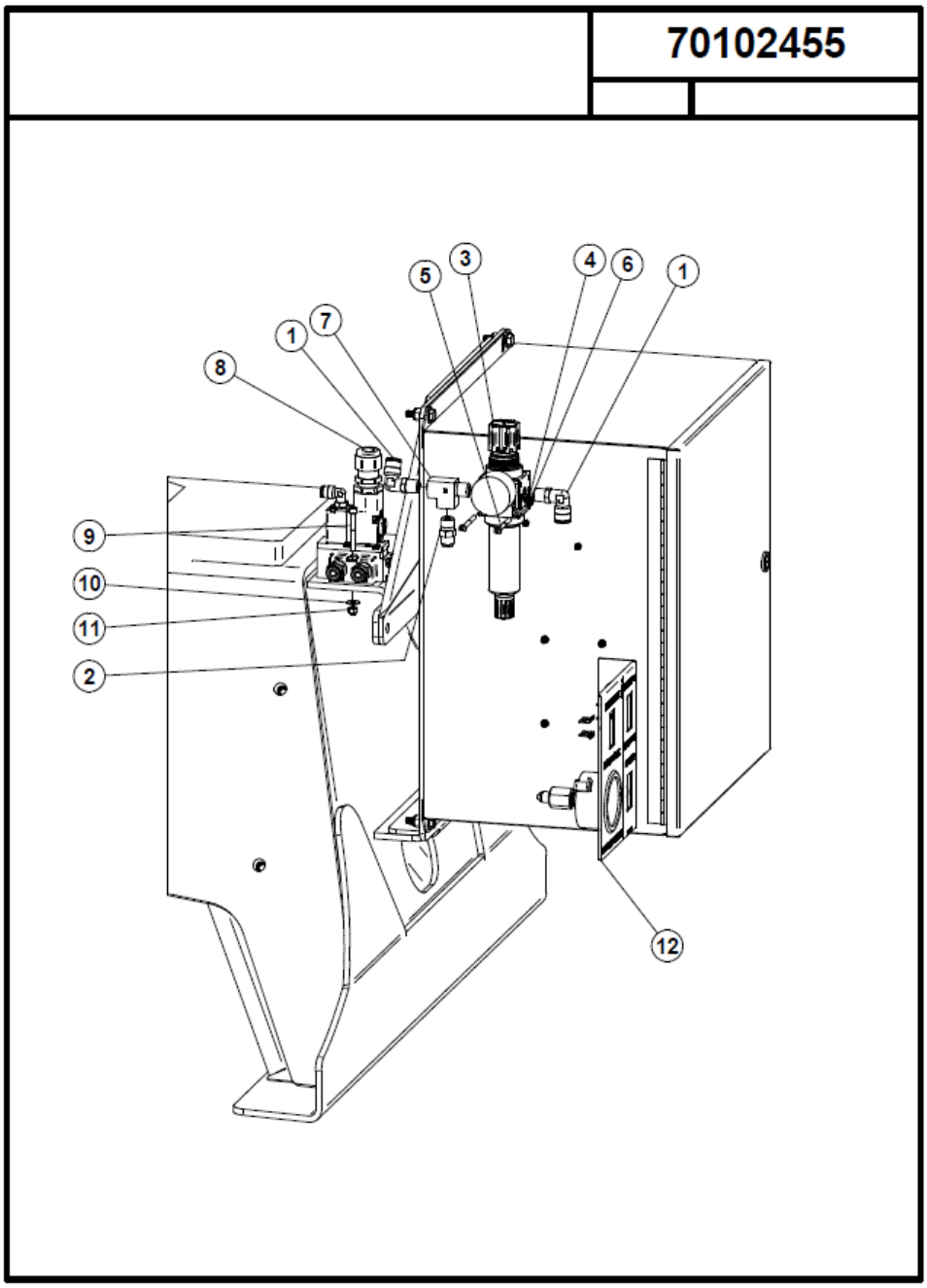
ITEM	PART NO.	DESCRIPTION	QTY
1	70102427	ASSY, DIAPHRAGM PUMP	1
2	70102455	ASSY, RESULTS WASHOUT FRONT PED	1
3	98443453	ASSY, REAR PED. ICT WASHOUT	1
4	70100213	1/4” DOT TUBING	45 FT
5	30305009	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 WALL	25 FT
6	70101815	HRN, WASHOUT SYSTEM	1

5.2.1 70102427 – ASSY, DIAPHRAGM PUMP



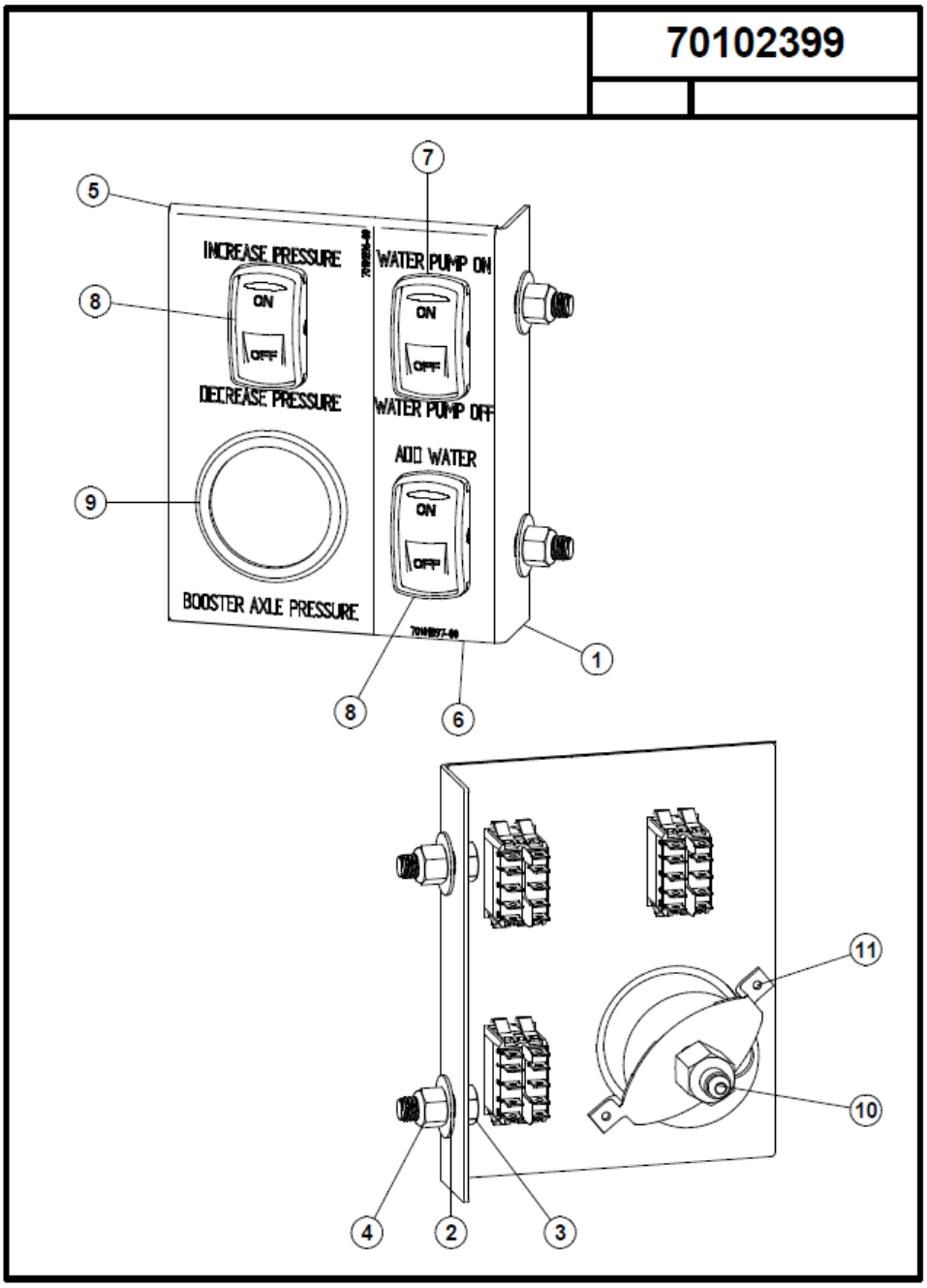
ITEM	PART NO.	DESCRIPTION	QTY
1	70102331	PUMP - WATER, DIAPHRAGM, PNEUMATIC	1
2	30315394	FITTING - CLOSE NIPPLE 1" MNPT	1
3	98423397	FITTING - ELBOW 1” PIPE GALVANIZED	1
4	98369220	FITTING - PIPE NIPPLE,1"NPTX4",SCH 40,GAL	1
5	30315395	1 IN BRASS BALL VALVE	1
6	30314474	FITTING - HYD, ELBOW STREET 1"	2
7	30389225	1" NPT X 1" HOSE BARB	2
8	30347007	FITTING - ELBOW, 1/4" NPT, 90º STREET	1
9	98336178	FITTING - 3/8” STRIAGHT AIR DOT	1
10	30302130	WASHER, FLAT 3/8”	8
11	98372389	NUT, NYLOCK 3/8”-16	4
12	70100509	HHCS, 3/8”-16 X 1.5”	4

5.2.2 70102455 – ASSY, RESULTS WASHOUT FRONT PED



ITEM	PART NO.	DESCRIPTION	QTY
1	98336171	FITTING - 3/8" 90° SWIVEL AIR DOT	2
2	98389428	FITTING - AIR, 1/4 TUBE X 1/4 NPTM - BRASS	1
3	30359402	REGULATOR - PNEUMATIC, 0-160 PSI, 1/4NPT	1
4	10145911	SCREW RETAINER SKM 4-GT320	2
5	10001550	SCREW DIN 912 M 4 X 45-8.8-VZD	2
6	10069699	NUT DIN 985 M 4-A2-70	2
7	30357578	FITTING - STREET TEE, 1/4" NPT - BRASS	1
8	98328643	CHUTE LOCK VALVE	1
9	10072667	SHCS, M5X0.8 X 40	2
10	10145912	WASHER, M5	2
11	10069700	NUT, NYLOCK M5X0.8	2
12	70102399	ASSY, BOOSTER GAUGE/WASHOUT PANEL	1

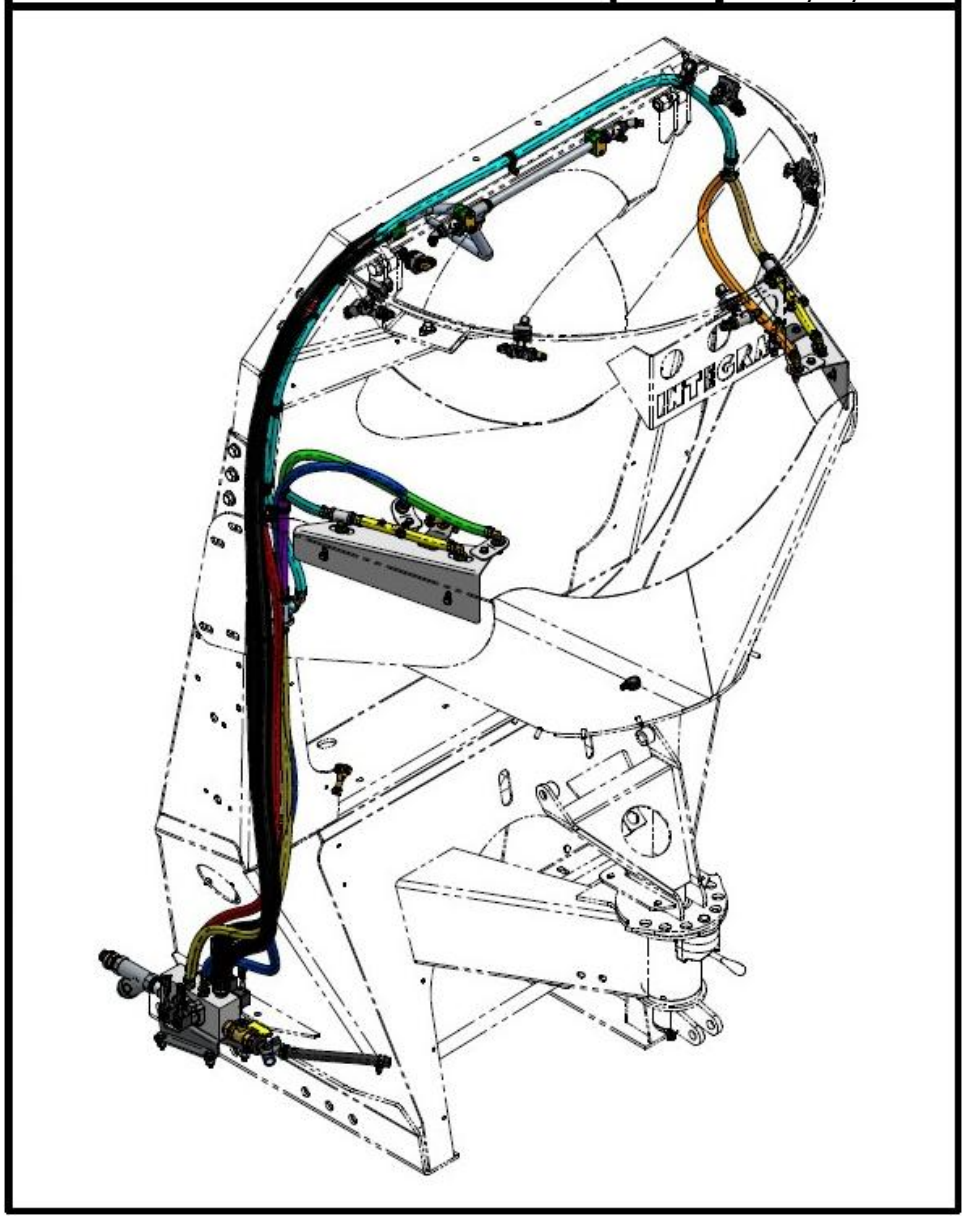
5.2.2.1 70102399 – ASSY, BOOSTER/WASHOUT PANEL



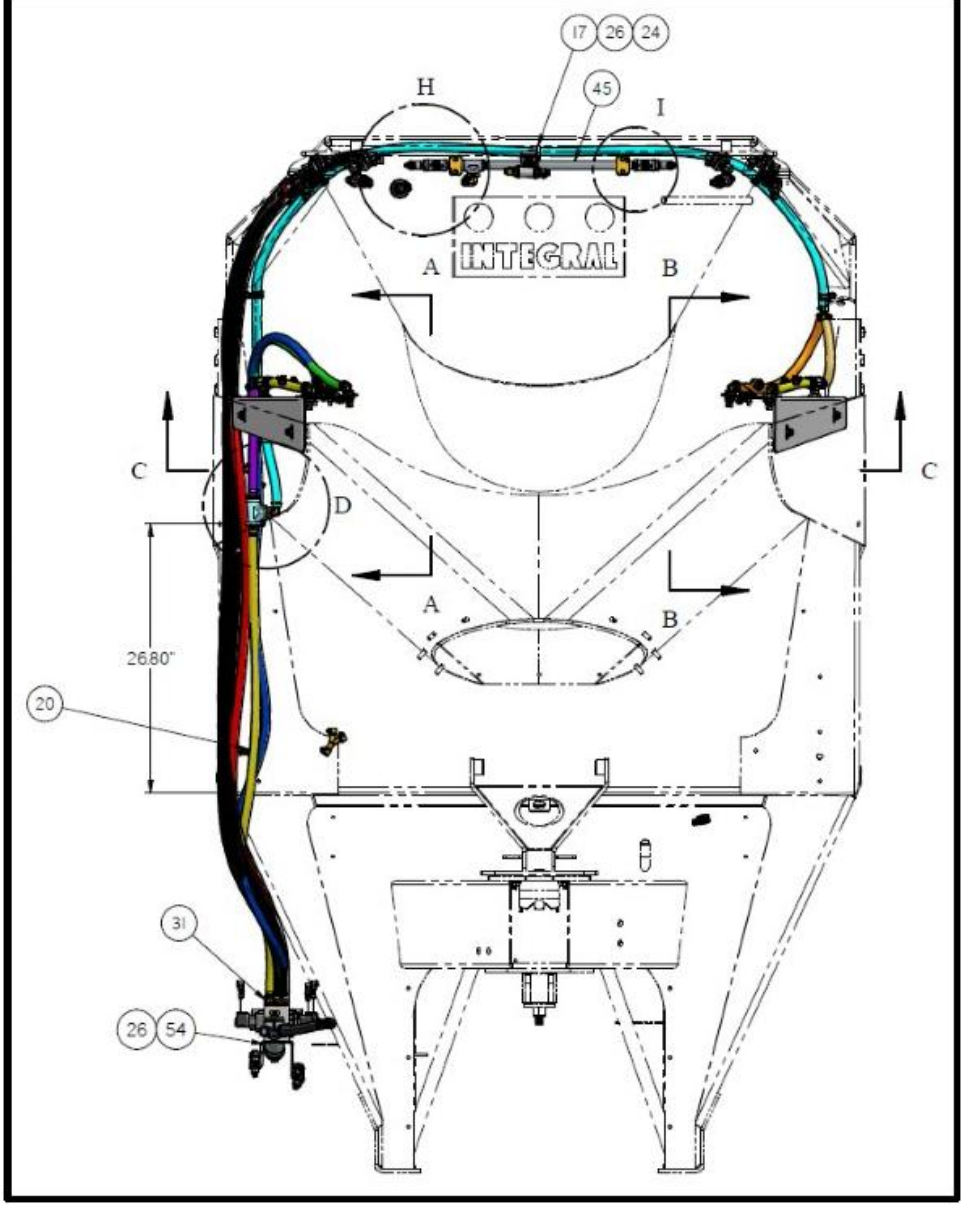
ITEM	PART NO.	DESCRIPTION	QTY
1	70102398	PLT-BOOSTER GAUGE/WASHOUT PANEL	1
2	30302130	WASHER, FLAT 3/8”	4
3	30302118	HHCS, 3/8”-16 X 1”	2
4	98372389	NUT, NYLOCK 3/8”-16	2
5	70101896	DECAL, BOOSTER PRESSURE	1
6	70101897	DECAL, WASHOUT	1
7	70101817	RCKR SW, KH, ON-OFF, 1/4” QC	1
8	70101818	RCKR SW, KH, MOM-OFF-MOM, 1/4” QC	2
9	70101895	GAUGE, 3000 PSI, 1/4” NPT, BM	1
10	30389168	FITTING – STR 1/4” NPT X #4 FJIC	1
11	70100058	BKT-WATER GAUG	1

5.2.3 98443453 – ASSY, REAR PEDESTAL WASHOUT

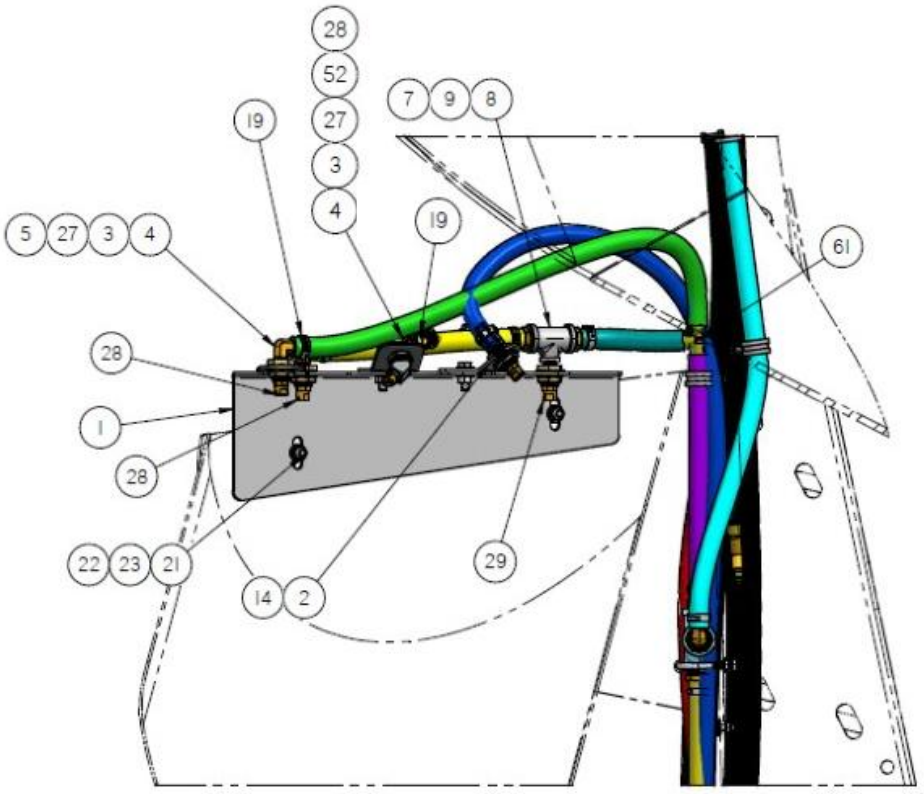
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	05	01/24/23



	98443453	
	05	01/24/23

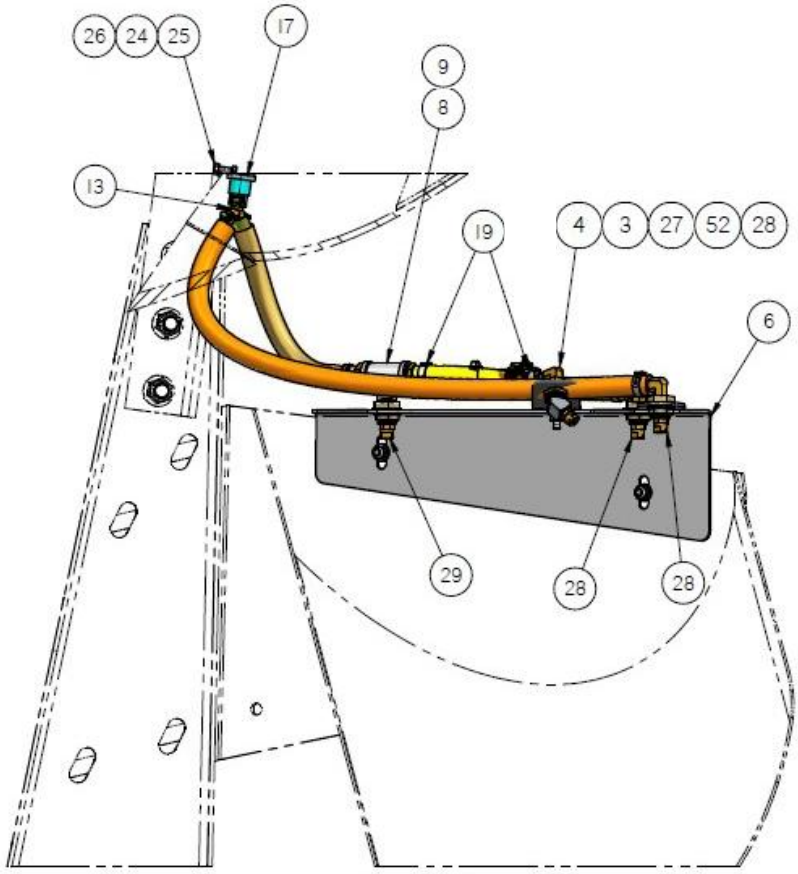


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	05	01/24/23



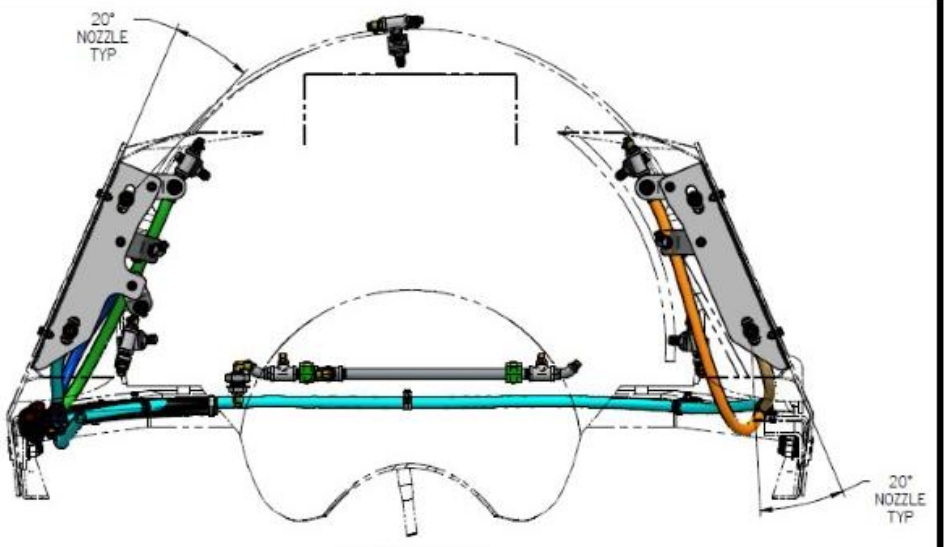
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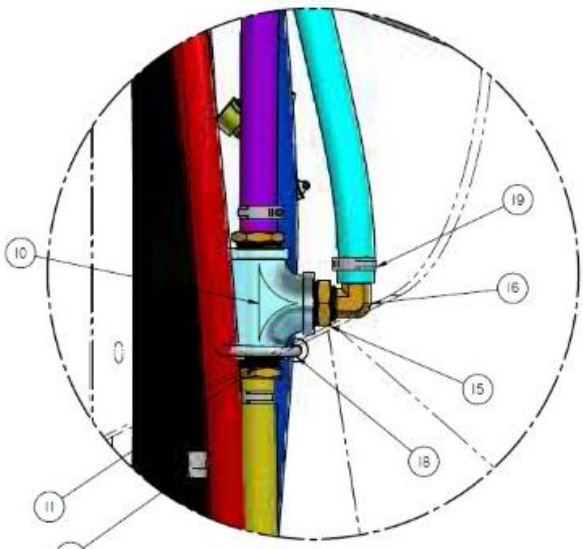


SECTION: B-B
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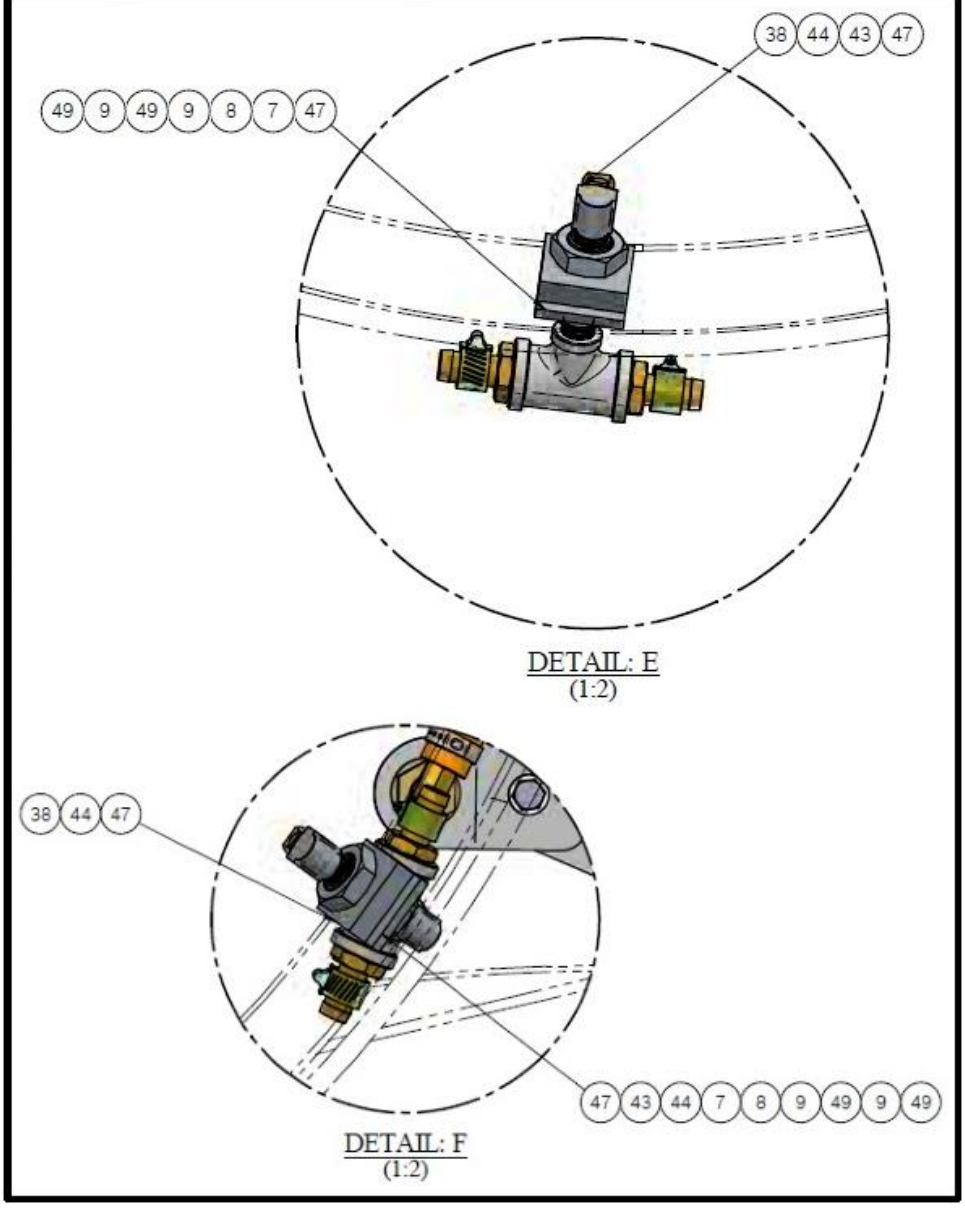


SECTION: C-C
(1:8)

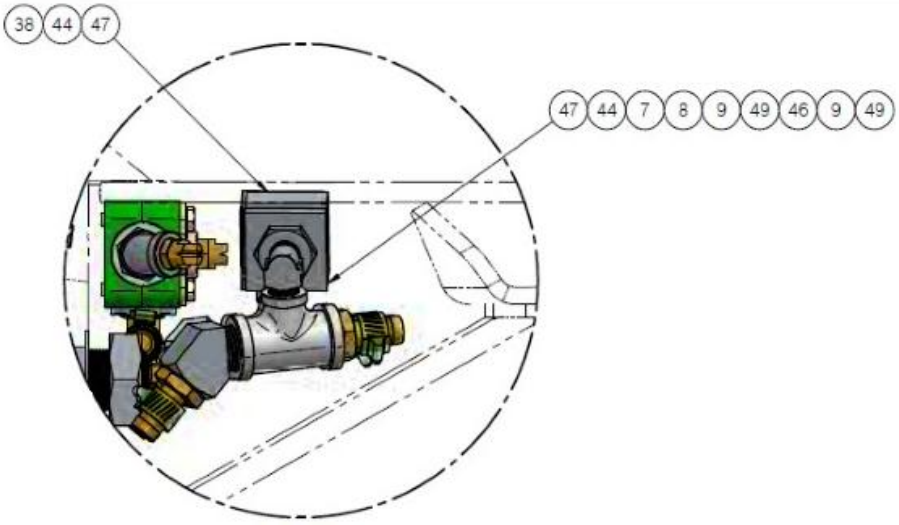


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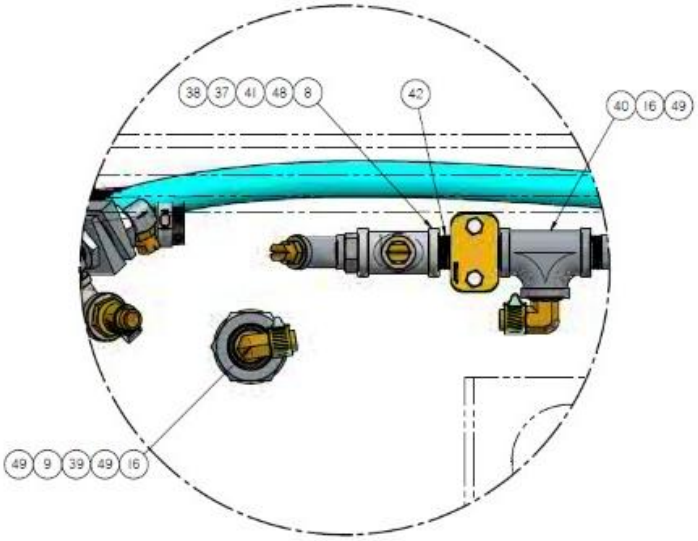
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	05	01/24/23



	98443453	
	05	01/24/23

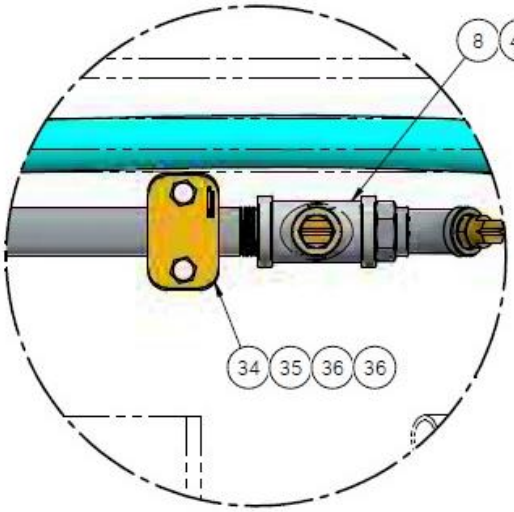


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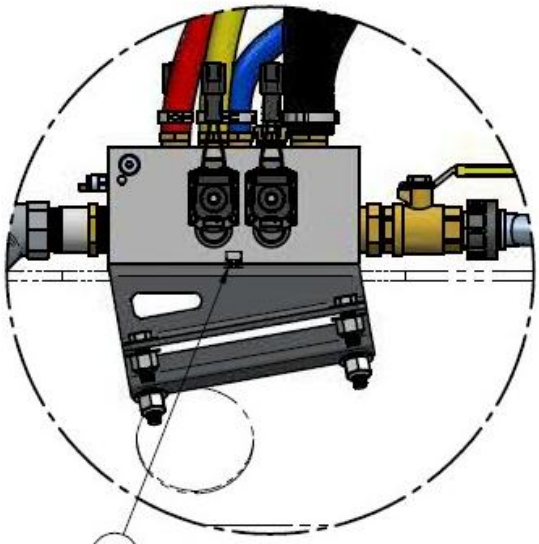


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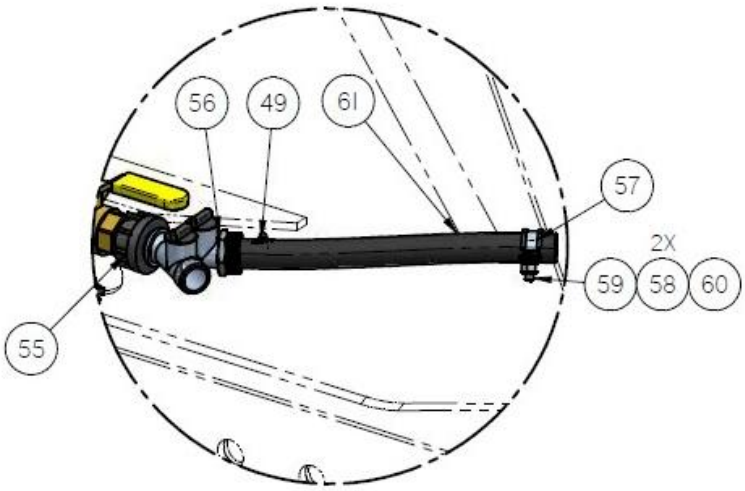


DETAIL: I
(1:2)



DETAIL: K
(1:4)

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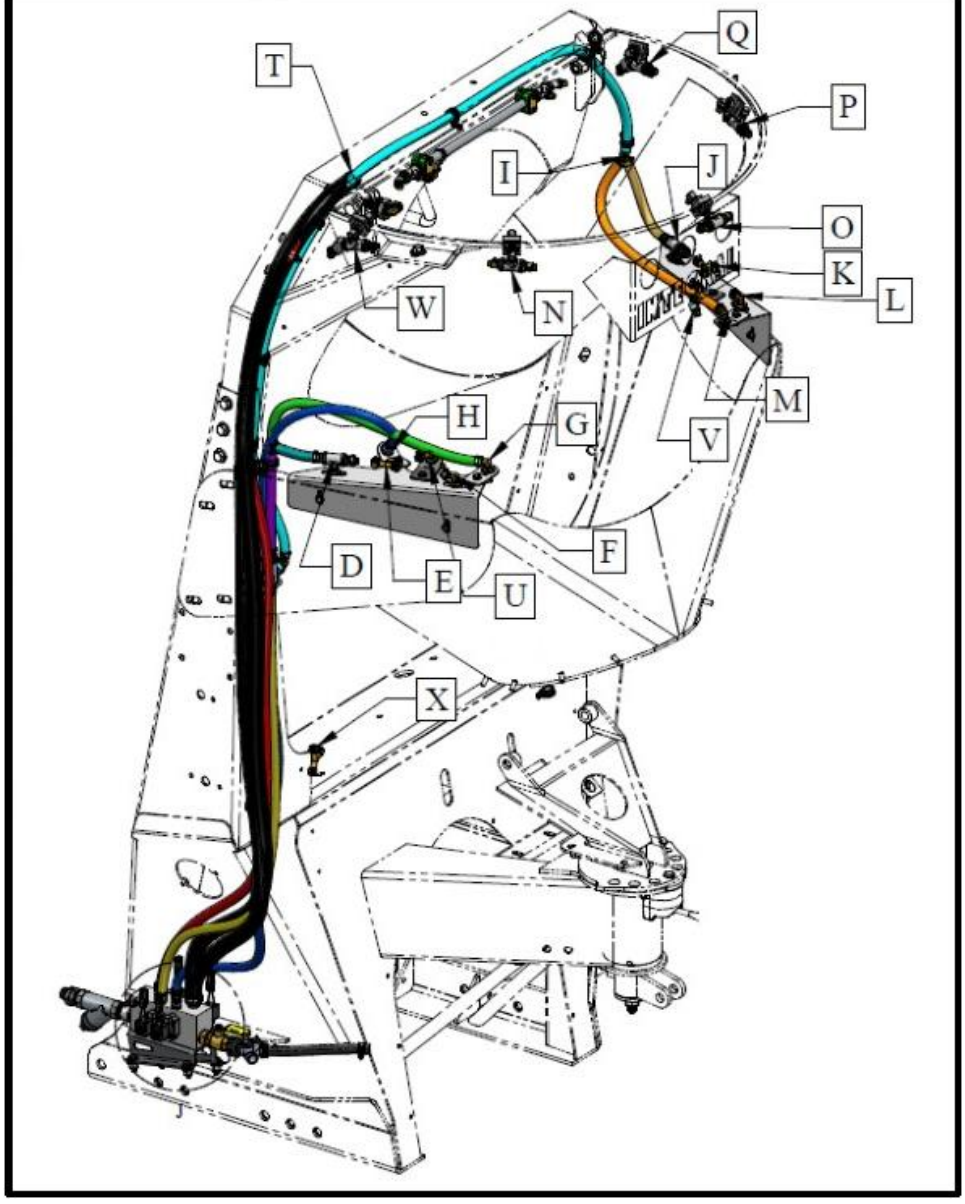


DETAIL: L
(1:4)

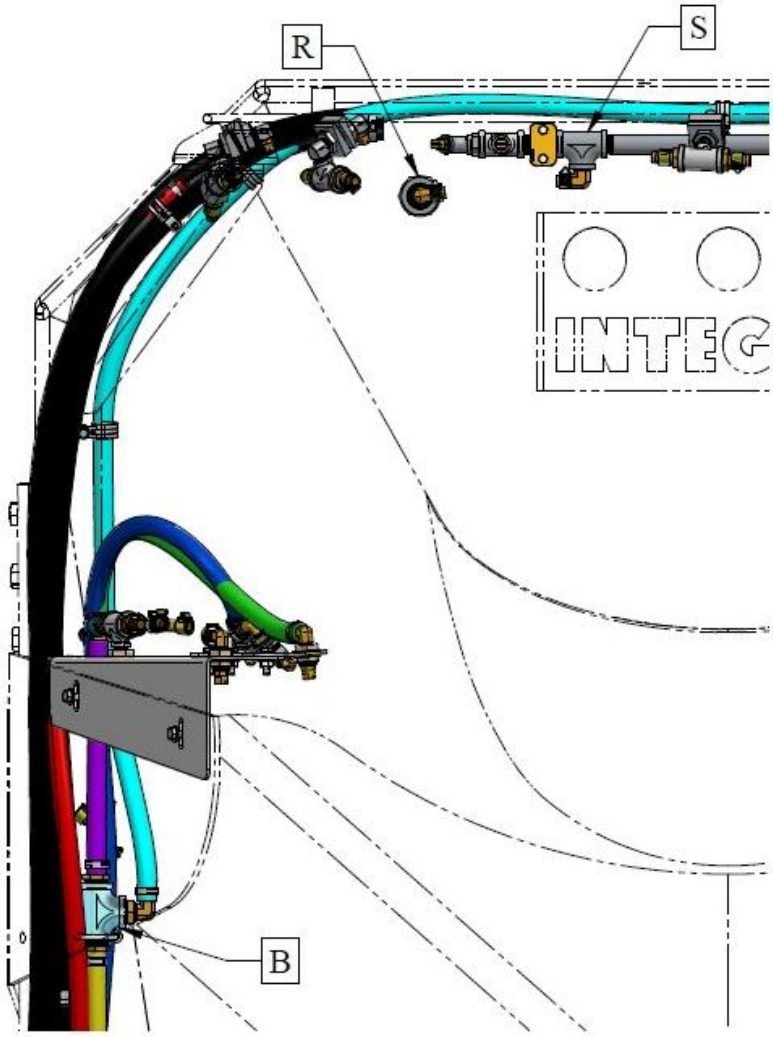
ITEM	PART NO.	DESCRIPTION	QTY
1	98423156	BRACKET - MAIN LH WASHOUT NOZZLE	1
2	98423180	BRACKET - DRUM FIN WASHOUT NOZZLE	1
3	98423249	FITTING - BULKHEAD 1/4" NPT BRASS	9
4	98423244	FITTING - HOSE BARB 1/2" HOSE 1/4" NPT	6
5	98424551	BRACKET - HOPPER WASHOUT NOZZLE	2
6	98423157	BRACKET - MAIN RH WASHOUT NOZZLE	1
7	98389394	NIPPLE BRASS PIPE 1/4" M NPT X CLOSE	7
8	98423247	FITTING -TEE REDUCER 1/2" RUN 1/4" BRANC	9
9	98423246	FITTING - HOSE BARB 1/2" HOSE 1/2" NPT	14
10	30303369	FITTING, WATER, TEE 3/4" GALVANIZED	1
11	98423250	FITTING - HOSE BARB 1/2" HOSE 3/4" NPT	2
12	70101610	CONNECTOR -TEE HOSE BARB 1/2", NYLON	1
13	70101612	CONNECTOR -WYE HOSE BARB 1/2", NYLON	5
14	98423253	FITTING - HOSE BARB 1/2" HOSE 1/4" NPT	1
15	98423344	FITTING - RED BUSH 3/4" NPT 1/2" NPT	1
16	98423259	FITTING - 90 HOSE BARB 1/2"HOSE 1/2"NPT	4
17	98423254	CLAMP -P CUSHIONED 7/8" DIA	13
18	98423251	BOLT - U 1/4-20 1-1/2" ID GALV	1
19	98442368	CLAMP - OETIKER EAR, 22.6 MM ID	10
20	98423409	CLAMP -P CUSHIONED 1-1/4" DIA	1
21	10001808	SCREW ISO 4017 M 8 X 25-8.8-VZD	9
22	10129842	SCREW RETAINER SKM 8-GT320	18
23	10001248	NUT ISO 4032 M 8-8-VZD	9
24	10001764	SCREW DIN 933 M 6 X 20-8.8-VZD	9
25	10001244	NUT ISO 4032 M 6-8-VZD	11
26	10134153	SCREW RETAINER SKM 6-GT320	24
27	10032145	SCHNORR LOCK WASHER S 20-GT500	7
28	98424585	NOZZLE FLAT SPRAY 80° 1.5GPM @ 40PSI 1/4	6
29	98424583	NOZZLE FLAT SPRAY 80° 3GPM @ 40PSI 1/4NP	3
30	30389265	PLUG - 1/4NPT	1
31	98412586	PLUG - HEX HEAD, 1/2" NPT, 3000PSI -GALV	1
32	98443348	CLAMP -EAR, 37.6MM ID	3
33	98430834	VALVE -12VDC, MULTI-ZONE WASHOUT	1
34	70100704	CLAMP - STAUFF, PLASTIC 0.84" (21MM)	2
35	30307534	COVER PLATE - 3/4"-1" X 1 PLACE - ALL KVM	2
36	10001779	HHCS, M6 X 40,-8.8-VZD,4017	4
37	70100698	FITTING - ELBOW 45°, 1/4" NPT	2
38	70100768	SPRAY NOZZLE, 08 CAPACITY, 95 RATED ANGLE	7
39	70100703	FITTING - BULKHEAD 1/2" NPT BRASS	1
40	70100702	FITTING - TEE, 1/2" NPT	1
41	70100699	FITTING - ADAPTOR 1/4" TO 1/2" NPT	2
42	70100701	PIPE - 2.5" LONG, 1/2" NPT	1

43	70100740	FITTING - BULKHEAD 1/4" NPT BRASS	5
44	30347007	FITTING - 1/4" STREET 90° ELBOW	9
45	70100700	PIPE - 16" LONG, 1/2" NPT	1
46	70100765	FITTING - 1/2" STREET 45° ELBOW	4
47	70100735	WASHER - BEVELED, 3/4"	10
48	70100767	SPRAY NOZZLE, 08 CAPACITY, 110 ANGLE	2
49	30303643	CLAMP - HYD, WORM GEAR 3/8"-7/8"	35
50	70100766	TUBE - 1/2" ID EVA PLASTIC	5.5 FT
51	70100899	PLATE, DISCHARGE WASHOUT	2
52	70100894	FITTING - 1/4" STREET 45° ELBOW	2
53	70100900	ASSY, WATER VALVE MANIFOLD MOUNT	1
54	30302133	SCREW - HHC, 1/4"-20UNC X 3/4" LG GR5 ZP	4
55	30389491	Y FITTING FOR WATER HOSE 3/4"	1
56	70101504	ADPT,3/4"FGHT X 1/2"HOSE BARB	1
57	30359261	HARN-CLAMP,3/4"SS PARTIAL CUSH	1
58	30303735	WASHER, FLAT, 1/4" USS, ZP	2
59	30373841	BOLT 1/4-20 X 3/4 MA15, MA140	1
60	30334582	NUT - LOCK 1/4"-20 NC NYLON INSERT	1
61	98425437	HOSE -AIR/WATER 1/2" ID 200 PSI BLACK	43 FT
62	30389226	HOSE - WATER, 1"	16 FT

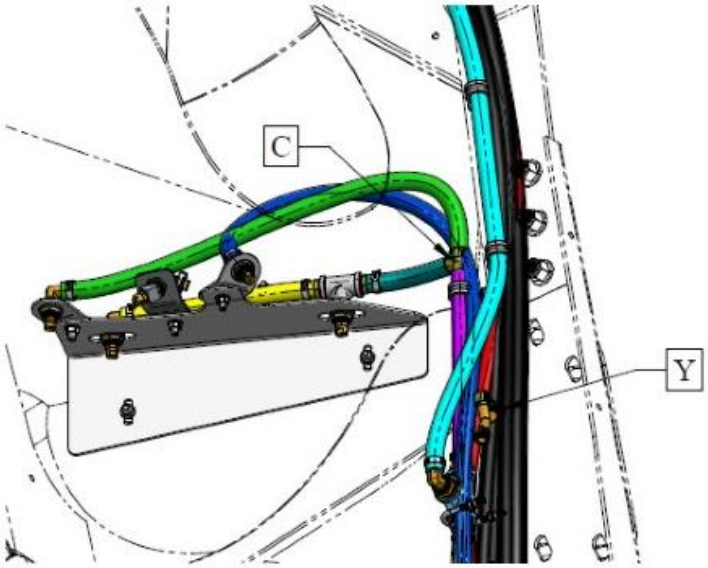
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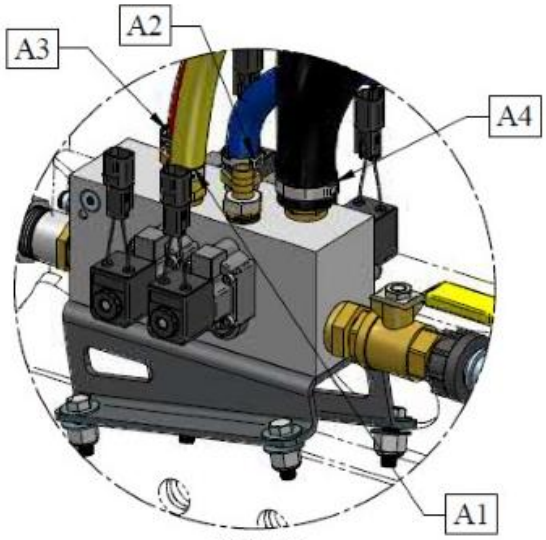


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	05	01/24/23



	98443453	
	05	01/24/23



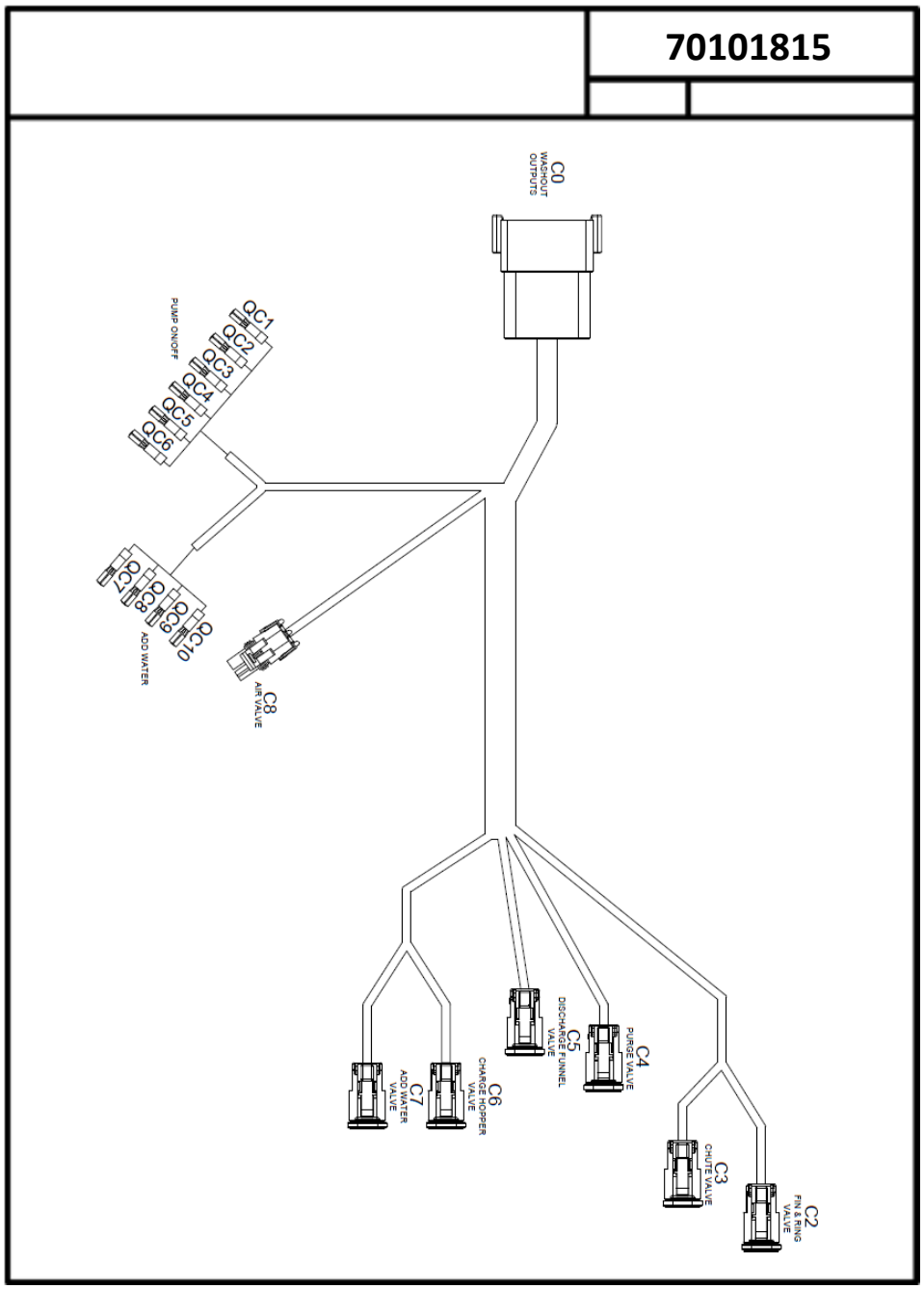


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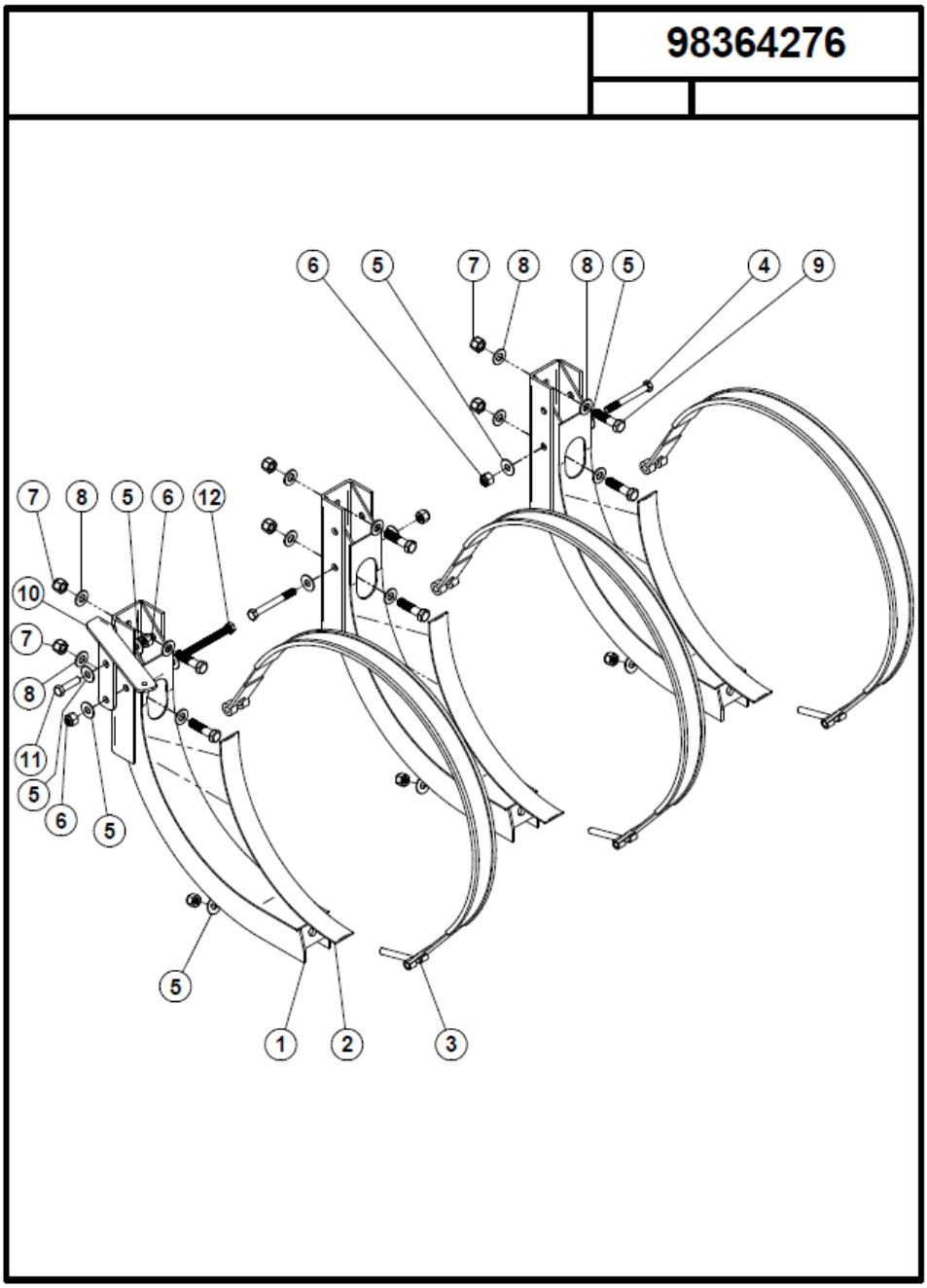
5.2.3.1 98443453 - ROUTING

PART NO.	FROM	TO	APPROX. LENGTH (IN)	REF. COLOR
98425437	A1	B	55	MUSTARD YELLOW
98425437	B	C	11	PURPLE
98425437	C	D	5	TEAL
98425437	D	E	10	YELLOW
98425437	E	F	7	N/A
98425437	E	U	4.5	N/A
98425437	C	G	23	GREEN
98425437	A2	H	89	BLUE
98425437	B	I	88	LIGHT BLUE
98425437	I	J	4	TAN
98425437	K	K	2	N/A
98425437	K	L	7	N/A
98425437	K	V	5	N/A
98425437	I	M	10	YELLOW
98425437	H	K	26	ORANGE
98425437	A3	X	91	RED
98425437	X	Y	38	N/A
98425437	Q	X	94	N/A
98425437	Y	R	28	N/A
98425437	Y	W	18	N/A
98425437	R	S	6	N/A
30389226	A4	T	192	BLACK
70100766	W	N	13	N/A
70100766	N	O	17	N/A
70100766	O	P	21	N/A
70100766	P	Q	13	N/A

5.2.4 70101815 – HRN, WASHOUT SYSTEM



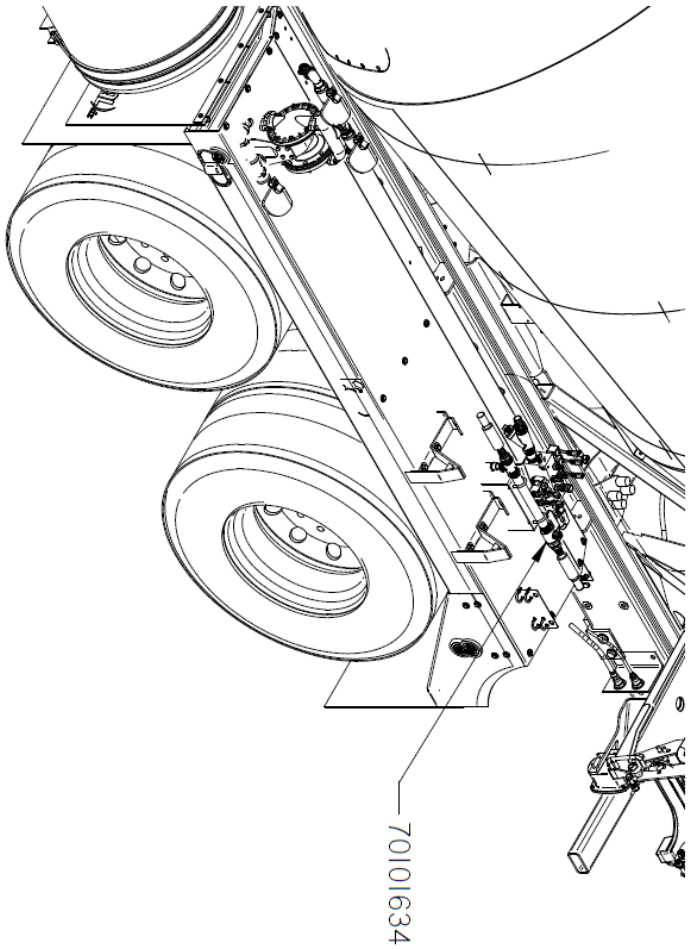
5.3 98364276 – ASSY, SIDE MOUNT 150 & 125



ITEM	PART NO.	DESCRIPTION	QTY
1	30386535	WATER TANK BKT - SIDE MOUNT (STD)	3
2	30312555	PARTS - RUBBER 2"X1/8"RUBBER 65-76 DUROM	3
3	30386355	PARTS - 26" DIA. WATER TANK STRAP	3
4	30320750	HHCS 1/2"- 13 NC X 4 1/2" LG GRADE 5	2
5	30302126	WASHER - FLAT, 1/2" ZINC FINISH USS	11
6	30307220	NUT - LOCK, 1/2"-13 NC NYLON	7
7	98394255	NUT - NYLON LOCK, 5/8-11UNC - GR 5 - ZP	6
8	98394254	WASHER - FLAT, 5/8" (1-3/4" O.D.)	12
9	70102095	SCREW - 5/8"-11 NC X 2 1/5" LG GR.8 HHCS	6
10	70102446	PLT – WATER TANK, ANTI-ROTATE	1
11	70100624	HHCS, 1/2”-13 X 2”	1
12	70101119	HHCS, 1/2”-13 X 5”	1

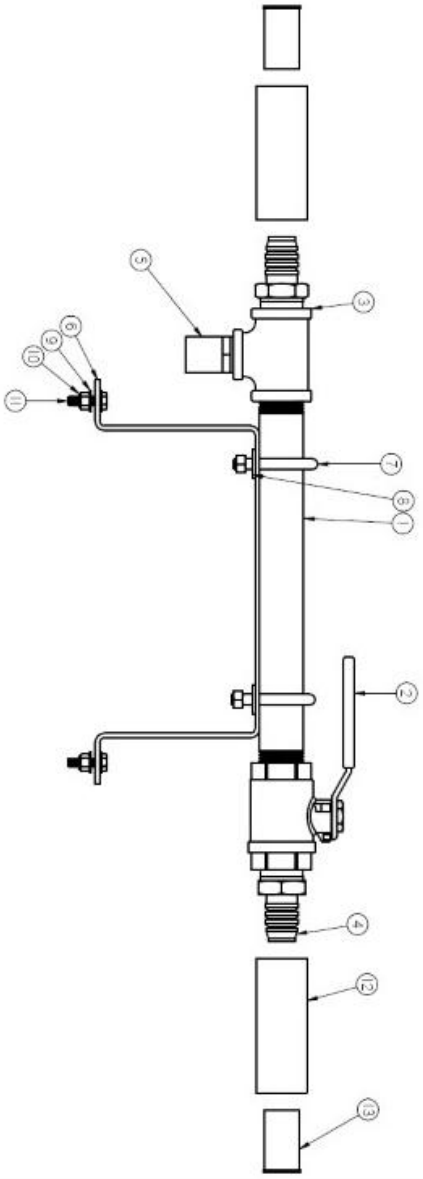
5.4 70101634 – ASSY, BYPASS

	70101634	
	00	12/11/23



*Located on Street Side Fender

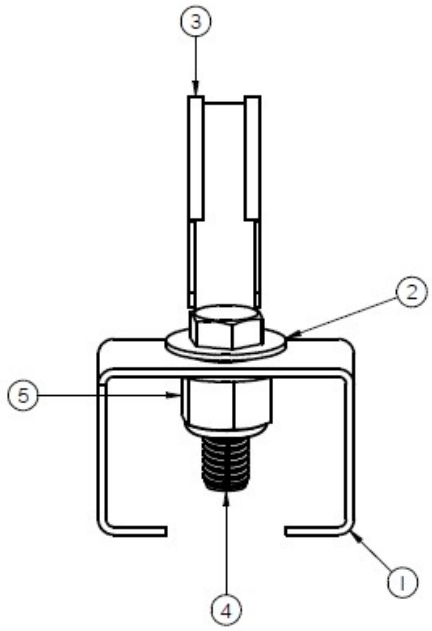
	70101634	
	00	12/11/23



ITEM	PART NO.	DESCRIPTION	QTY
1	70101631	1" X 12 PIPE NIPPLE, GALV	1
2	30315395	1 IN BRASS BALL VALVE	1
3	70101629	1" INLINE REDUCING TEE, GALV	1
4	30389225	1" NPT X 1" HOSE BARB	2
5	30309420	FITTING - WATER, COUPLING 3/4" MNPT-MGHT	1
6	70101633	PLT, BYPASS	1
7	70101632	U-BOLT,5/16"-18 X1 3/8" ID, ZP	2
8	30302128	WASHER - FLAT, 5/16"	4
9	30303735	WASHER, FLAT, 1/4" USS, ZP	8
10	30391374	NUT - 1/4 -20 NC NYLOCK	4
11	30302132	SCREW, HHCS, 1/4-20 X 1.00" GR 5 FE/ZN	4
12	30389226	HOSE - WATER, 1"	0.66 FT
13	70101630	1" HOSE PLUG	2

5.5 70101641 – ASSY, HOSE SUPPORT

	70101641	
	00	12/15/23

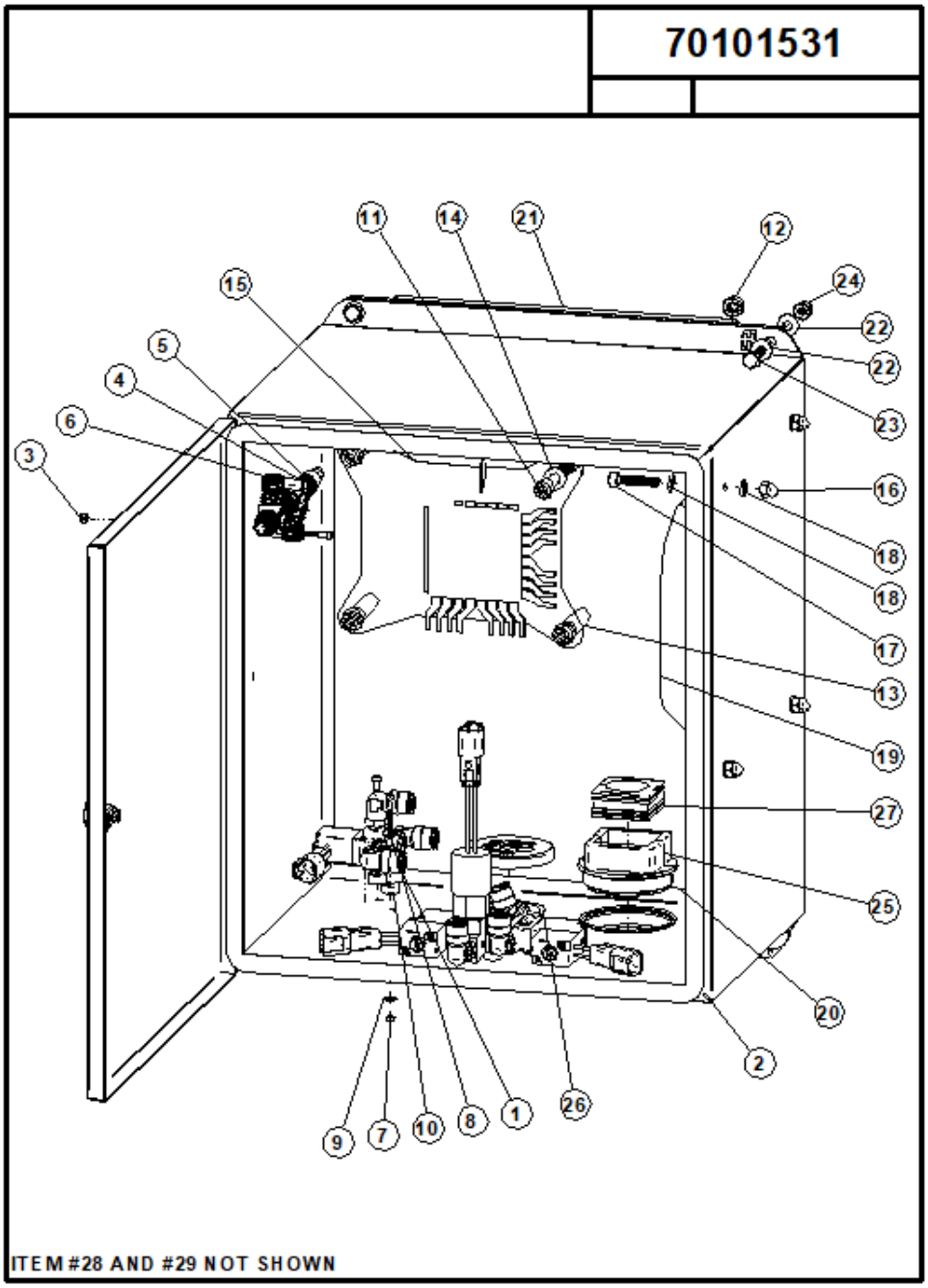


ITEM	PART NO.	DESCRIPTION	QTY
1	70100889	PLATE - HOSE STAND OFF BRACKET	1
2	30302130	WASHER, FLAT,3/8, ZP	2
3	30389305	STRAP, 1" WATER HOSE (1 1/2" O.D. HOSE)	1
4	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	1
5	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	1

6 CONTROLS/ELECTRICAL

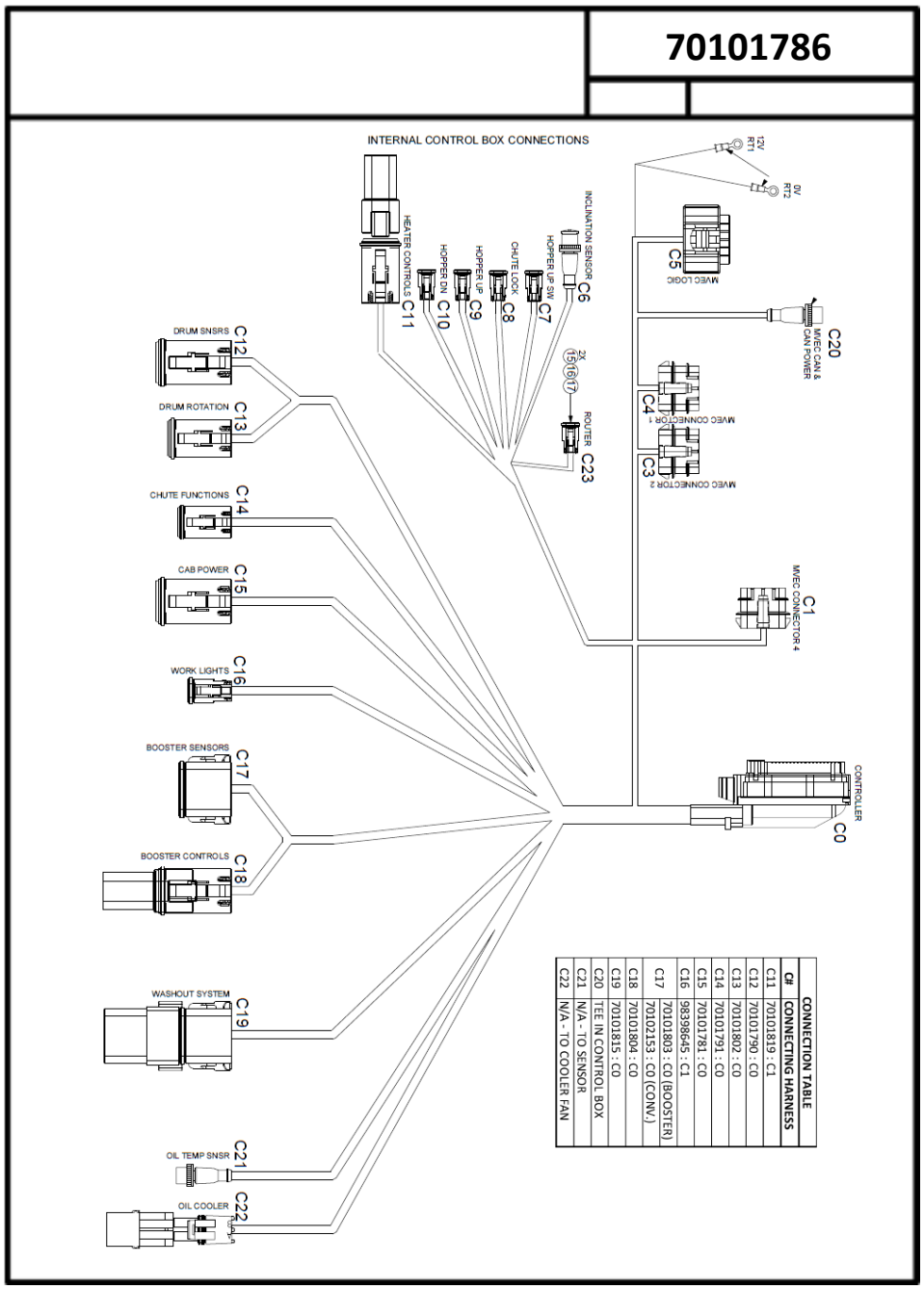
6.1 70101531 – ASSY, ENCL,RESULTS 6-98
6.1.1 70101786 – HRN CONTROL BOX 6-100
6.1.2 70101798 – HRN, PDM BATTERY 6-101
6.2 98404767 – ASSY, MIXER REAR WORK LIGHT 6-102
6.2.1 98425253 – HARNESS WORK LIGHTS REAR 6-103
6.3 70102370 – ASSY, ARMREST, PACCAR 6-104
6.3.1 70101783 – HRN, ARMREST 6-106
6.4 70102462 – IN CAB ELECTRICAL GROUP, 14YD 6-107
6.4.1 70102461 – ASSY, DISPLAY MOUNT PB 6-110
6.4.2 70101887 – HRN, CAMERA REAR 6-112
6.4.3 70101775 – HRN, DISPLAY 6-113
6.4.4 70101781 – HRN, THROUGH-CAB, PWR 6-114
6.4.5 70101782 – HRN, THROUGH-CAB, CAMERAS 6-115
6.4.6 70101824 – HRN, TRUCK CAN PB/KW 250KBAUD 6-116
6.4.7 70101826 – HRN, RP1226 PB/KW/FL/WS 6-117

6.1 70101531 – ASSY, ENCL,RESULTS

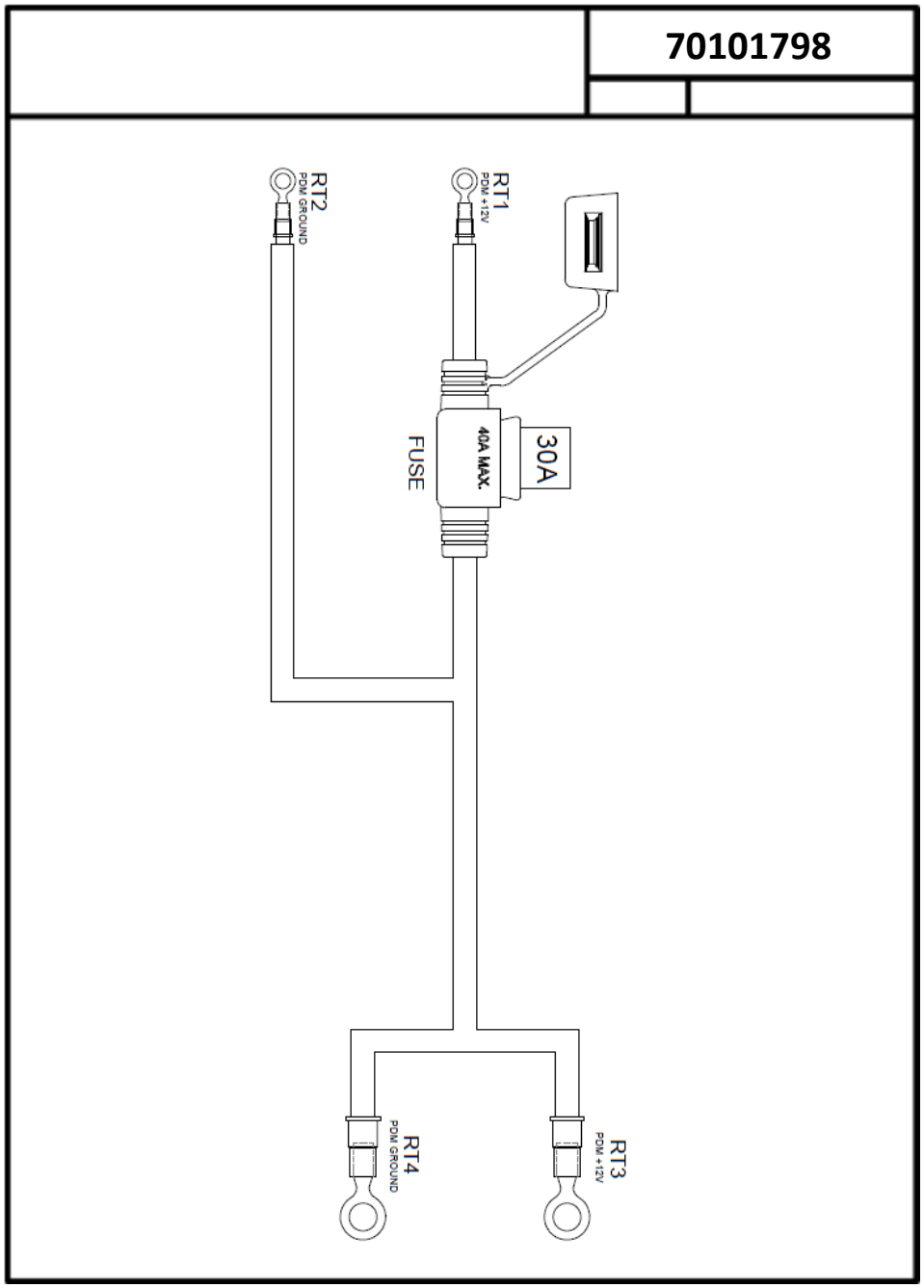


ITEM	PART NO.	DESCRIPTION	QTY
1	98402032	ASSY CHUTE LOCK VALVE	1
2	70101918	ENCL, 16X14X10, MOD	1
3	70101863	NUT, NYLOCK, M3-0.5	2
4	70101862	SHCS, M3-0.5 X 25 MM	2
5	70101735	PLG, M12, 120 Ω	1
6	70101742	M12 TEE, 2XFML, 1XML, 5POS	2
7	10001229	NUT DIN 934 M3	2
8	98404573	SCREW DIN 912 M3X25	2
9	10145911	SCREW RETAINER SKM 4-GT320	2
10	98404560	BUSHING UNTHREADED SPACER, NYLON	2
11	70101860	SHCS, M8-1.25 X 65MM, SS	4
12	70101916	NUT, M8-1.25,YZ	4
13	70101915	SPCR, .318IDX4.69ODX1.5”L, AL	4
14	70101861	WASHER, M8, 16MMOD X 1.6MMTHK	4
15	70101901	MVEC,16FUSE,4RELAY	1
16	70101849	NUT, ACORN, M6-1.0	4
17	70101848	HHCS, M6-1.0 X 30MM, BLK OX	4
18	70101847	WASHER, M6, 12MMODX1.6MMTHK	8
19	70101833	PLC, ECOMAT, 60I/O	1
20	70102012	PLT – CONTROL BOX BACKING PLT	1
21	70102011	WLDT – CONTROL BOX MNT	1
22	30303735	WASHER, FLAT, 1/4” USS, ZP	8
23	30302132	SCREW, HHCS, 1/4”-20 X 1.00” GR 5	4
24	30334582	NUT – LOCK 1/4”-20 NYLON	4
25	70102020	SPLIT CABLE GLAND	1
26	70102021	GROMMET, 8 CABLE ENTRY	1
27	70102167	SPLT CBLE GLAND, 31-32 MM CLAMP	1
28	70101786	HRN, CONTROL BOX	1
29	70101798	HRN, PDM BATTERY	1

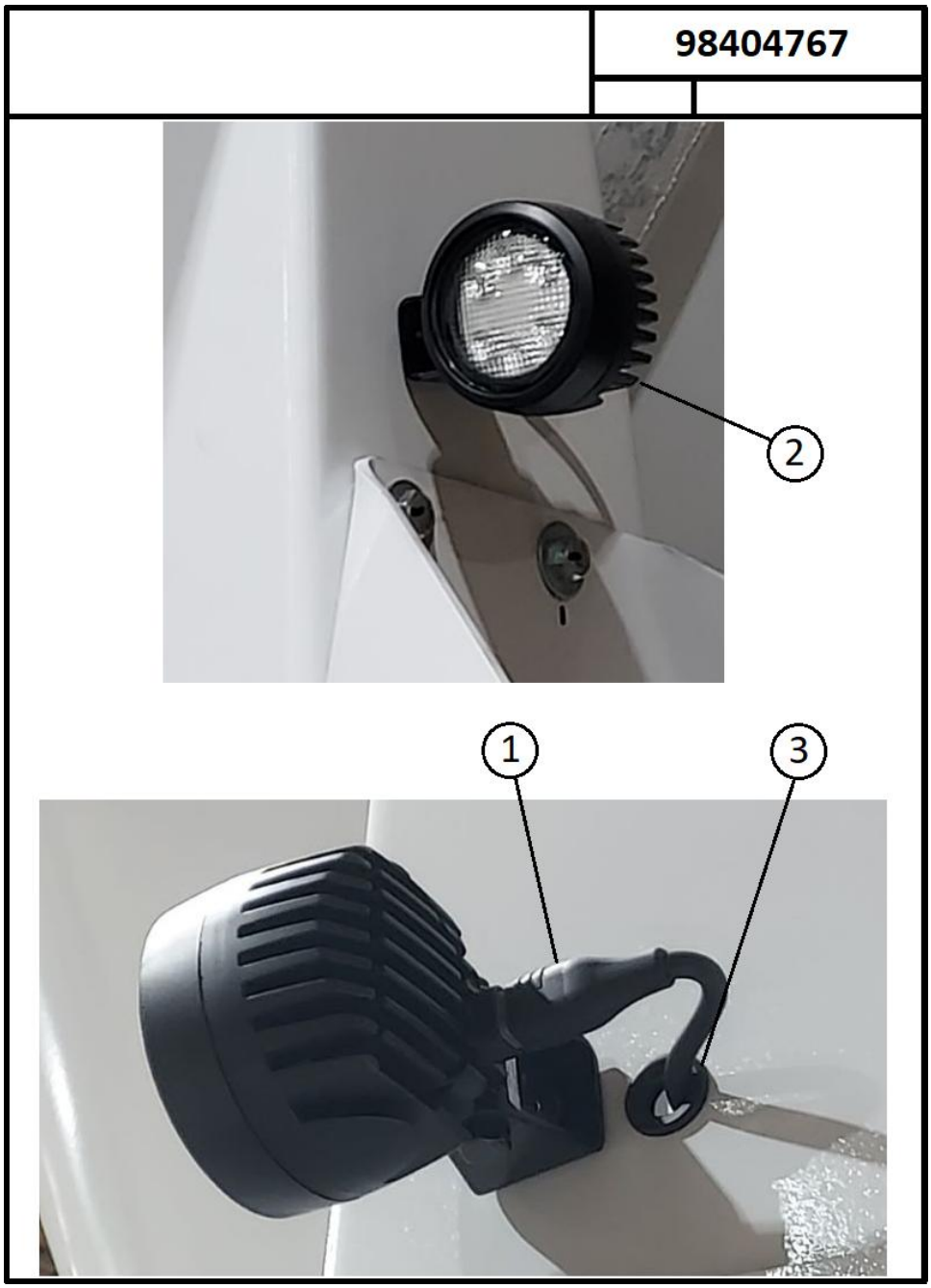
6.1.1 70101786 – HRN CONTROL BOX



6.1.2 70101798 – HRN, PDM BATTERY

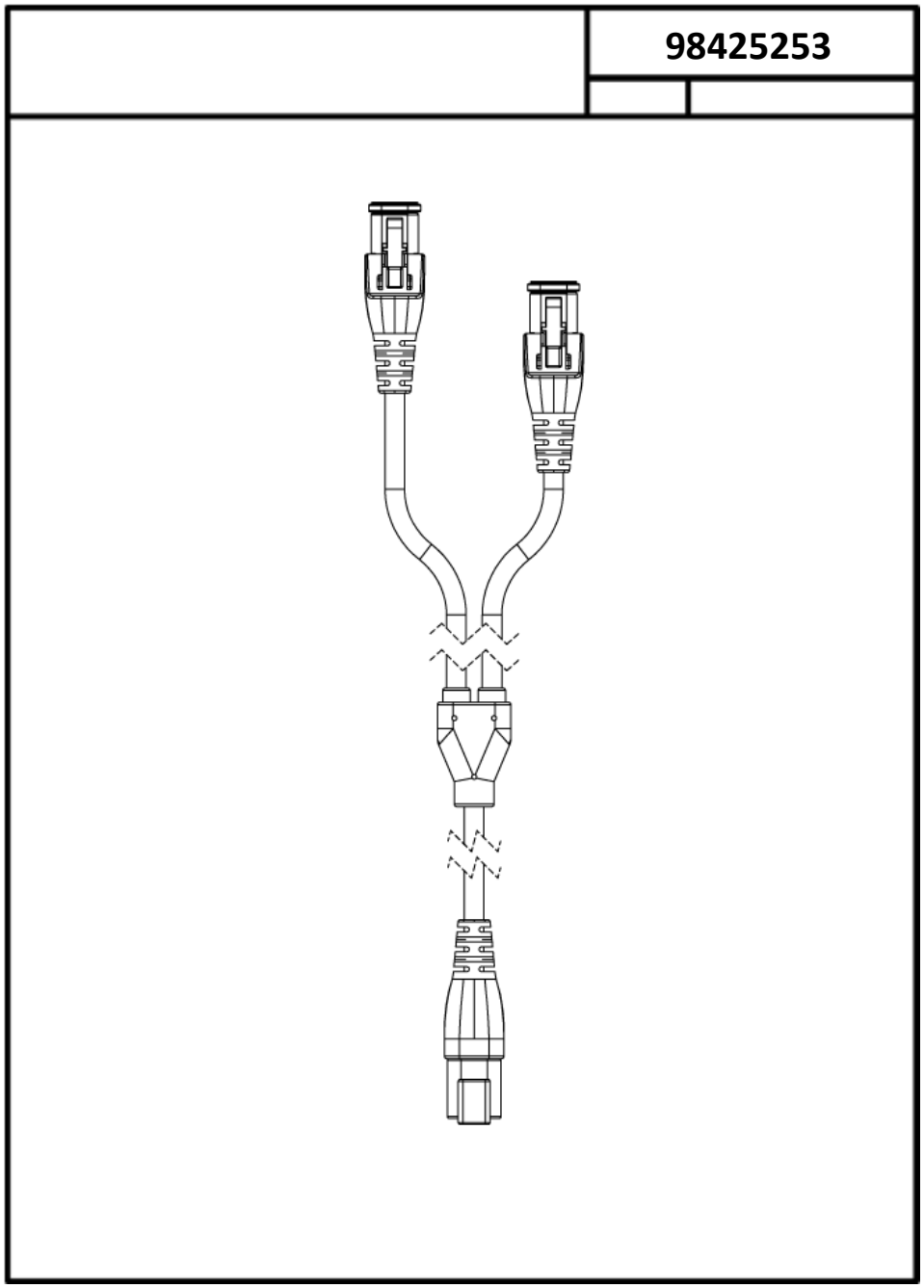


6.2 98404767 – ASSY, MIXER REAR WORK LIGHT

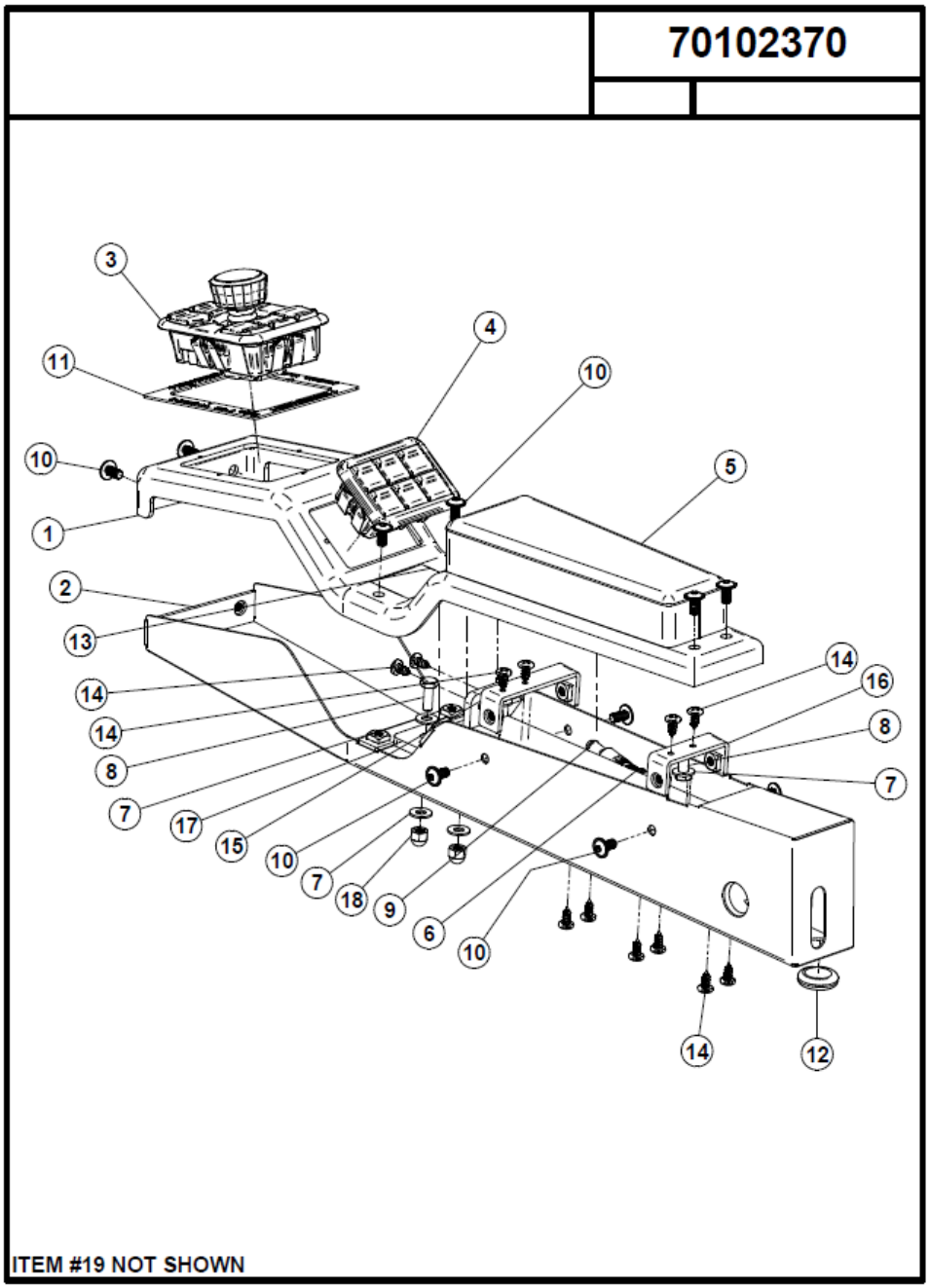


ITEM	PART NO.	DESCRIPTION	QTY
1	98425253	HARNESS WORK LIGHTS REAR	1
2	98388565	LIGHT LED WORKLIGHT 10-48V/12W	2
3	30389998	GUARD - RUBBER 9/16 GROMMET	2

6.2.1 98425253 – HARNESS WORK LIGHTS REAR

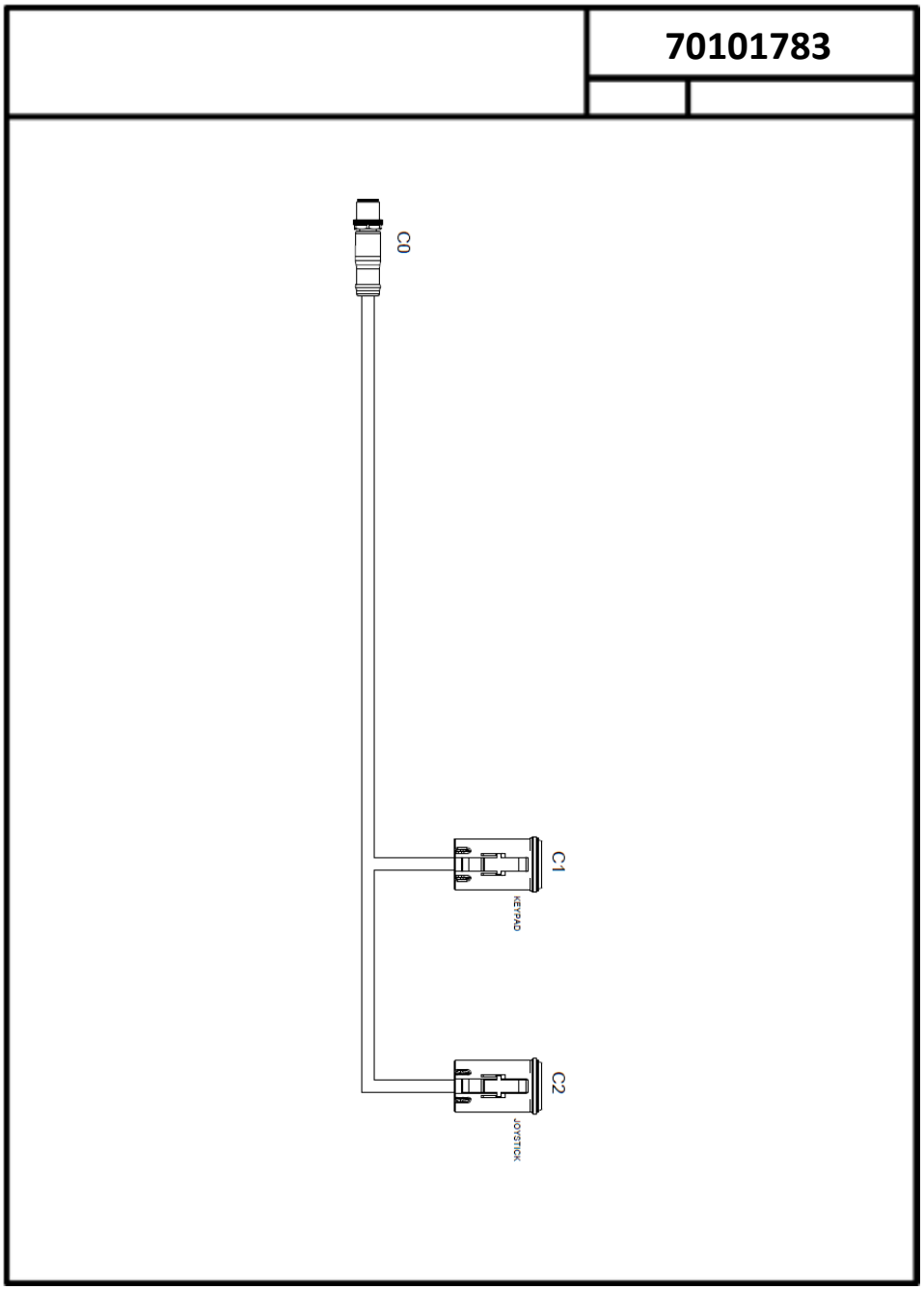


6.3 70102370 – ASSY, ARMREST, PACCAR



ITEM	PART NO.	DESCRIPTION	QTY
1	70102222	ARMREST CAP	1
2	70102371	WLDT – ARMREST	1
3	70101898	JOYSTICK, 4DOF, 6BTN, J1939	1
4	70101899	KEYPAD, 6BTN, J1939	1
5	70102283	ARMREST PAD	1
6	70101742	M12 TEE, 2XFML., 1XML, 5POS	1
7	30303735	WASHER, FLAT 1/4”	5
8	70100966	HHCS, 1/4”-20 X 0.75	4
9	70101912	RCP, M12, 120 OHM	1
10	70102286	BHCS, 1/4”-20 X 1/2”	10
11	70102287	DECAL, JOYSTICK	1
12	70102285	GROMMET, ARMREST	1
13	70102288	DECAL, JOYSTICK KNOB	1
14	70102378	PHS, #12 X 1/2” THREAD FORMING	12
15	70102379	WLDT, ARMREST, PACCAR FRONT MNT	1
16	70102380	WLDT, ARMREST, PACCAR REAR MNT	1
17	70102469	PLT – ARMREST SUPPORT	1
18	70102470	NUT, 1/4”-20 CAP	2
19	70101783	HRN, ARMREST	1

6.3.1 70101783 – HRN, ARMREST

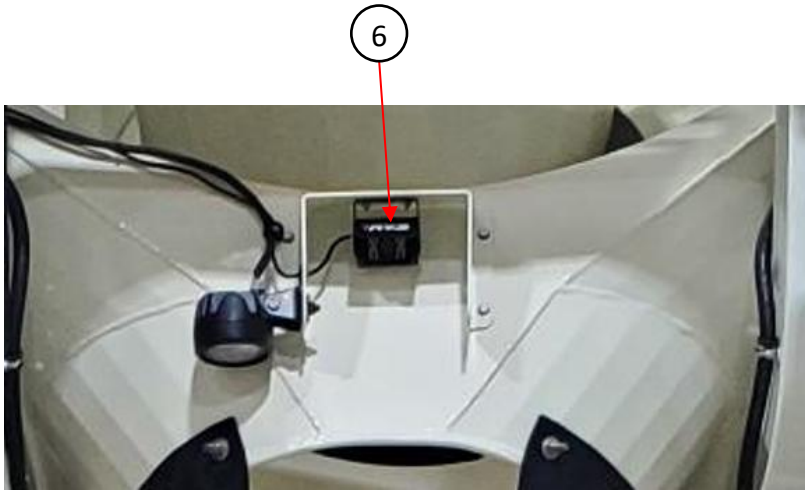


6.4 70102462 – IN CAB ELECTRICAL GROUP, 14YD

	70102462



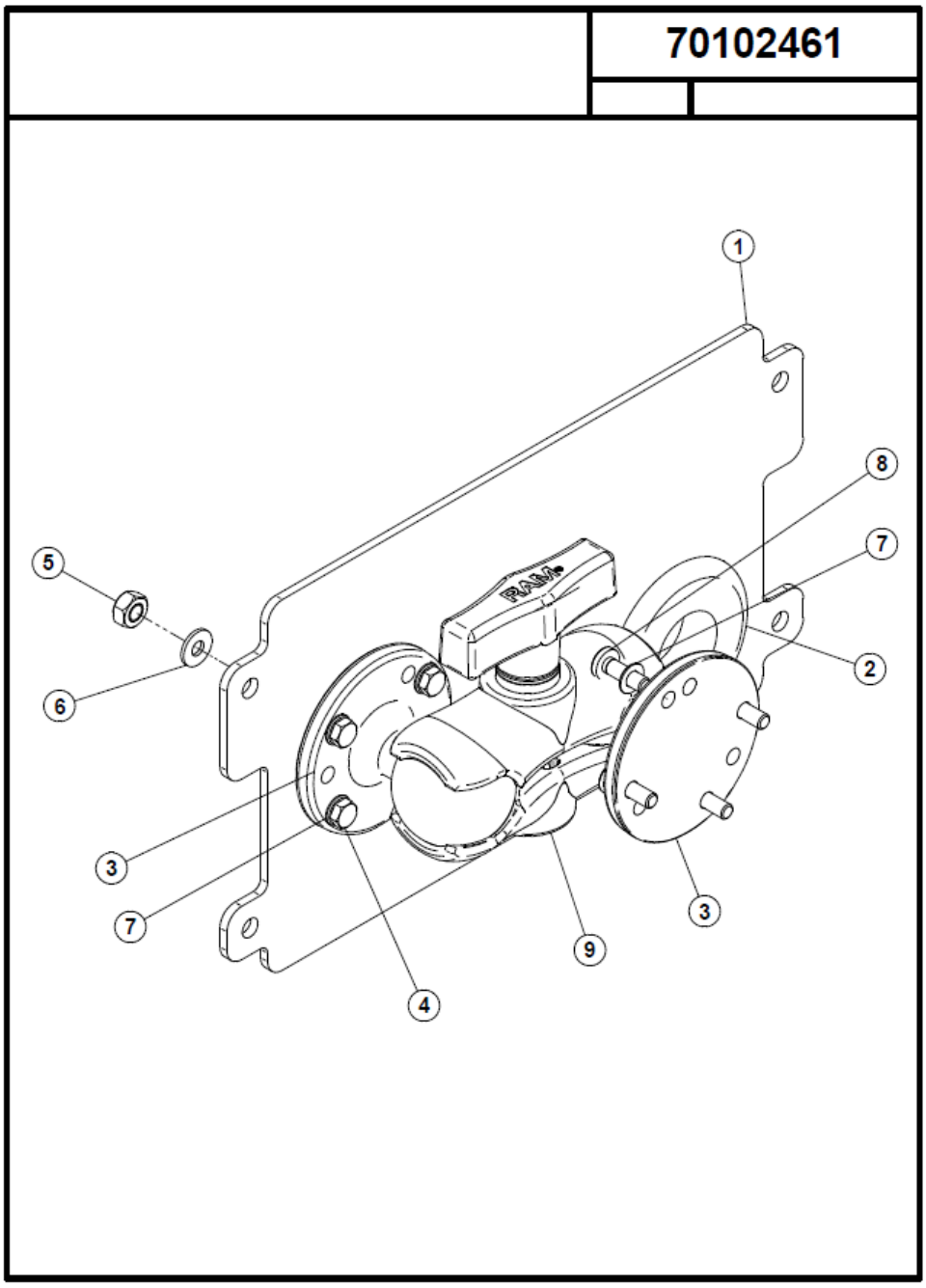
	98404870



ITEM	PART NO.	DESCRIPTION	QTY
1	70101775	HRN, DISPLAY	1
2	70101807	DSPLY, 7"TOUCH, 4CANX2ETHX2USB	1
3	70101781	HRN, THROUGH-CAB, PWR	1
4	70101782	HRN,THROUGH-CAB, CAMERAS	1
5	70101826	HRN, RP1226 PB/KW/FL/WS	1
6	98404870	ASSY, MIXER REAR VIEW CAMER	1
7	70101887	HRN, CAMERA, REAR	1
8	70102171	CBL, RJ45 X 90°M12,D-CODE,0.5M	1
9	70101767	CBL, 2X 90°M12, 5M	1
10	70101742	M12 TEE, 2XFML, 1XML, 5POS	1
11	70101912	RCP, M12, 120 OHM	1
12	70102152	CLB, M12F X M12M, 5C, 5M	1
13	70102461	ASSY, DISPLAY MOUNT PB	1
14	70102459	PLT, USB/ETHERNET MOUNT	1
15	70101765	COUPLER, RJ45, BLKHD, W CAP	1
16	70101704	CBL, M12 X USB, 90°, 1.5M	1
17*	70101824	HRN, TRUCK CAN PB/KW. 250KBAUD	1

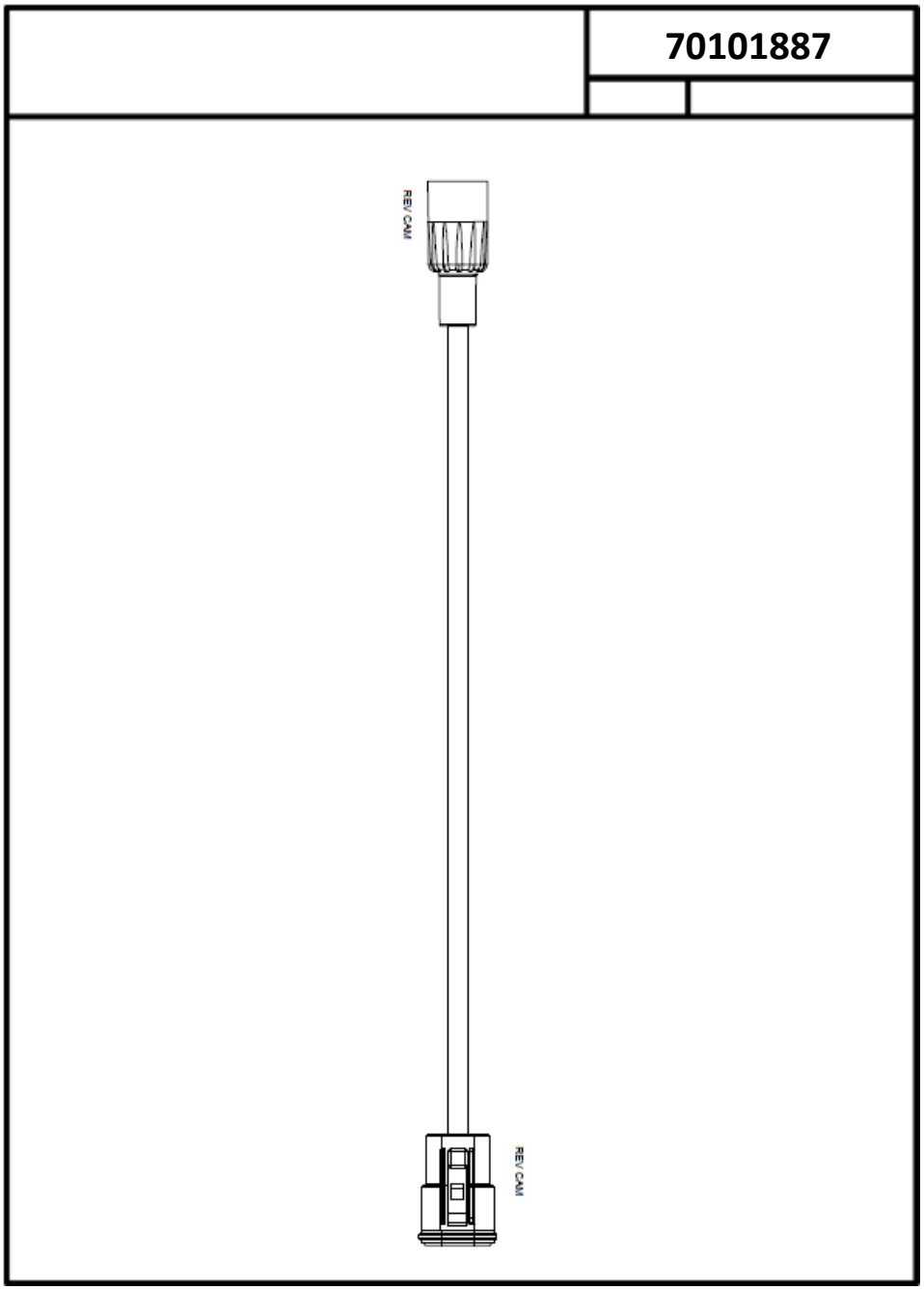
*ITEM NOT SHOWN

6.4.1 70102461 – ASSY, DISPLAY MOUNT PB

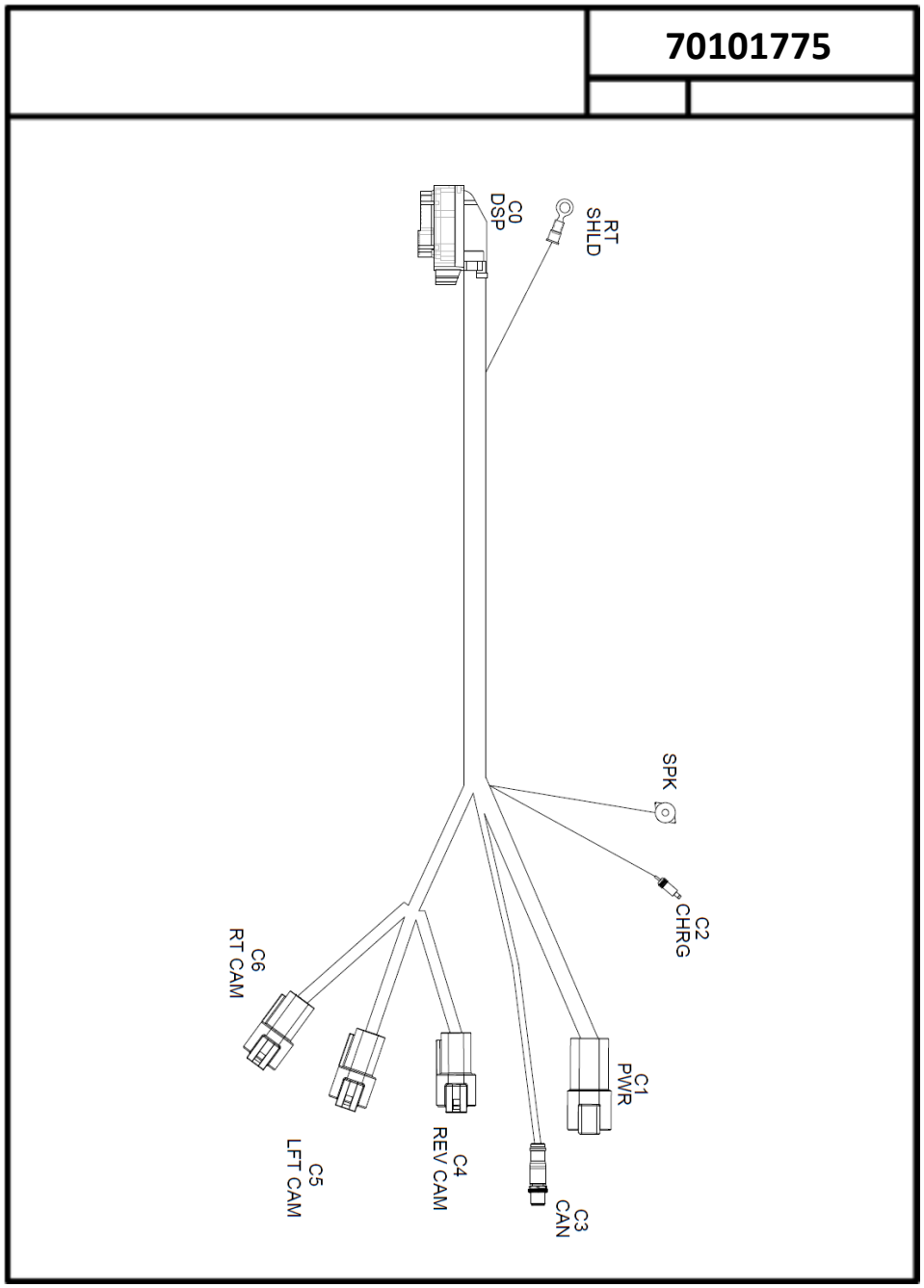


ITEM	PART NO.	DESCRIPTION	QTY
1	70102459	PLT, DISPLAY MOUNT	1
2	70100494	Grommet, 1-7/8"OD X 3/16" X 1" ID	1
3	98396568	MOUNT, RAM BALL	2
4	10001742	SCREWISO 4017 M 5 X 20-8.8-V	4
5	10001237	NUT ISO 4032 M 5-8-VZD	4
6	10145912	SCREW RETAINER SKM 5-GT320	4
7	98432854	WASHERDIN 125 B 5.3-140HV-A2C	8
8	98402034	SCREWISO 4017 M 5 X 1-8.8-V	4
9	70102406	RAM MOUNT – 2.5” SIZE C	1

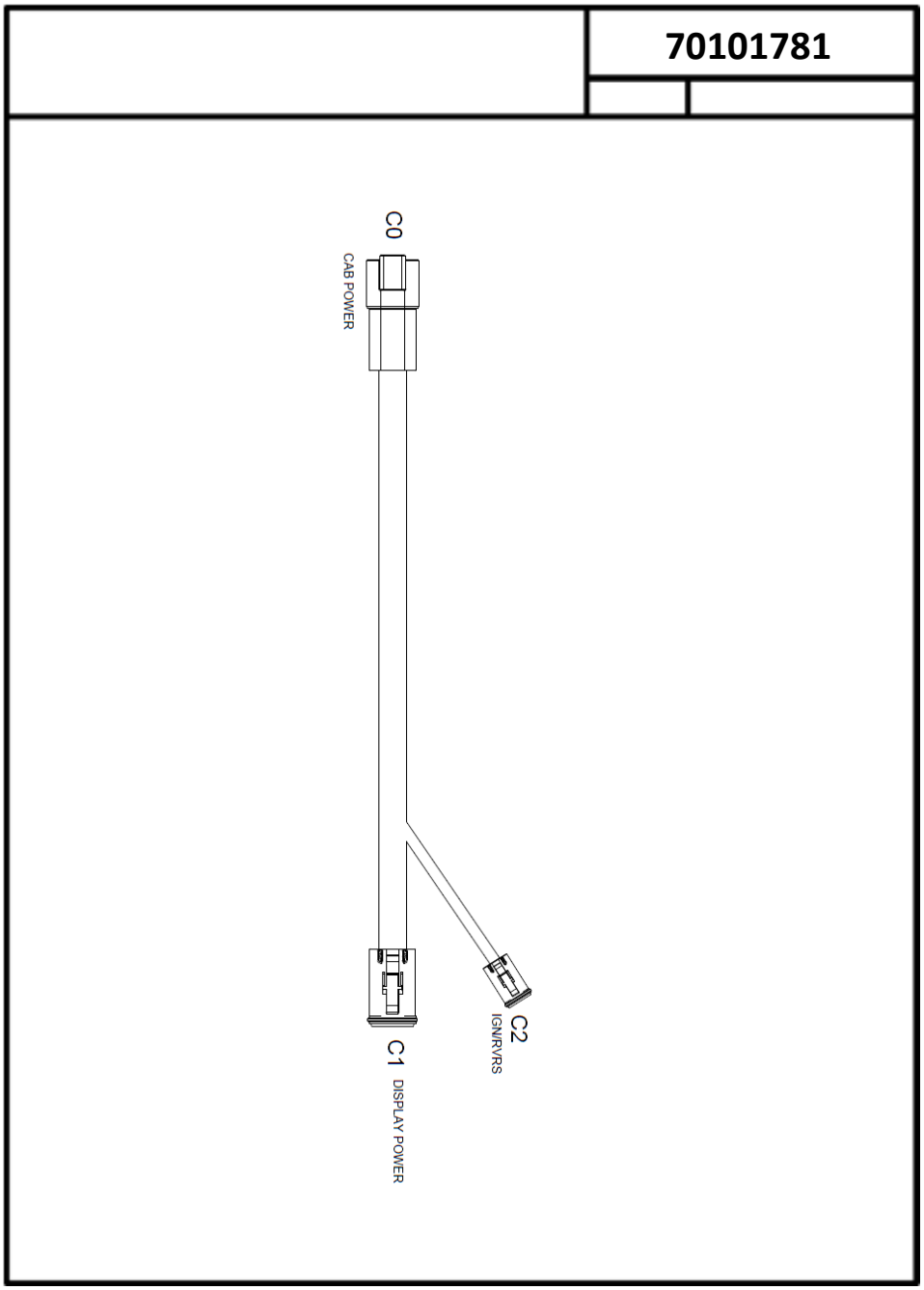
6.4.2 70101887 – HRN, CAMERA REAR



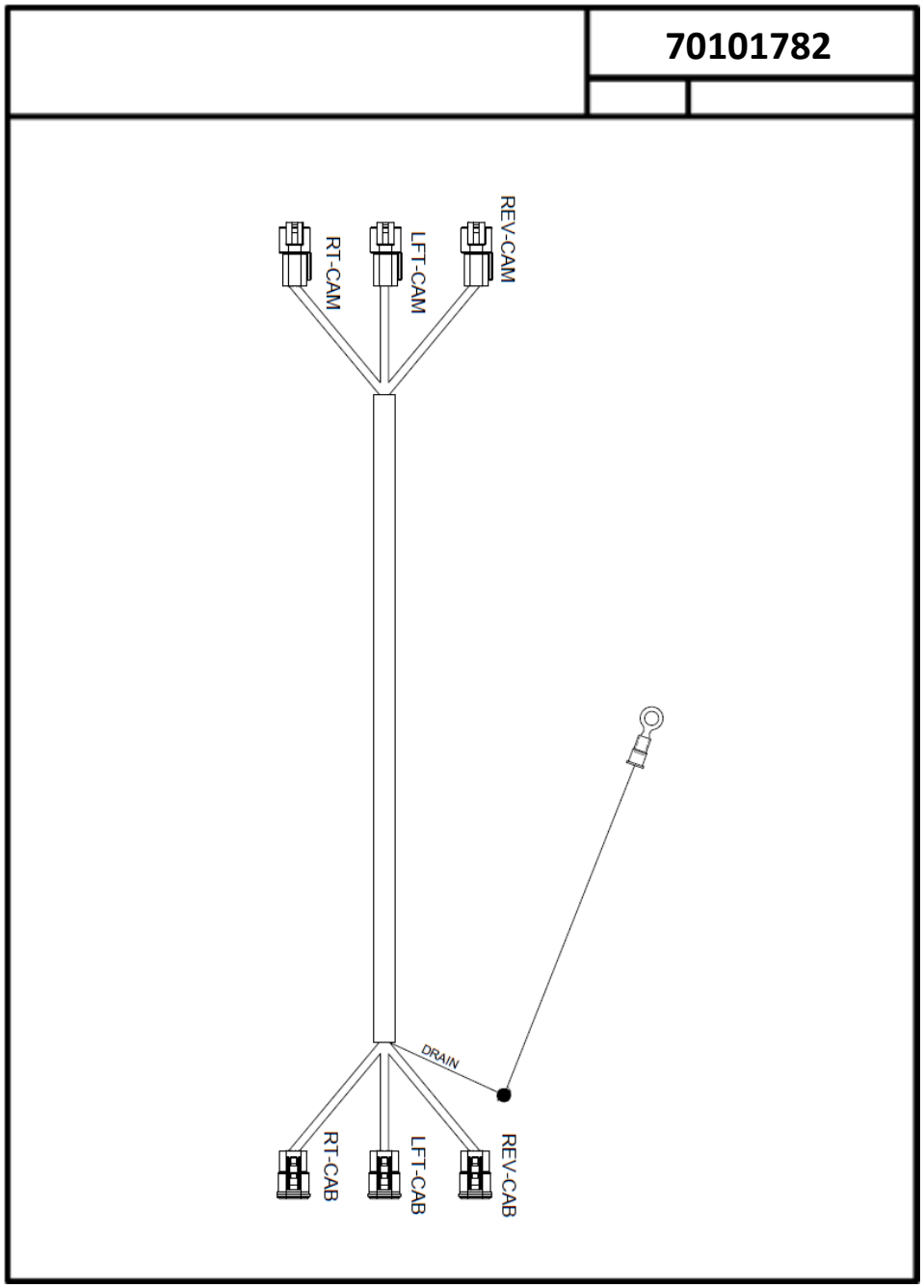
6.4.3 70101775 – HRN, DISPLAY



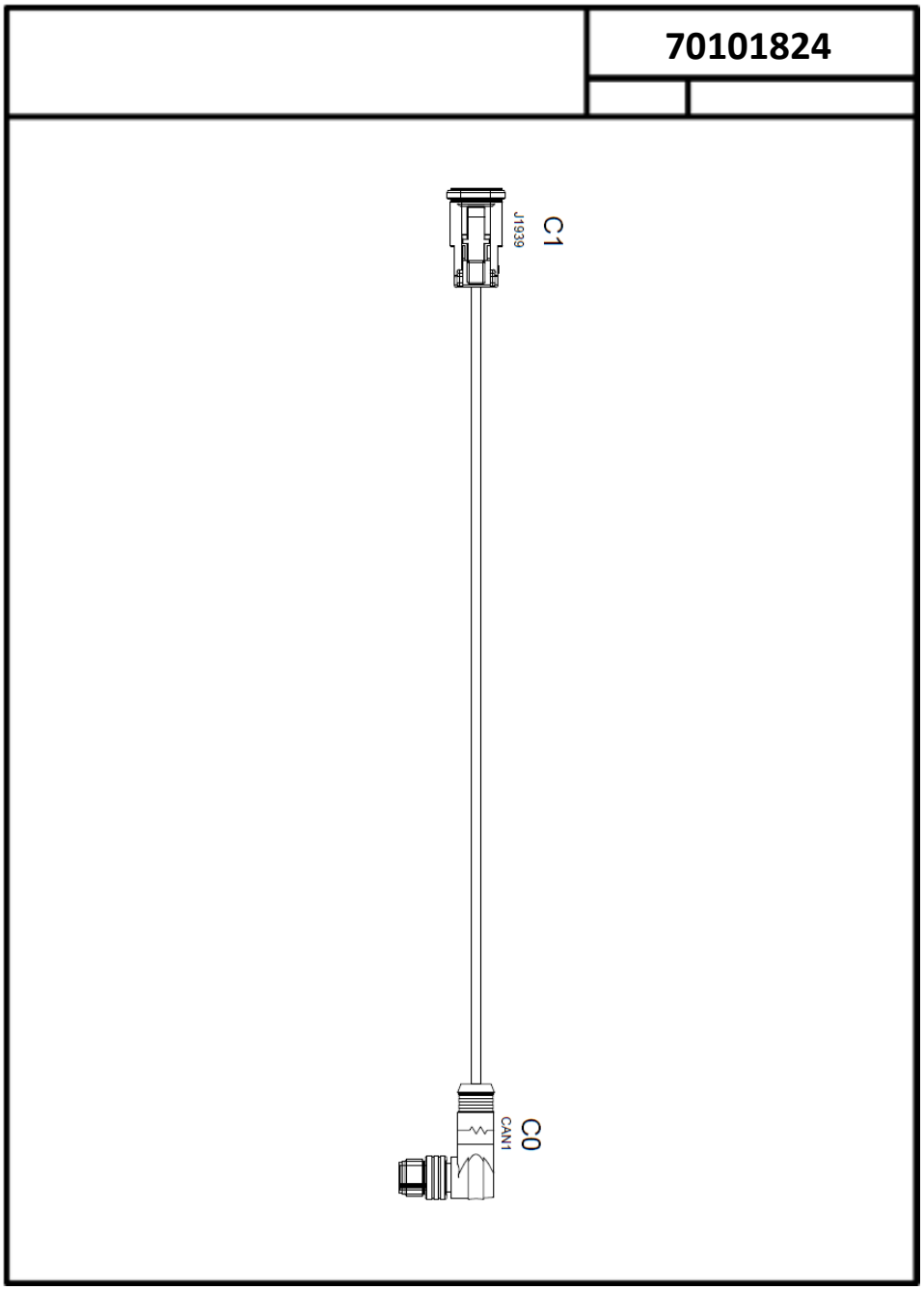
6.4.4 70101781 – HRN, THROUGH-CAB, PWR



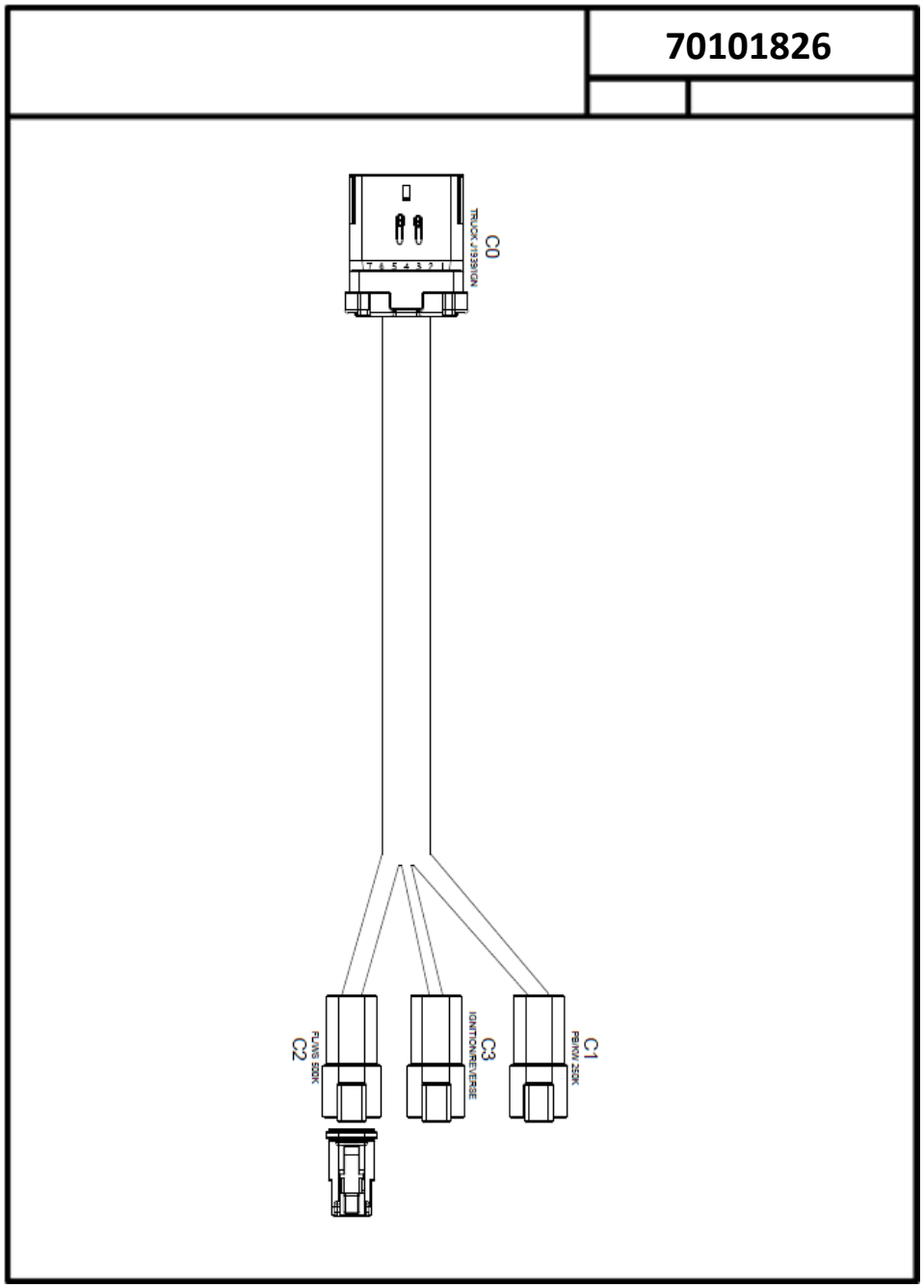
6.4.5 70101782 – HRN, THROUGH-CAB, CAMERAS



6.4.6 70101824 – HRN, TRUCK CAN PB/KW 250KBAUD



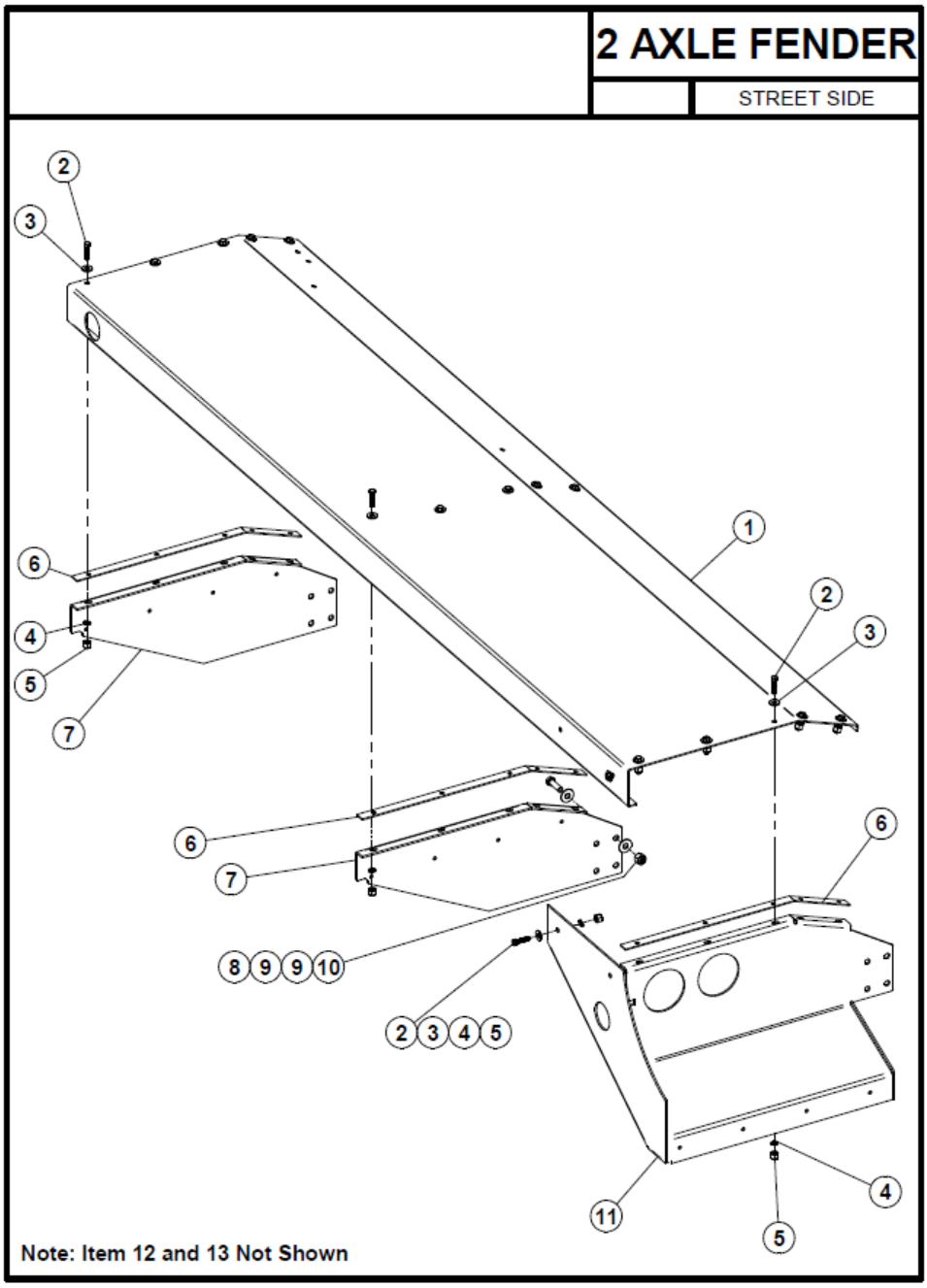
6.4.7 70101826 – HRN, RP1226 PB/KW/FL/WS



7 FENDERS

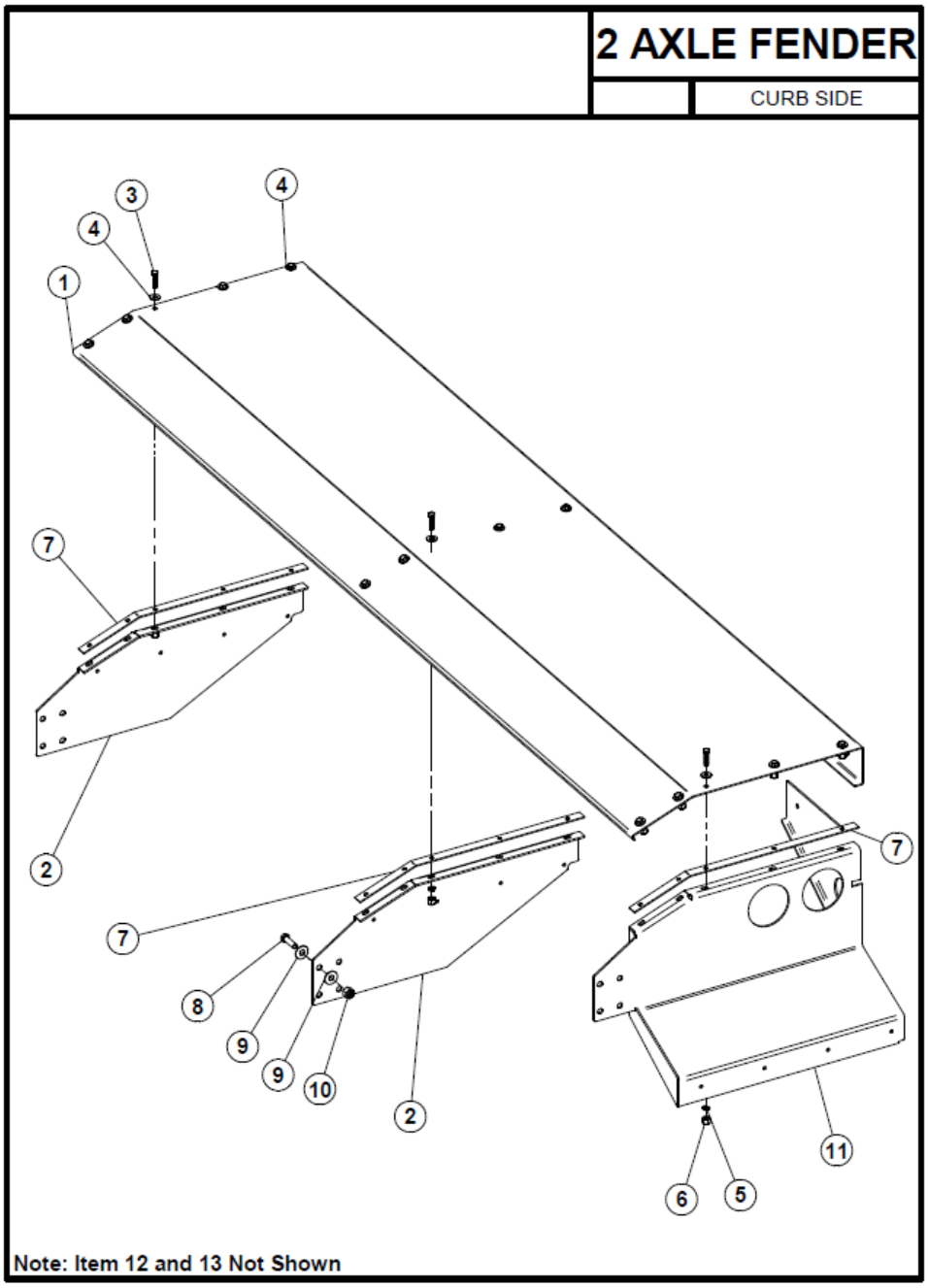
7.1 2 AXLE FENDER – STREET SIDE 7-119
7.2 2 AXLE FENDER – CURB SIDE 7-121
7.3 ASSY – FENDER LIGHT LED..... 7-125
7.4 98386984 - ASSY POLY FRONT MUD-FLAP..... 7-126
7.5 ASSY SPLASH GUARD POLY..... 7-128
7.6 70102212 – GROUP, REFLECTORS, CANADA REQ. 7-129

7.1 2 AXLE FENDER – STREET SIDE



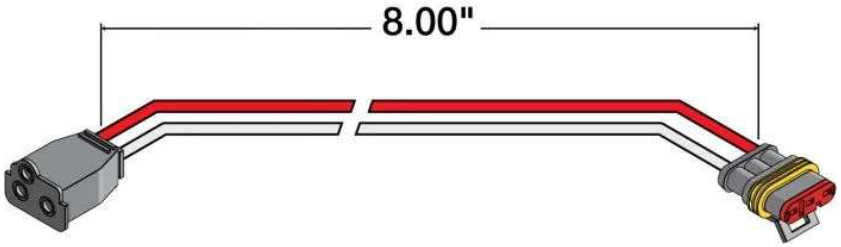
ITEM	PART NO.	DESCRIPTION	QTY
1	30389326	FENDER PLATFORM L.H. (ALUM)	1
2	30348305	HHCS, 3/8”-16 X 1 1/2”	17
3	30389194	WASHER – SPRING 3/8” RUBBER BONDED	17
4	30302568	WASHER – SPLIT LOCK 3/8”	17
5	30389195	NUT, NYLOCK 3/8”-16	17
6	30389282	SPACER, NEOPRENE	6.3 FT
7	70100628	PLATE – FENDER BRACKET SS	2
8	30302655	SCREW 1/2”-13 X 1 3/4	12
9	30302126	WASHER, 9/16” ID X 1 3/8” OD	24
10	30307220	NUT, NYLOCK 1/2”-13	12
11	70100635	WLDT, FENDER BRACKET SS	1
12	98385934	HARNESS 2-WIRE ADAPTER	1
13	30389345	HARN – CONT MARKER LIGHT BOOSTER	1

7.2 2 AXLE FENDER – CURB SIDE

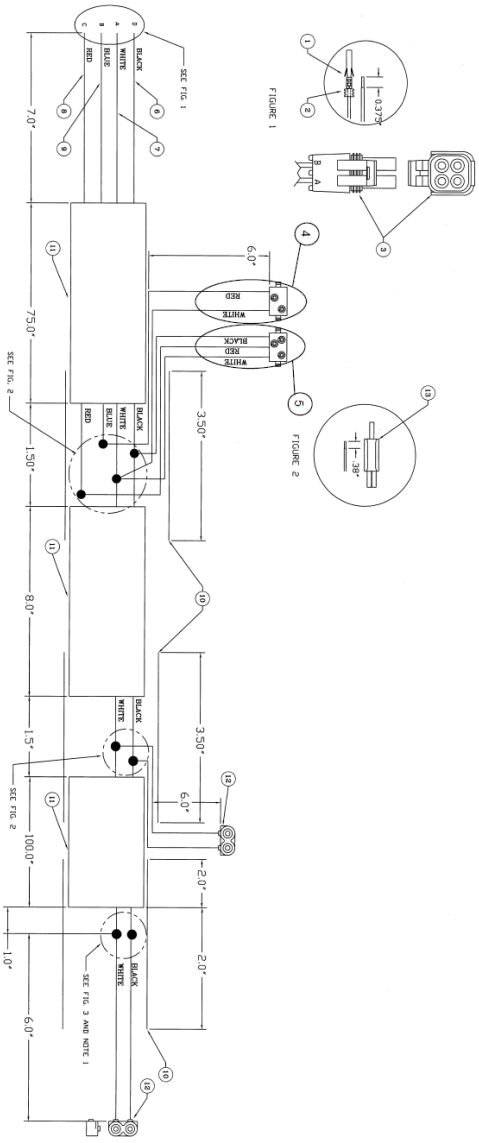


ITEM	PART NO.	DESCRIPTION	QTY
1	30389325	FENDER PLATFORM R.H. (ALUM)	1
2	70100627	PLATE – FENDER BRACKET SS	2
3	30348305	HHCS, 3/8”-16 X 1 1/2”	17
4	30389194	WASHER – SPRING 3/8” RUBBER BONDED	17
5	30302568	WASHER – SPLIT LOCK 3/8”	17
6	30389195	NUT, NYLOCK 3/8”-16	17
7	30389282	SPACER, NEOPRENE	6.3 FT
8	30302655	SCREW 1/2”-13 X 1 3/4	12
9	30302126	WASHER, 9/16” ID X 1 3/8” OD	24
10	30307220	NUT, NYLOCK 1/2”-13	12
11	70100632	WLDT, FENDER BRACKET CS	1
12	98385934	HARNESS 2-WIRE ADAPTER	1
13	30389345	HARN – CONT MARKER LIGHT BOOSTER	1

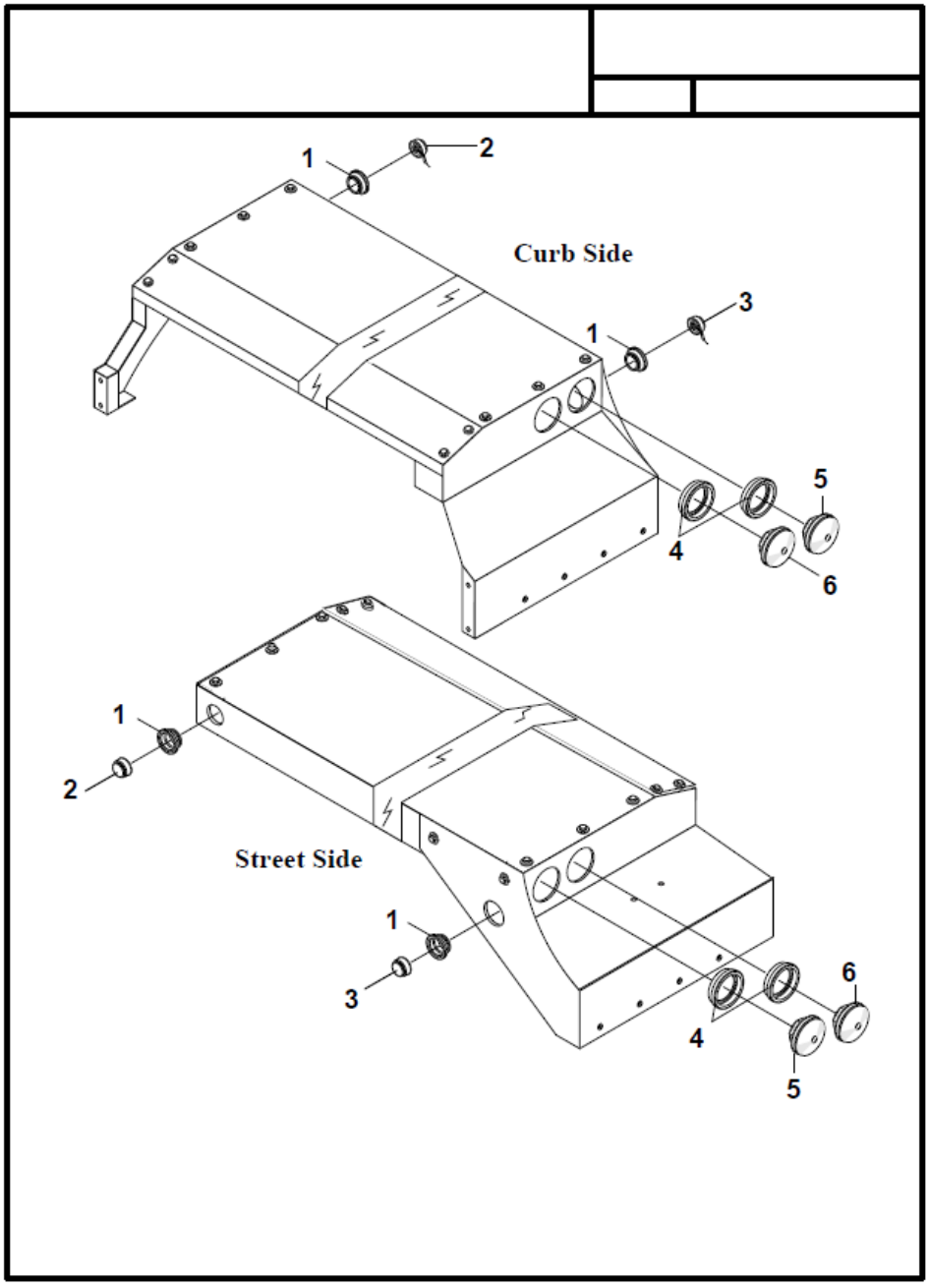
	98385934



	30389345

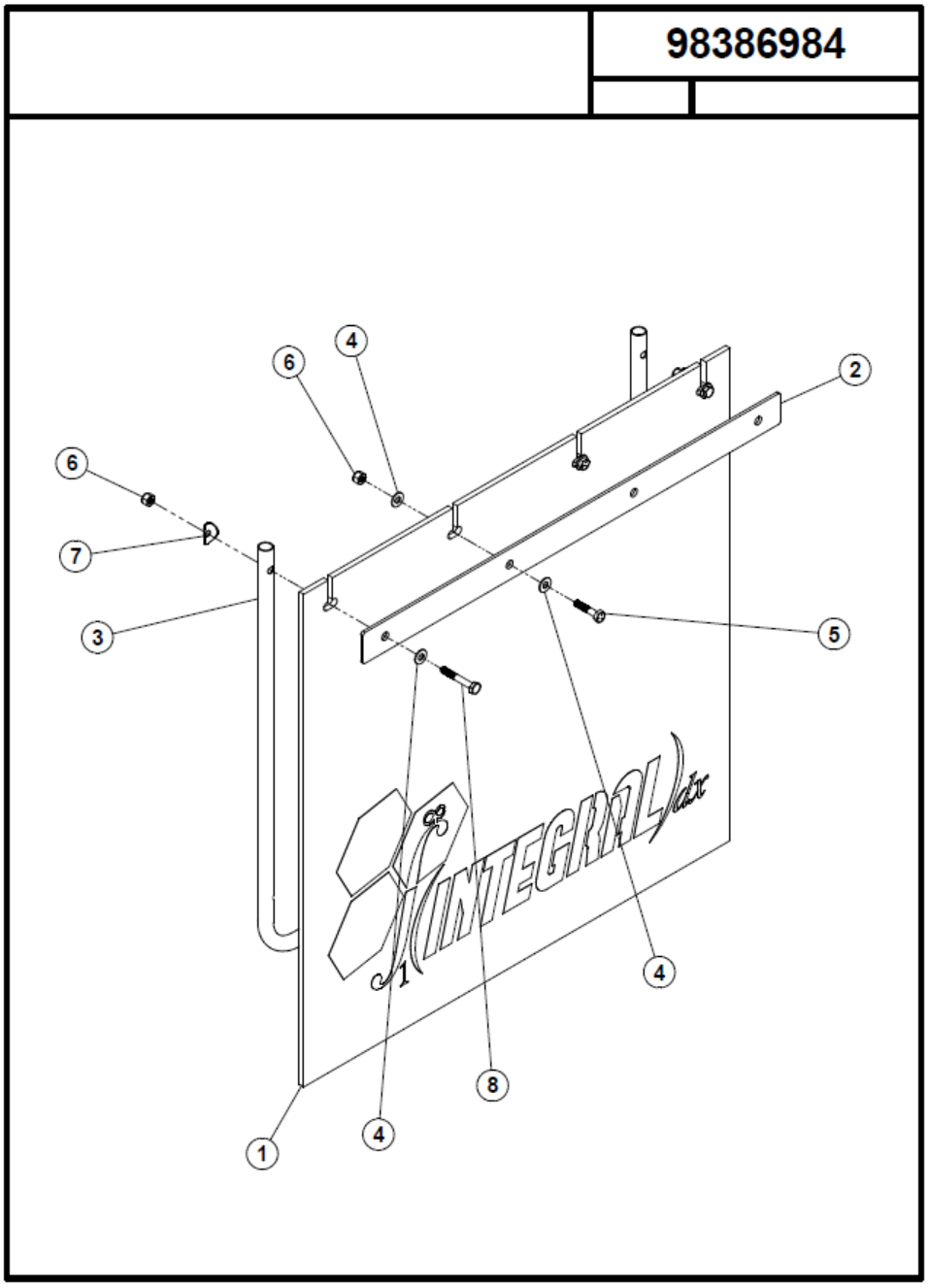

SEE FIG 1
FIGURE 1
FIGURE 2
SEE FIG. 2
SEE FIG. 2
SEE FIG. 3 AND NOTE 1
BLACK
WHITE
BLUE
RED
7.0"
75.0"
1.50"
8.0"
1.5"
100.0"
1.0"
6.0"
3.50"
3.50"
6.0"
2.0"
2.0"
6.0"
.39"

7.3 ASSY – FENDER LIGHT LED



ITEM	PART NO.	DESCRIPTION	QTY
1	30389481	GROMMET 2.5”	4
2	30369466	LIGHT MARKER AMBER 2.5” LED	2
3	30369467	LIHGT MARKER RED 2.5” LED	2
4	30389479	GROMMET 4”	4
5	30389395	TAIL LIGHT LED	2
6	98385935	TAIL LIGHTS REVERSE 4” LED	2

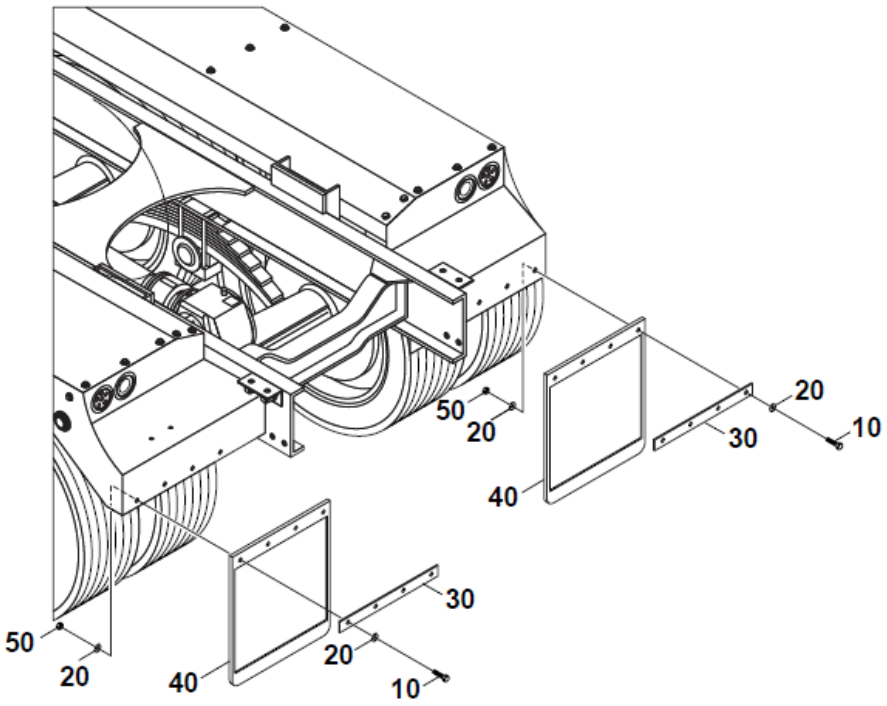
7.4 98386984 - ASSY POLY FRONT MUD-FLAP



ITEM	PART NO.	DESCRIPTION	QTY
1	98386983	MUD FLAP POLY 24” X 24”	1
2	98386850	MUD-FLAP RETAINER	1
3	98385709	BRACKET, ANTI-SAIL	1
4	30303735	WASHER, FLAT 3/8”	6
5	30358320	HHCS, 1/4”-20 X 1 1/4”	2
6	30334582	LOCK NUT 1/4”-20	4
7	98387012	WASHER SADDLE 3/4” TUBE- 1/4” SCREW	2
8	30380752	HHCS, 1/4”-20 X 1 3/4”	2

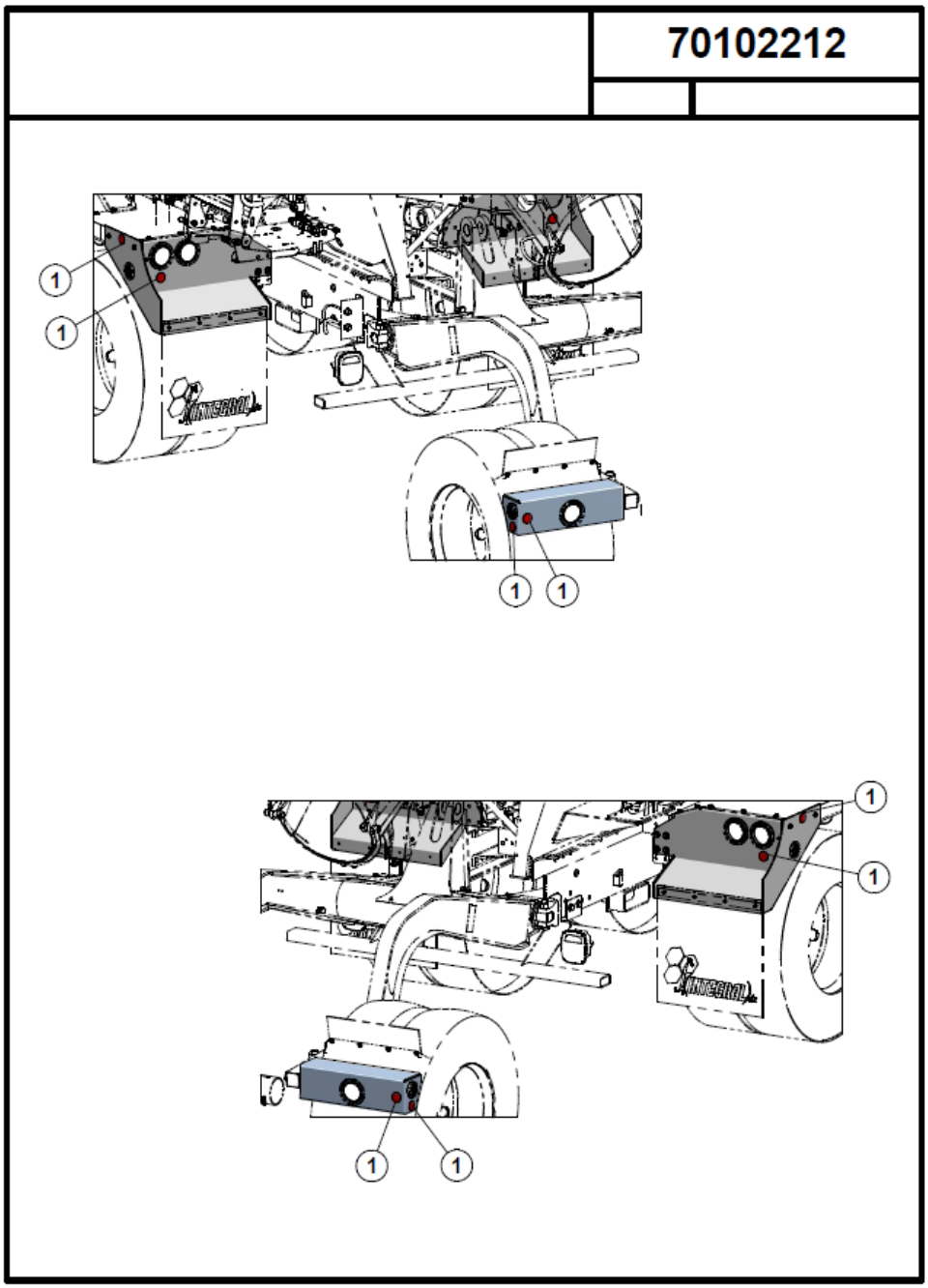
7.5 ASSY SPLASH GUARD POLY

	00	27.01.2016



ITEM	PART NO.	DESCRIPTION	QTY
10	30358320	HHCS, 1/4”-20 X 1 1/4”	8
20	30303735	WASHER, FLAT 3/8”	16
30	98386850	MUD-FLAP RETAINER	2
40	98386983	MUD FLAP POLY 24” X 24”	2
50	30334582	LOCK NUT 1/4”-20	8

7.6 70102212 – GROUP, REFLECTORS, CANADA REQ.



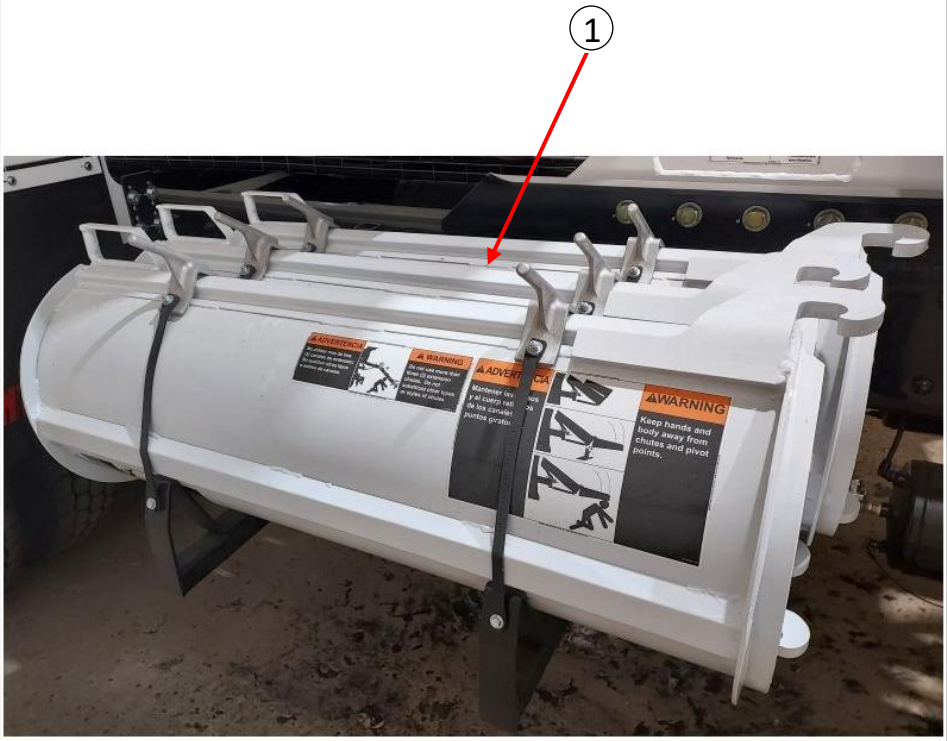
ITEM	PART NO.	DESCRIPTION	QTY
1	70102008	REFLECTOR, 2” DIA RED, ADHESIVE	8

8 CHUTES

8.1 98384258 – CHUTES 3 FULL ALUMINUM 8-131
8.1.1 30408417 – SIDE CHUTE CRADLE W/3 CHUTES 8-132
8.1.2 98363635 – ASSY, MAIN AND FOLD OVER 8-135
8.2 70102397 – ASSY, HYD. FOLDOVER CHUTE RESULTS 8-137
8.2.1 98429663 – ASSY, HYD. FLIP CHUTE, MODIFIED 8-140

8.1 98384258 – CHUTES 3 FULL ALUMINUM

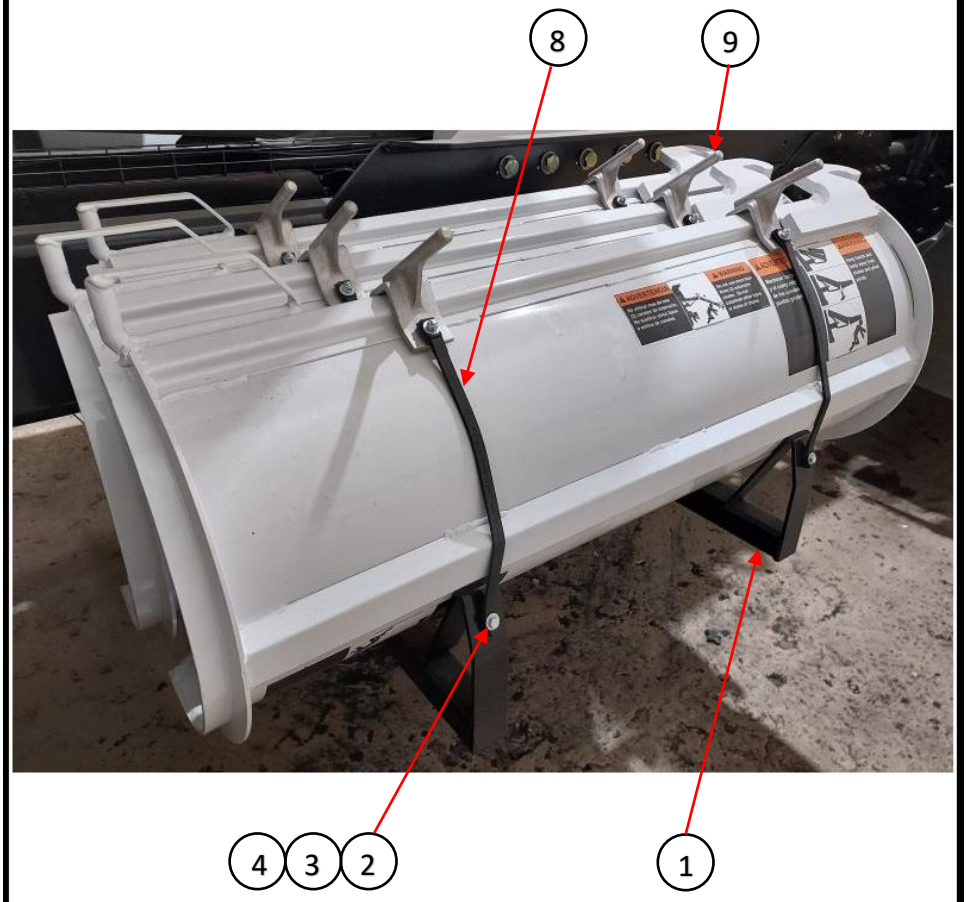
	98384258
	7/21/21



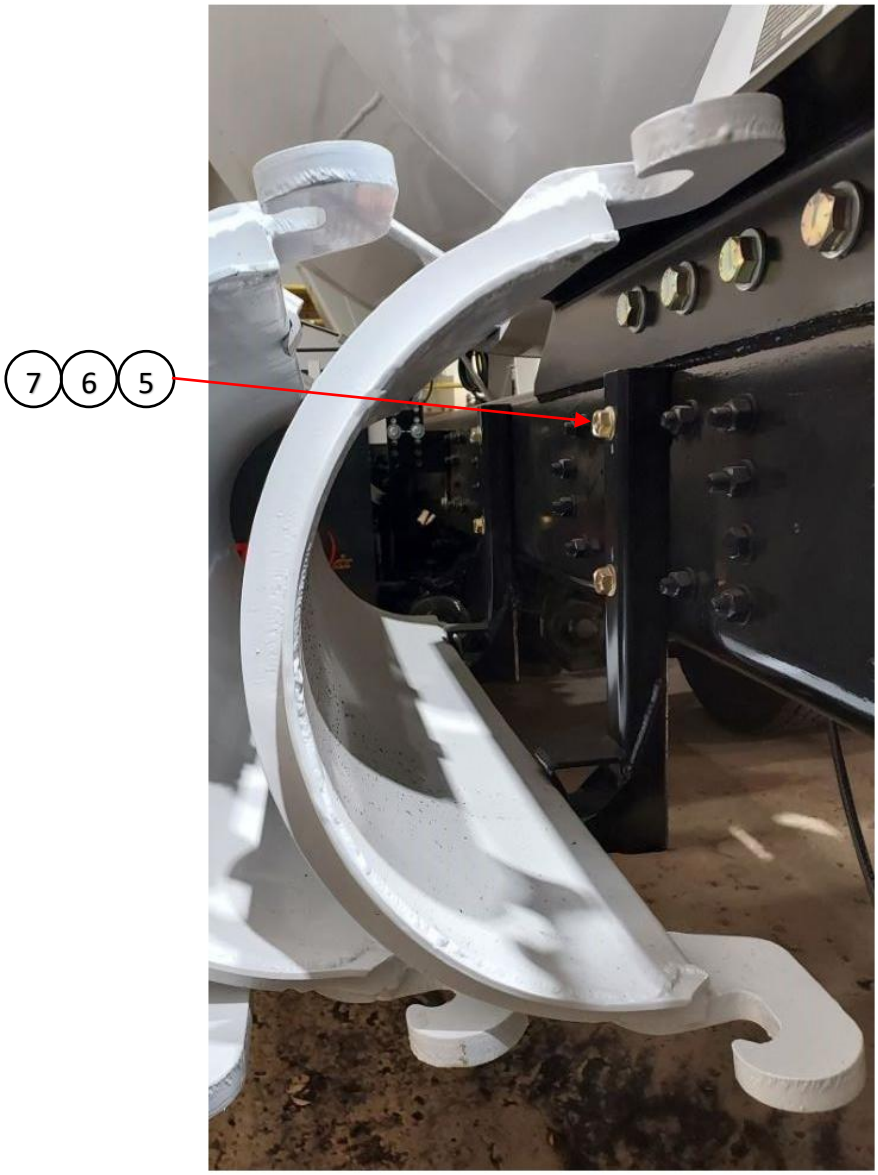
ITEM	PART NO.	DESCRIPTION	QTY
1	98384255	WELDMENT ALUM EXT CHUTE 48" LONG	3

8.1.1 30408417 – SIDE CHUTE CRADLE W/3 CHUTES

	30408417	
	01	5/6/24

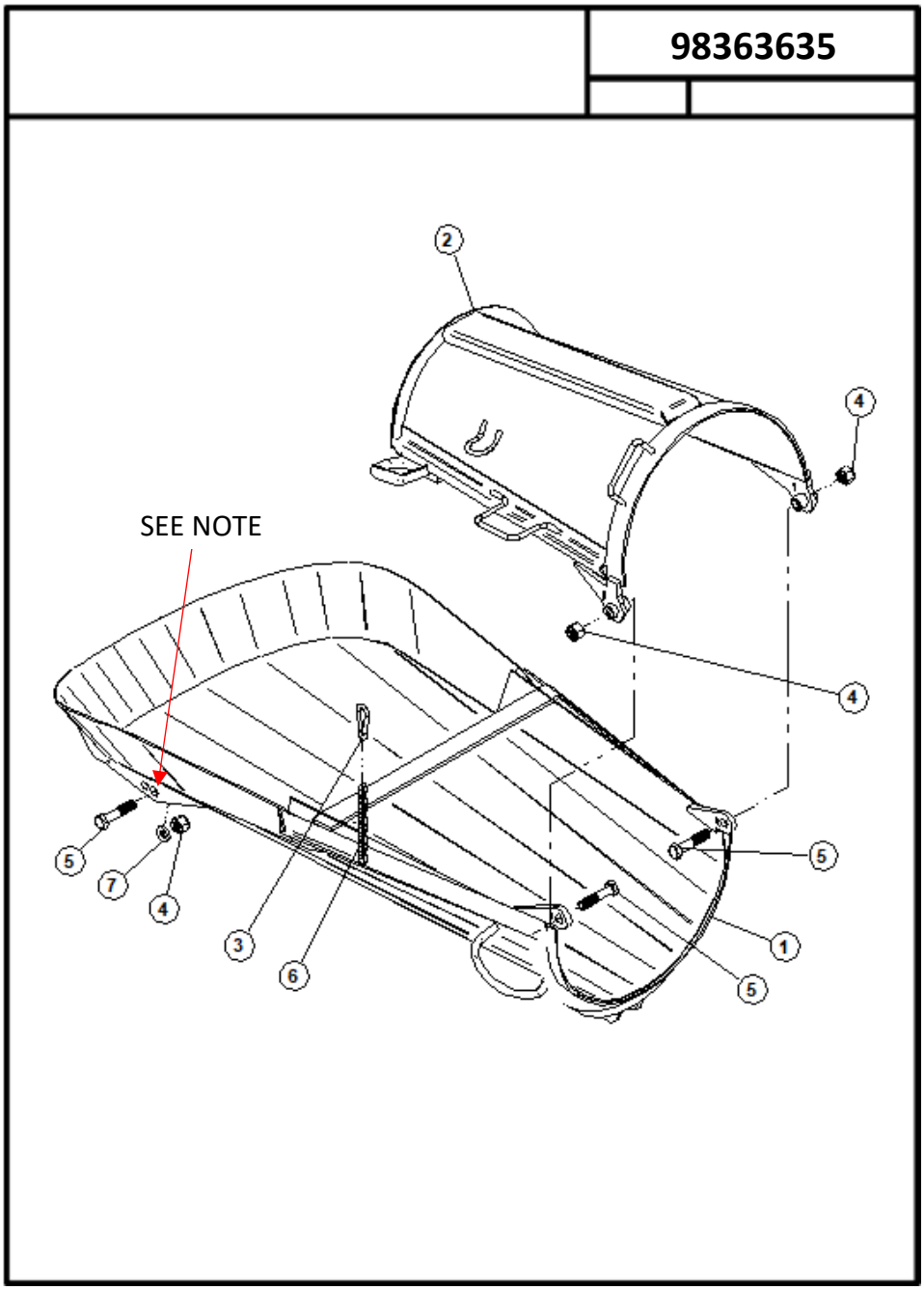


	30408417	
	01	5/6/24



ITEM	PART NO.	DESCRIPTION	QTY
1	30389066	CHUTE STORAGE RACK (3 PLACE)	2
2	30303207	HHCS 1/4"-20 NC X 1 1/2" LG G	6
3	30303735	WASHER - FLAT, 1/4" USS-FE/ZN	12
4	30334582	NUT - LOCK 1/4"-20 NC NYLON I	6
5	30350010	BOLT FLANGE GR8 5/8"-11 X 4"	4
6	98394255	NUT-HEX, 5/8-11UNC, NYLOCK GR8	4
7	30302125	WASHER - FLAT, 5/8" (1-3/4" O.	4
8	30389181	CHUTE STRAP 10" TRUCK MIXER	6
9	30389959	CASTING - CHUTE CLAMP, MIXER	6

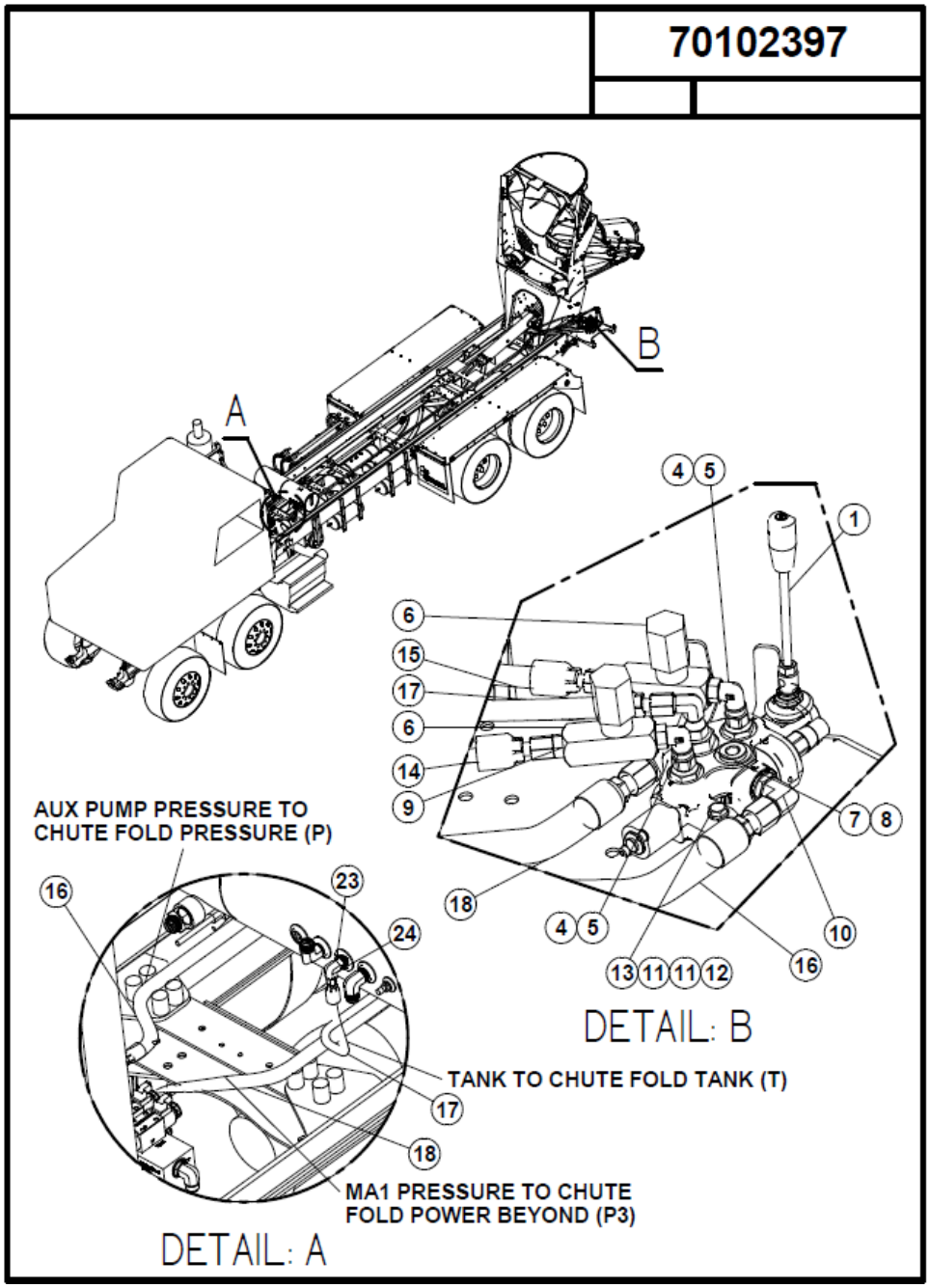
8.1.2 98363635 – ASSY, MAIN AND FOLD OVER

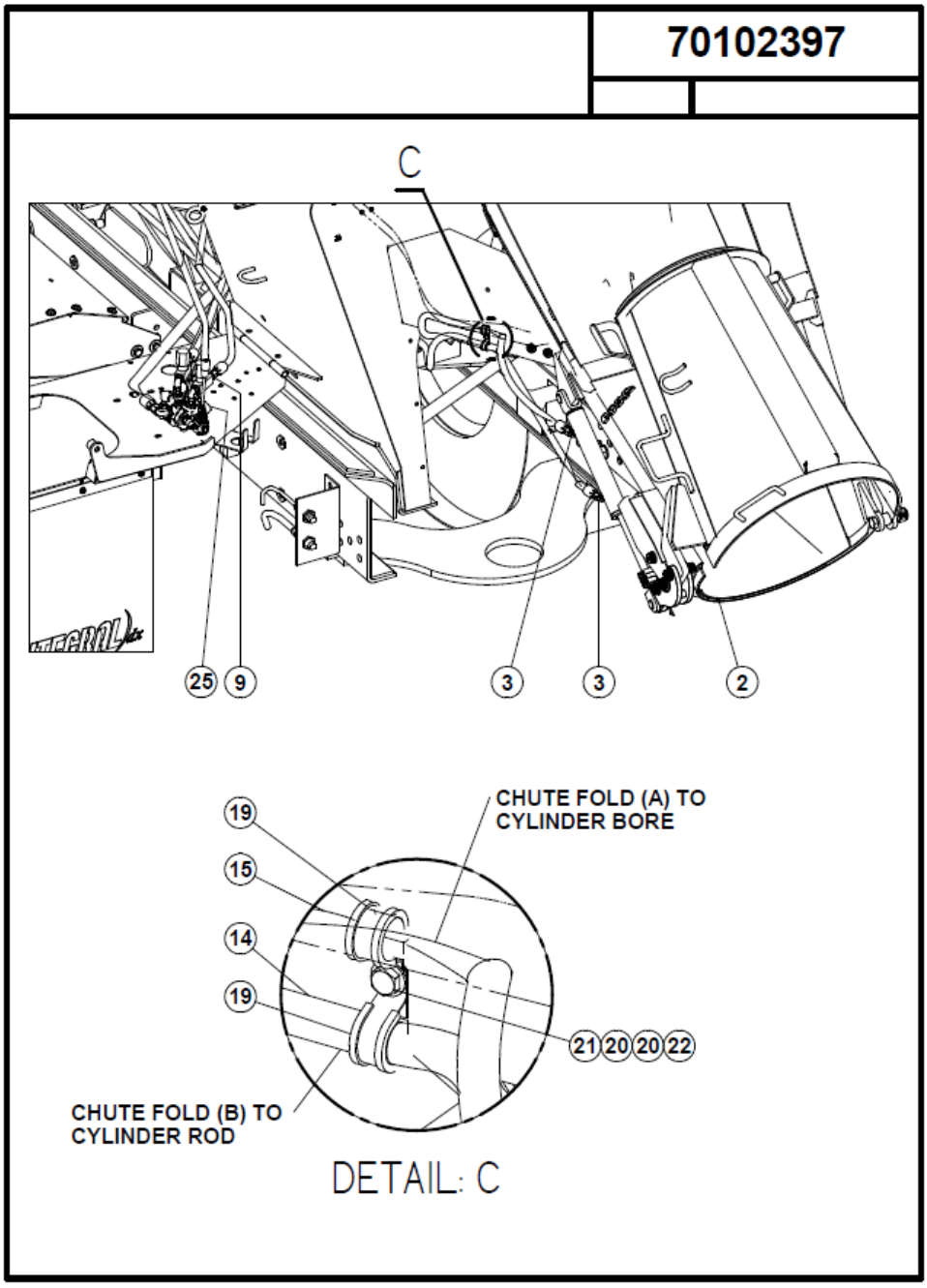


NOTE: USE THIS HOLE FOR MAIN CHUTE IF REPLACED

ITEM	PART NO.	DESCRIPTION	QTY
1	70100420	WLDT, MAIN CHUTE	1
2	98338569	WMT - FOLDOVER CHUTE W/REINFORCEMENT	1
3	10009375	HOOK SNAP DIN 5299 80 X 8	1
4	30308525	NUT - LKTL 3/4-10UNC GR C FE/ZN5A	4
5	30358961	SCREW - 3/4"-10 X 3 1/2" GR.8 HHCS	4
6	30386058	CHAIN – MAIN CHUTE	1
7	30314451	WASHER – FLAT, ¾”	2

8.2 70102397 – ASSY, HYD. FOLDOVER CHUTE RESULTS



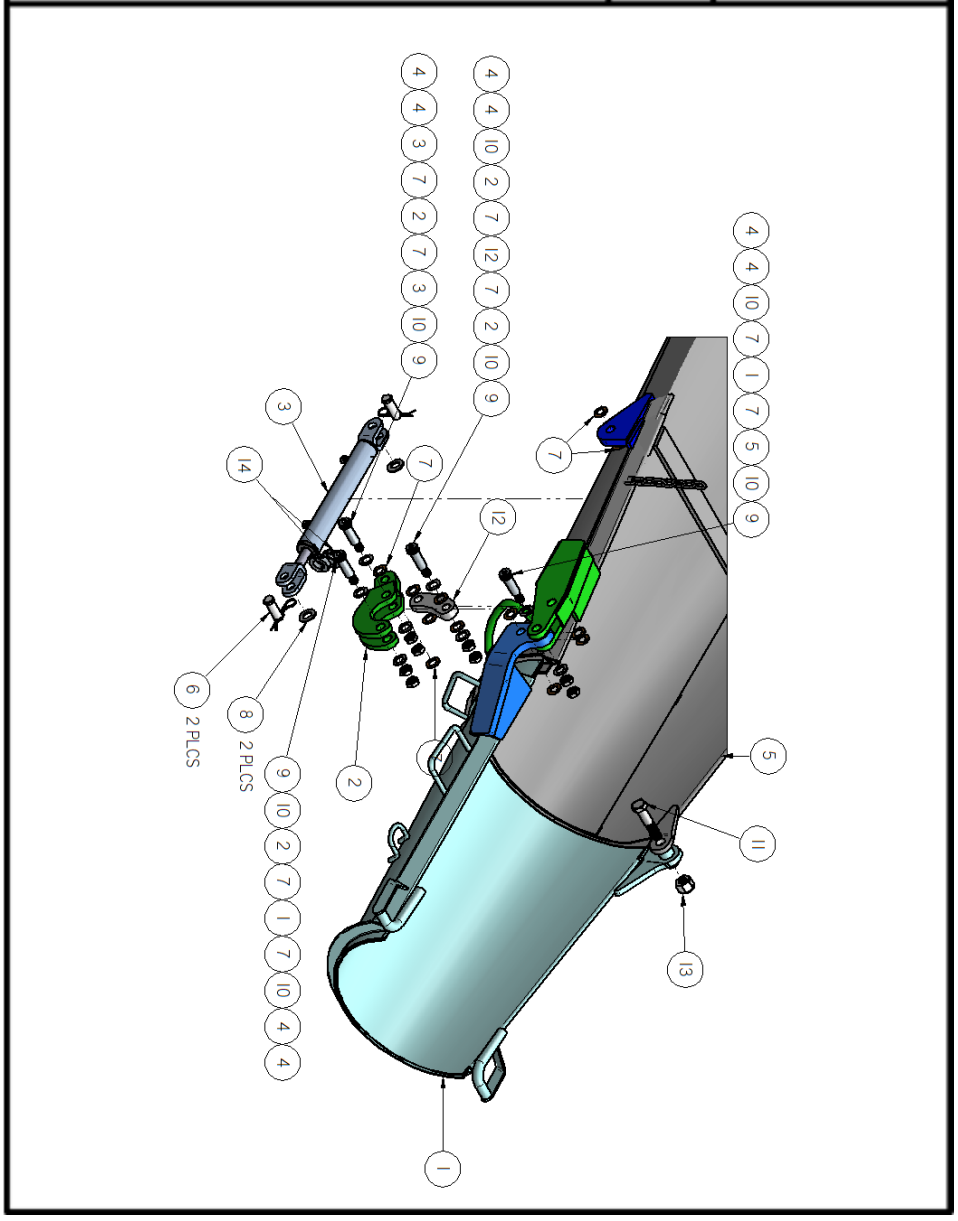

70102397
C
25
9
3
3
2
19
15
14
19
CHUTE FOLD (A) TO CYLINDER BORE
21
20
20
22
CHUTE FOLD (B) TO CYLINDER ROD
DETAIL: C

ITEM	PART NO.	DESCRIPTION	QTY
1	70102201	VALVE, CHUTE FOLD W/RELIEF	1
2	98429663	ASSY, HYD. FLIP CHUTE, MODIFIED	1
3	70100786	FITTING - HYD. 45° #4 ORB X #6 37° FLARE	2
4	30389170	FITTING - HYD #6 37° X #8 ORB	2
5	70101745	FTG, 90° ELB #6 SWIV 37°X #6ORB	2
6	70101738	VALVE, FLOW REGULATOR SAE 6	2
7	70101744	FITTING - HYD #6 37° X #10 ORB	1
8	30389374	FITTING - HYD 90° ELB #6 SWIV X #6 37°	1
9	30389362	FITTING - HYD #6 37° X #6 ORB	2
10	30389462	FITTING - HYD 90° ELB #8 37° X #8 ORB	1
11	10010371	WASHER DIN 125 B 8.4-140HV-A2C	4
12	10001248	NUT ISO 4032 M 8-8-VZD	2
13	10011311	SCREW ISO 4014 M 8 x 65-8.8-VZD	2
14	98430288	HOSE, HYD SAE 6/6 x 113" - 5000 PSI	1
15	98430289	HOSE, HYD SAE 6/6 x 122" - 5000 PSI	1
16	70102194	HOSE, HYD SAE 8/8 x 262" - 4500 PSI	1
17	70102210	HOSE, HYD SAE 6/6 x 256.5" - 5000 PSI	1
18	70102195	HOSE, HYD SAE 8/8 x 275" - 4500 PSI	1
19	30359261	CLAMP, 3/4”	2
20	30303735	WASHER, 1/4”	2
21	30302132	HHCS, 1/4”-20 X 1”	1
22	30391374	NUT, 1/4”-20 NYLOCK	1
23	30318644	FITTING – HYD, BUSHING 1/2FNPT X 3/4”NPT	1
24	98332726	FITTING – HYD 90° ELB #6 37° X 1/2” NPT	1
25	30389390	FITTING - HYD 90° ELB #8 37° X #10 ORB	1

NOTE: CYLINDER PORTS MUST FACE DOWN

8.2.1 98429663 – ASSY, HYD. FLIP CHUTE, MODIFIED

	98429663	
	01	8/26/22



ITEM	PART NO.	DESCRIPTION	QTY
1	98398488	WMT, PIVOTS, FOLDOVER, HYD. FOLD CHUTE	1
2	98429581	WMT, DRIVE LINKAGE, HYD. FOLD CHUTE	1
3	70100785	HYD CYLINDER, 1.5”/1” X 8”	1
4	30373837	NUT, JAM, 5/8-16	8
5	98398808	WMT, PIVOTS, MAIN HYD., FOLD CHUTE	1
6	98429662	PIN – CLEVIS, 3/4” X 2”	2
7	98429591	BEARING, THRUST, 0.758 ID X 1 1/4 OD	12
8	30304213	WASHER, FLAT, HARDENED 3/4"	2
9	98429589	HHCS SHOULDER, 3/4"-10 X 2”	4
10	98429715	WASHER, FLAT, 3/4"	8
11	30358961	HHCS, 3/4"-10 X 3 1/2"	1
12	98398164	PLATE, KIDNEY LINKAGE, HYD. FOLD CHUTE	1
13	30308525	NUT, NYLOCK, 3/4”-10	1
14	70100764	CLAMPING COLLAR, CYLINDER	2

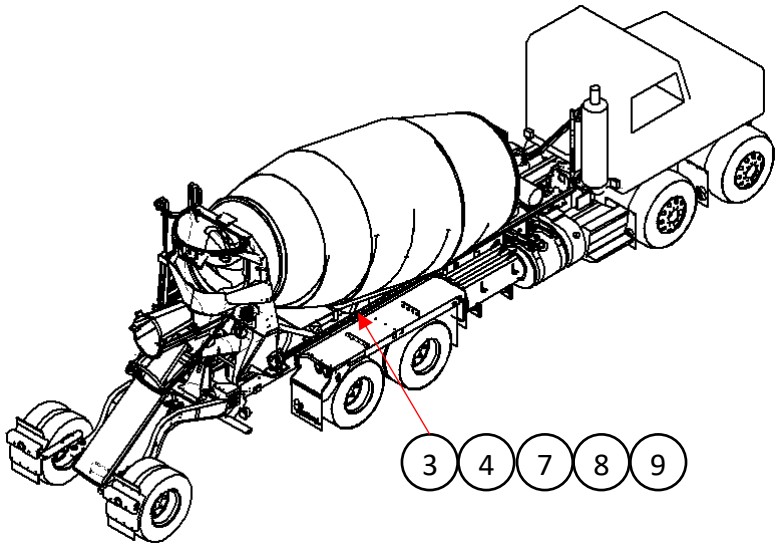
9 BOOSTER

9.2 70101644 – TRUCK PREP 100% BSTR 14YARD 9-145
9.2.1 98404102 – HARNESS MIXER, DUAL TAIL LIGHT 9-149
9.2.2 30358382 – HARNESS CONT TAIL MARKER LIGHTS 9-150
9.2.3 30389128 – HARNESS BOOSTER LIGHTING TRUCK 9-151
9.3 30412464 – FINAL PREP & ACC MIXER BOOSTER 9-152
9.3.1 70100537 – TAIL LIGHT HARNESS 9-153
9.4 70102358 – GROUP, BSTR, RESULTS, CW P7300 9-154
9.4.1 70102400 – ASSY, BOOSTER, PMP RESULTS 9-158
9.4.2 70102452 - ASSY, FILTER MOUNT 14 YD 9-160
9.4.3 70101724 – ASSY, MAIN MANIFOLD BOOSTER 9-161
9.4.4 70101722 – ASSY, BOOSTER CONTROL VALVES 9-163
9.4.4.1 70100308 – BOOSTER CONTROL VALVE 9-165
9.4.5 70101688 – ASSY, ASA OIL COOLER FITTINGS 9-166
9.4.6 70101725 – ASSY, CHUTE CYLINDER FITINGS 9-167
9.4.7 70102401 – ASSY, MOTOR PMP 9-168
9.4.8 70101790 – HRN, DRUM SENSORS 9-170
9.4.9 70101791 – HRN, CHUTE UP/DOWN 9-171
9.4.10 70101802 – HRN, DRUM ROTATION 9-172
9.4.11 70101803 – HRN, BOOSTER SENSORS 9-173
9.4.12 70101804 – HRN, BOOSTER CONTROLS 9-174
9.4.13 70102450 – ASSY, VALVE BRACKET 9-175
9.4.14 98414087 – ASSY, REAR PED ELECTRICAL 9-176
9.5 70101723 – ASSY, HYD BOOSTER TANK 9-182
9.6 70102474 – ASSY,DUALLY BSTR, PARK BRAKE 9-184
9.6.1 70101269 – ASSY, BOOSTER AXLE (PLAIN) 9-187
9.6.2 70102473 – ASSY - BOOSTER RELAY VALVE 9-193
9.6.3 30389129 – HARNESS CONT, TAIL LIGHT BOOSTER 9-195
9.6.4 70101647 – WLDT, LATCH BOLT ON 9-196
9.6.5 70102180 – WELD INSTRUCTION, 14 YARD PIN 9-197
9.7 ASSY – BOOSTER AXLE MOUNTING 9-204
9.8 70102367 – TIRE, MNTD 255/70R22.5 W/AL WHEELS 9-206

9.1 30412462 – MOUNTING 100% BOOSTER

	30412462
	3/4/19

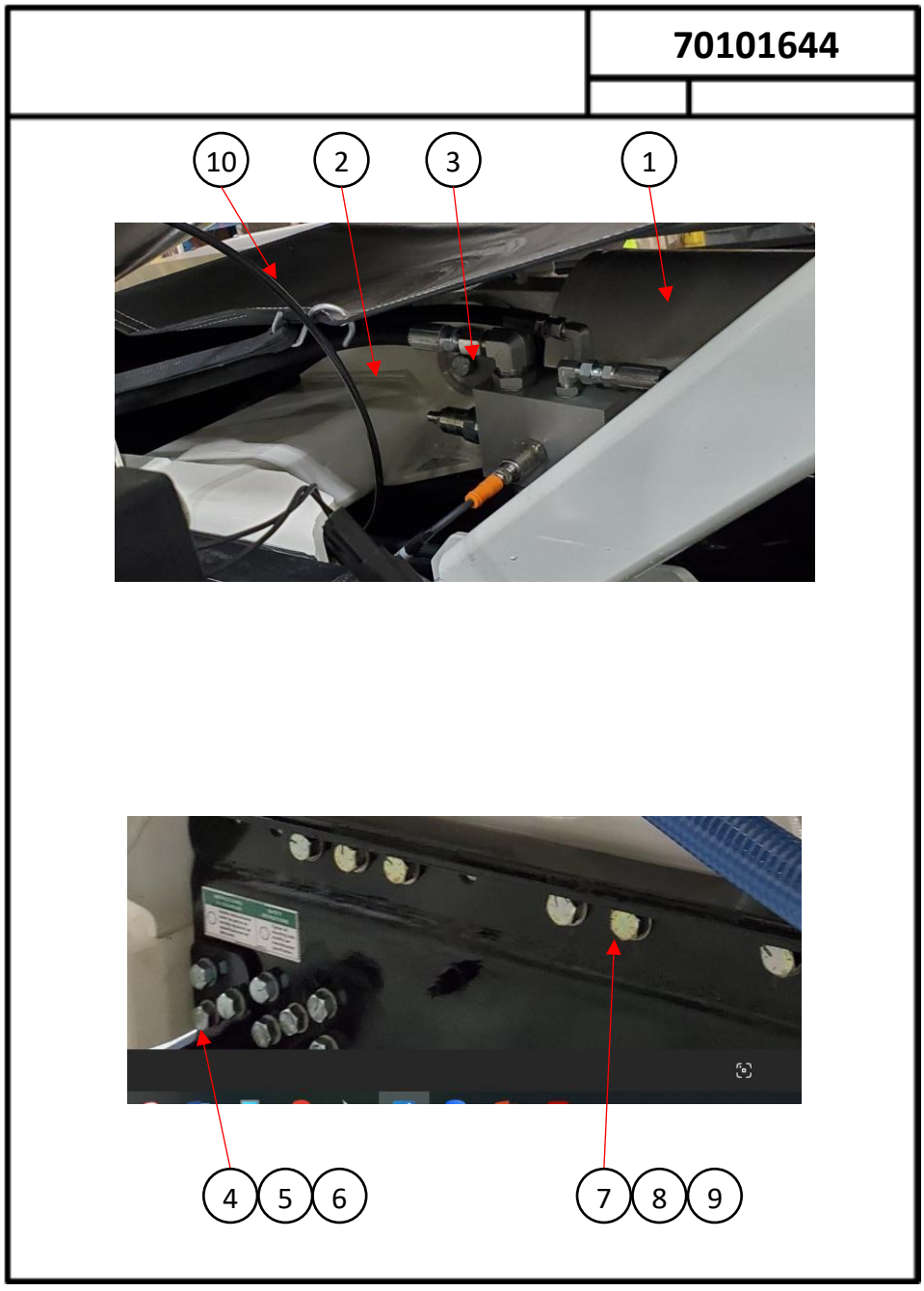




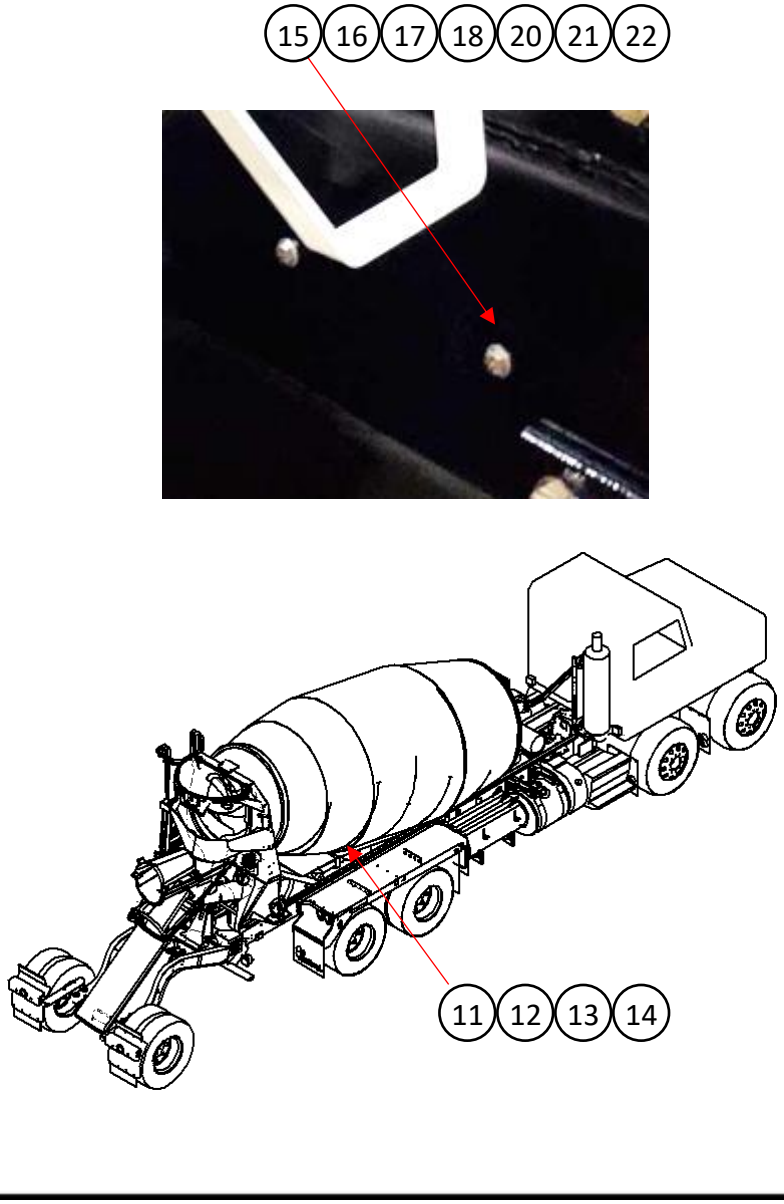
ITEM	PART NO.	DESCRIPTION	QTY
1	30389226	HOSE - WATER, 1"	17 FT
2	30303225	HOSE CLAMP 13/16" - 1 3/4" #2	2
3	30339771	FITTING RDCR HEX NPPLE 1/2-1/4	1
4	30339774	VALVE-PNEU, PRESSURE PROTECT	1
5	30386769	ASSY, AIR PANEL 0-60 COMPLETE	1
6	30345410	OIL - HYD, ISO VG 46, BULK GA	23
7	98373298	PART NYLON HOSE SLEEVE 2.25DIA	2
8	30348486	FITTING - PNEU, UNION TEE, 3/8	2
9	30351528	FITTING - ELB 90° 3/8" TUBE X 1/4" NPT	1
10	70100916	ASSY, MTG. BRACKET, AIR PANEL	1
11	98417818	STRAP, HANGING – HS412	2

NOTE: ITEMS 5, 10 & 11 MAY NOT BE USED

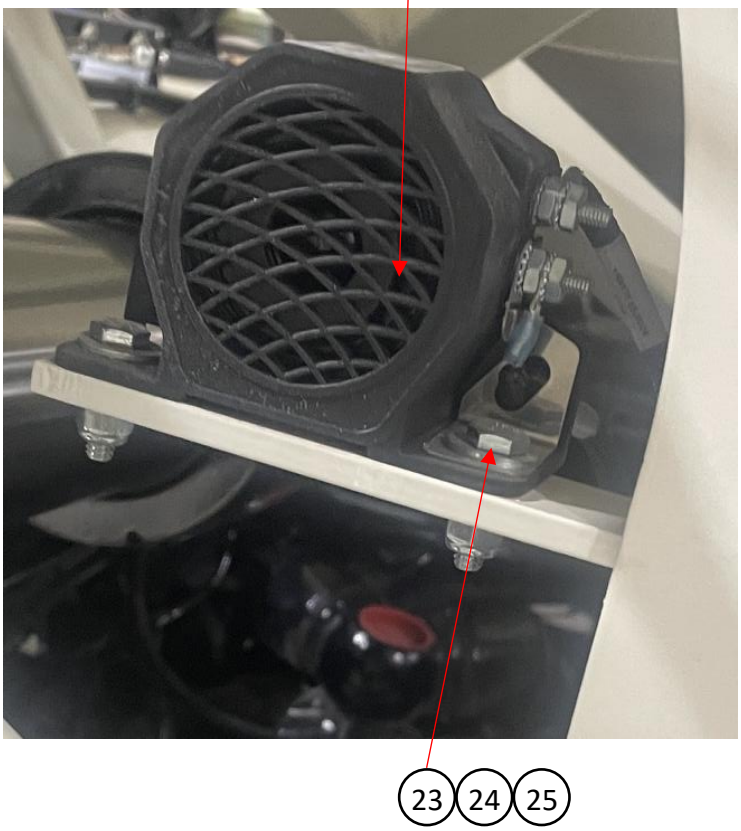
9.2 70101644 – TRUCK PREP 100% BSTR 14YARD



	70101644

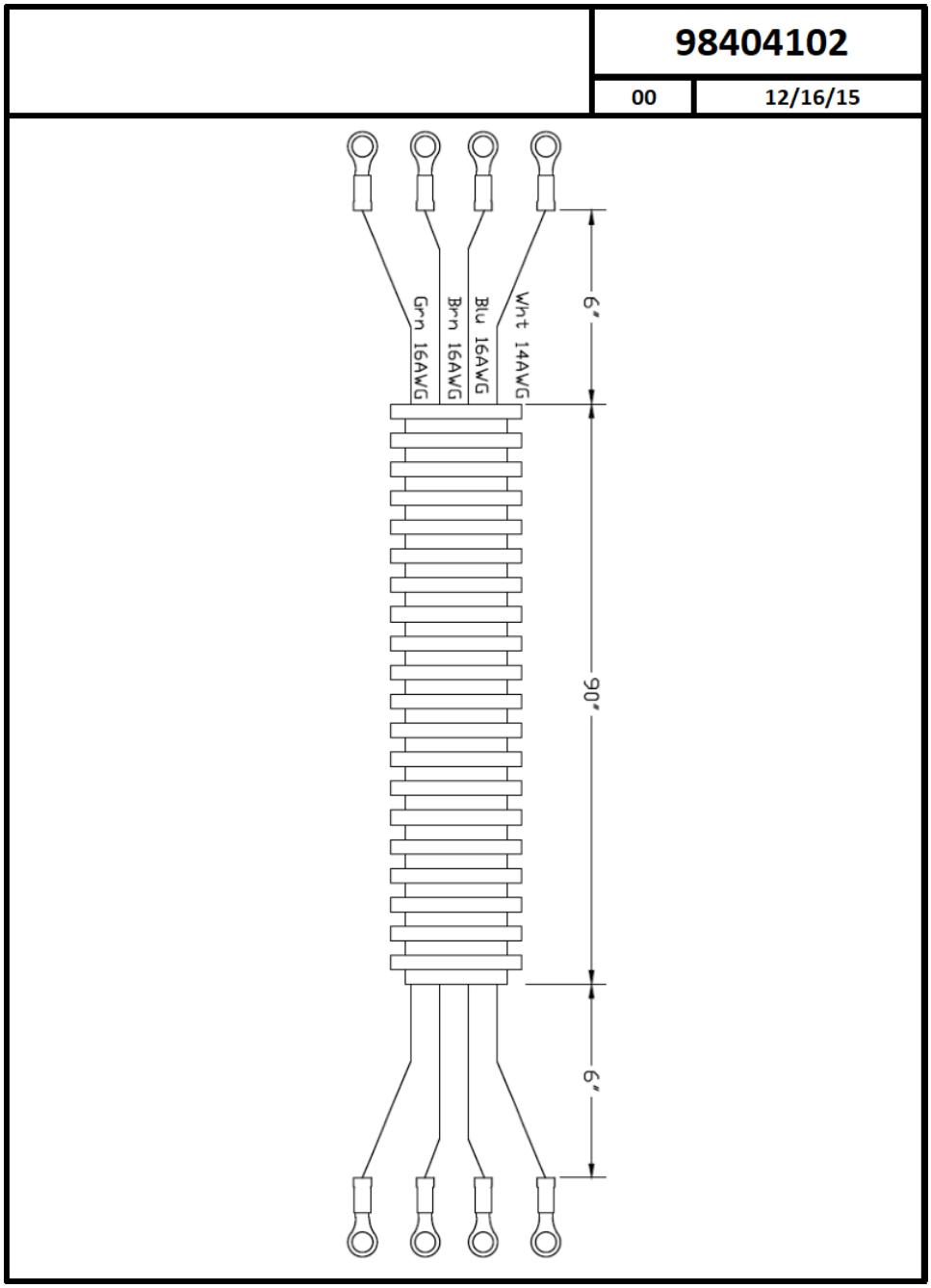


70101644

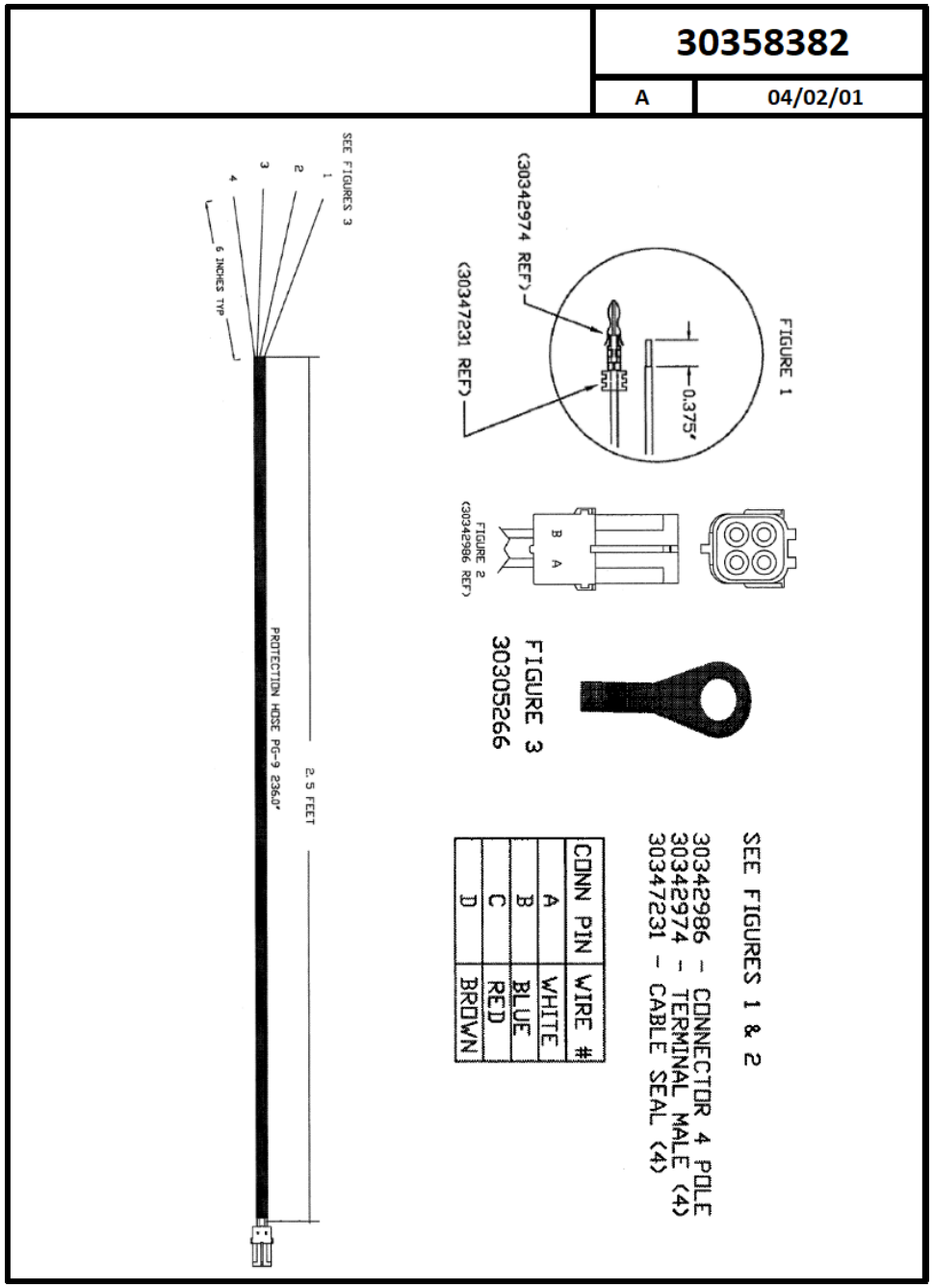


ITEM	PART NO.	DESCRIPTION	QTY
1	70101250	CYLINDER, BOOSTER TANDEM	1
2	98329215	WMT - BRKT, BOOSTER CYL MNT	1
3	30389839	PIN - BOOSTER PIVOT, SPLIT PIN	2
4	10002132	SCREW ISO 4014 M 20 X 90-10.9-	16
5	30392112	NUT TOPLOCK M20	16
6	10001509	WASHER DIN 6916 21-C45-GT500	32
7	70100830	SCREW-HEX 7/8"-14X3.00" GR. 8	30
8	30386508	WASHER - FLAT, TENSION X 7.8",	60
9	70100831	NUT- 7/8"-14 GR. C TOP LOCK	30
10	30305009	TUBE-PLSTC, AIR LINE 3/8"/.06W	AS REQUIRED
11	30305010	HOSE - PNEU, 1/2" PFT-8B PLAST	AS REQUIRED
12	30359238	FITTING - AIR, 3/4"-20 X 3/8"	2
13	30360825	HOSE PROTECTOR HP-B-15	6
14	30367385	CLAMP-BEAM,HAMMER-ON- 5/16-1/2	6
15	30358382	HARN - CONT TAIL MARKER LIGHTS	2
16	98404102	HARNESS MIXER, DUAL TAIL LIGHT	1
17	30346562	ENCL-TERM BOX, 7-TERM MIDLAND	2
18	30389128	HARNESS BOOSTER LIGHTING TRUCK	1
19	30337019	ANNC - ALARM BACK-UP 12V	1
20	30390383	NUT - 5/16"-18 NYLOCK	4
21	30393193	HHCS 5/16"-18X1-1/2	4
22	30302128	WASHER - FLAT, 5/16"	8
23	30302132	HHCS, 1/4-20 x 1.00"	2
24	30303735	WASHER - FLAT, 1/4"	4
25	30334582	NUT - 1/4"-20 NYLOCK	2

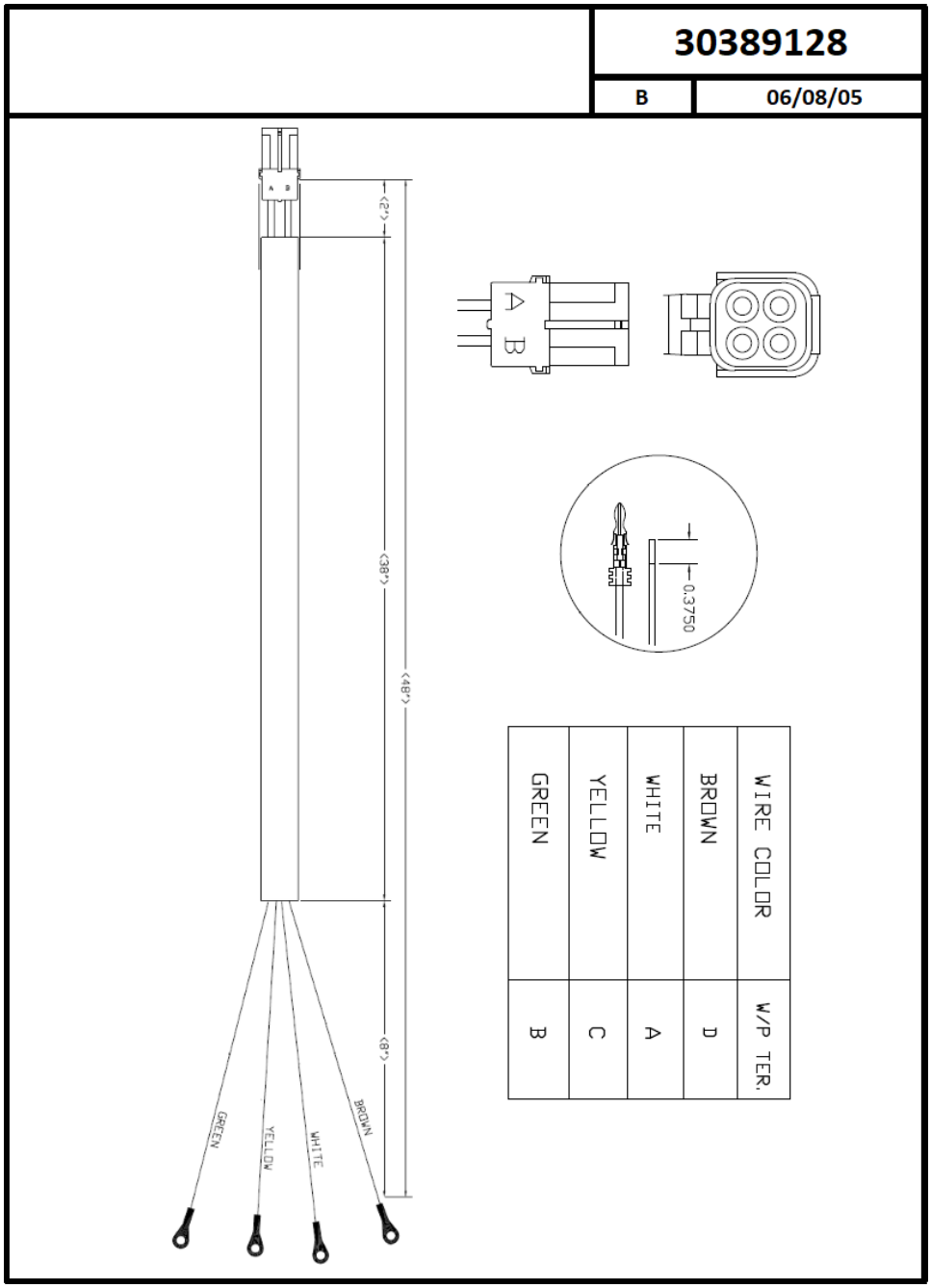
9.2.1 98404102 – HARNESS MIXER, DUAL TAIL LIGHT



9.2.2 30358382 – HARNESS CONT TAIL MARKER LIGHTS



9.2.3 30389128 – HARNESS BOOSTER LIGHTING TRUCK

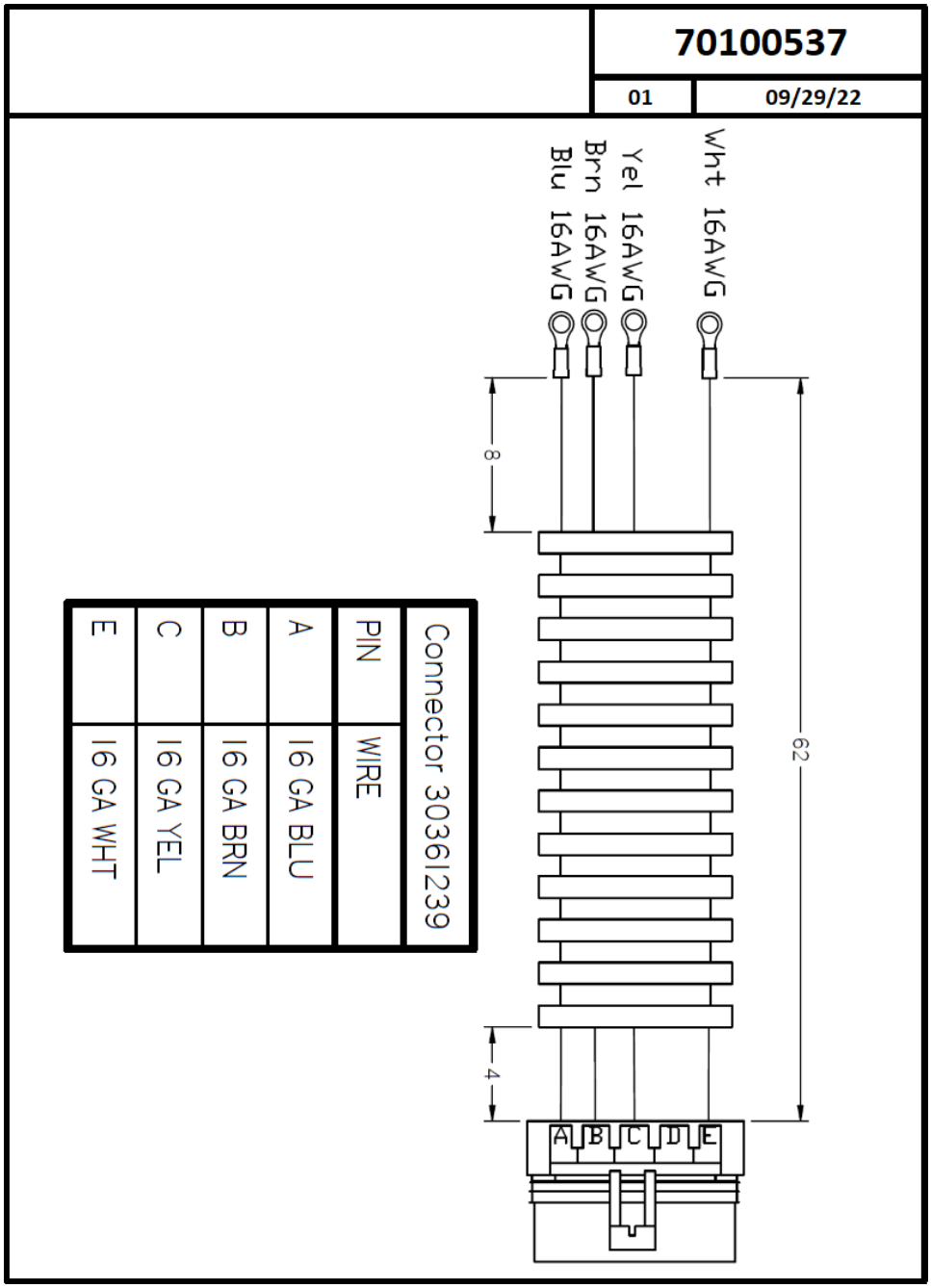


9.3 30412464 – FINAL PREP & ACC MIXER BOOSTER

ITEM	PART NO.	DESCRIPTION	QTY
1	30302673	PARTS -WATER HOSE NOZZLE 7239	1
2	30377691	HOSE - WATER, 5/8"X 30' 200PSI	1
3	98404968	KIT - SAFETY DECAL BOOSTER	1
4	30304547	PARTS - CABLE TIE NYL .19 X 14	100
5	30304548	PARTS - CABLE TIE NYLON .31 X	100
6	70100537	TAIL LIGHT HARNESS	2

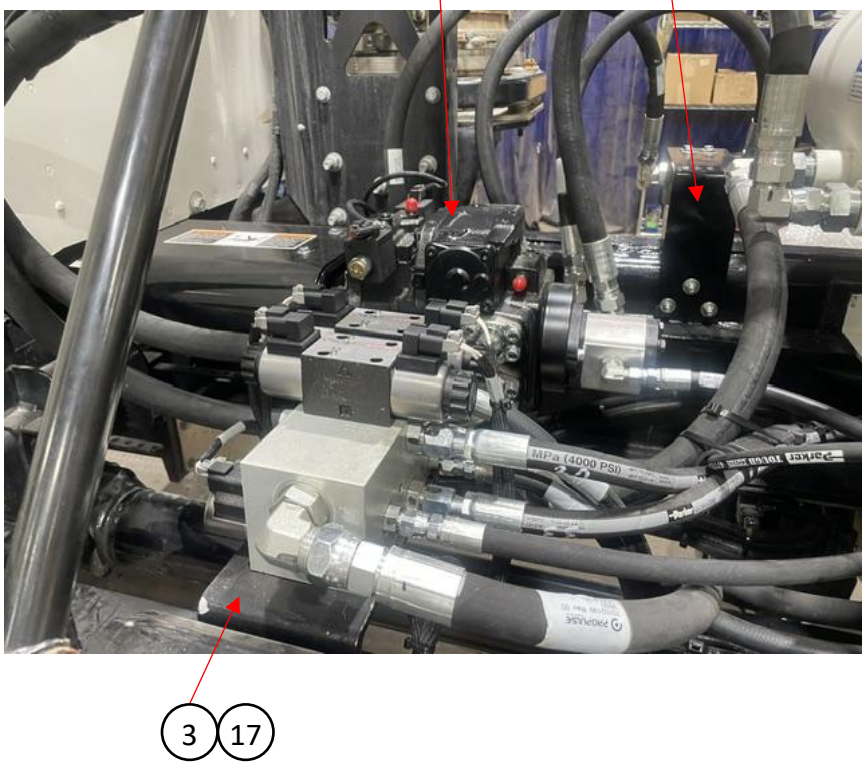
NOTES: ITEMS 1 AND 2 SHIPPED SEPARATELY. FOR INFORMATION ON ITEM 3 SEE SECTION 11.

9.3.1 70100537 – TAIL LIGHT HARNESS

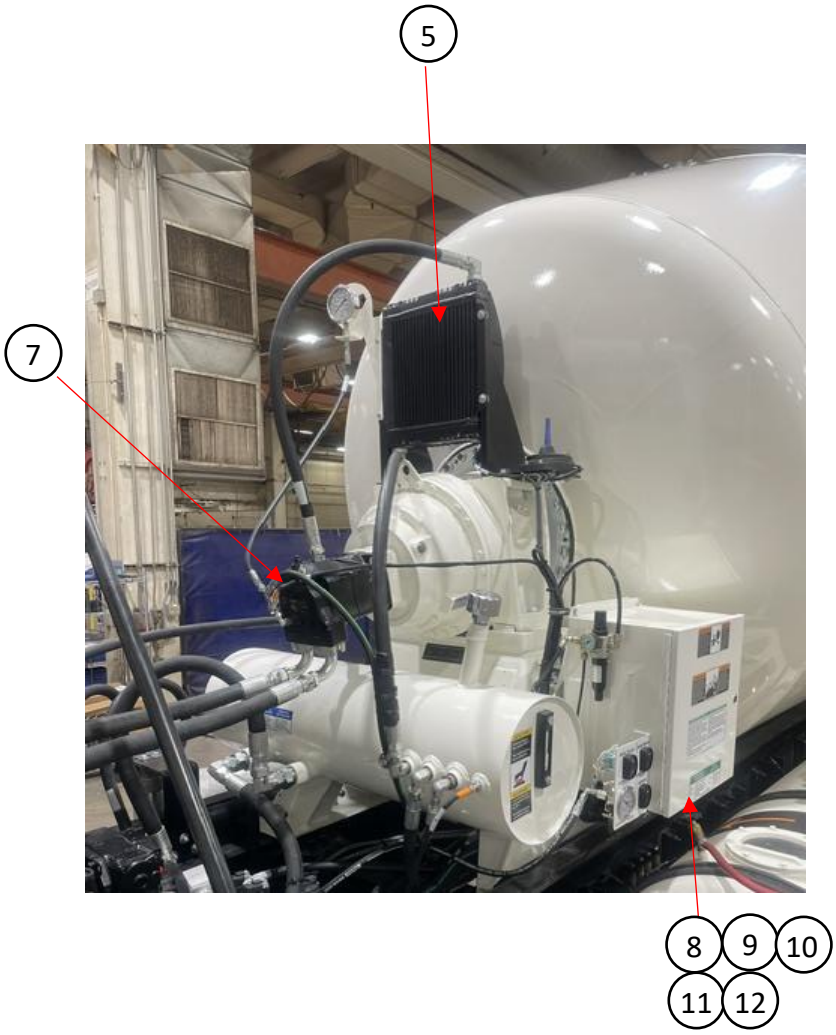


9.4 70102358 – GROUP, BSTR, RESULTS, CW P7300

	70102358



	70102358



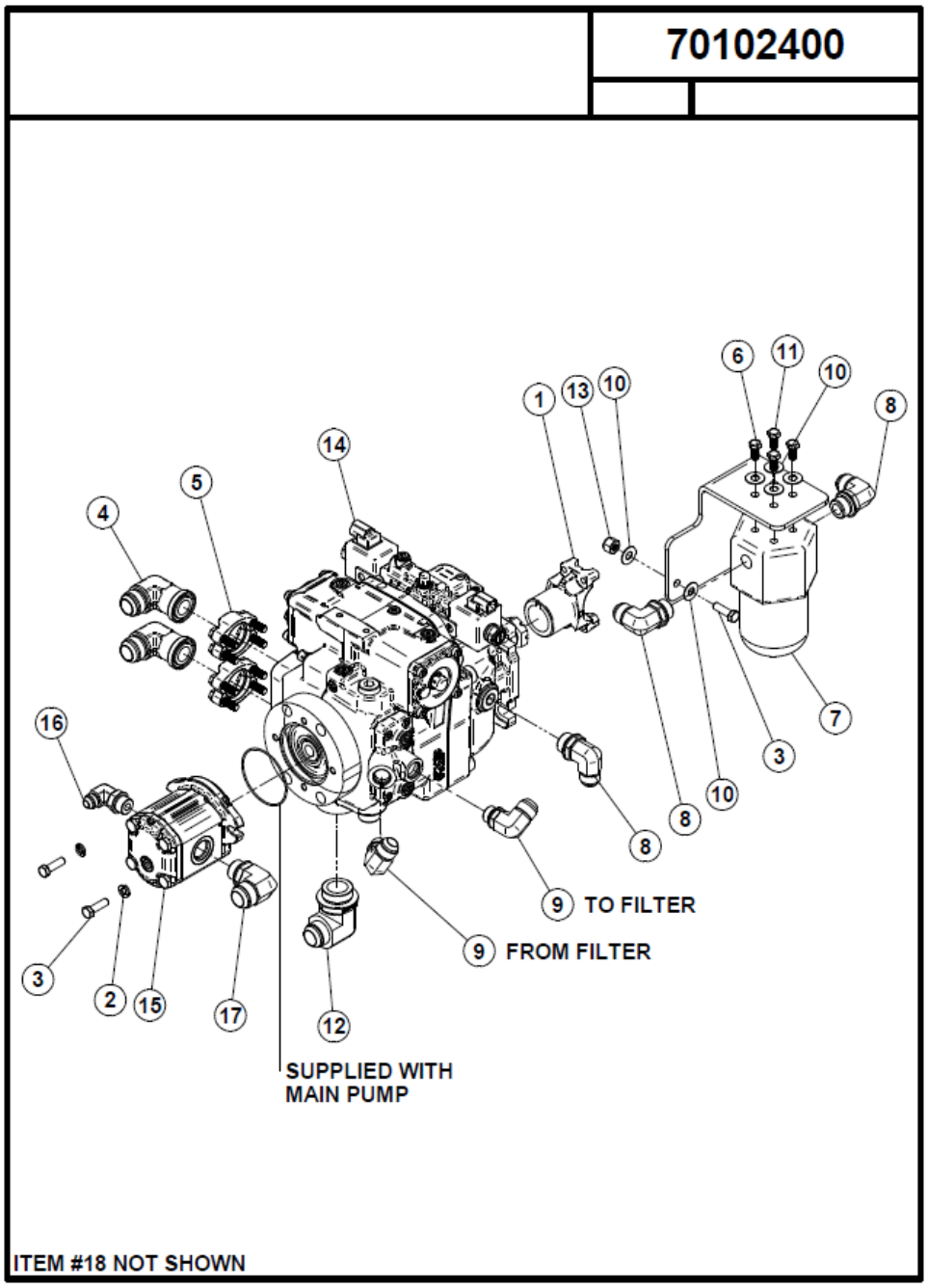
	70102358



ITEM	PART NO.	DESCRIPTION	QTY
1	70102400	ASSY, BOOSTER, PMP RESULTS	1
2	70102452	ASSY, FILTER MOUNT 14 YD	1
3	70101724	ASSY, MAIN MANIFOLD BOOSTER RESULTS	1
4	70101722	ASSY, BOOSTER CONTROL VAVVES	1
5	70101688	ASSY, ASA OIL COOLER FITTINGS	1
6	70101725	ASSY, CHUTE CYLINDER FITTINGS	1
7	70102401	ASSY, MOTOR PMP	1
8	70101790	HRN, DRUM SENSORS	1
9	70101791	HRN, CHUTE UP/DOWN	1
10	70101802	HRN, DRUM ROATION	1
11	70101803	HRN, BOOSTER SENSORS	1
12	70101804	HRN, BOOSTER CONTRLS	1
13	98414087	ASSY, REAR PED ELECTRICAL	1
14	70102092	PLT – ICT3 BSTR PROX. MNT BRKT	1
15	70102093	PLT – ICT3 BSTR PROX. PLATE	1
16	98402792	SENSOR IND. PROX 18MM PNP 8MM	1
17	70102450	ASSY, VALVE BRACKET	1

NOTE: HARNESSES CONNECT TO MAIN HARNESS INSIDE CONTROL BOX

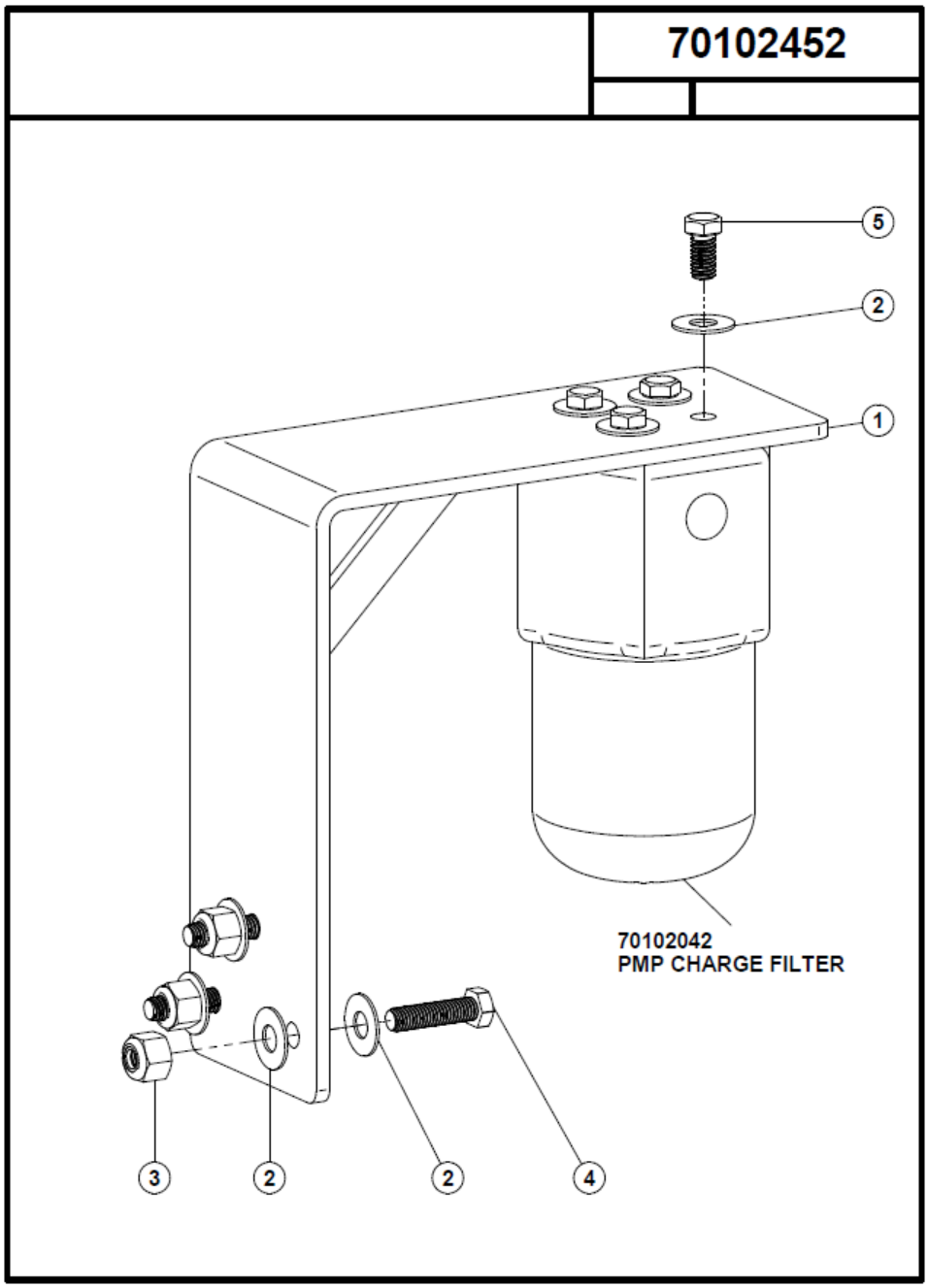
9.4.1 70102400 – ASSY, BOOSTER, PMP RESULTS



ITEM	PART NO.	DESCRIPTION	QTY
1	98400121	U-JOINT END YOKE 1310 1.5” TAPER, U-BOLT	1
2	30302568	WASHER – SPLIT LOCK 3/8”	2
3	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	4*
4	30389370	FITTING – HYD, 90° 1” FLANGE CODE 61	2
5	30307799	KIT – FLANGE, 1” CODE 61	2
6	70102044	PLT – PMP FILTER MOUNT	1*
7	70102042	ASSY-CHARGE FILTER, DRUM DRIVE	1*
8	30389166	FITTING – HYD 90° #12 37° X #12 ORB	3
9	30389269	FITTING – HYD 90° #12 37° X #10 ORB	2
10	30302130	WASHER, FLAT 3/8	8*
11	70101691	HHCS, 3/8-16 X 3/4	4*
12	70102177	FITTING, HYD 90° #16 37° X #20 ORB	1
13	30389195	NUT, NYLON LOCK 3/8-16	2*
14	70101864	PUMP, HYD, PMP, CW, PE	1
15	70101811	PUMP, AUX CW	1
16	30389390	FITTING – HYD 90° #8 37° X #10 ORB	1
17	70102220	FITTING – HYD 90° #16 37° X #12 ORB	1
18	98333548	HOSE – HYD SAE 12/12 X 33.5” – 3500 PSI	2

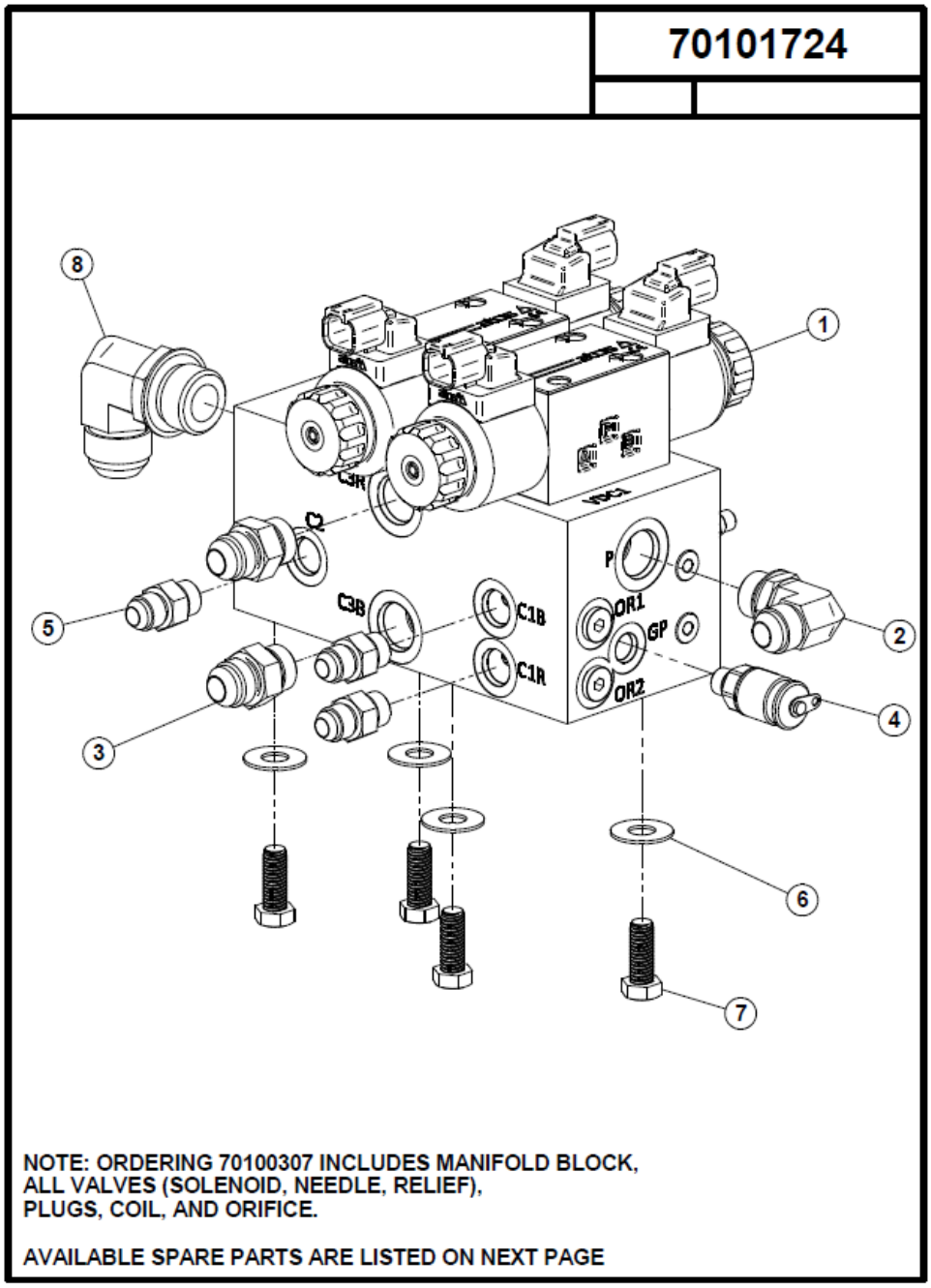
*NOTE: MOUNTING OF CHARGE FILTER DIFFERENT FROM SHOWN, SEE 70102452 FOR DETAILS.

9.4.2 70102452 - ASSY, FILTER MOUNT 14 YD



ITEM	PART NO.	DESCRIPTION	QTY
1	70102404	WMT – FILTER MOUNT, 14 YD	1
2	30302130	WASHER, FLAT 3/8”	10
3	30389195	NUT, NYLOCK 3/8”-16	3
4	30348305	HHCS, 3/8”-16 X 1 1/2”	3
5	70101691	HHCS, 3/8”-16 X 3/4”	4

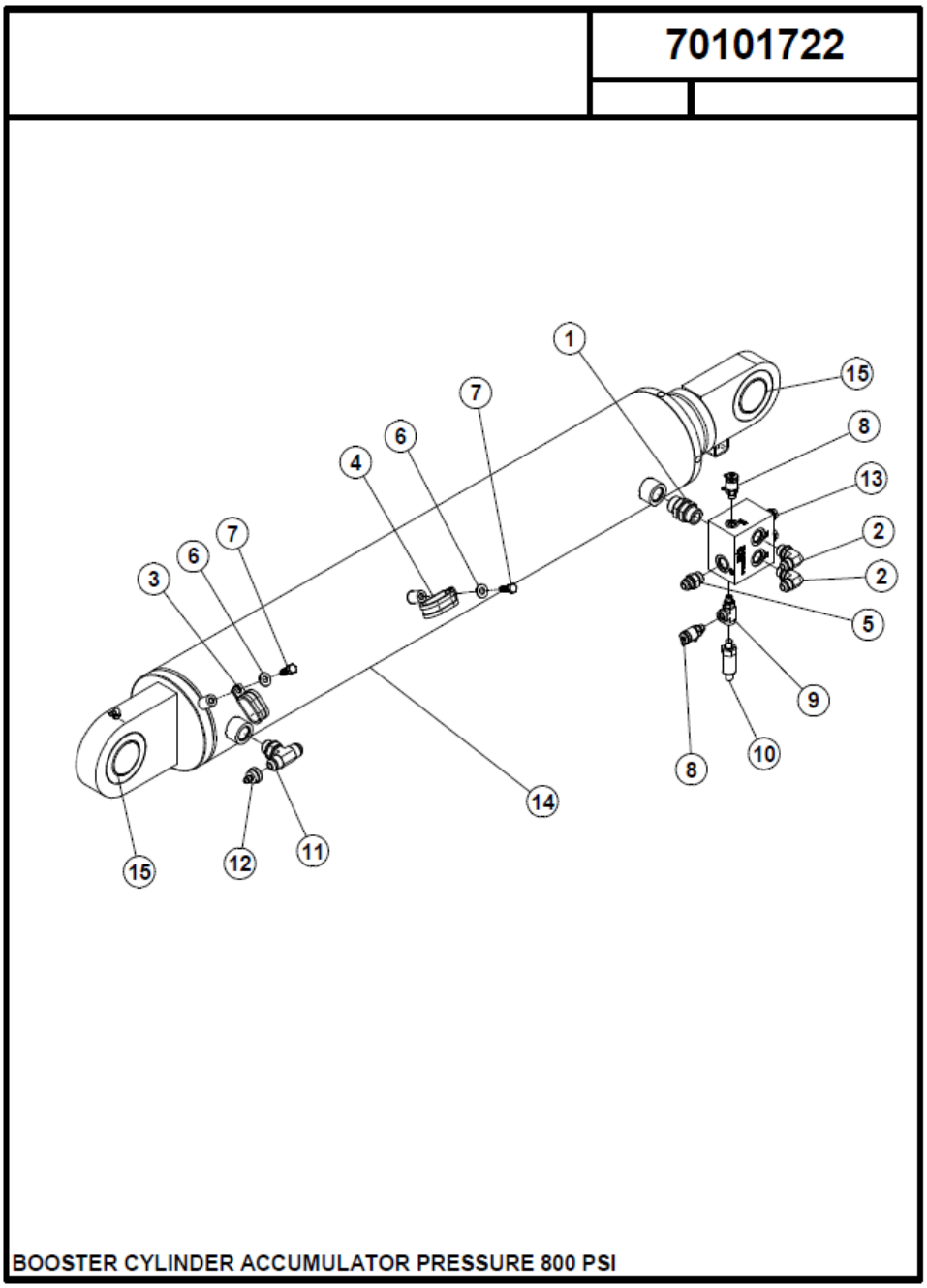
9.4.3 70101724 – ASSY, MAIN MANIFOLD BOOSTER



ITEM	PART NO.	DESCRIPTION	QTY
1	70100307	VALVE - HYD, MIXER CHUTE AND BOOSTER	1
2	30389462	FITTING - HYD 90° ELB #8 37° X #8 ORB	1
3	30386264	FITTING – STR #8 ORB X #8 FLARE	2
4	30335096	FITTING – HYD, TEST PLUG #4	1
5	30389362	FITTING - HYD #6 37° X #6 ORB	3
6	30302130	WASHER, FLAT 3/8”	4
7	30302118	SCREW - HHC, 3/8-16UNC X 1.00" GR 5 Y.Z.	4
8	30389166	FITTING – HYD, ELBOW #12 ORB X #12 FLARE	1

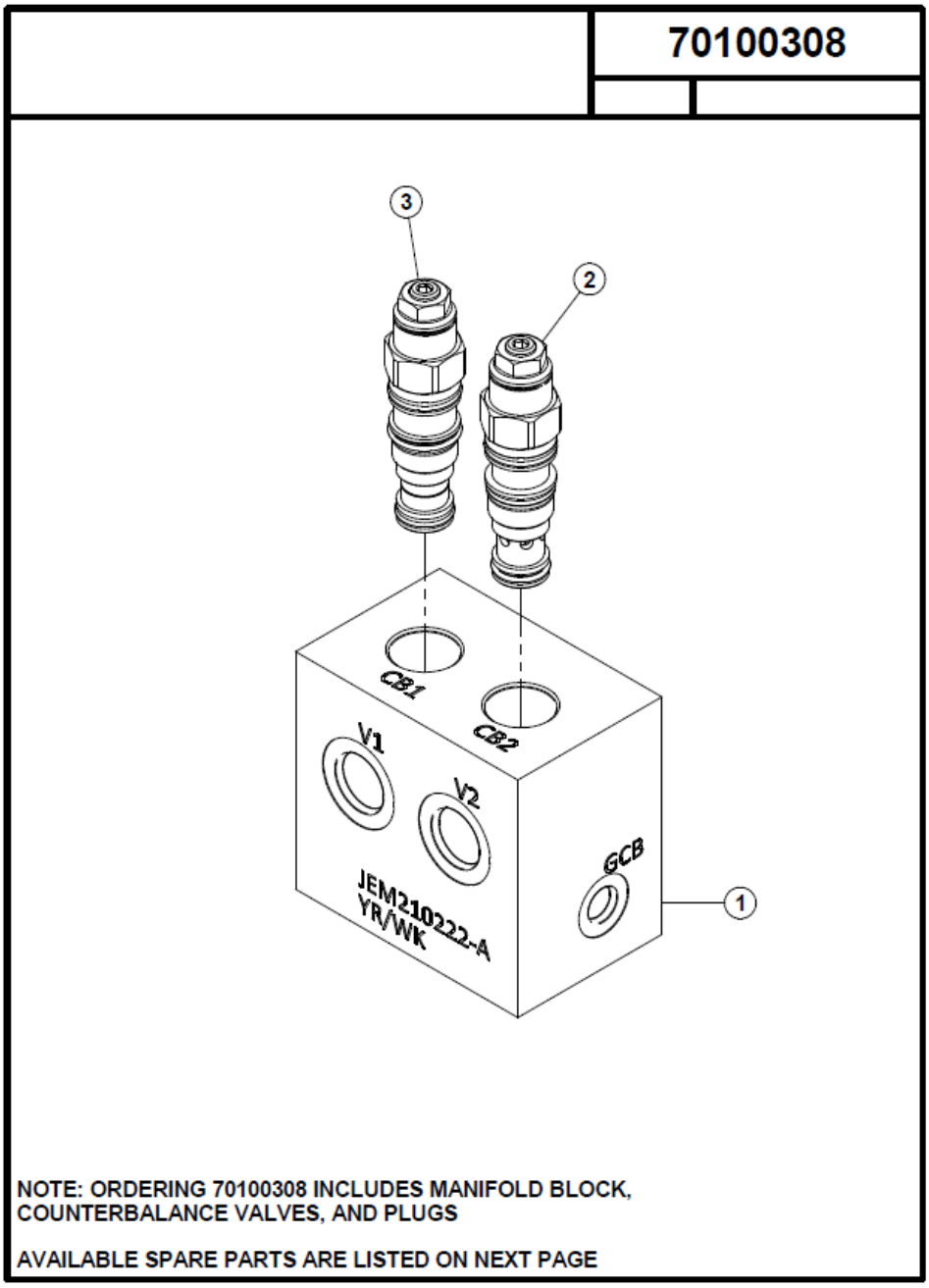
		SPARE PARTS FOR 70100307	
	70102308	VALVE-SERIES 3 BOOSTER	1
	70102321	VALVE-SERIES 3 CHUTE	1
	70102432	MANIFOLD BLOCK	1
	70102433	RELIEF VALVE, 2000 PSI	1
	70102434	RELIEF VALVE, 2000 PSI SEAL KIT	1
	70102435	NEEDLE VALVE	1
	70102436	NEEDLE VALVE SEAL KIT	1
	70102437	3/2 SOLENOID VALVE	1
	70102438	3/2 SOLENOID VALVE SEAL KIT	1
	70102444	D03 VALVE SEAL KIT ATOS	2

9.4.4 70101722 – ASSY, BOOSTER CONTROL VALVES



ITEM	PART NO.	DESCRIPTION	QTY
1	30389162	FITTING - HYD UNION #12 ORB X #12 ORB	1
2	30389462	FITTING - HYD 90° ELB #8 37° X #8 ORB	2
3	70100448	P-CLAMP, DOUBLE 7/8”	1
4	70100449	P-CLAMP, DOUBLE 1 1/8”	1
5	30386264	FITTING – HYD #8 ORB X #8 FLARE	1
6	10129841	SCREW RETAINER SKM 1—GT320	2
7	30302118	HHCS, 3/8”-18 X 1.00”	2
8	30335096	FITTING – HYD. TEST PLUG #4	2
9	70100460	FITTING, HYD TEE	1
10	98397598	SENSOR PSI 4-20 MA	1
11	70101750	FITTING – HYD #12 MJ X #8 MJ TEE	1
12	70101751	FITTING – HYD #8 FJ X #4 MJ	1
13	70100308	HYDRAULIC BOOSTER CONTROL VALVE	1
14	98428451	CYLINDER – HYD, BOOSTER AXLE	1
		SPARE PARTS	
15	30386262	ARTICULATED BEARING	2

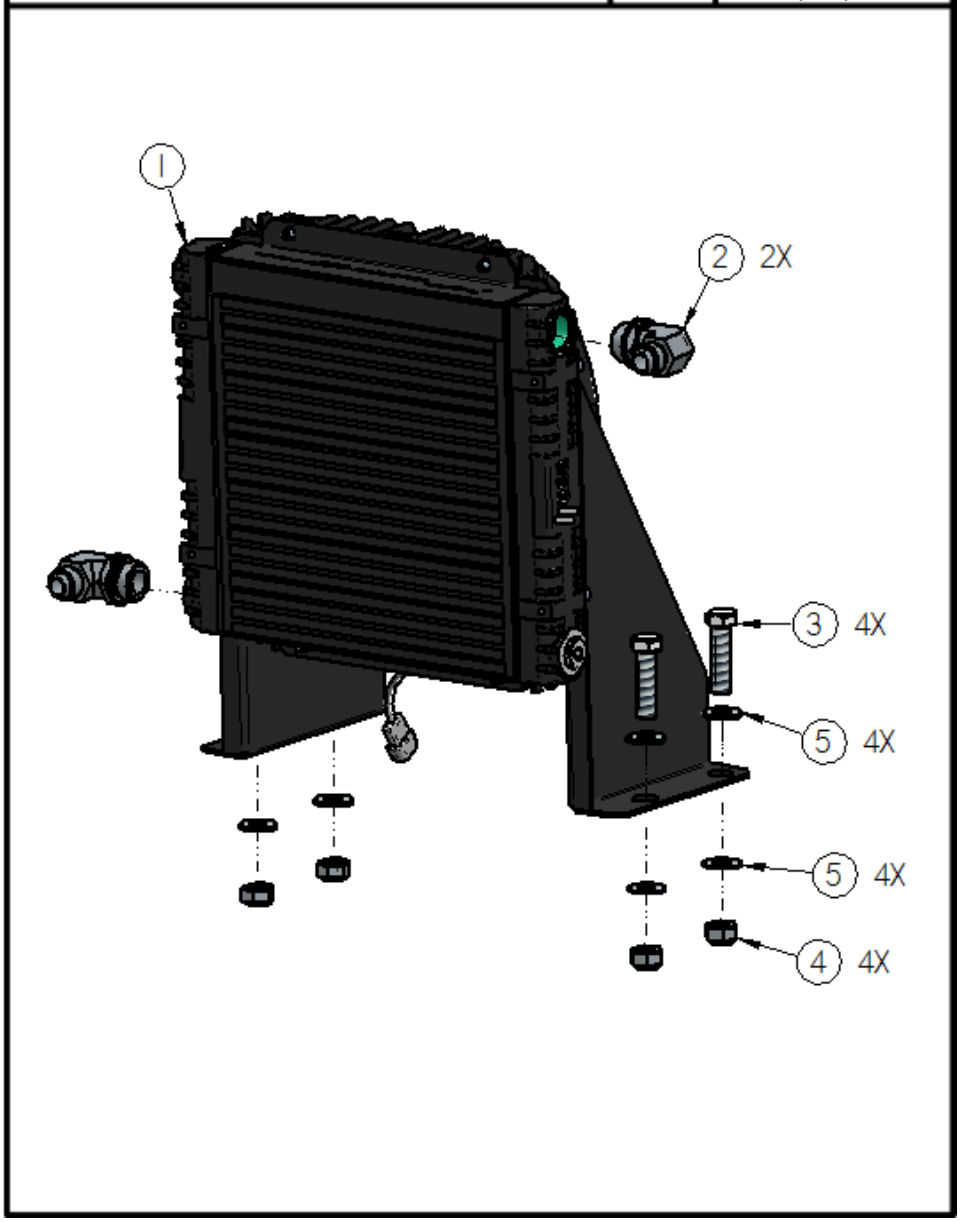
9.4.4.1 70100308 – BOOSTER CONTROL VALVE



ITEM	PART NO.	DESCRIPTION	QTY
1	70102439	MANIFOLD BLOCK	1
2	70102322	VALVE-LOAD CNTRL,4.5:1,3000PSI	1
3	70102362	VALVE-COUNTERBALANCE, 4.5:1, 1500 PSI	1
	70100860	SEAL KIT FOR COUNTERBALANCE VALVES	2

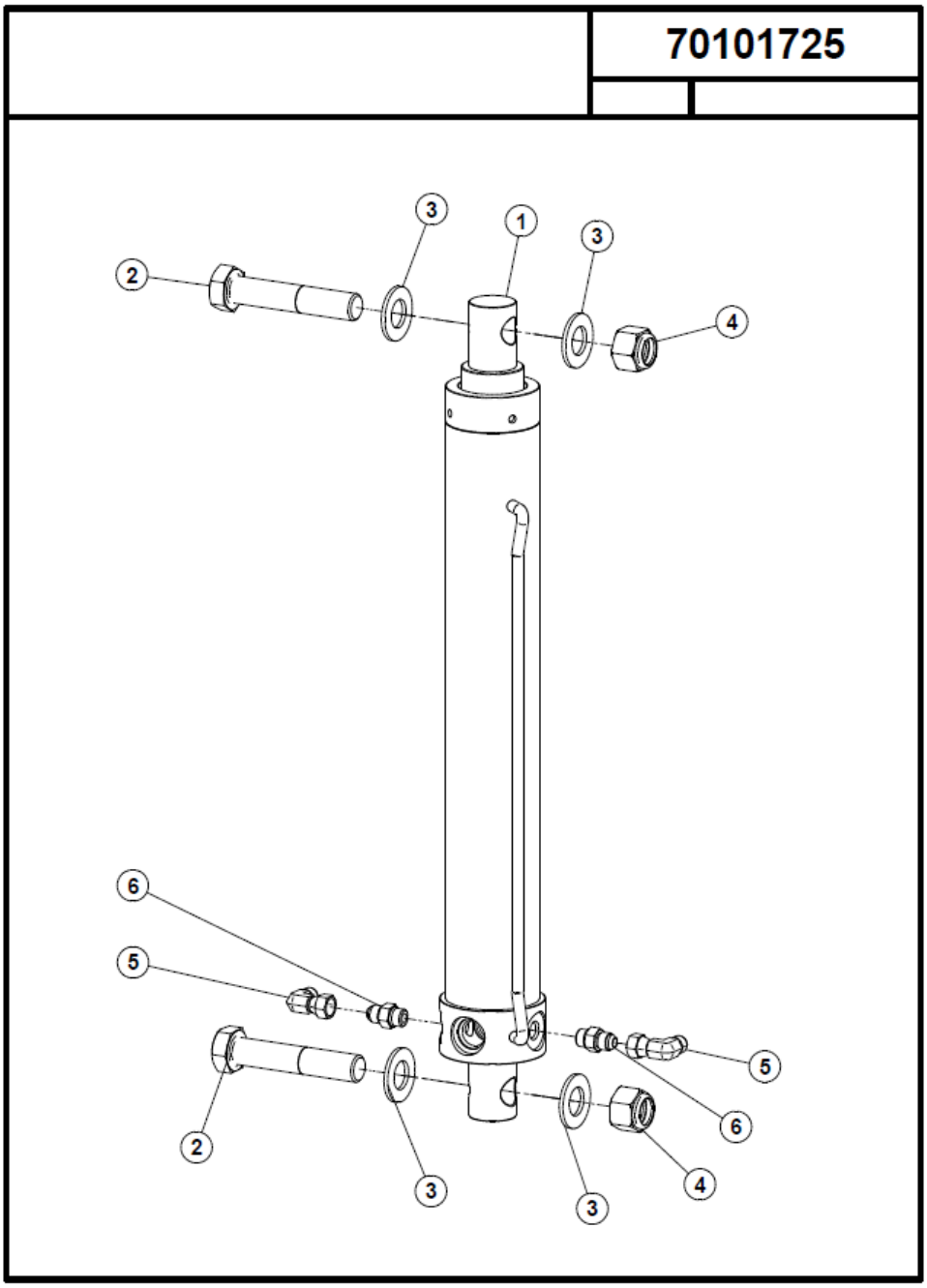
9.4.5 70101688 – ASSY, ASA OIL COOLER FITTINGS

	70101688	
	00	1/30/24



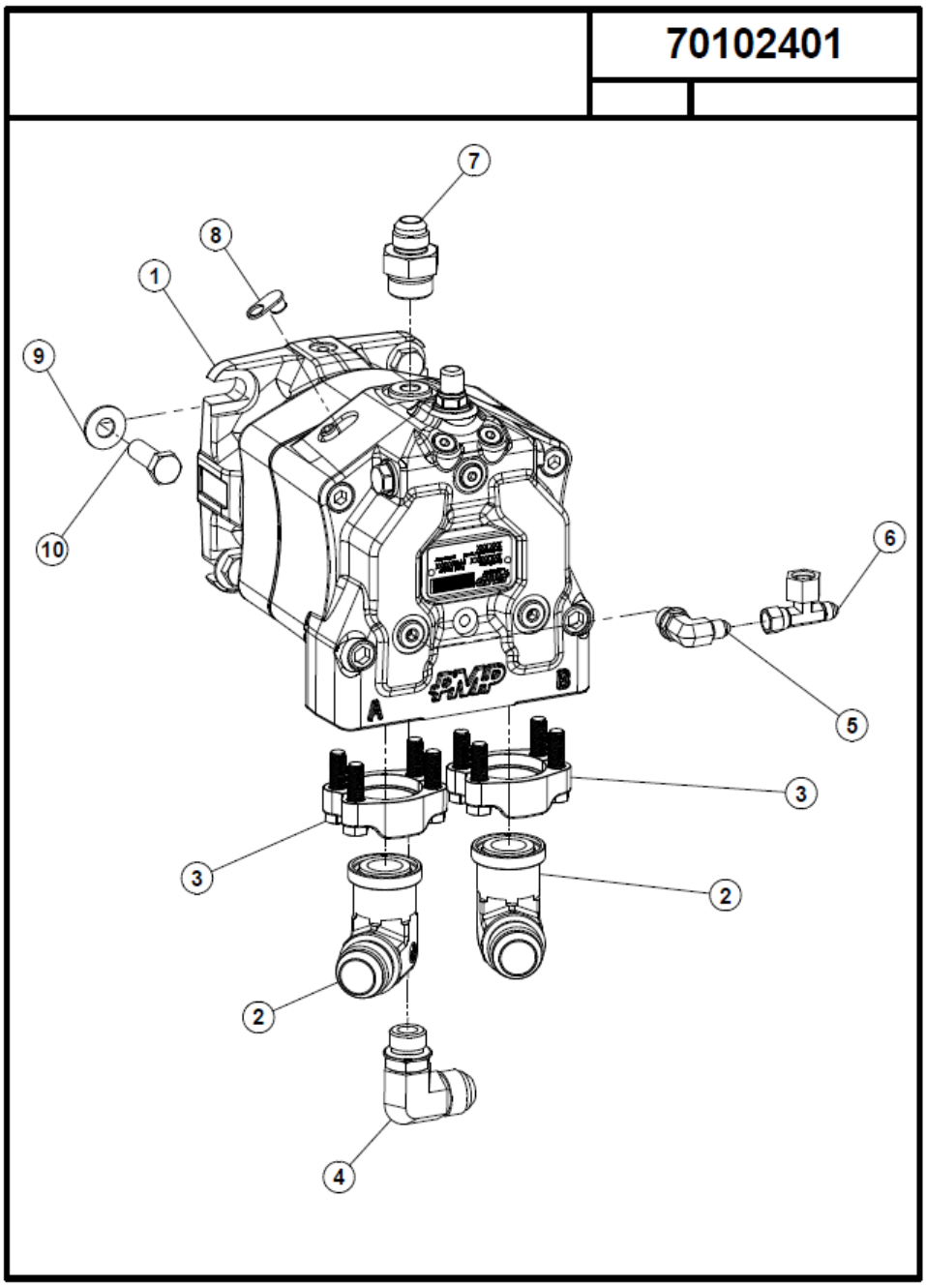
ITEM	PART NO.	DESCRIPTION	QTY
1	70101687	OIL COOLER WITH INTERNAL BYPASS	1
2	30389358	FITTING - HYD 90° ELB #12 37° X #16 ORB	2
3	10001357	SCREW ISO 4017 M 16 X 60-8.8-VZD	4
4	10133552	SCREW RETAINER SKM 16-GT320	8
5	10001286	NUT DIN 985 M 16-8-VZD	4

9.4.6 70101725 – ASSY, CHUTE CYLINDER FITINGS



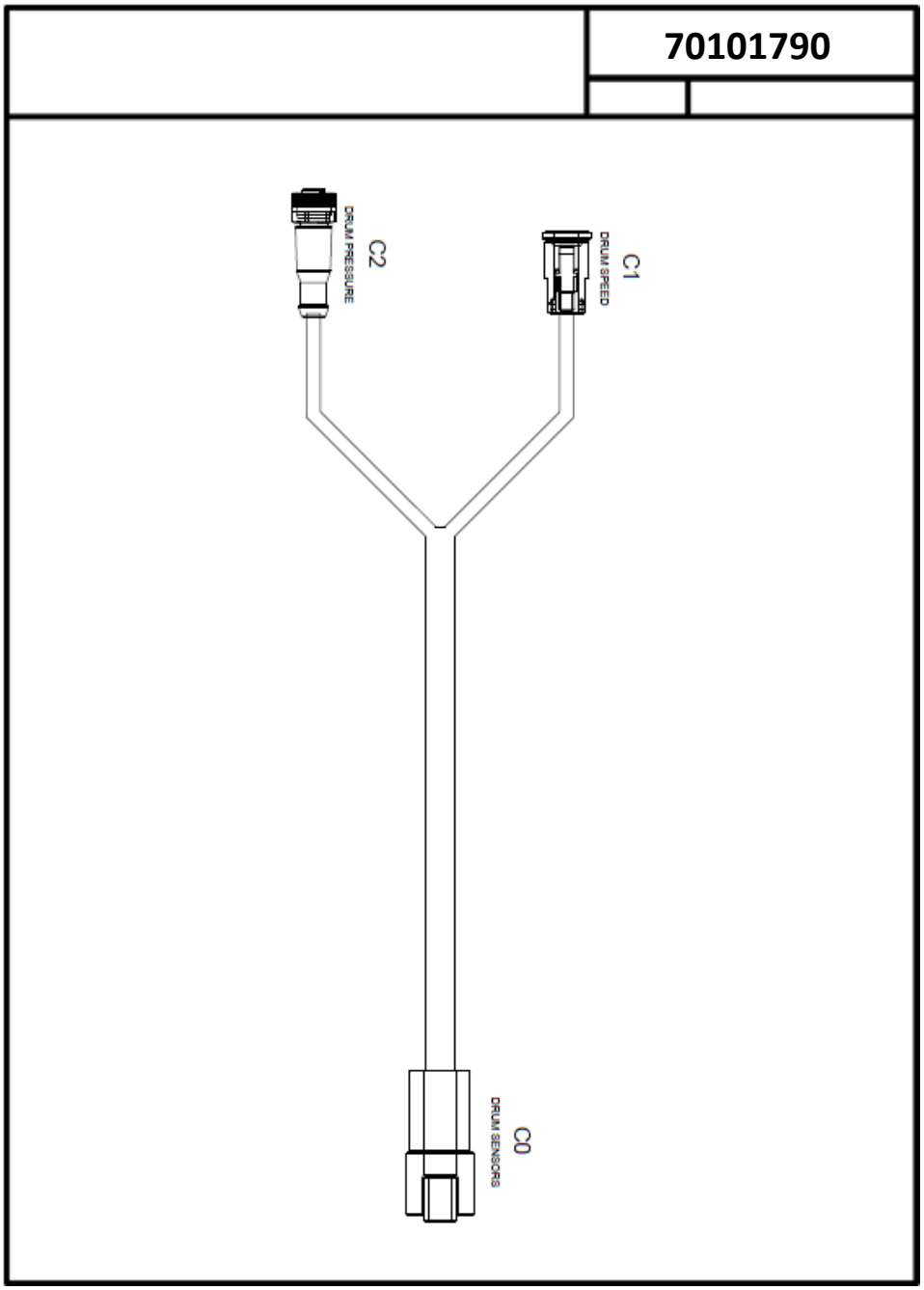
ITEM	PART NO.	DESCRIPTION	QTY
1	30389813	CYLINDER - CHUTE, MIXER W/PILOT OPERATED	1
2	30349328	SCREW - 7/8"-9 UNC X 4 1/2"LG GR.5 HHCS	2
3	30389198	WASHER - FLAT, 7/8" SAE STD.	4
4	30389199	NUT, LOCK 7/8"-9 UNC (NYLOCK) GR.5	2
5	30389374	FITTING, HYD. ELB. 90 #6 SWIVEL X FLARE ELBOW	2
6	30389362	FITTING - HYD #6 37° X #6 ORB	2

9.4.7 70102401 – ASSY, MOTOR PMP

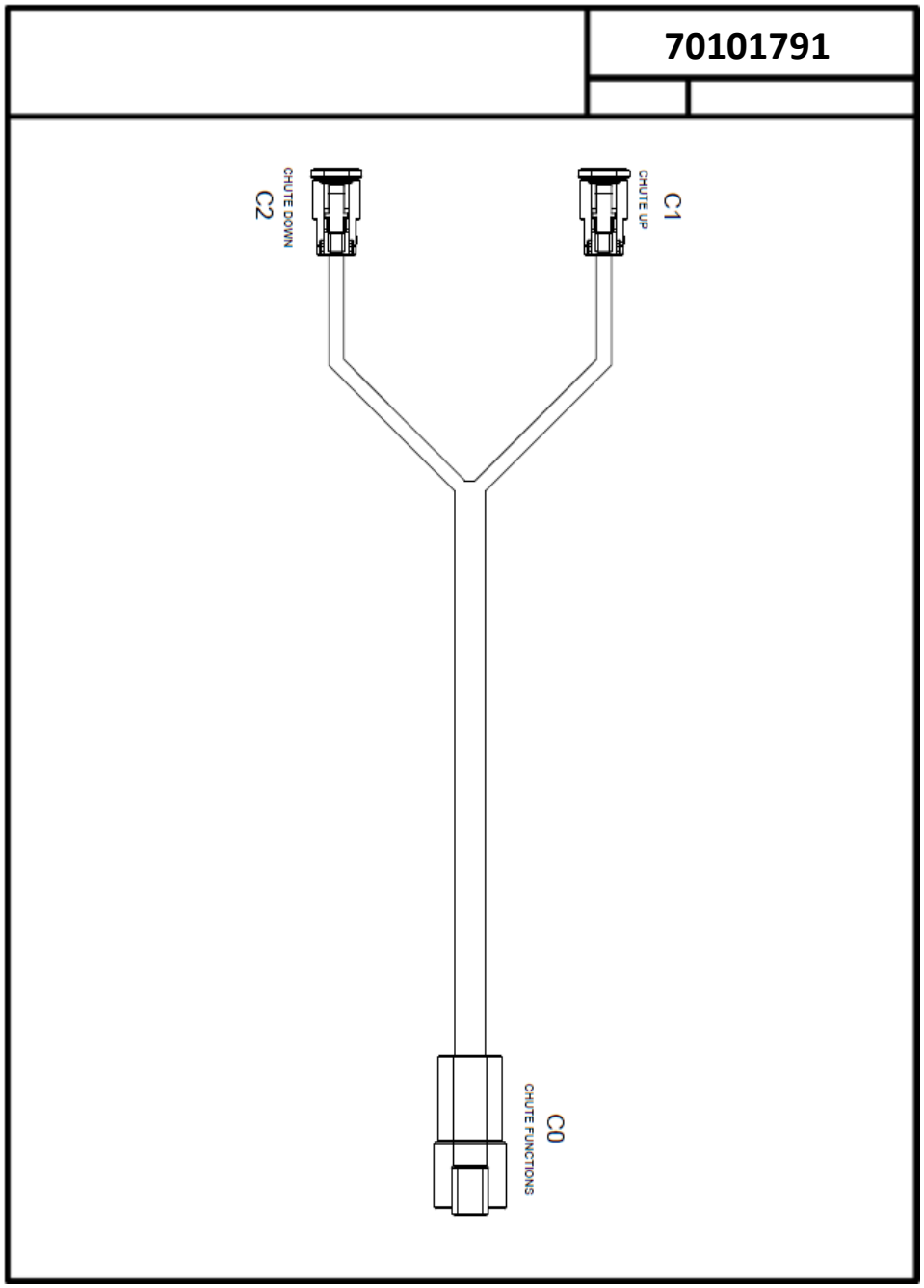


ITEM	PART NO.	DESCRIPTION	QTY
1	70101870	MOTOR, HYD, PMP	1
2	30389370	FITTING – HYD, ELB 90° 1” FLANGE 61	2
3	30307799	KIT – FLANGE 1” CODE 61	2
4	30389269	FITTING – HYD #12 37° X #10ORB	1
5	30389167	FITTING – HYD 90° ELB #4 37° X #6ORB	1
6	98404186	FITTING – HYD TEE, #4 37° X #4 37° X #4 FORB	1
7	30389268	FITTING – HYD, 90° #12 37° X #10ORB	1
8	70101871	SENSOR, SPEED, PMP	1
9	10129840	SCREW RETAINER SKM 12-GT320	4
10	10001519	SCREW DIN 933 M12 X 35	4

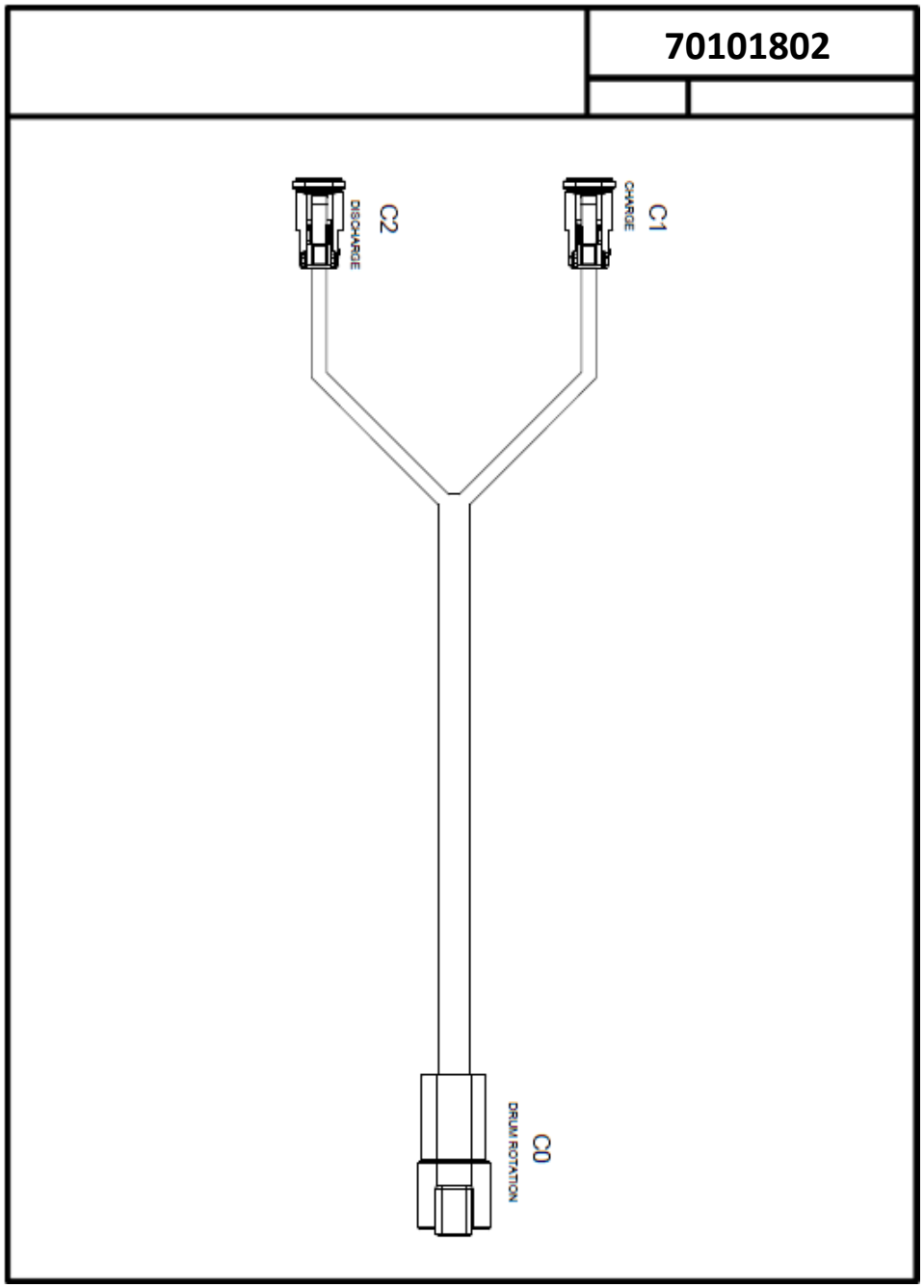
9.4.8 70101790 – HRN, DRUM SENSORS



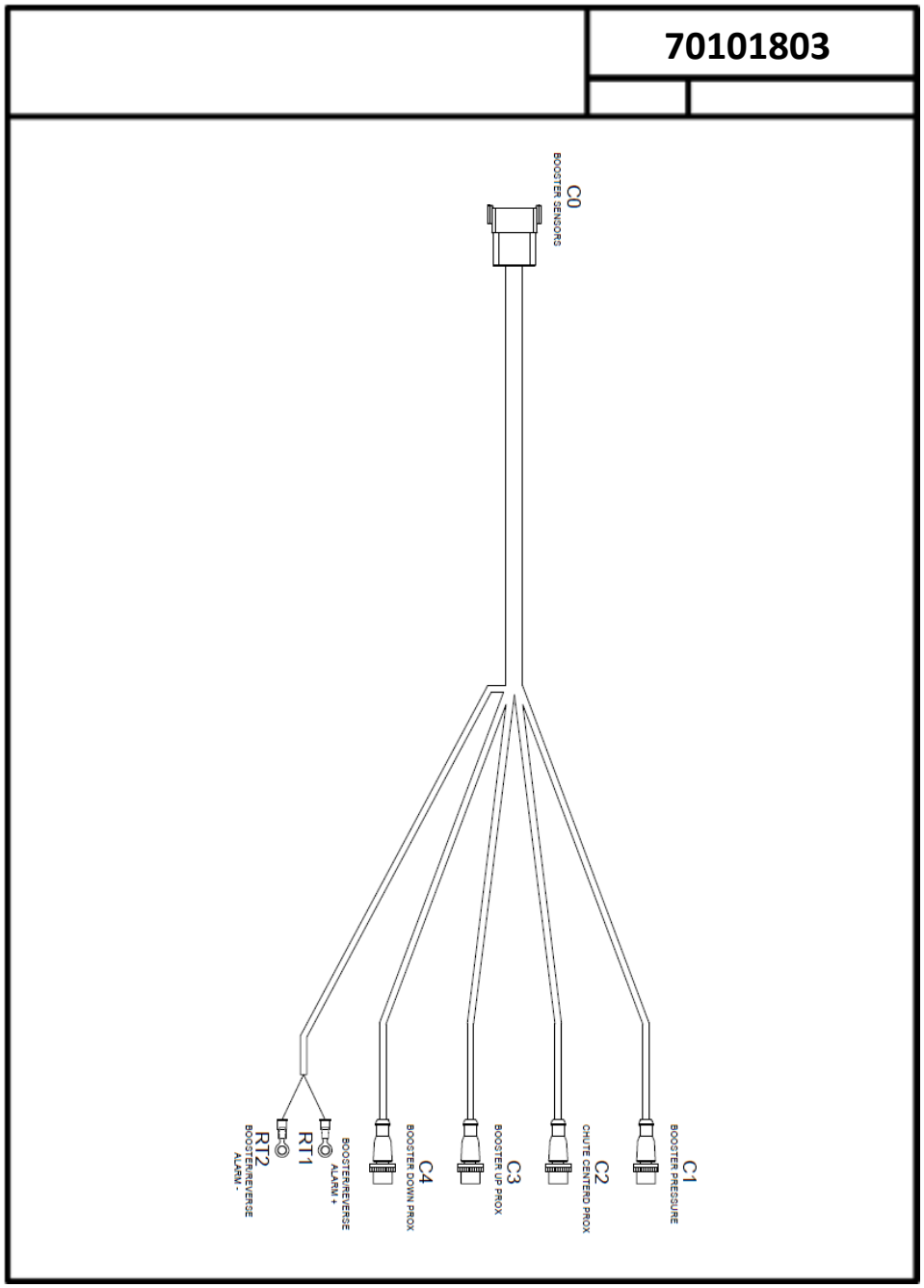
9.4.9 70101791 – HRN, CHUTE UP/DOWN



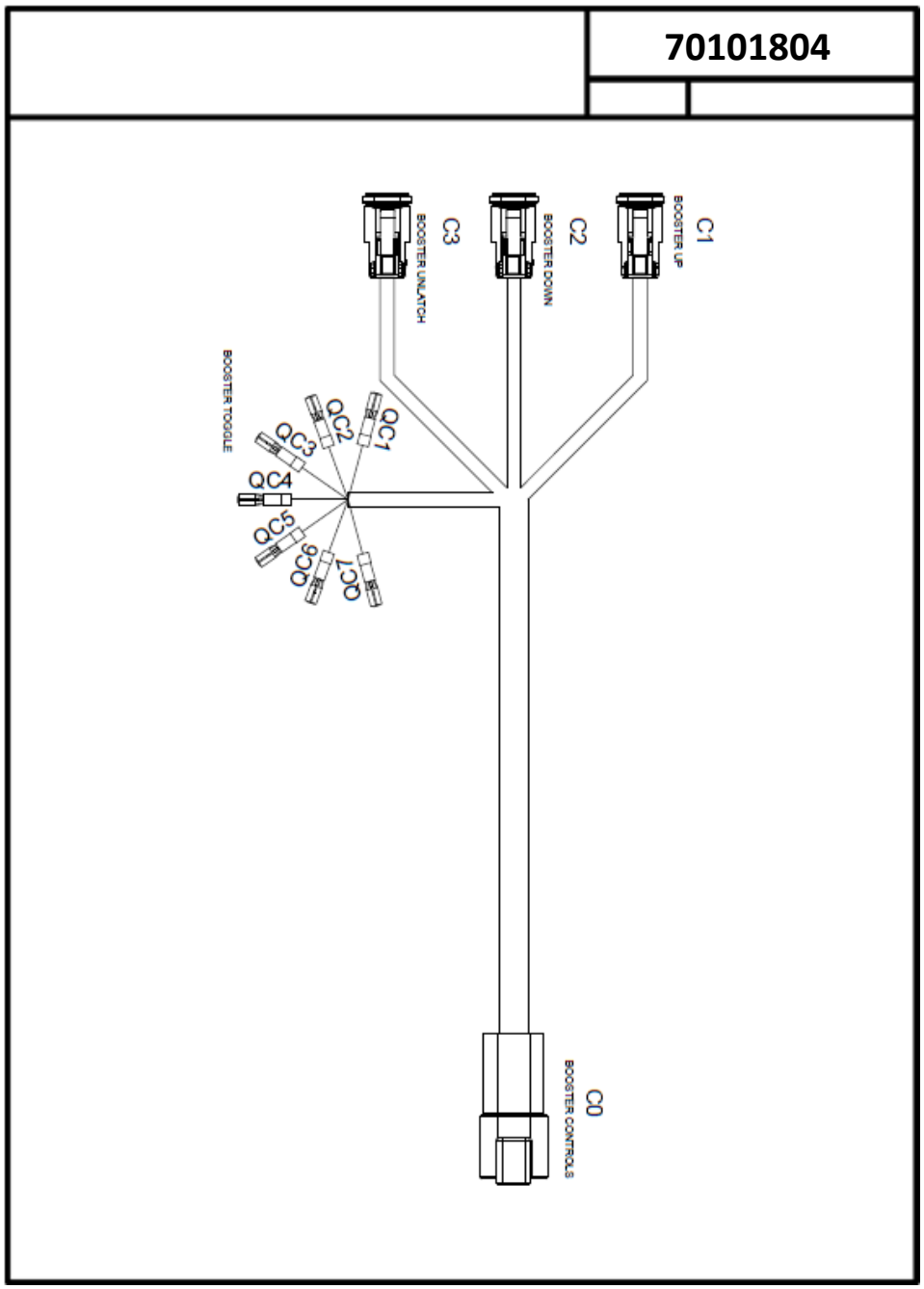
9.4.10 70101802 – HRN, DRUM ROTATION



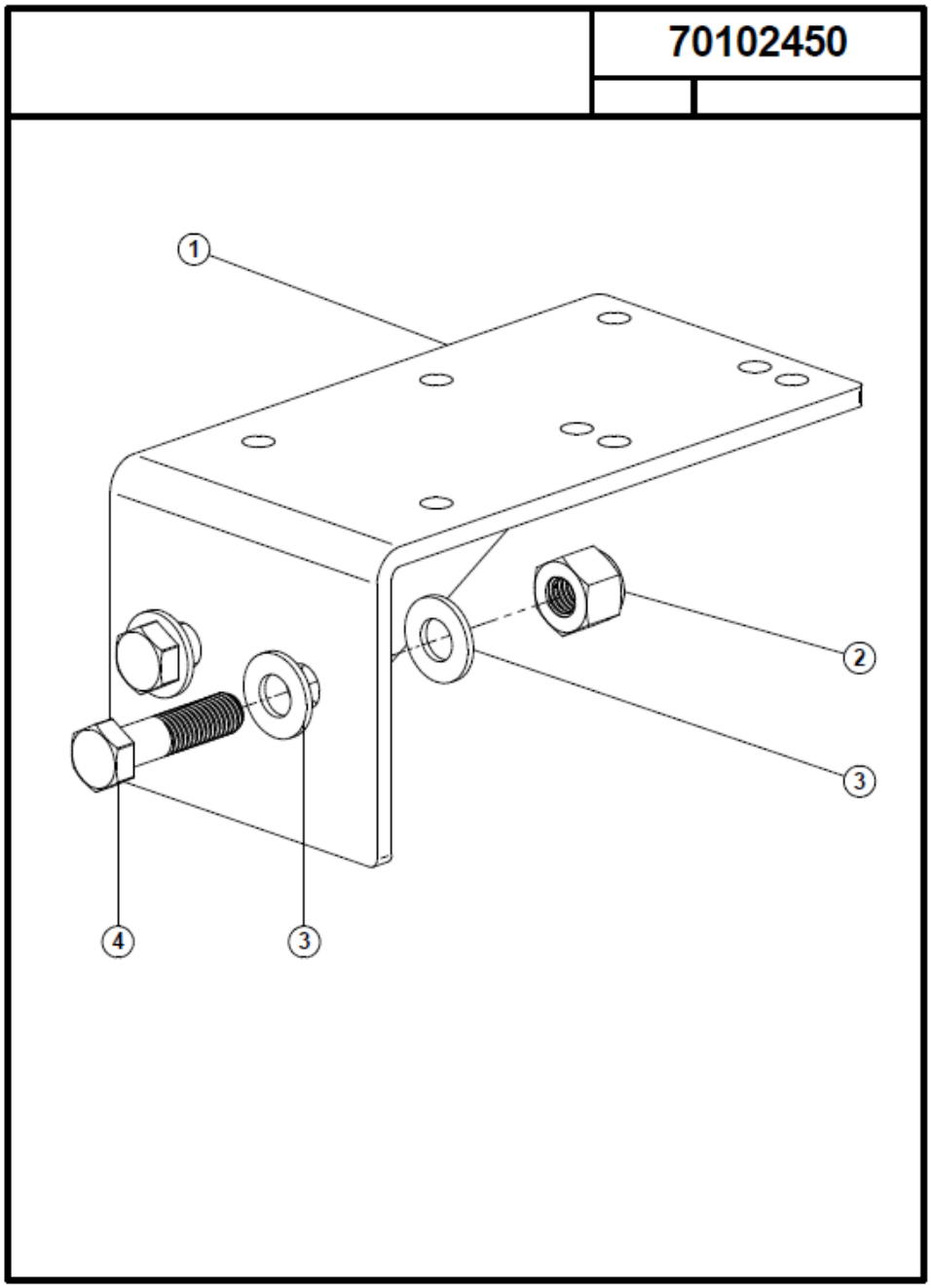
9.4.11 70101803 – HRN, BOOSTER SENSORS



9.4.12 70101804 – HRN, BOOSTER CONTROLS



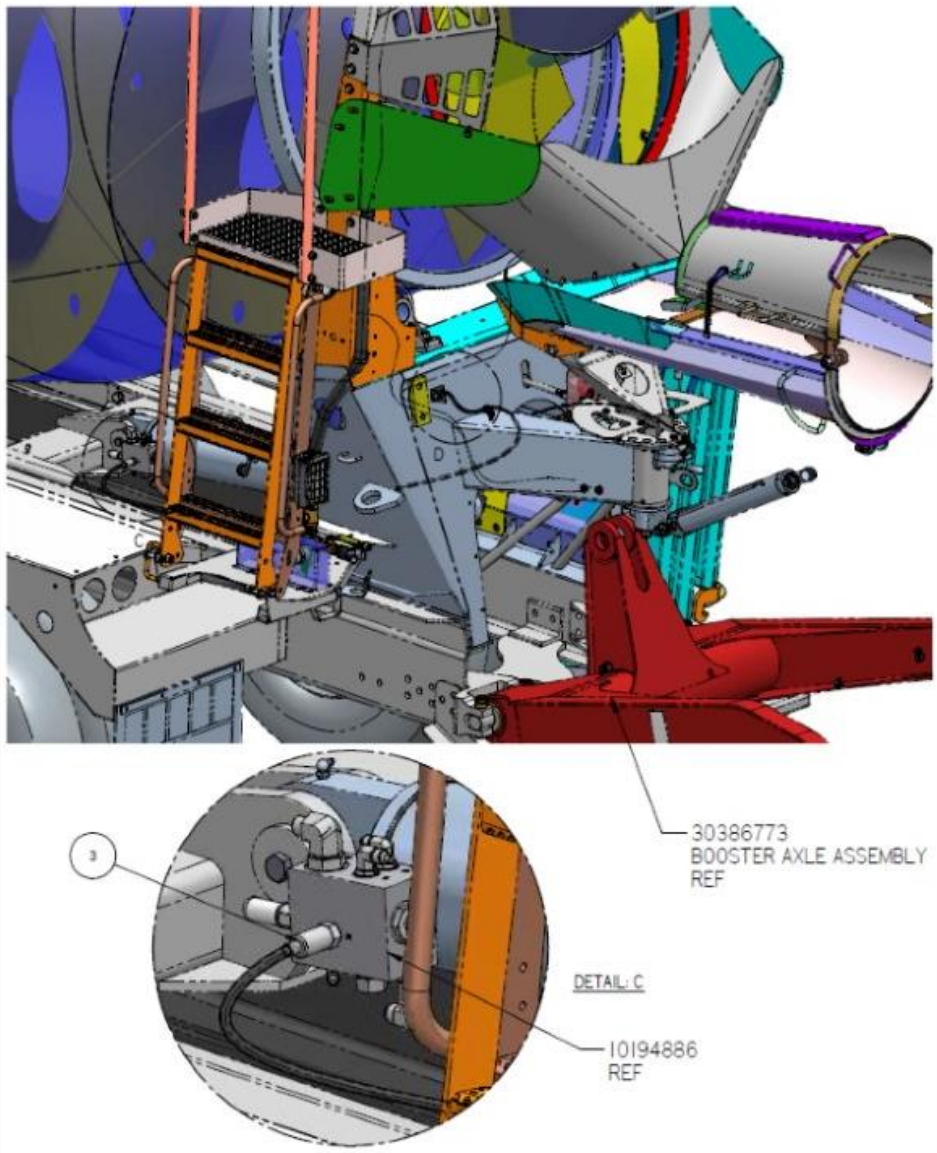
9.4.13 70102450 – ASSY, VALVE BRACKET



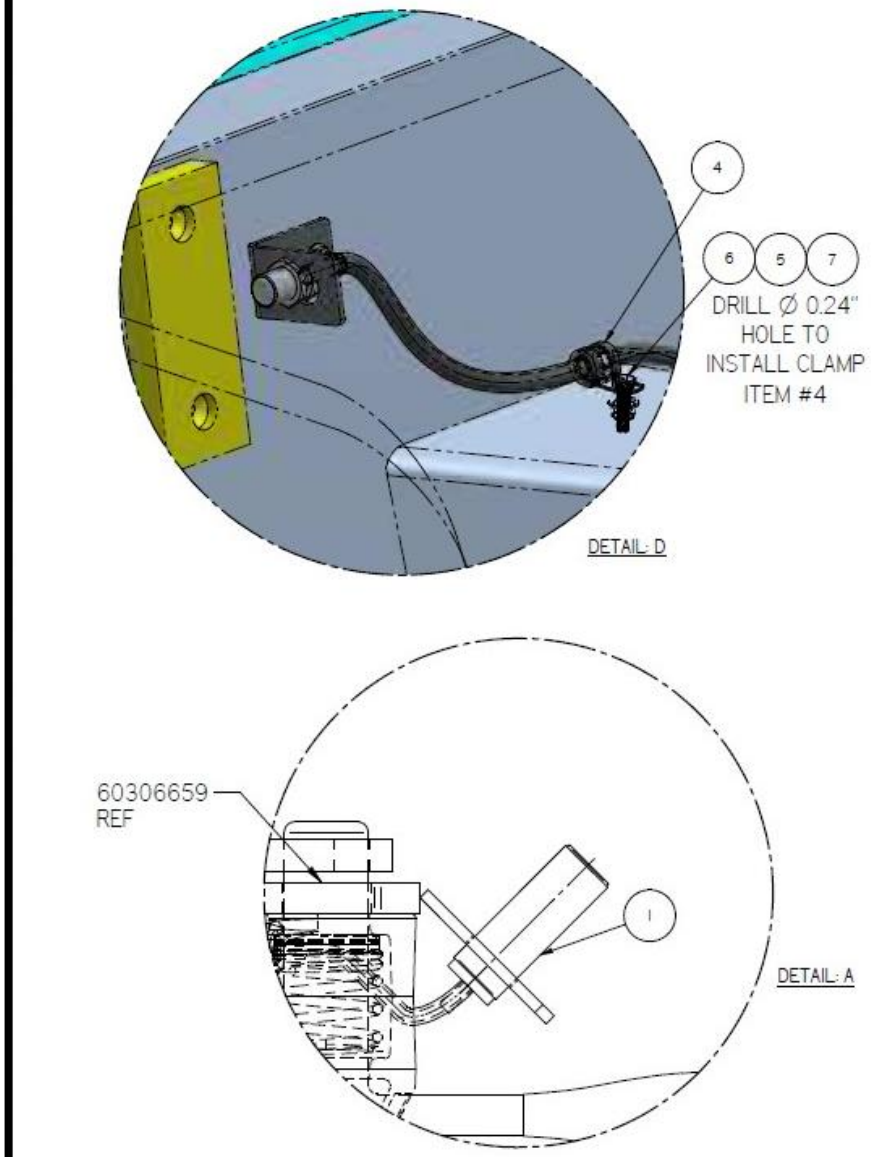
ITEM	PART NO.	DESCRIPTION	QTY
1	30358416	WMT-VALVE BRACKET, BSTR & CHUTE	1
2	30391335	WASHER, FLAT 1/2”	4
3	30307220	NUT, NYLOCK 1/2”-13	2
4	30337904	HHCS, 1/2”-13 X 2”	2

9.4.14 98414087 – ASSY, REAR PED ELECTRICAL

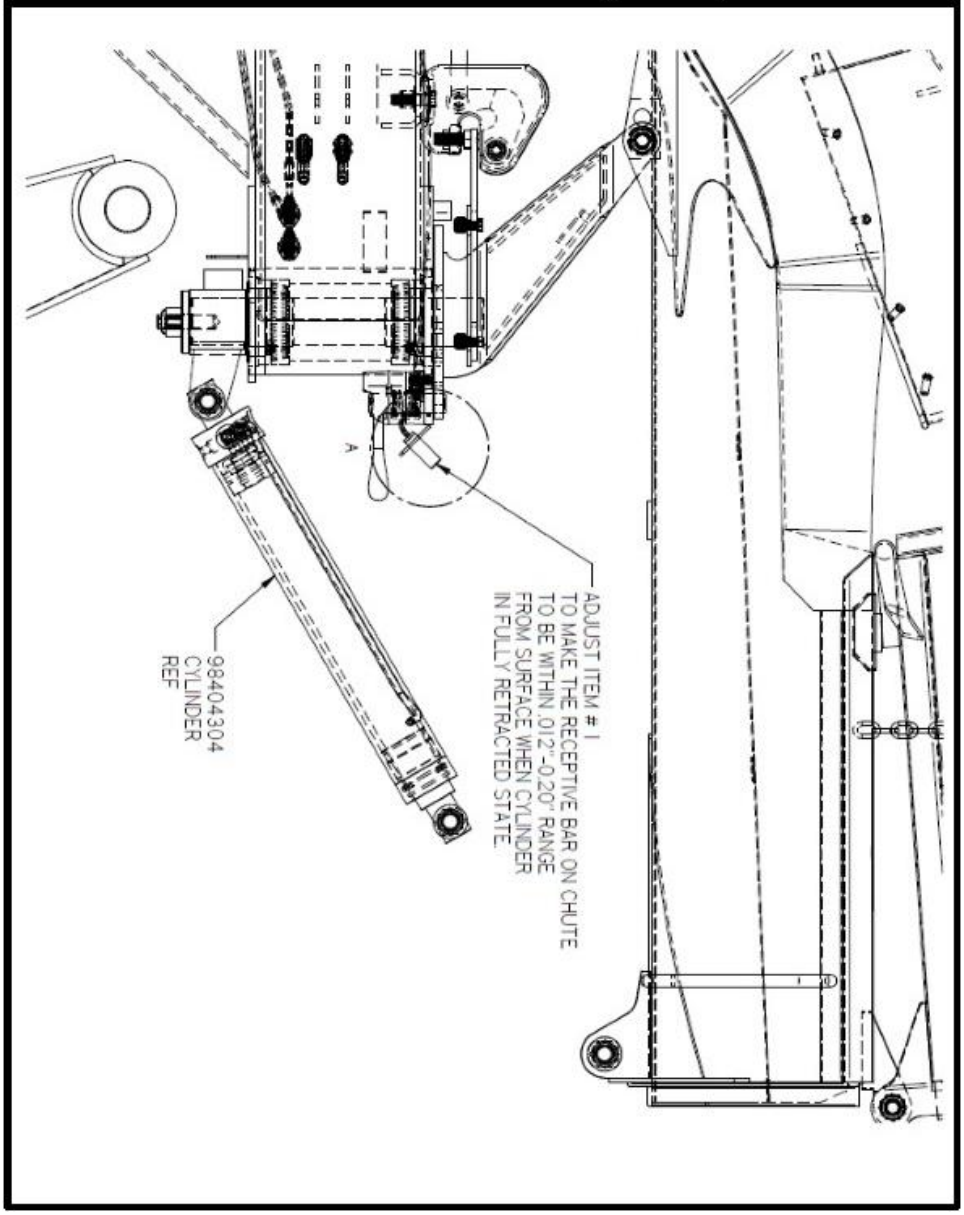
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	01	01/12/22



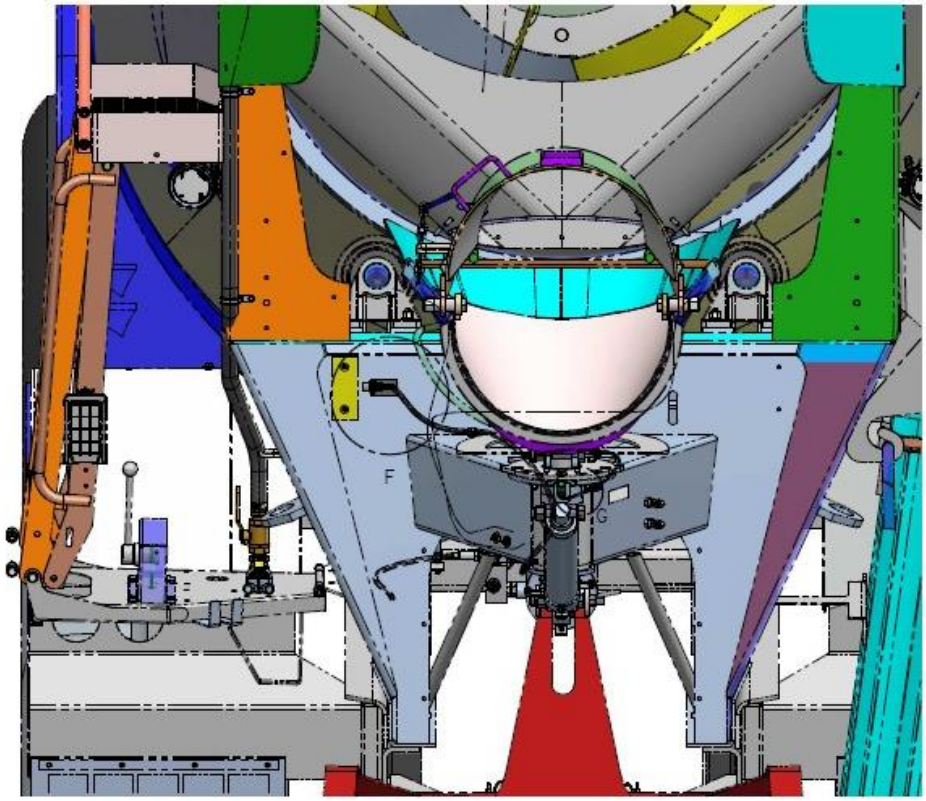
	98414087	
	01	01/12/22



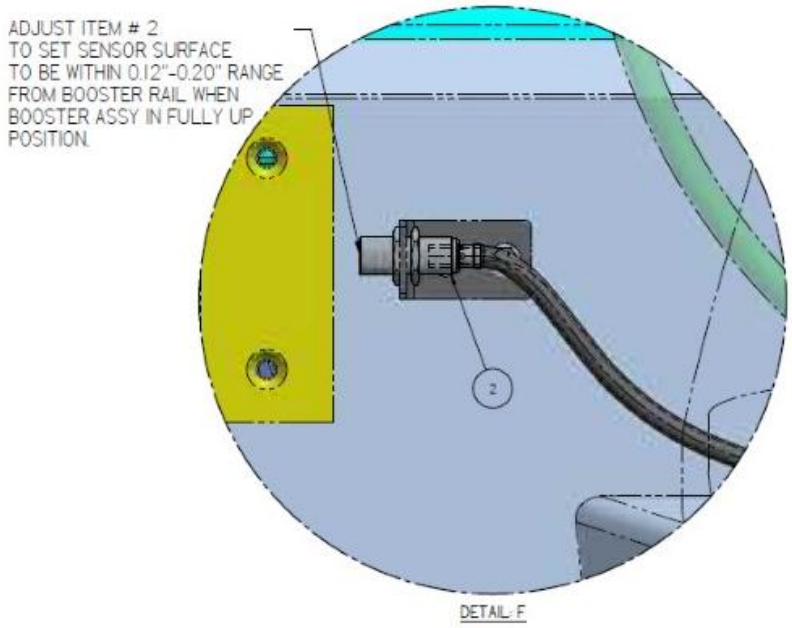
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	01	01/12/22



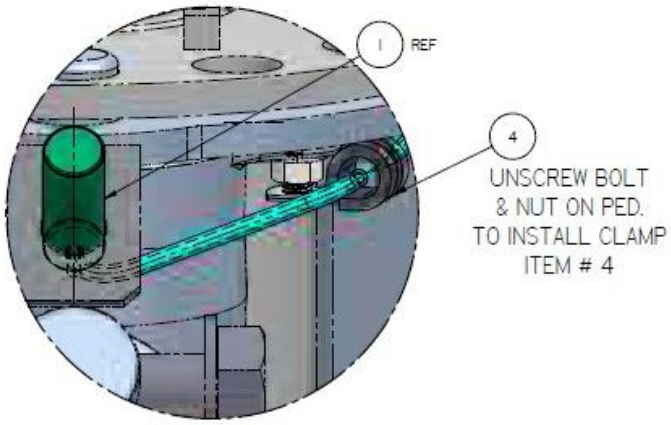
	98414087	
	01	01/12/22



	98414087	
	01	01/12/22



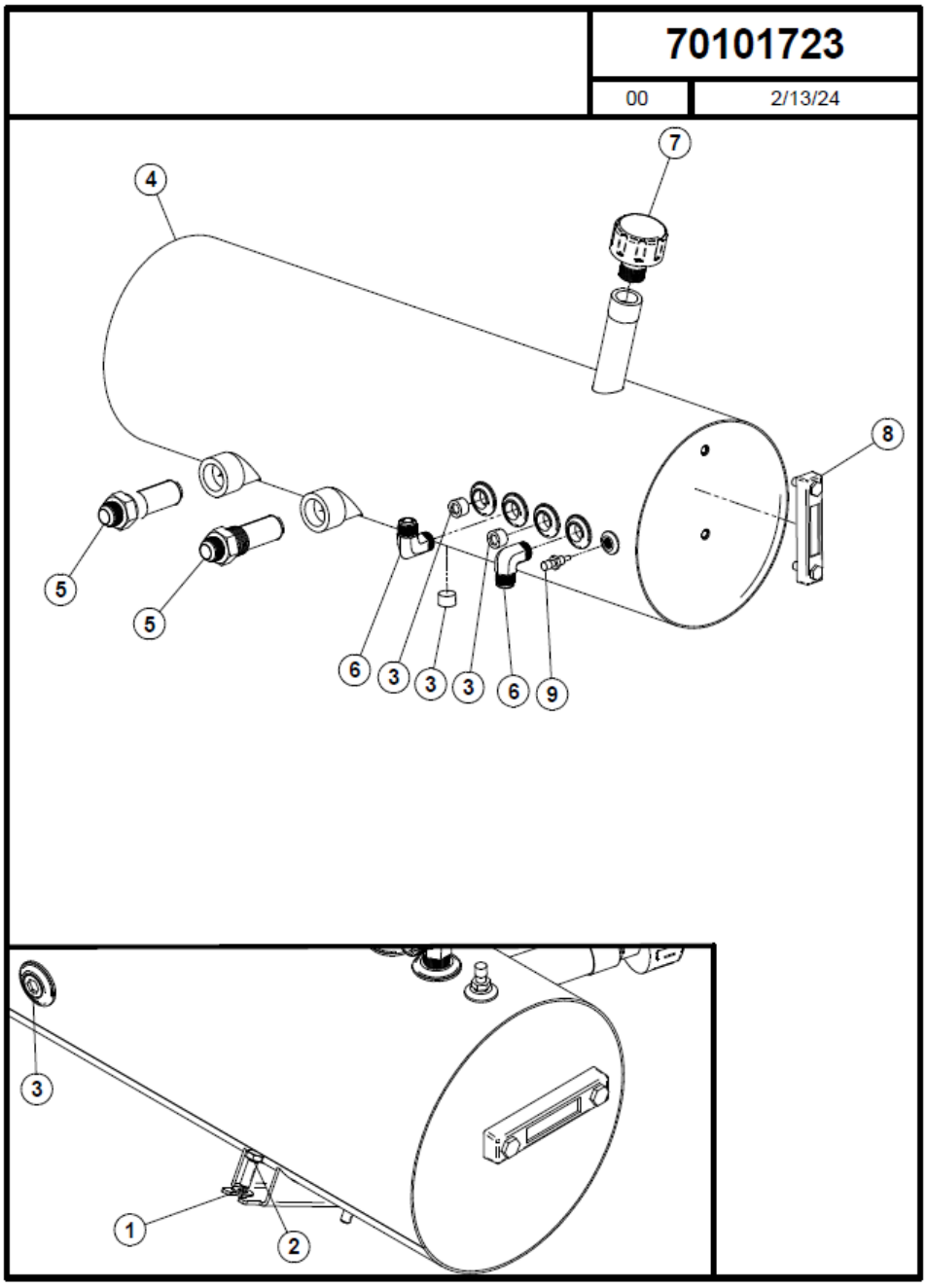
DETAIL: F



DETAIL: G

ITEM	PART NO.	DESCRIPTION	QTY
1	30350926	OPER - SENSOR, PROXIMITY W/6" CABLE	1
2	98402792	SENSOR IND. PROX 18MM PNP 8MM RANGE M12	1
3	98397598	SENSOR PSI 4-20MA	1
4	98414155	HARNESS - CLAMP, 1/2" GALV. FULLY CUSHIONED	2
5	30303735	WASHER - FLAT, 1/4" USS - FE/ZN 3AT	1
6	30302132	1/4/-/20 NC X 1" LG	1
7	30391374	NUT - 1/4 -20 NC NYLOCK	1

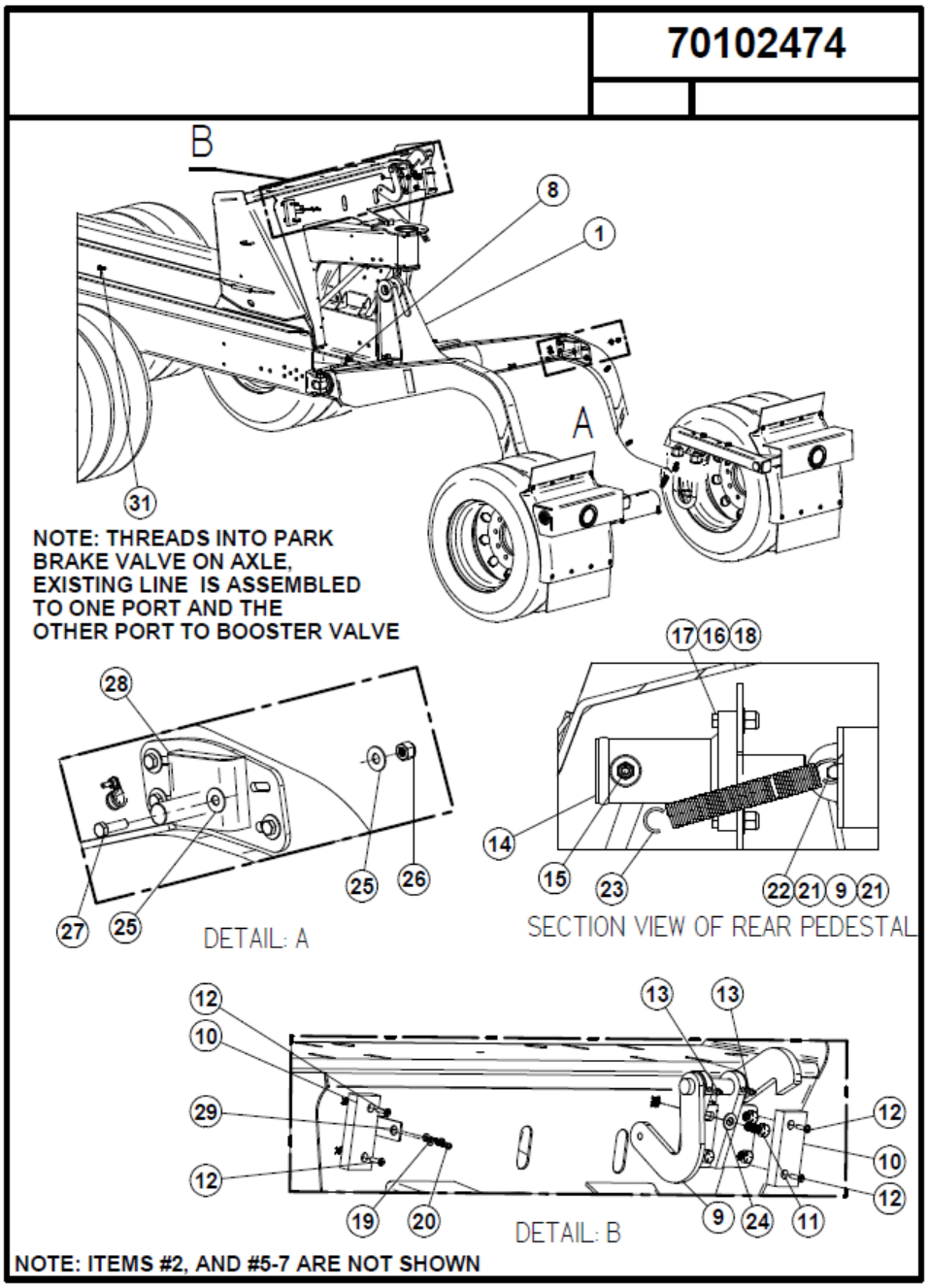
9.5 70101723 – ASSY, HYD BOOSTER TANK



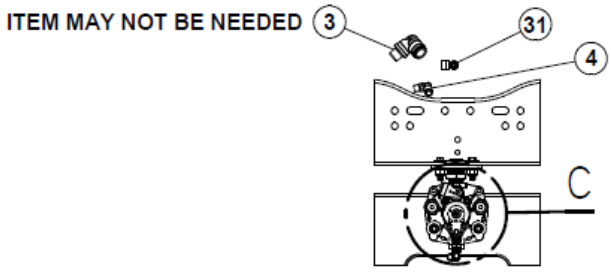
ITEM	PART NO.	DESCRIPTION	QTY
1	10129841	SCREW RETAINER SKM 10-GT320	4
2	10001861	SCREW DIN 933 M 10 X 30-8.8-VZD	4
3	30389259	FITTING, HYD PLUG 3/4" MNPTF	3
4	30389148	TANK - 18 GAL. HYD., BOOSTER/CONV.	1
5	30389719	FITTING, SUCTION STRAINER	2
6	30302148	FITTING, HYD 90° ELB 3/4" NPT X #12 37°	2
7	30389925	FILTER, HYD BREATHER TANK X 1" MPT	1
8	10012911	PARTS - GLASS LEVEL INDICATOR - 127/M 12	1
9	98397599	SENSOR TEMP 40 - 150 C	1
10	30389486	FITTING – HYD, ELBOW #16 SWIV X #16 FLARE	X*

*NOTE: ITEM #10 NOT SHOWN, WHEN NEEDED ASSEMBLES TO SUCTION STRAINER, QUANTITY DETERMINED BASED ON HOSE ROUTING.

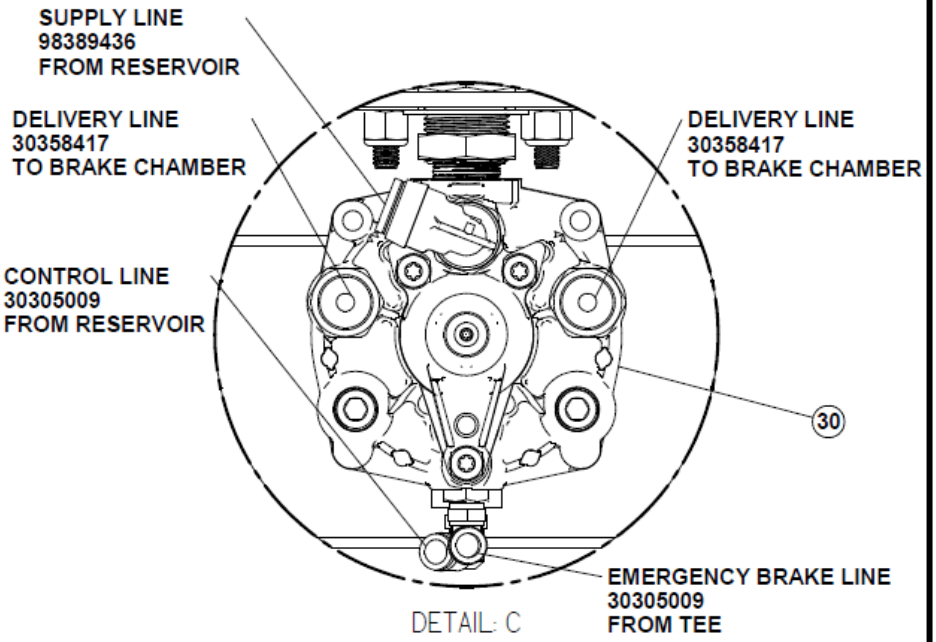
9.6 70102474 – ASSY,DUALLY BSTR, PARK BRAKE



70102474



FRAME END VIEW
BOOSTER HIDDEN FOR CLAIRITY



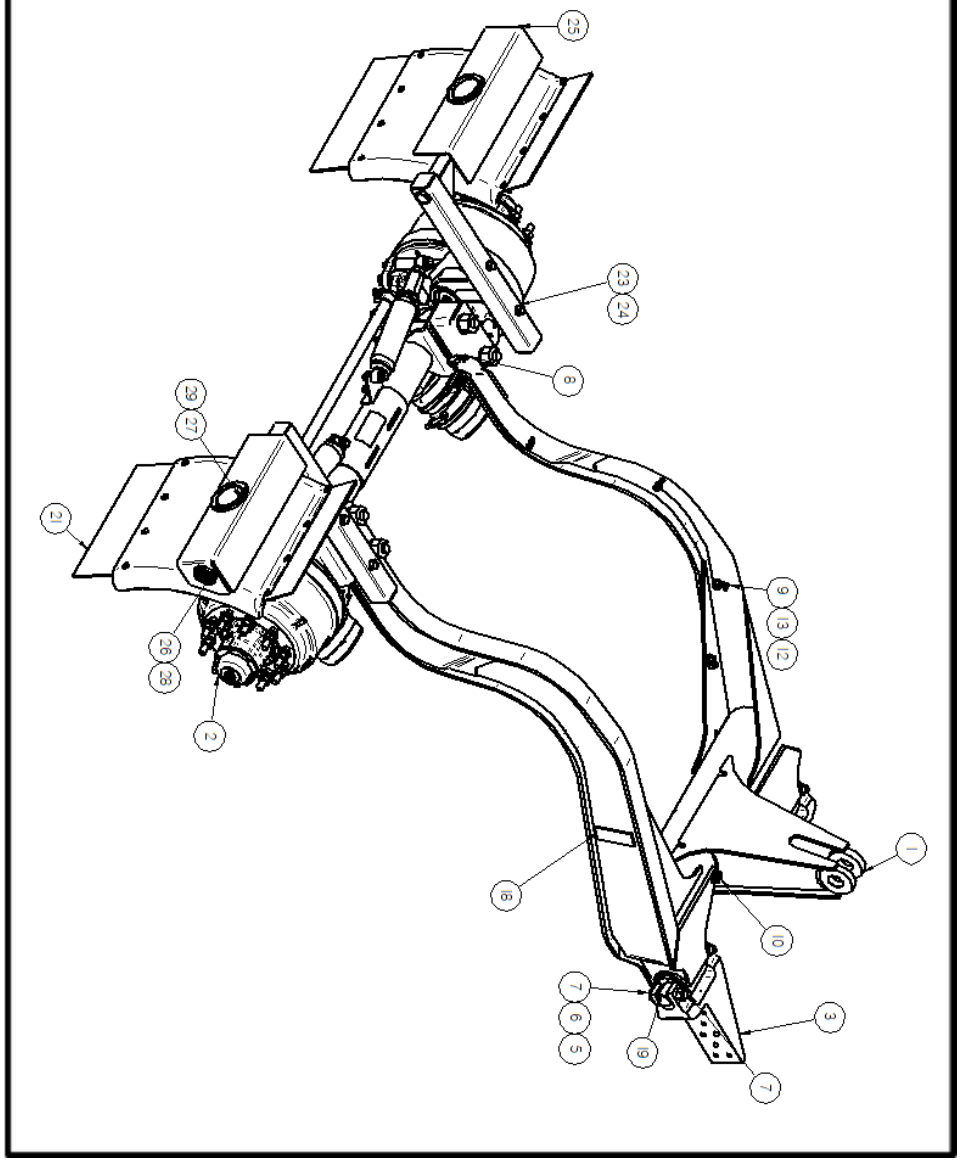
DETAIL: C

NOTE: TUBES AND HOSES NOT SHOWN.
SEE VIEWS FOR ROUTING.

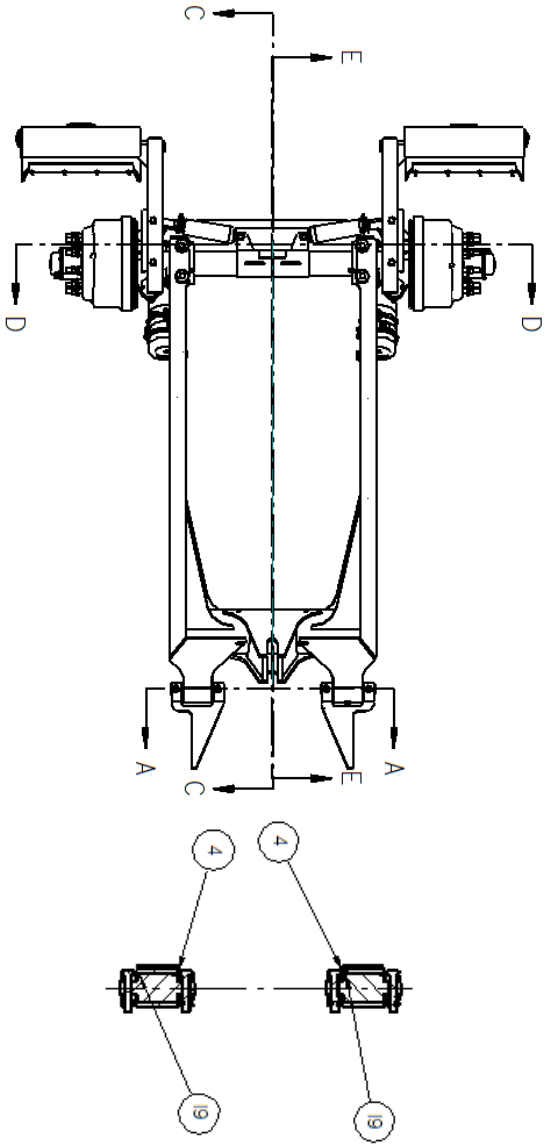
ITEM	PART NO.	DESCRIPTION	QTY
1	70101269	ASSY, BOOSTER AXLE (PLAIN) DUALLY	1
2	30358417	HOSE - PNEU, AIR BRAKE 3/8" ID X 3/4" OD	32 FT
3	98417992	FITTING - ELB, 90° 3/4" TUBE X 1/2" NPTM	1
4	30351528	FITTING - HYD, EL 90 DEG 3/8" X 1/4" NPT NON SWIVEL	1
5	98389436	TUBE - PLASTIC, AIR LINE 3/4" OD/0.092 W	18 FT
6	30305009	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 W	14 FT
7	30389129	HARNESS - CONT, TAIL LIGHT BOOSTER	1
8	30367385	CLAMP - BEAM, HAMMER-ON - 5/16" TO 1/2"	5
9	70101647	WLDT, LATCH BOLT ON	1
10	70101105	BOOSTER PAD 1" OFFSET	2
11	30358386	HHCS, 5/8"-11 X 1 3/4" GR.5	4
12	30389783	SCREW - FPHMS 5/- X LG. ZINC	4
13	30308466	FITTING - LUB, GREASE ZERK STR 1/8 NPT	2
14	30389130	CYLINDER - HYD, LATCH BOOSTER AXLE	1
15	30389467	FITTING, HYD, MALE 3/8" NPT TO #6 FLARE	1
16	30302130	WASHER, FLAT,3/8, ZP	2
17	30348305	HHCS, 3/8-16UNC X 1 1/2" GR5	2
18	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	2
19	30303735	WASHER, FLAT, 1/4" USS, ZP	2
20	30358320	HHCS, 1/4-20UNC X 1.25" GR5, ZP	2
21	30391328	NUT, JAM, 3/8-16UNC	2
22	30315057	HHCS, 3/8-16UNC X 3 1/4" GR5, ZP	1
23	30389039	SPRING - BOOSTER AXLE LATCH	1
24	98394254	WASHER - FLAT, 5/8", SAE GR 8 - FE/ZN5C	4
25	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	8
26	30307220	NUT, NYLON LOCK1/2 -13UNC	4
27	70101650	HHCS, 1/2-13 X 1.75"	4
28	70102180	WLDT – INSTRUCTIONS, 14 YD PIN	1
29	70102468	WLDT – UP PROX. SWITCH, 14YD	1
30	70102473	ASSY – BOOSTER RELAY VALVE	1
31	98336176	FITTING – 3/8” THREADED TEE	1

9.6.1 70101269 – ASSY, BOOSTER AXLE (PLAIN)

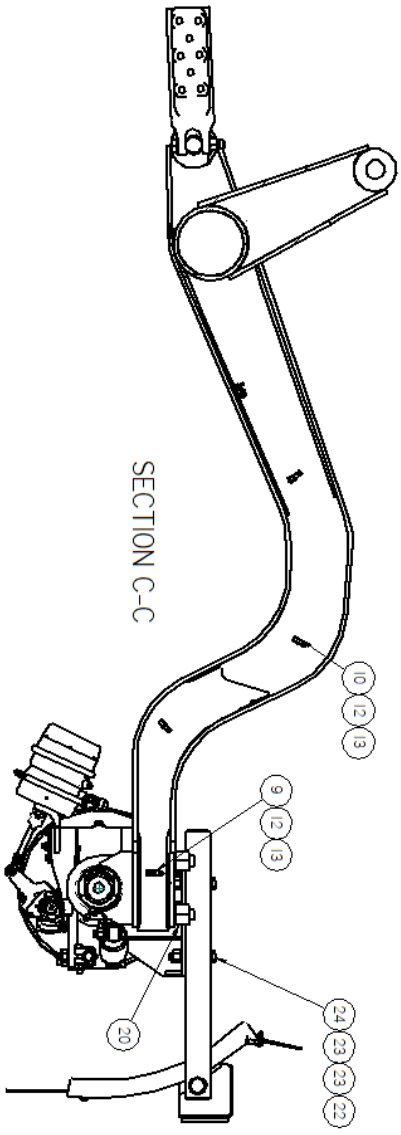
	70101269	
	00	08/04/23



	70101269	
	00	08/04/23



	70101269	
	00	08/04/23



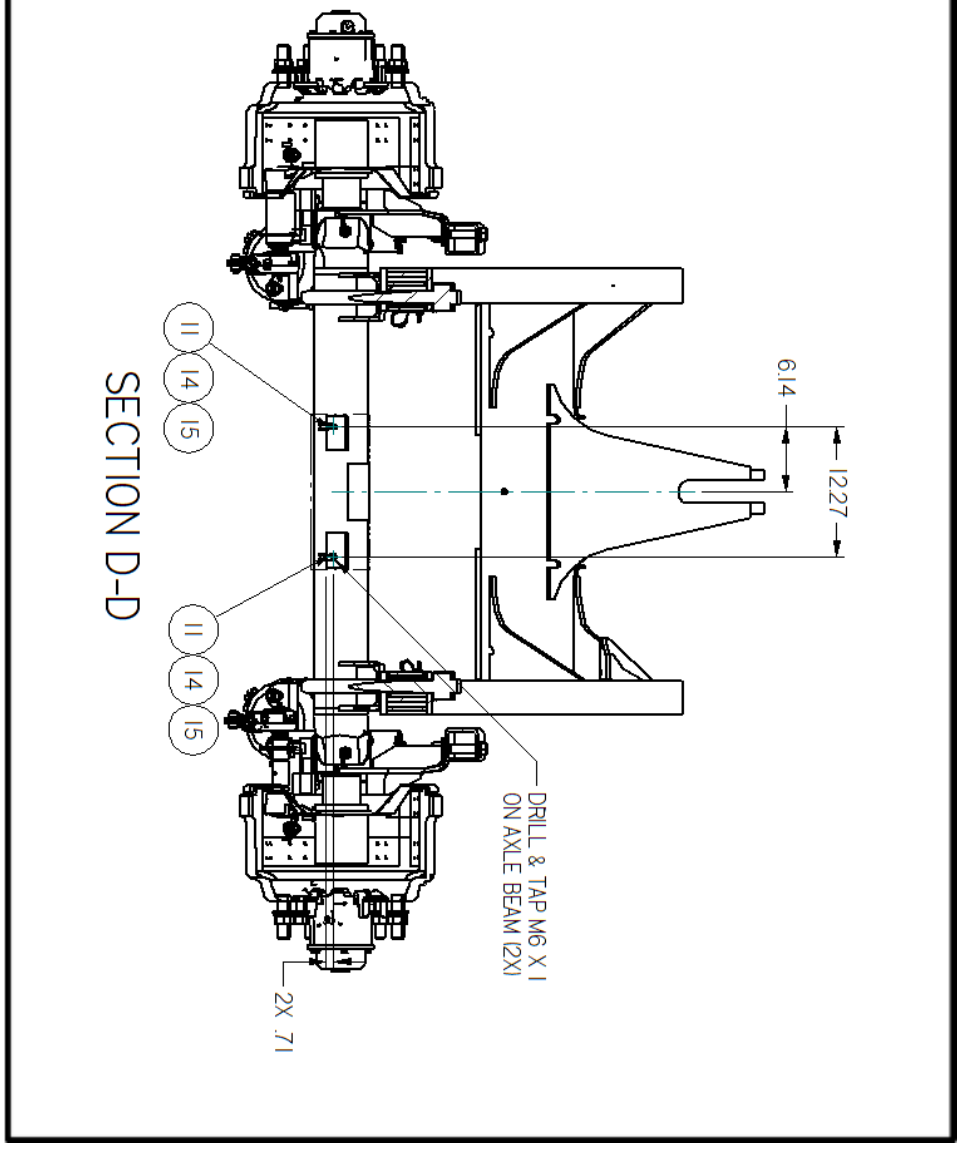
TIGHTENING PROCEDURE FOR U-BOLT

1. REMOVE BURRS ON THE THREADS WITH WIRE WHEEL.

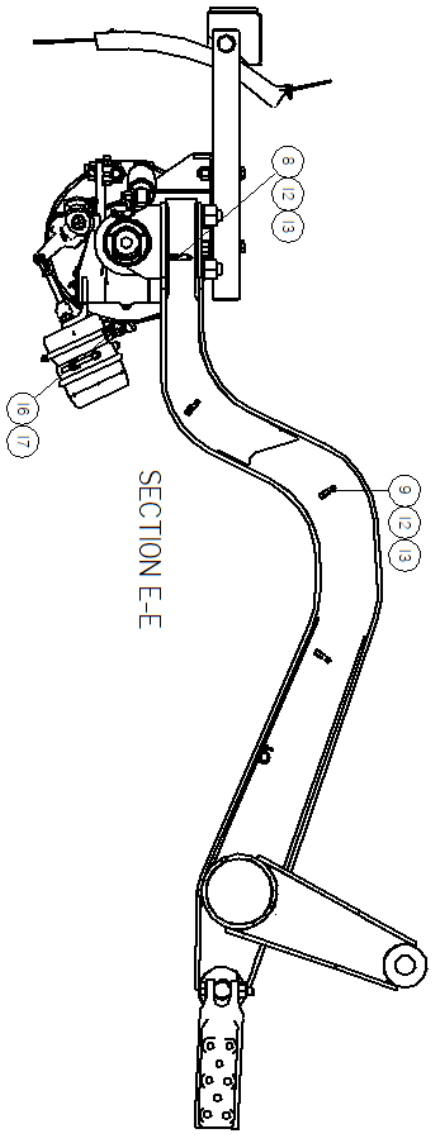
2. INCREMENTALLY TORQUE UP TO 500 FT-LBS, ALTERNATING FROM ONE SIDE OF U-BOLT TO THE OTHER. USE RED LOCTITE ON THREADS.

3. AFTER REACHING 500 FT-LBS, TAP ON THE BOTTOM OF THE U-BOLT WITH A LARGE HAMMER TO SEAT U-BOLT AND THEN RECHECK TORQUE. REPEAT THIS PROCESS UNTIL THE NUT NO LONGER TURNS.

	70101269	
	00	08/04/23



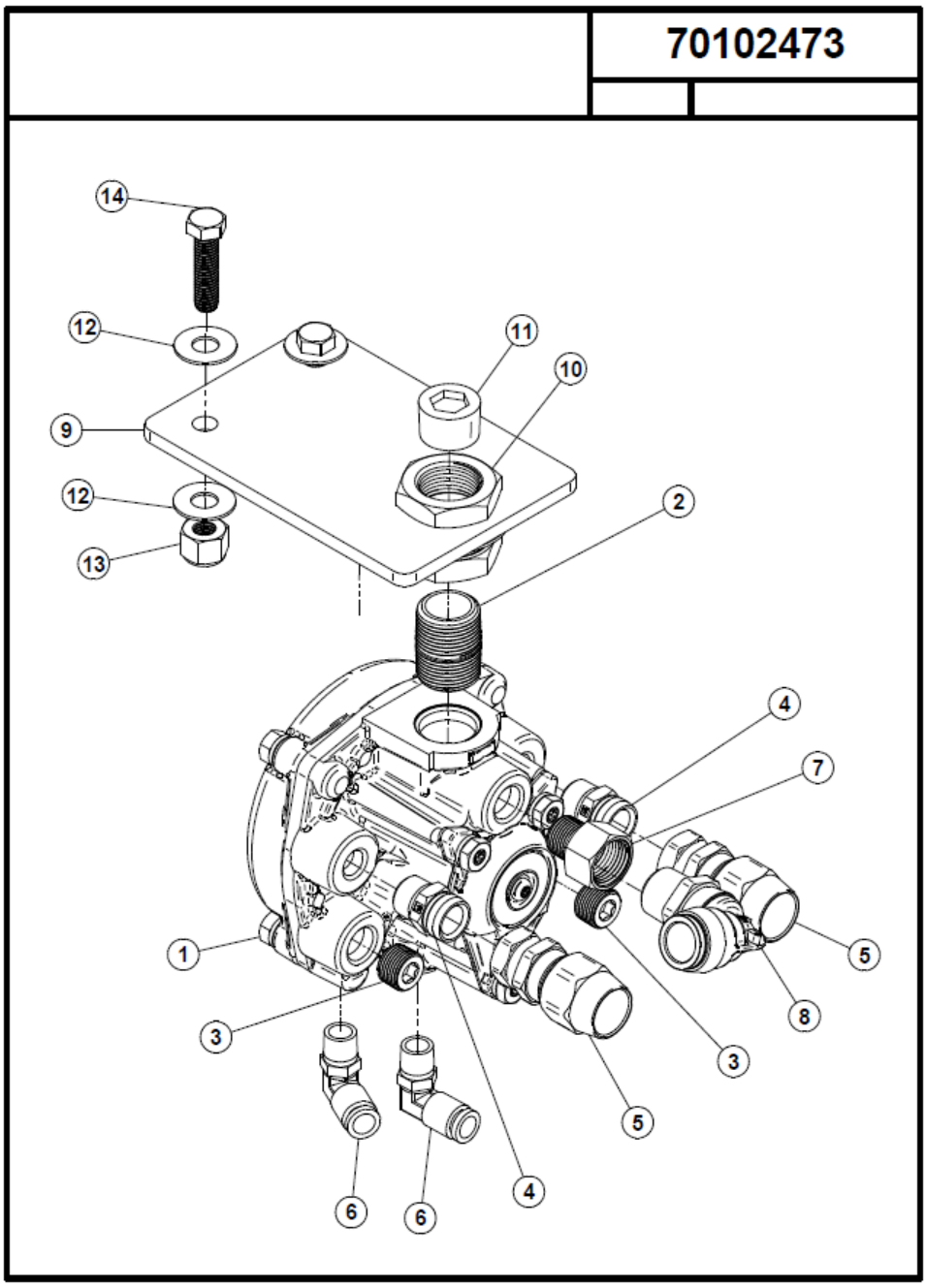
	70101269	
	00	08/04/23



ITEM	PART NO.	DESCRIPTION	QTY
1	70101255	WELDMENT - BOOSTER AXLE ARM	1
2	70101171	BOOSTER AXLE, DUALLY	1
3	30386606	CASTING, PIVOT BUSHING BRACKET	2
4	30386608	PLT - FORCE WASHER	2
5	70100199	NUT - NYLOCK 1-8 YZ8	4
6	70100200	WASHER - FLAT SAE 1" X 2" OD YZ	4
7	70100201	SCREW - HCS 1-8 X 5.5 YZ8	4
8	30389730	CLAMP - HOSE, RUBBER LINED X 1	1
9	30359262	HARN - CLAMP, 1" SS PARTIALLY	6
10	30359261	HARN - CLAMP, 3/4" SS PARTIAL CUSH	5
11	30389729	CLAMP - HOSE, RUBBER LINEDX9/16	2
12	30303735	WASHER, FLAT, 1/4" USS, ZP	12
13	30334582	NUT - LOCK 1/4"-20 NC NYLON INSERT	12
14	10134153	SCREW RETAINER SKM 6-GT320	2
15	10001762	SCREW ISO 4017 M 6 X 16-8.8-VZD	2
16	30359238	FITTING, AIR 3/4"-20X3/8" NPT-BRASS	2
17	30359237	FITTING, AIR, 3/4"-20X3/8" HOSE-BRASS	2
18	30354679	DECAL AXLE WARNING	2
19	30386609	BUSHING - BOOSTER PIVOT	2
20	70101293	U-BLT,1-1/4-7X5"X13.5"2.5"WHW	2
21	70101313	ASSY, FNDR BRKT, BOOSTER, DLY,RS	1
22	30304739	NUT - LOCK, 3/4"-10 NC NYLON INSERT	4
23	70101330	WASHER, FLAT, 3/4"	8
24	70101331	HHCS, 3/4-10 X 5.00"L	4
25	70101312	ASSY, FNDR BRKT, BOOSTER, DLY, LS	1
26	30369473	PARTS - LIGHT GROMMET 2.5"	2
27	30389479	PARTS - LIGHT GROMMET 4"	2
28	30369467	LIGHT - MARKER RED 2.5" LED	2
29	30386308	LIGHT - 4" ROUND, RED LED	2
30*	70102008	REFLECTOR, 2" DIA RED, ADHESIVE	4
31*	30323571	OIL - AXLE, SAE 80W-90	AS REQUIRED

*ITEM NOT SHOWN

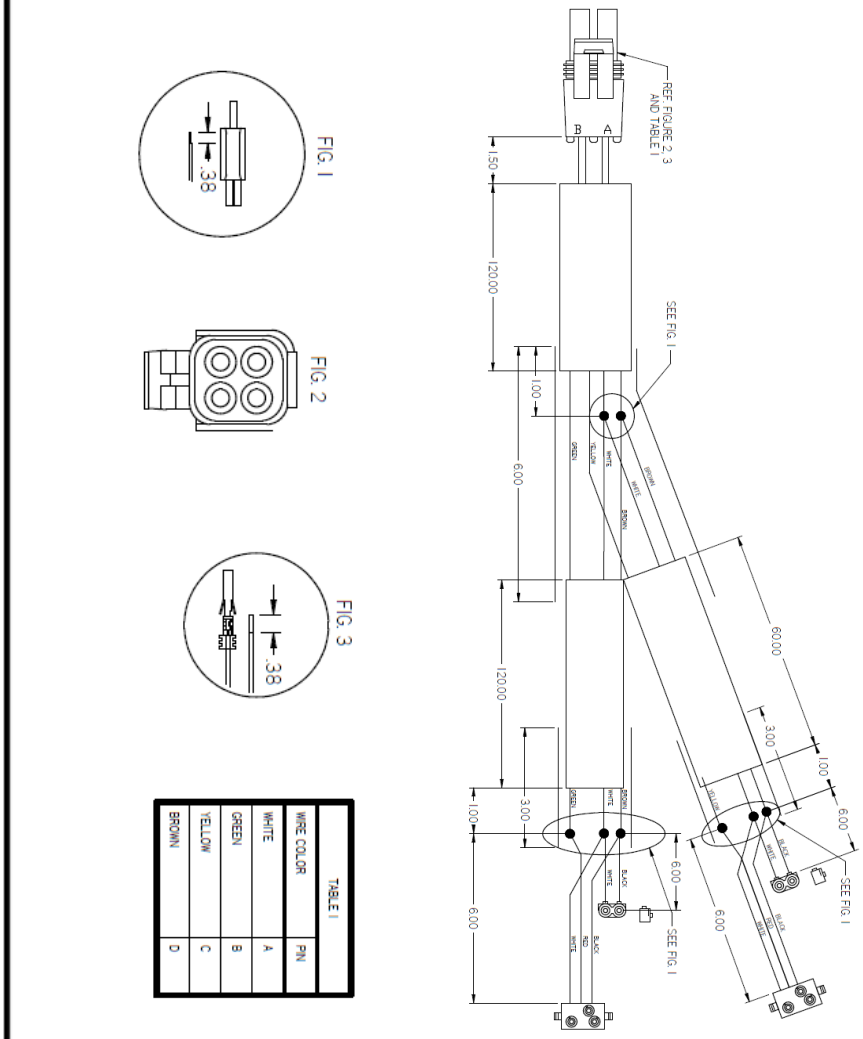
9.6.2 70102473 – ASSY - BOOSTER RELAY VALVE



ITEM	PART NO.	DESCRIPTION	QTY
1	70102360	AIR VALVE – BOOSTER, PARK	1
2	70102413	3/4” NPT NIPPLE, SCH 80, 1 3/8”	1
3	70102028	FITTING – 3/8” NPT PLUG ALLEN HEAD	2
4	30359238	FITTING-AIR, 3/4"-20 X 3/8” NPT	2
5	30359237	FITTING-AIR, 3/4"-20 X -8 HOSE	2
6	30351528	FITTING-ELBOW 3/8” TUBE X 1/4”NPT	2
7	70100144	1/2” NPTF X 3/8” NPTF, STR	1
8	70100103	FITTING – 5/8” 90° SWIVEL AIR	1
9	70102405	PLT – BENIDX AIR VALVE MOUNT	1
10	70102412	3/4” NPT BULKHEAD, THROUGH WALL	1
11	30389259	FITTING, HYD, PLUG 3/4” NPT	1
12	30302130	WASHER, FLAT 3/8”	4
13	30389195	NUT, NYLOCK 3/8”-16	2
14	30348305	HHCS, 3/8”-16 X 1 1/2”	2

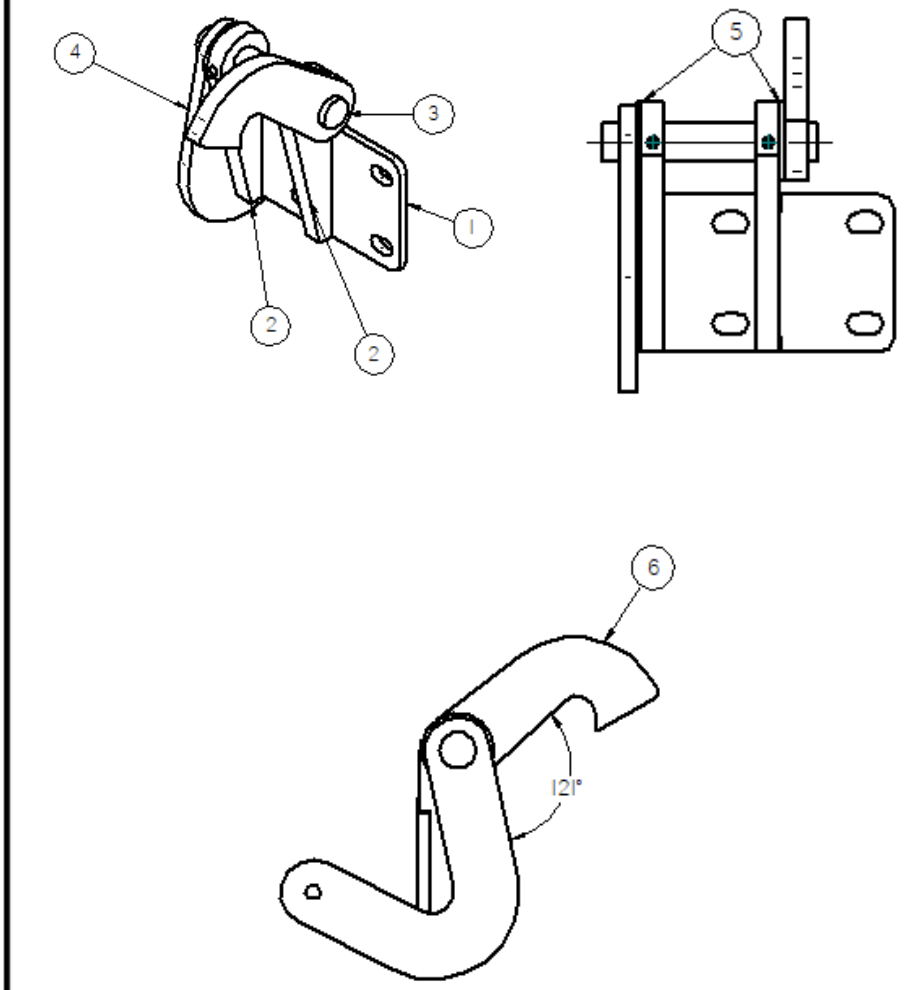
9.6.3 30389129 – HARNESS CONT, TAIL LIGHT BOOSTER

	30389129	
	01	9/12/16



9.6.4 70101647 – WLDT, LATCH BOLT ON

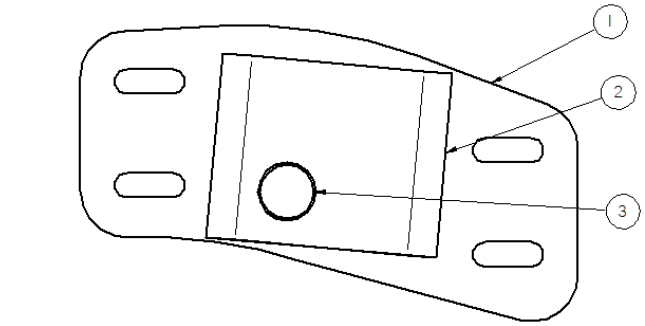
70101647	
02	2/5/25

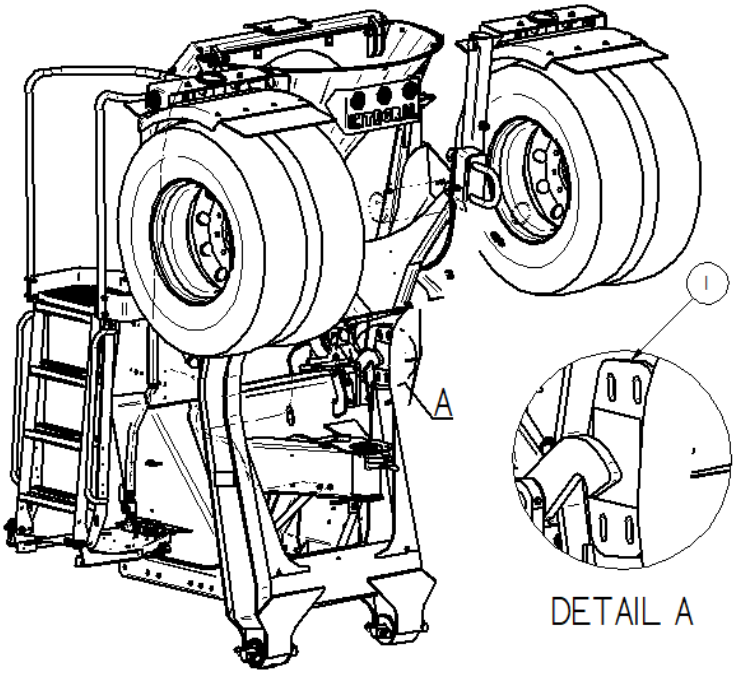


ITEM	PART NO.	DESCRIPTION	QTY
1	70101648	PLATE, BACKER	1
2	70101076	PLATE, EAR	2
3	70101646	BAR, PIVOT SHAFT	1
4	30386202	PLATE, RETURN ARM, BOOSTER LATCH	1
5	70101078	WASHER, 1.25”	2
6	30386872	PLATE, HOOK BOOSTER LATCH	1

9.6.5 70102180 – WELD INSTRUCTION, 14 YARD PIN

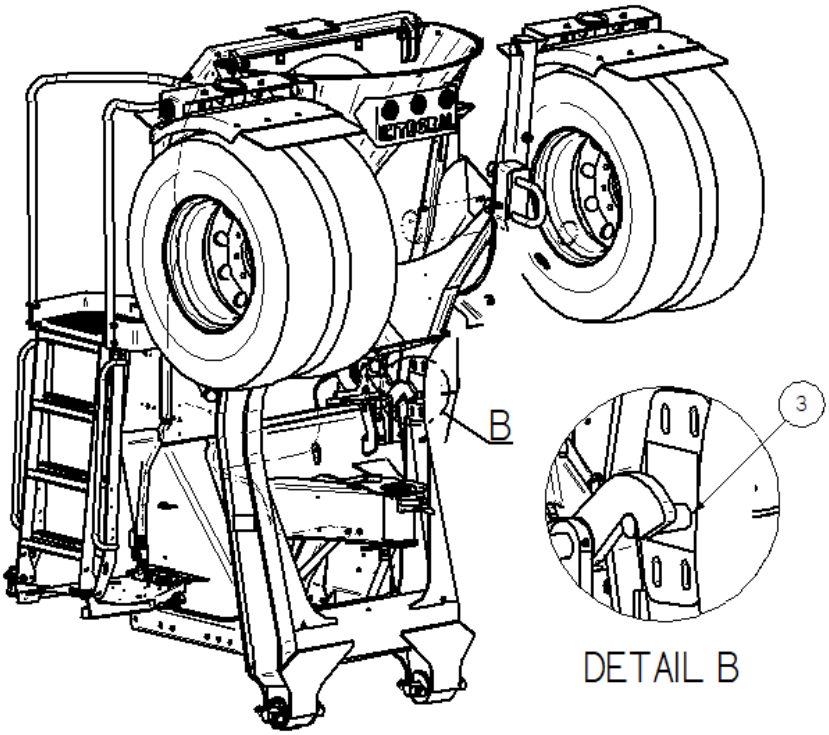
	70102180	
	00	1/16/25





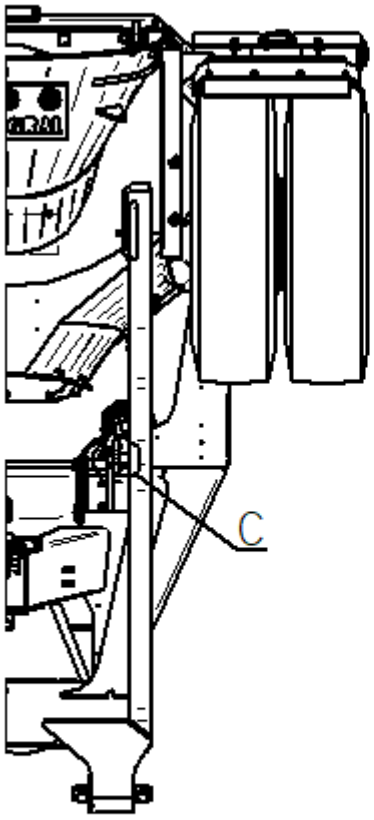
STEP 1: INSTALL NEW BOLT ON PLATE (70102179) TO BOOSTER AXLE RAIL. CENTER THE BOLTS IN THE SLOTS OF THE PLATE.

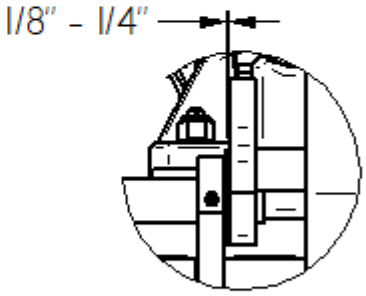
	70102180	
	00	1/16/25



STEP 2: WITH THE BOOSTER AXLE IN THE RAISED POSITION, PLACE THE PIN (70101299) ONTO THE PLATE (70102179). ENSURE THERE IS A 1/8"-3/16" GAP AT THE REAR OF THE PIN. TACK INTO PLACE.

	70102180	
	00	1/16/25

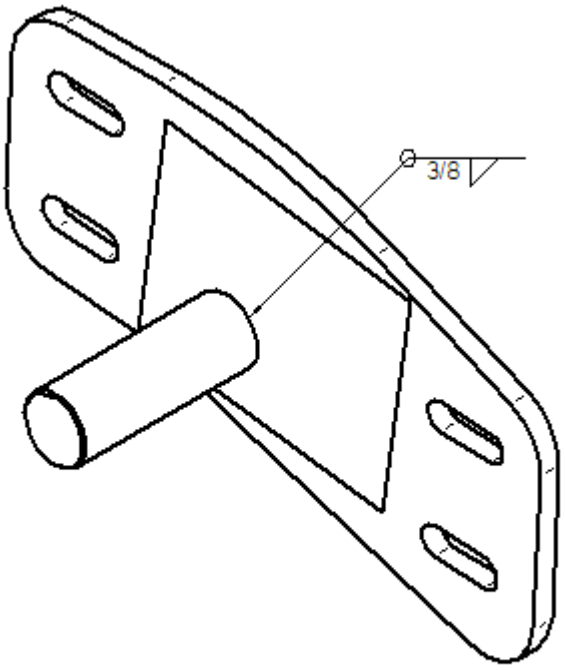




DETAIL C

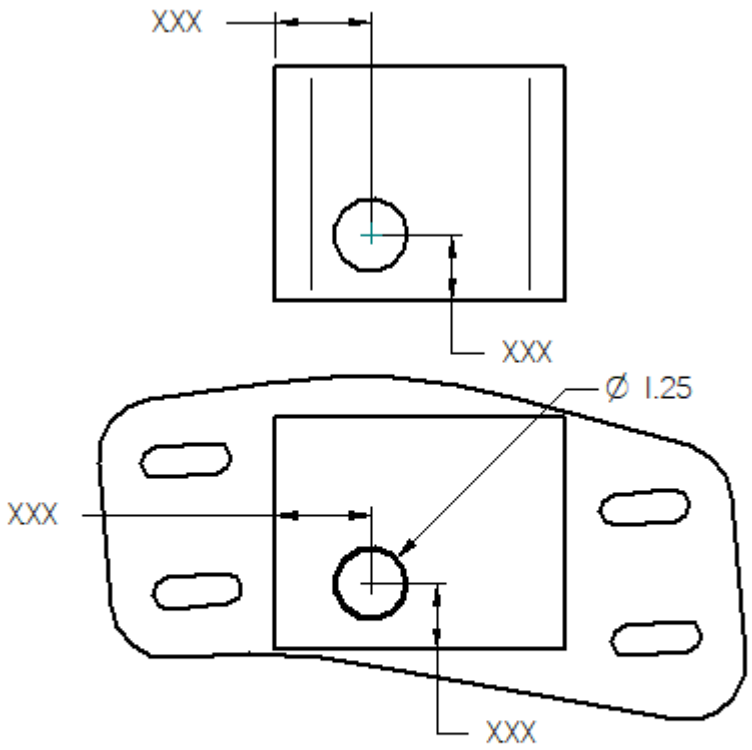
STEP 3: USE A CUT OFF WHEEL TO TRIM PIN (70101299) SO IT EXTENDS 1/8" - 1/4" BEYOND THE INSIDE EDGE OF THE HOOK.

	70102180	
	00	1/16/25



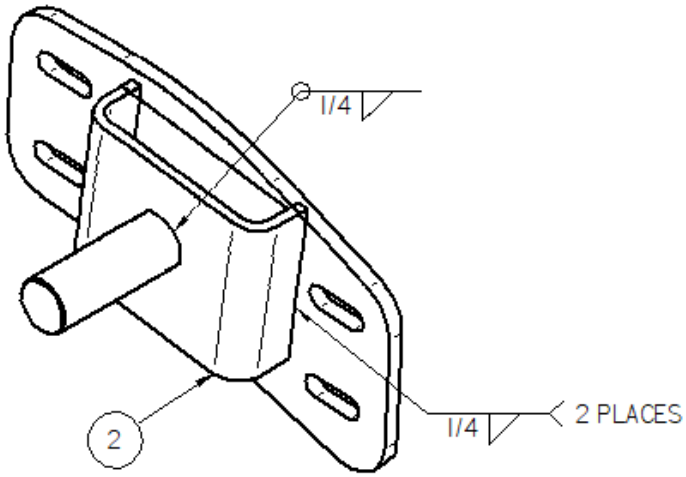
STEP 4: REMOVE THE PIECES FROM THE BOOSTER AXLE. FULLY WELD PIN ONTO BOLT ON PLATE.

	70102180	
	00	1/16/25



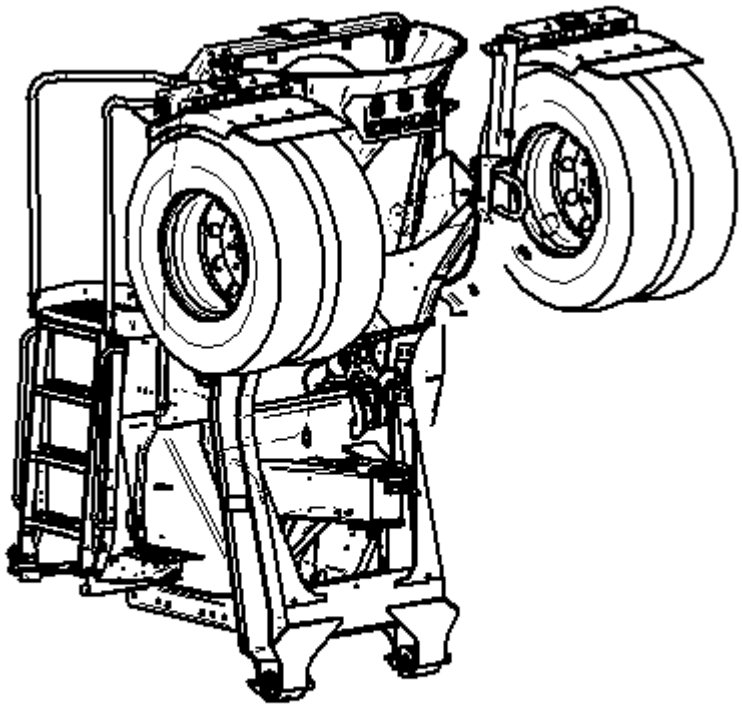
STEP 5: TRANSLATE DIMENSIONS OF PIN LOCATION ONTO THE PIN REINFORCEMENT BRACKET (70102176). ONCE MARKED OUT, DRILL A Ø1.25" HOLE.

	70102180	
	00	1/16/25



STEP 6: AFTER HOLE IS DRILLED, PLACE REINFORCEMENT PLATE OVER THE PIN AND LINE UP WITH ETCH LINES ON BOLT ON PLATE. WELD AS SHOWN ABOVE.

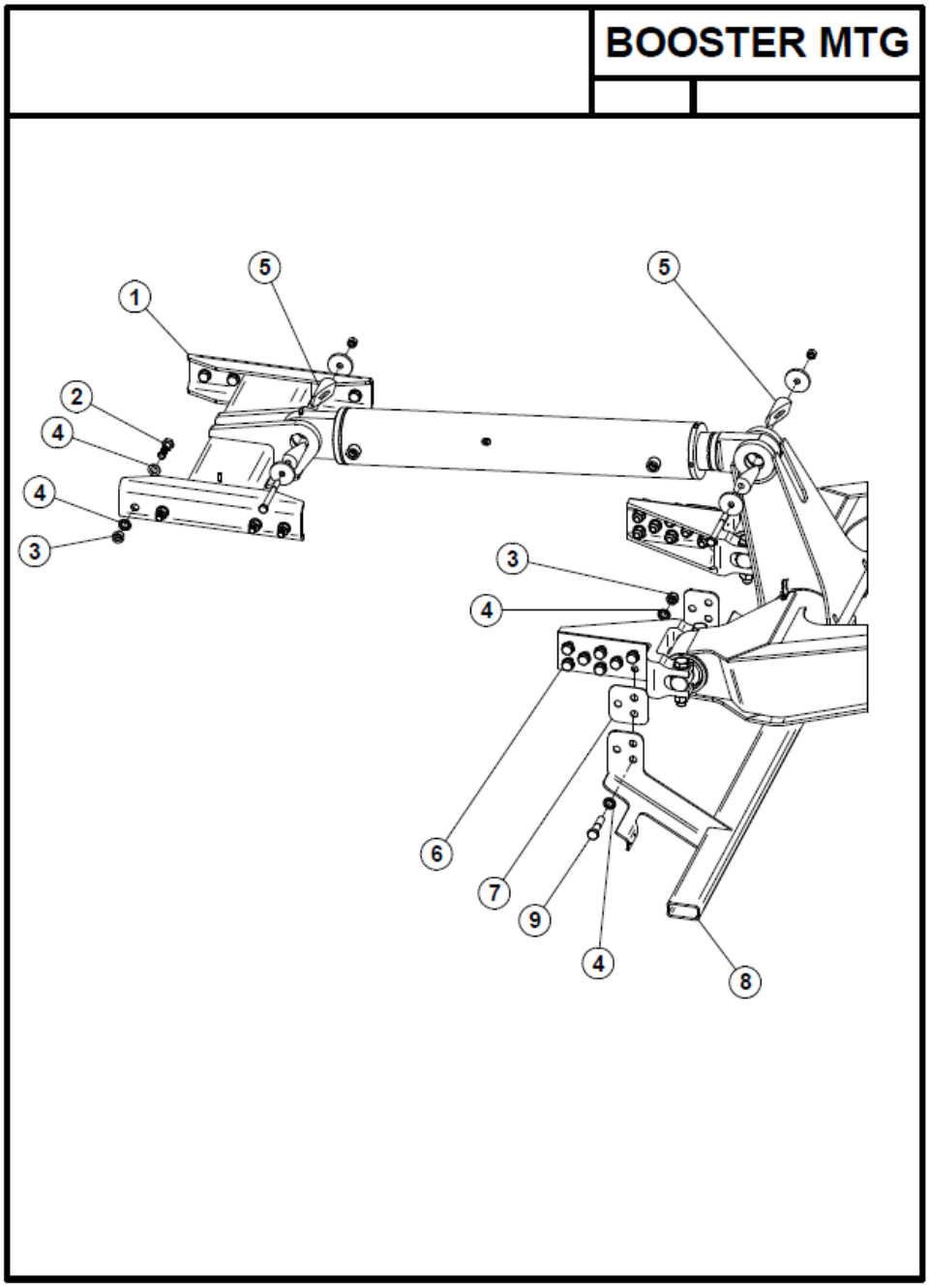
	70102180	
	00	1/16/25



STEP 7: AFTER WELDING, PAINT THE COMPLETED PIECE. AFTER PAINT, ASSEMBLE ONTO BOOSTER AXLE. ENSURE OPERATION.

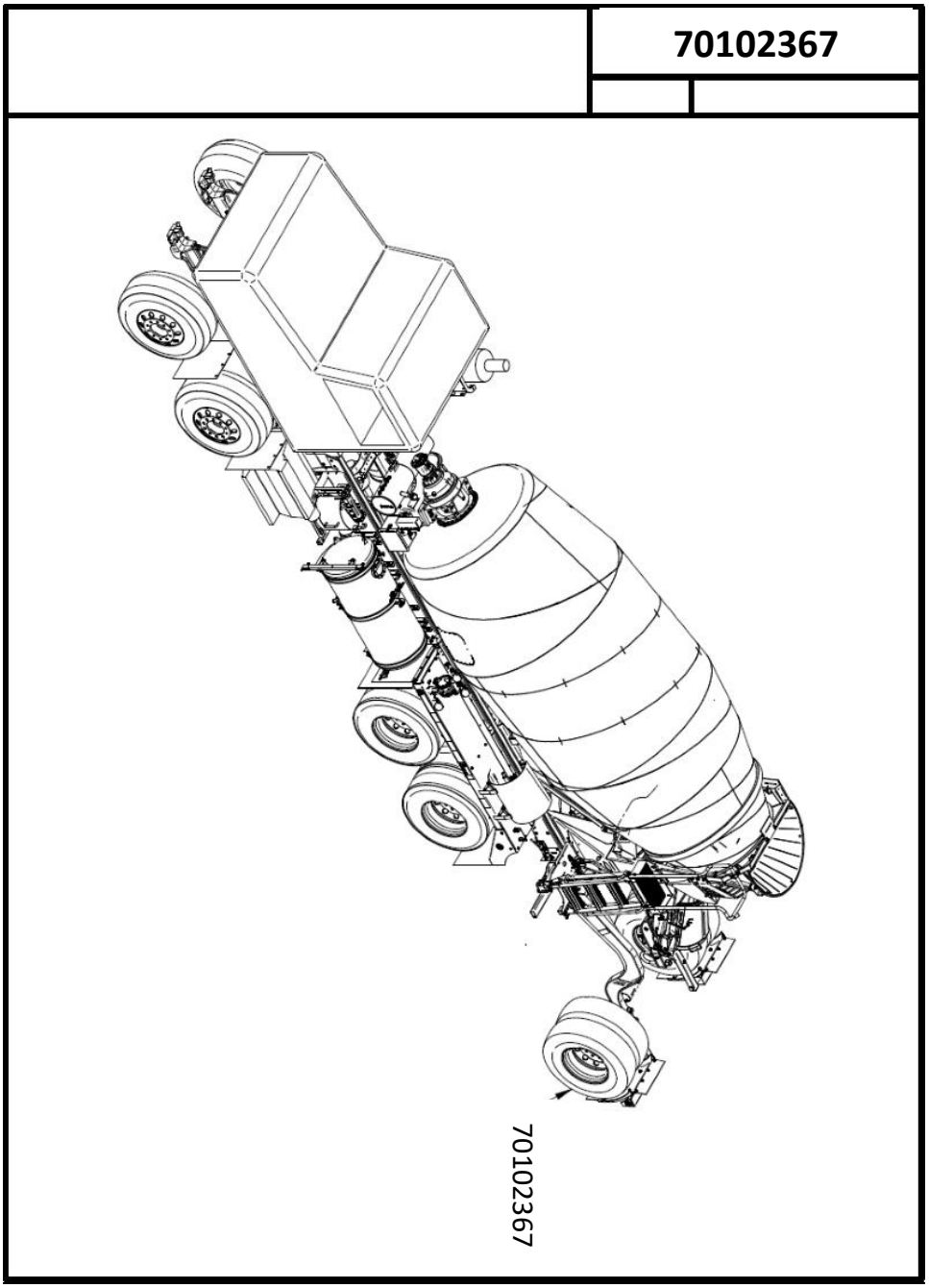
ITEM	PART NO.	DESCRIPTION	QTY
1	70102179	PLATE – LATCH PIN BOLT ON, 14 YARD	1
2	70102176	PLATE – LATCH PIN BRACKET, 14 YARD BOOSTER	1
3	70101299	BAR – LATCH PIN, BOOSTER AXLE WELDMENT	1

9.7 ASSY – BOOSTER AXLE MOUNTING



ITEM	PART NO.	DESCRIPTION	QTY
1	98329215	WMT – BRKT, BOOSTER CYL MNT	1
2	30390976	SCREW, M20 X 70	8
3	30392112	NUT TOPLOCK M20	24
4	10001509	WASHER, M20	48
5	30389839	PIN – BOOSTER PIVOT, SPLIT PIN	2
6	70101677	SPACER – BOOSTER 1/8”	2
7	70100124	PLATE, SPACER 1/8” BOOSTER BUMPER	2
8	30386272	WMT, REAR BUMPER BOOSTER	1
9	10002132	SCREW, M20 X 90	16

9.8 70102367 – TIRE, MNTD 255/70R22.5 W/AL WHEELS



ITEM	PART NO.	DESCRIPTION	QTY
1	70102367	WHEELS, 25K BOOSTER, SMALL	4

10 OPTIONS

10.1 98401000 – KIT MIXER WIRELESS OPTION 10-208
10.2 70102451 – ASSY, WIRELESS CHARGER BRACKET 10-210
10.3 70101694 – ASSY, CANVAS COVER 14 YD 10-212
10.4 70101621 – ASSY, DUAL GT 13 CHUTE VIBRATOR 10-220
10.5 30412016 – STREET GUARD CHUTE COVER 10-225
10.6 98400880 – ASSY, MANSAVER 10-226
10.7 98430571 – ASSY-PLATFORM, HIGHEST STEP 10-228
10.8 70102440 – ASSY, BOLT ON STEP 10-229
10.9 98409394 – ASSY, FRONT SLUMP METER 10-230
10.10 70102192 – ASSY, ADDITIONAL WORK LIGHT 10-232
10.10.1 70101667 – HARNESS, WORK LIGHT SPLITTER 10-233
10.11 70101620 – ASSY, MHR, REAR PEDESTAL 10-234
10.12 30410735 – KNEE BRACE ASSY RAILED FRAME 10-235
10.13 98403935 – ASSY, HANDRAIL ANTI SLIP TAPE 10-236
10.14 30411096 – COLD WEATHER DRAIN OPTION 10-237
10.15 30413026 – RECLAIMER ENVIROGUARD P.S. 10-239
10.15.1 70101389 – ASSY, PUMP MOUNT 10-242
10.15.2 70102453 – ASSY, RECLAIMER BUCKET MOUNT 10-243
10.15.3 70102465 – ASSY, WATER HOSE MOUNT 10-244
10.16 98387960 – ASSY, ROLLER GUARD FRONT, REAR 10-245
10.17 70101517 – ASSY, D-LOCK, TOOL HOLDERS 10-246
10.18 70102458 – ASSY, 15’ HOSE OPT 10-247
10.19 30408459 – TOP MOUNT LIGHT SINGLE 10-248

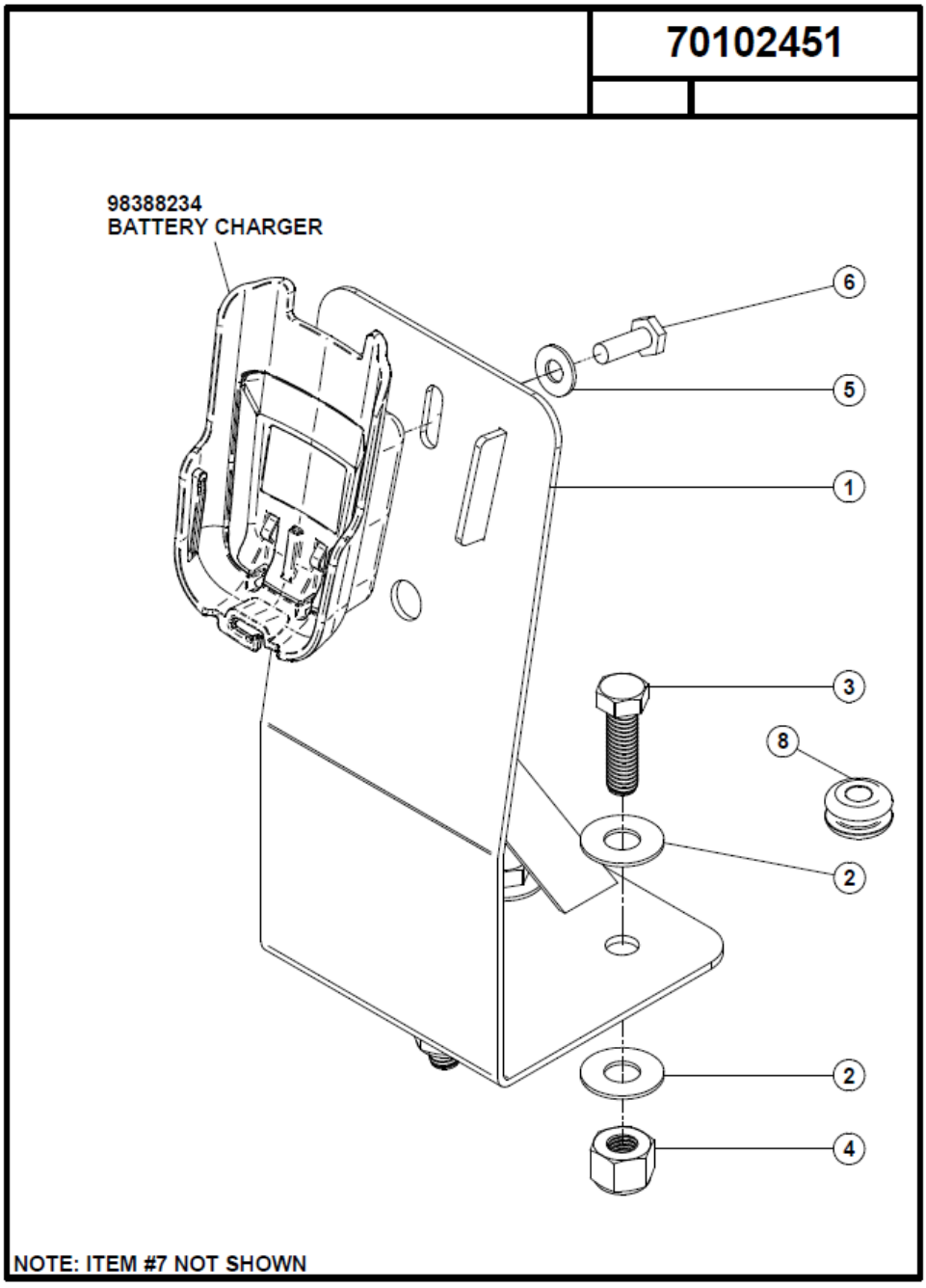
10.1 98401000 – KIT MIXER WIRELESS OPTION

	98401000	



ITEM	PART NO.	DESCRIPTION	QTY
1	98396021	REMOTE CONTROL MIXER CAN	1
2	98397007	PLATE, MOUNTING, ANTENNA	1
3	10001584	SHCS, M6-1X35, CL8.8, ZP	4
4	10134153	SCREW RETAINER SKM 6-GT320	4
5	30335863	M6-1 HEX NUT	4
6	10205470	SCREW DIN 84 M 4 X 12-4.8-VZD	2
7	10145911	SCREW RETAINER SKM 4-GT320	2
8	10001230	NUT ISO 4032 M 4-8-VZD	2

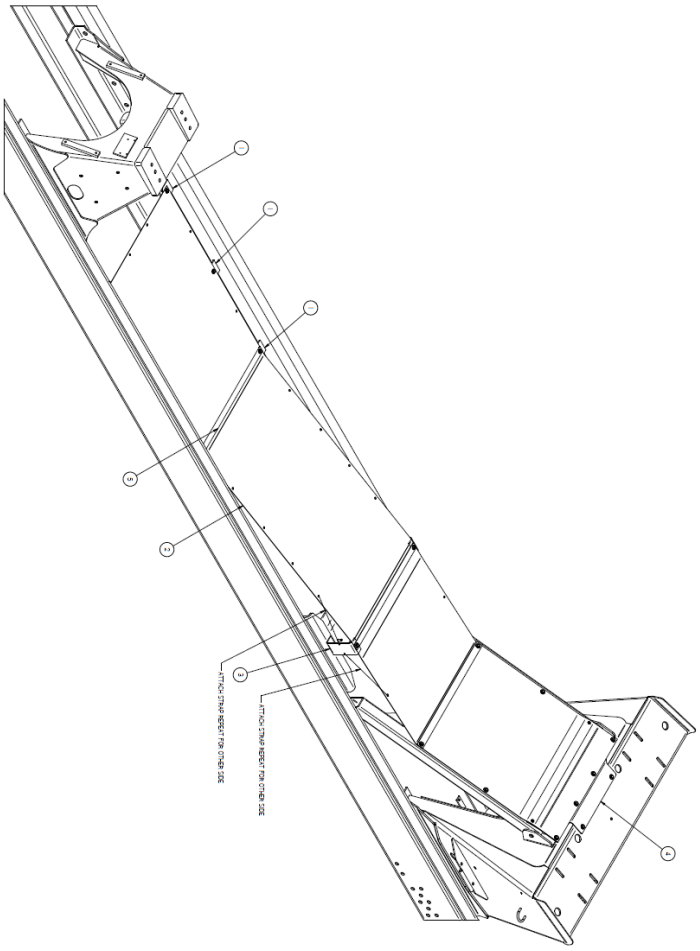
10.2 70102451 – ASSY, WIRELESS CHARGER BRACKET



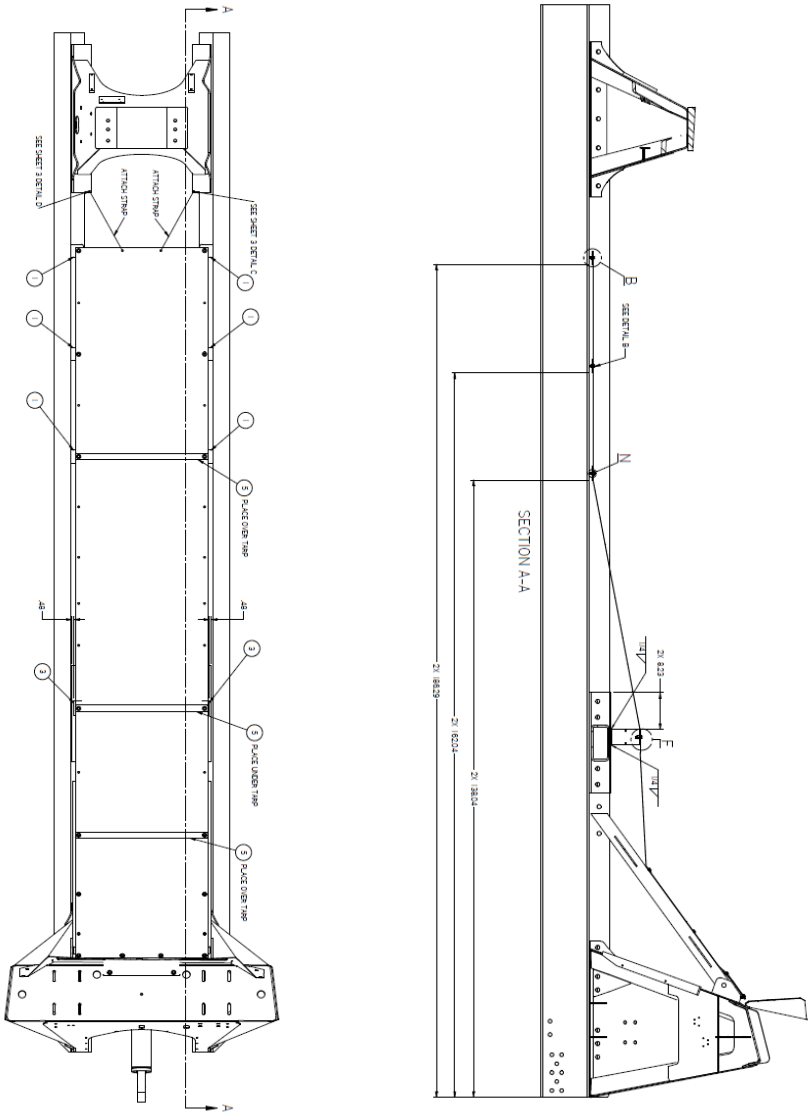
ITEM	PART NO.	DESCRIPTION	QTY
1	70102409	WMT – WIRELESS CHARGER	1
2	30302130	WASHER, FLAT 3/8”	6
3	30302817	HHCS, 3/8”-16 X 1 1/4”	3
4	30389195	NUT, NYLOCK 3/8”-16	3
5	30303735	WASHER, FLAT 1/4”	1
6	30302133	HHCS, 1/4”-20 X 3/4”	1
7	30302690	RUBBER EDGE – 3/16” BLACK W/METAL CORE	0.58 FT
8	98386730	SEAL GROMMET, 13/16” OD X 3/8” ID	1

10.3 70101694 – ASSY, CANVAS COVER 14 YD

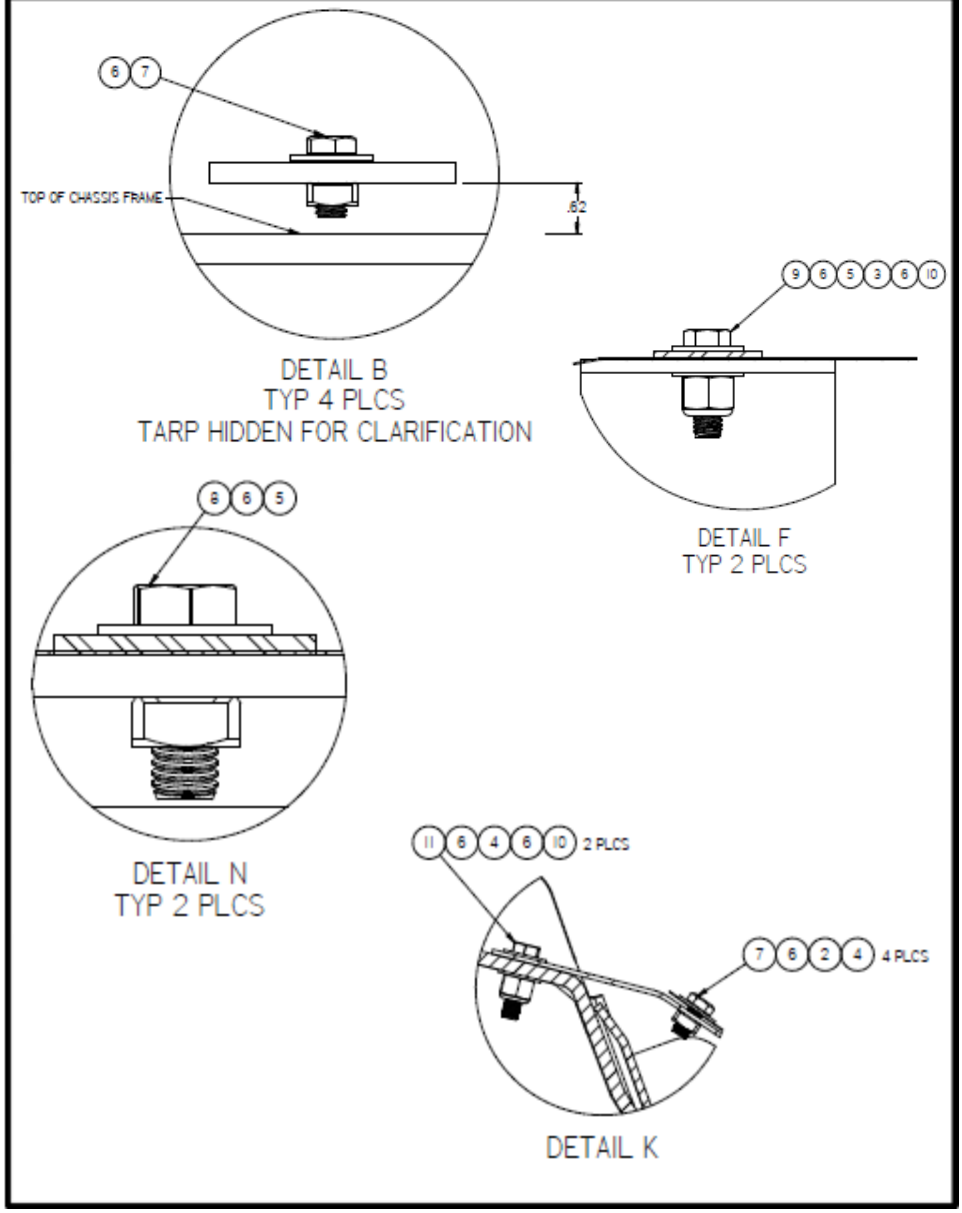
	70101694	
	01	1/31/25



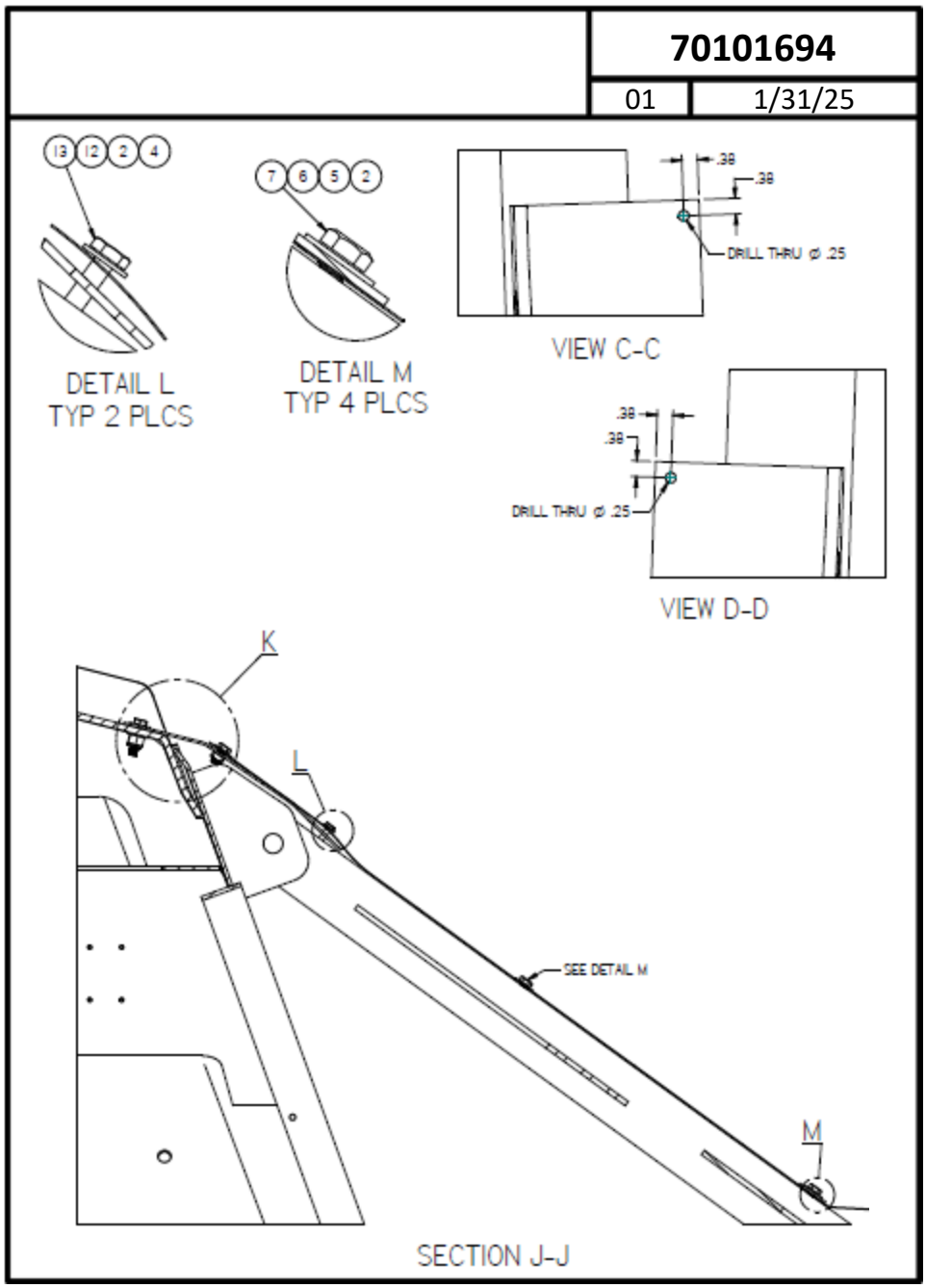
	70101694	
	01	1/31/25



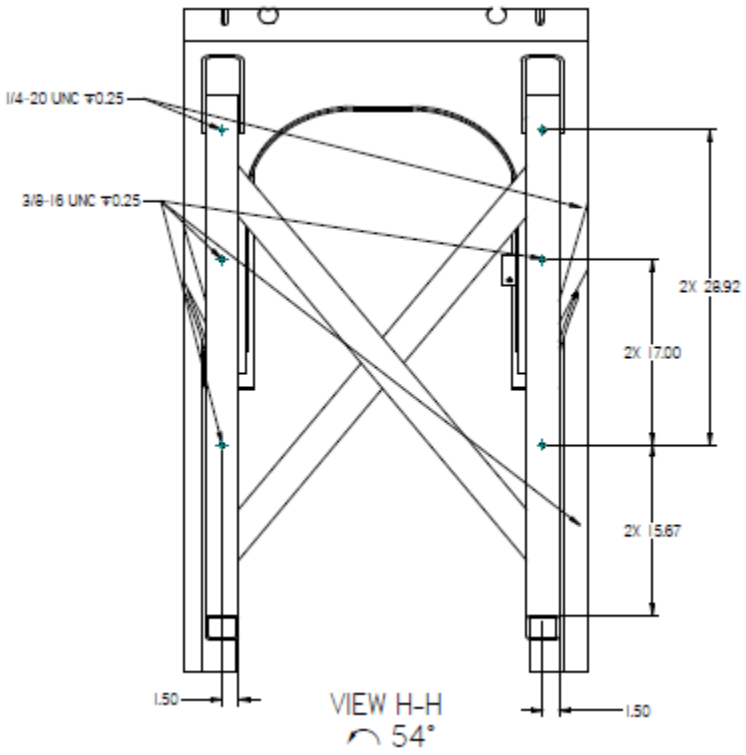
	70101694	
	01	1/31/25



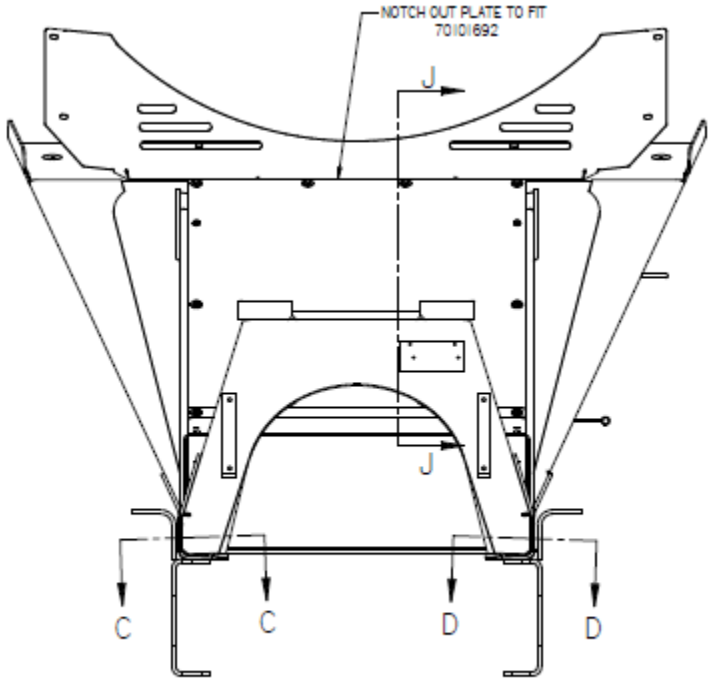
	70101694
	01 | 1/31/25



	70101694	
	01	1/31/25

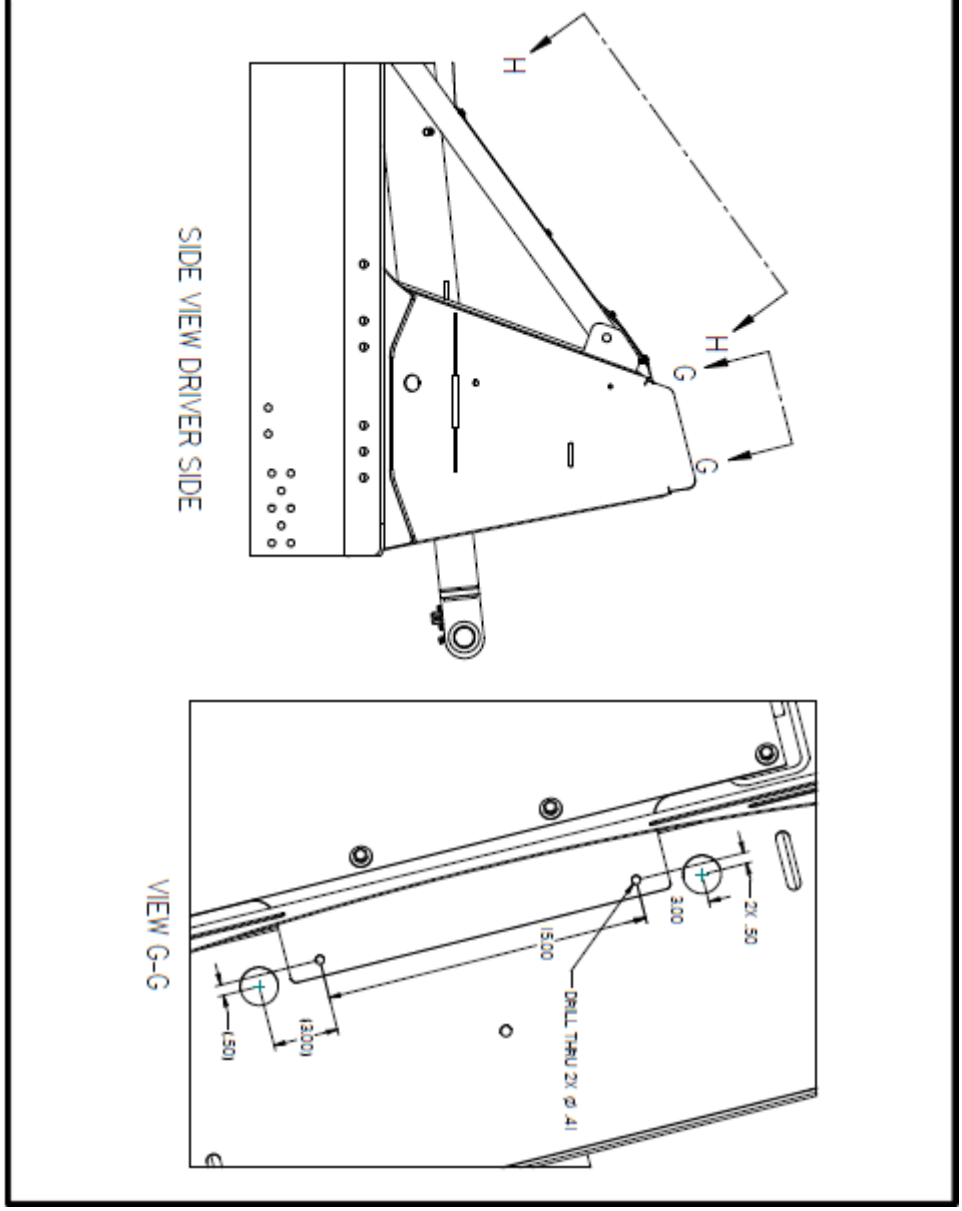


	70101694	
	01	1/31/25



FRONT VIEW OF ASSEMBLY

	70101694	
	01	1/31/25

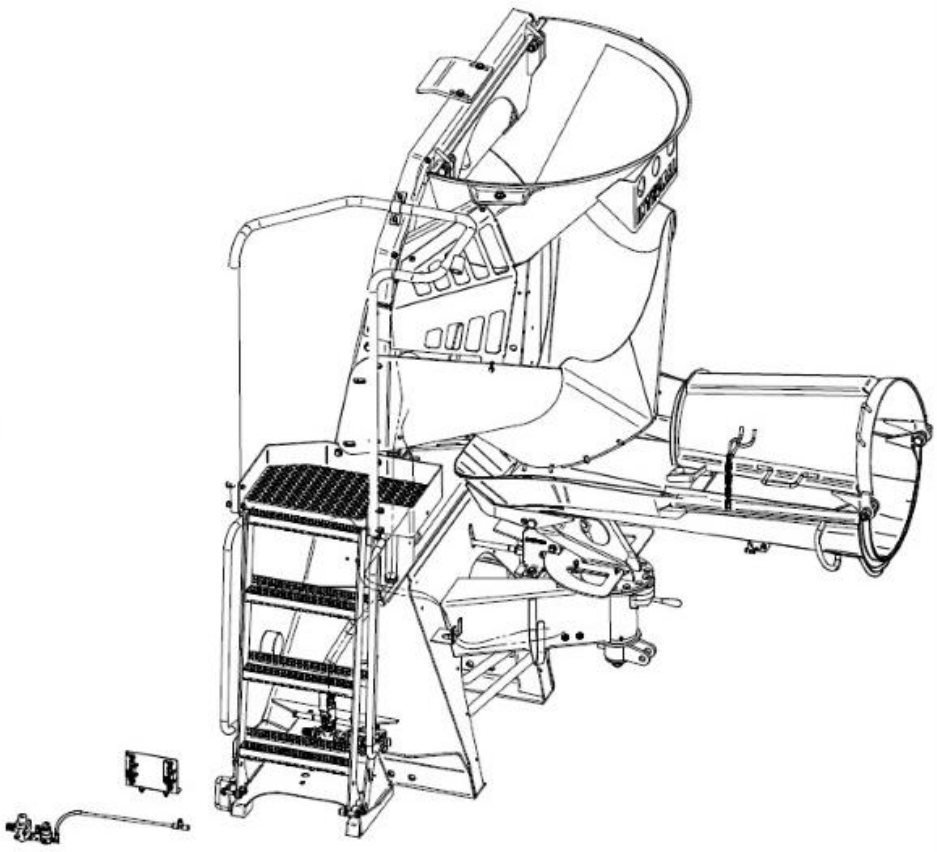


ITEM	PART NO.	DESCRIPTION	QTY
1	70101695	WLDT, BOTTOM CANVAS MOUNT	6
2	70101686	CANVAS COVER, 14 YD	1
3	70101707	PLATE, MIDDLE CANVAS SUPPORT	2
4	70101692	WLDT, TOP CANVAS MOUNT	1
5	70101708	PLATE, CANVAS SUPPORT	3
6	30373894	WASHER - FLAT, 3/8" LOW CARBON USS - Z.P	22
7	70101691	HHCS, 3/8-16 X 3/4, GR 5 ZP	12
8	30302118	HHCS, 3/8-16UNC X 1.00" GR5, YZP	2
9	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	2
10	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	4
11	30348305	HHCS, 3/8-16UNC X 1 1/2" GR5	2
12	30303735	WASHER, FLAT, 1/4" USS, ZP	2
13	30373841	HHCS 1/4"- 20 X 3/4” LG GR 5	2
14*	30389181	CHUTE STRAP 10" TRUCK MIXER	6

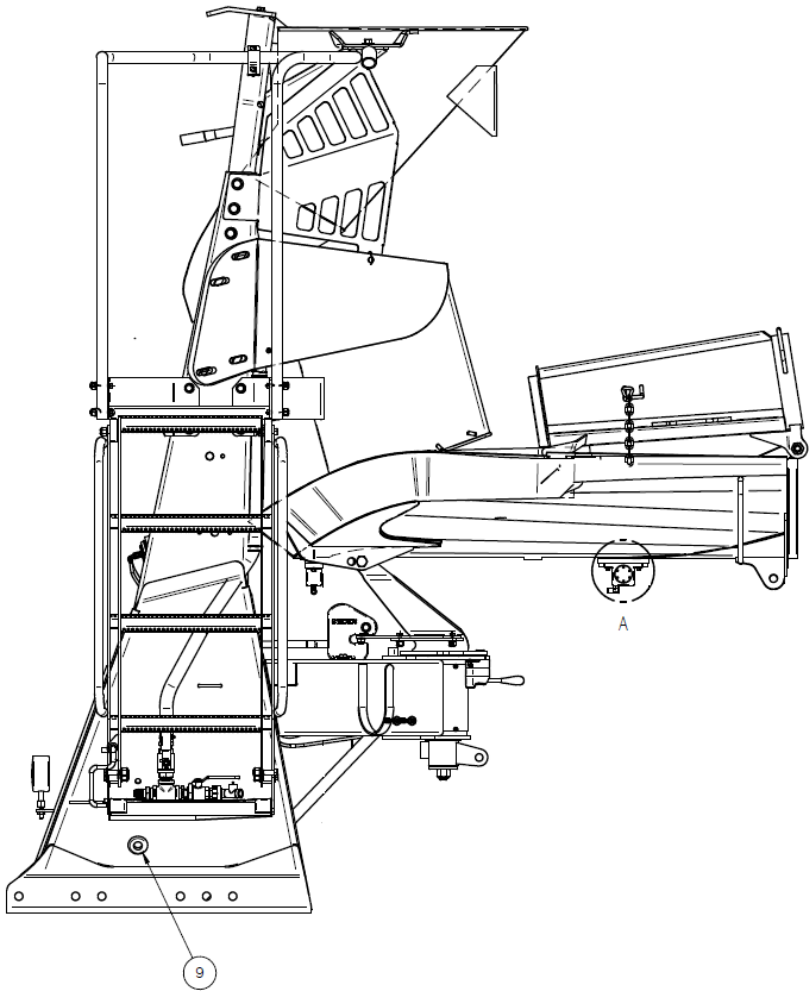
*ITEM NOT SHOWN

10.4 70101621 – ASSY, DUAL GT 13 CHUTE VIBRATOR

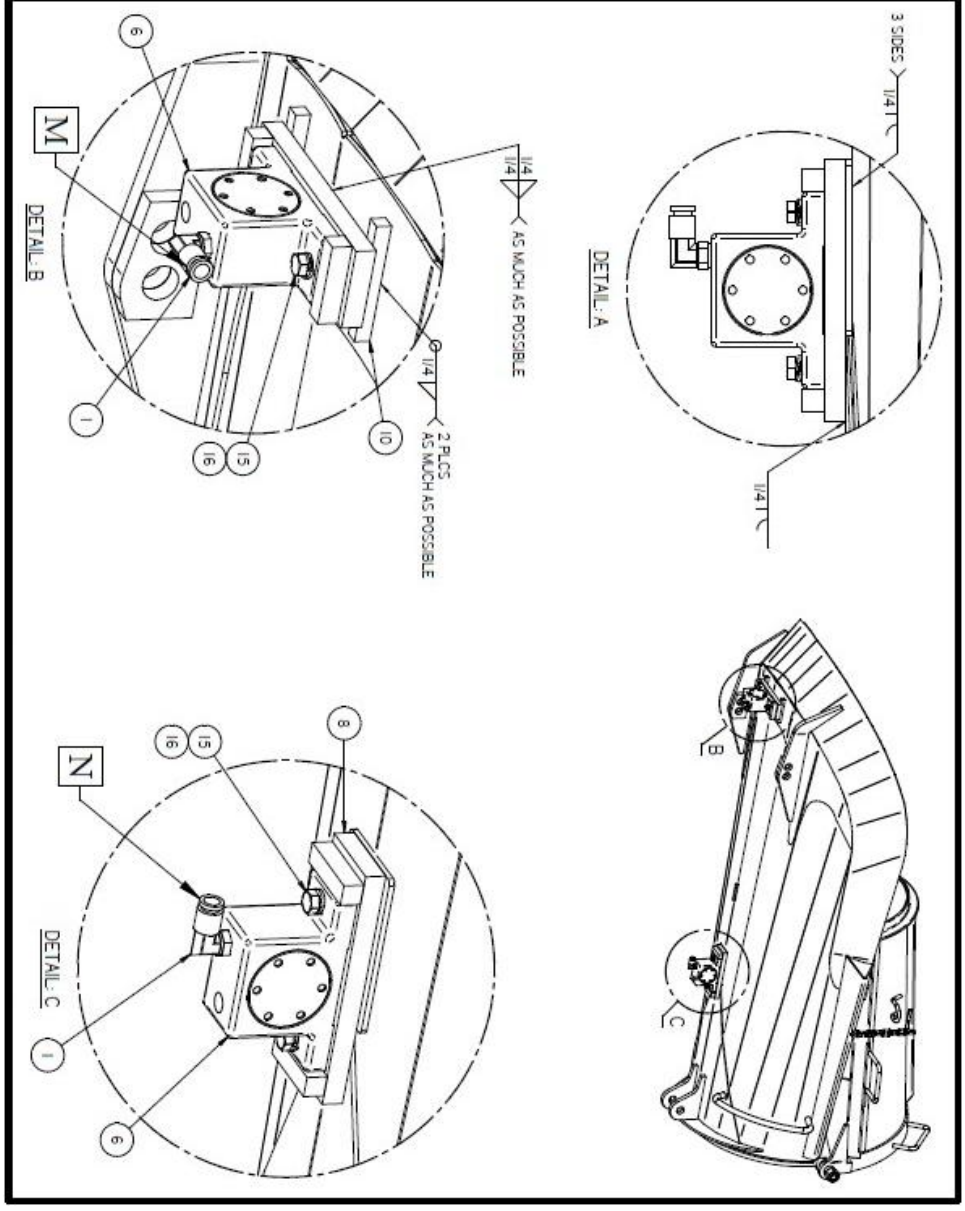
	70101621	
	00	01/24/23



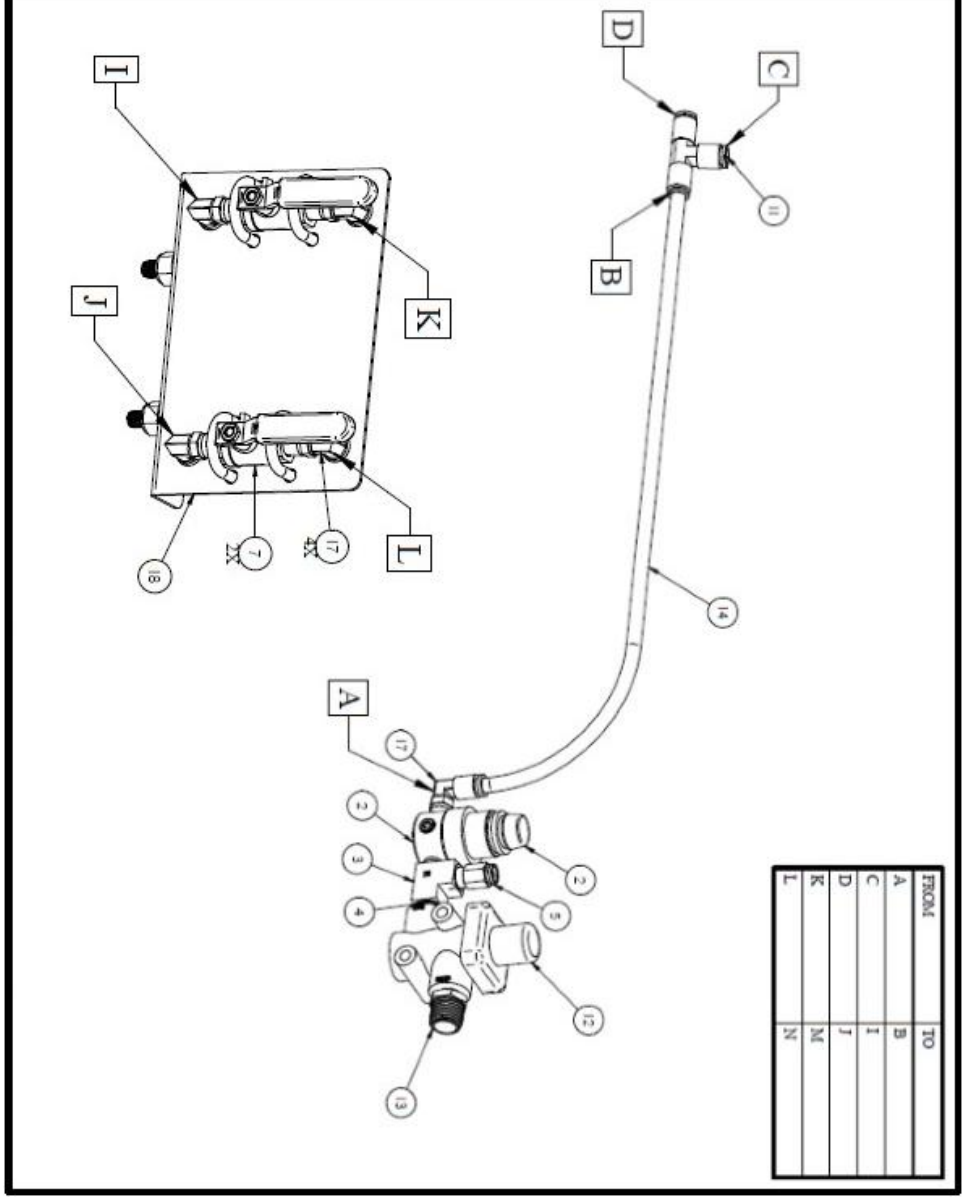
	70101621	
	00	01/24/23



	70101621	
	00	01/24/23



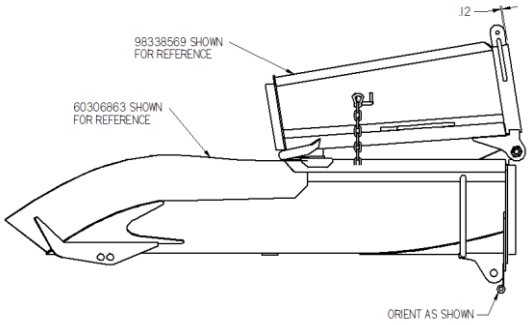
	70101621	
	00	01/24/23

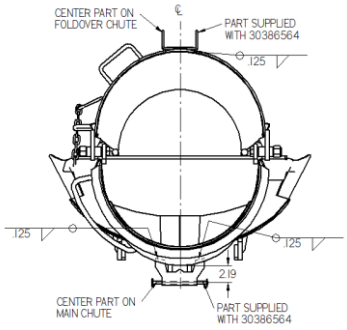


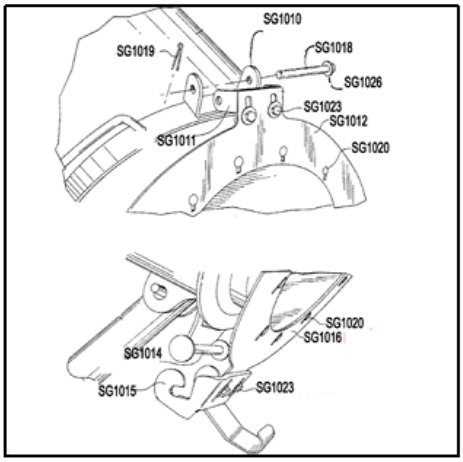
ITEM	PART NO.	DESCRIPTION	QTY
1	70101622	FITTING - HYD, EL 90 DEG 3/8" X 1/4" NPT NON SWIVEL	2
2	98407873	REGULATOR , 1/4" PIPE, 5-60 PSI	1
3	30357578	FITTING - STREET TEE, 1/4" NPT - BRASS	1
4	98389394	NIPPLE BRASS PIPE 1/4" M NPT X CLOSE	1
5	30348490	FITTING - STR, 3/8" TUBE X 1/4" NPTM -BR	1
6	70101611	CHUTE VIBRATOR	2
7	30386890	VALVE - BALL 1/4" FNPT 125 PSI BRASS 1/4	2
8	70101618	WMT - CHUTE VBTR MNT	1
9	70100494	GROMMET, 1-7/8"OD X 3/16" X 1" ID	2
10	70101614	WMT - BACK CHUTE VBTR MNT	1
11	30348486	FITTING - PNEU, UNION TEE, 3/8" TUBE-BRA	1
12	30339774	VALVE, PRESSURE PROTECTION	1
13	30339771	FITTING - REDUCER HEX NIPPLE 1/2 NPT X 1/4 NPT	1
14	30305009	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 W	AS NEEDED
15	30373903	SCREW - HHCS, 5/16-18UNC X 1" - GR 5 -ZP	4
16	30373859	5/16" ZINC MEDIUM SPLIT LOCK WASHER	4
17	30351528	FITTING - HYD, EL 90 DEG 3/8" X 1/4" NPT NON SWIVEL	5
18	70100884	ASSY - BALL VALVE	1

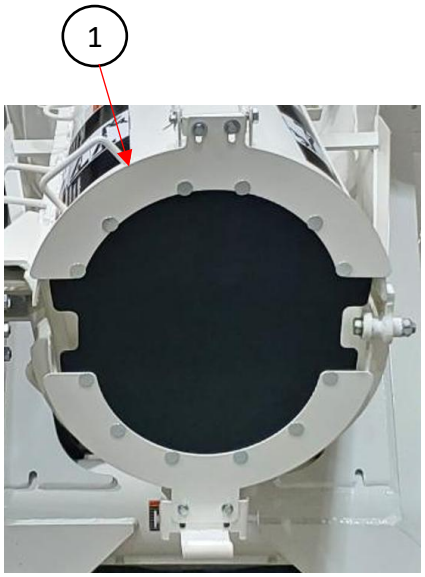
10.5 30412016 – STREET GUARD CHUTE COVER

30412016





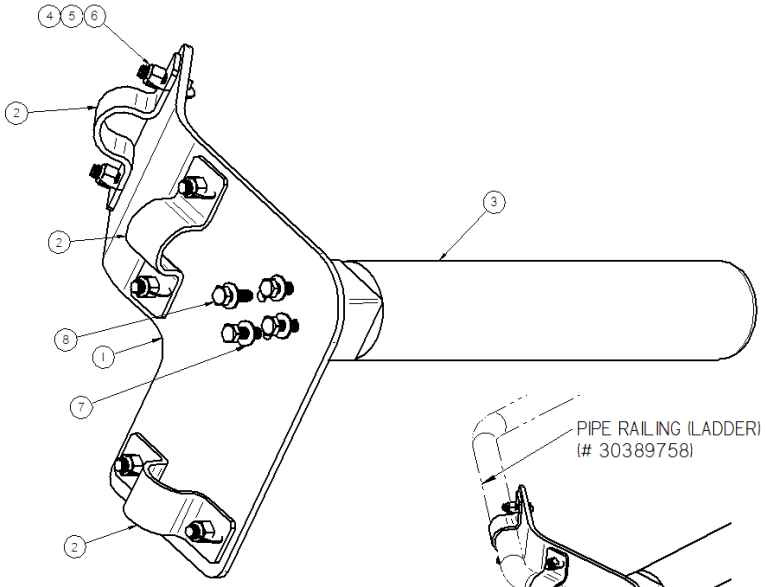




1. SEE ABOVE FOR ASSEMBLY INSTRUCTIONS
2. PARTS ABOVE SUPPLIED WITH 30386564

10.6 98400880 – ASSY, MANSAVER

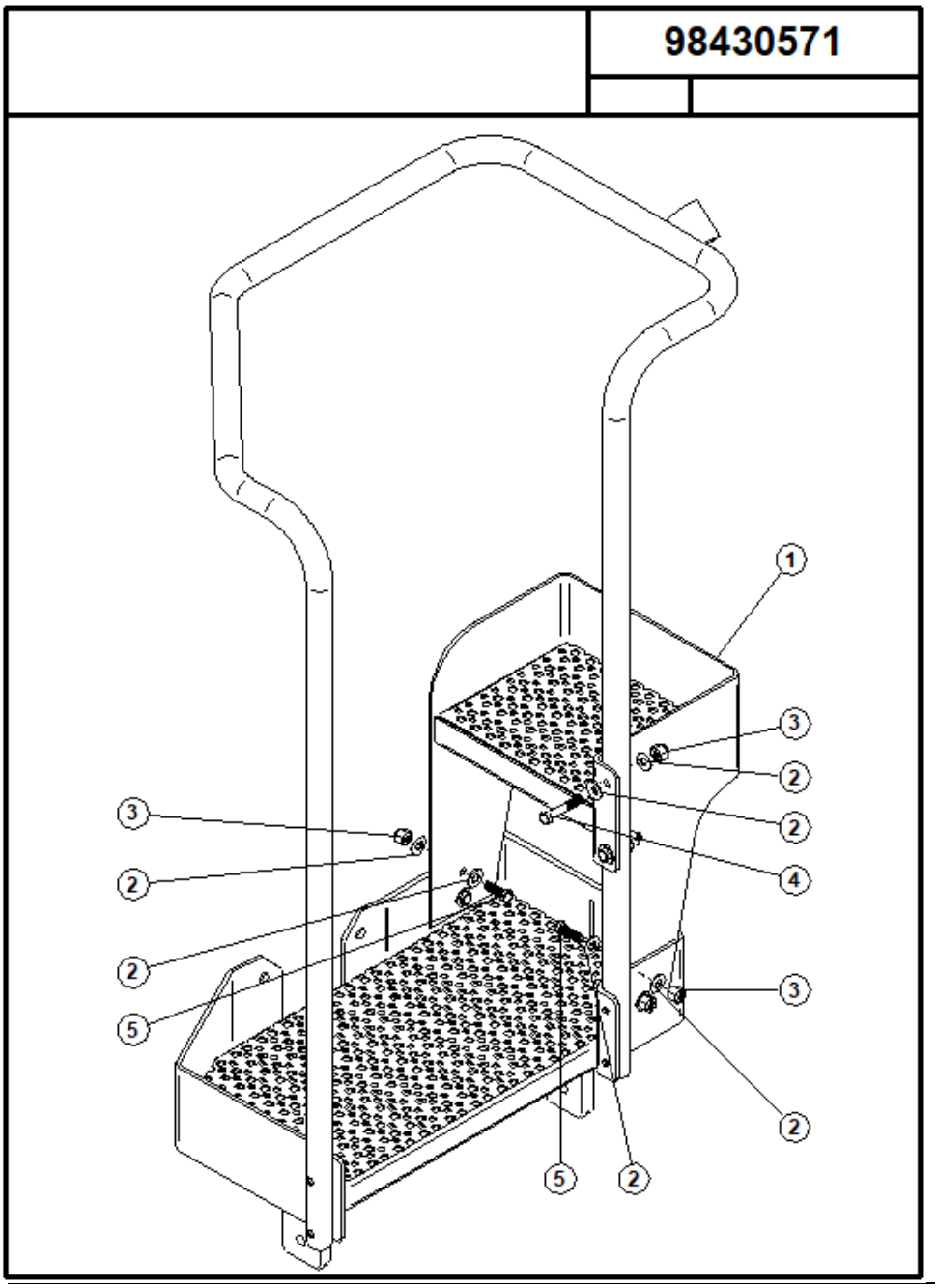
	98400880	
	02	05/15/17





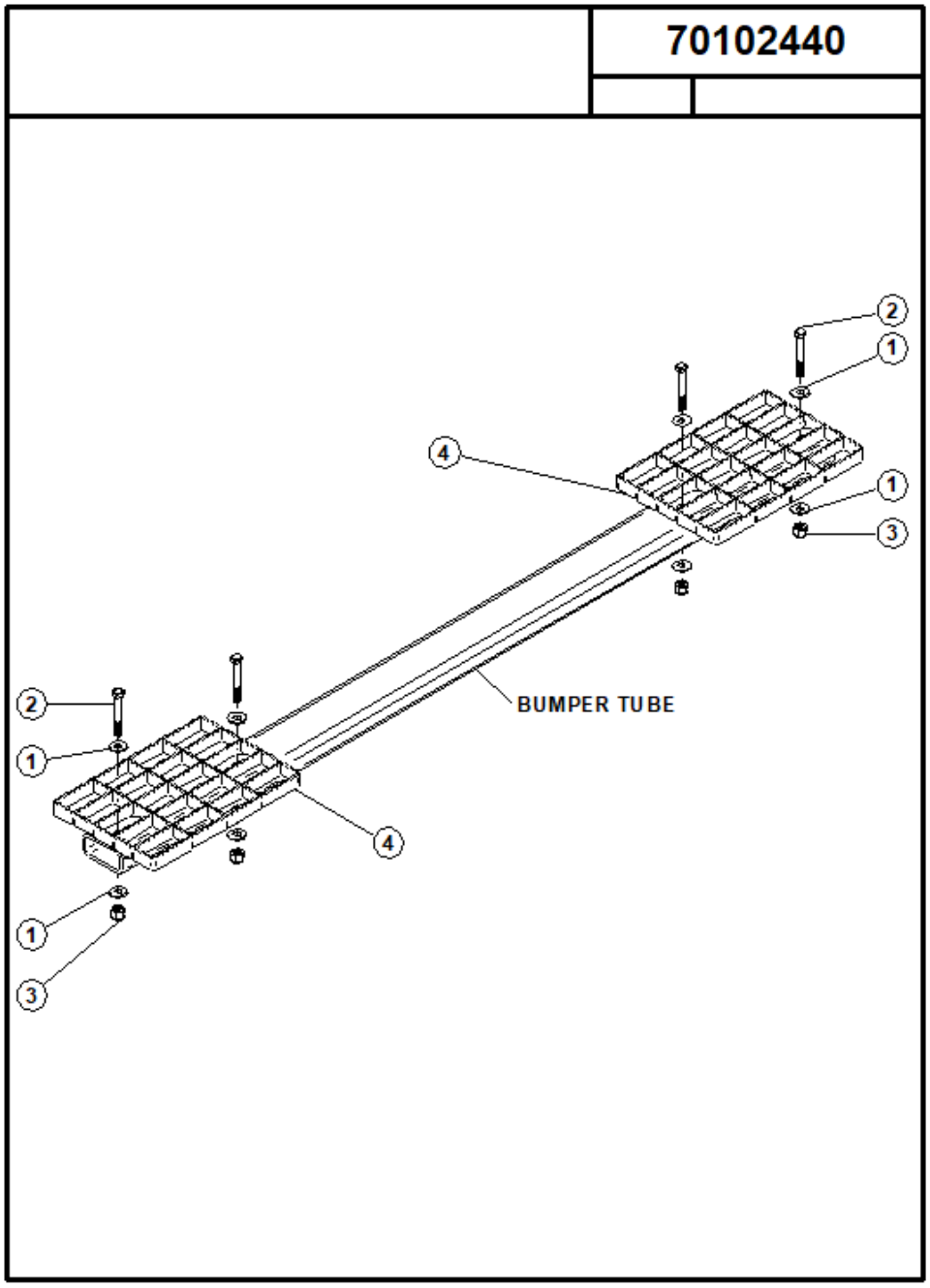
ITEM	PART NO.	DESCRIPTION	QTY
1	98400878	PLATE, MANSAVER	1
2	60306805	HANDRAIL CLAMP	3
3	98400280	PARTS – SAFETY BAR, MANSAVER 18”	1
4	30302817	3/8-16 NC X 1-1/4 LG	6
5	30302130	3/8 FLAT WASHER	12
6	98372389	NYLOCK 3/8”-16	6
7	10129842	SCREW RETAINER M8	4
8	30373903	HHCS, 5/16”-18 X 1”	4

10.7 98430571 – ASSY-PLATFORM, HIGHEST STEP



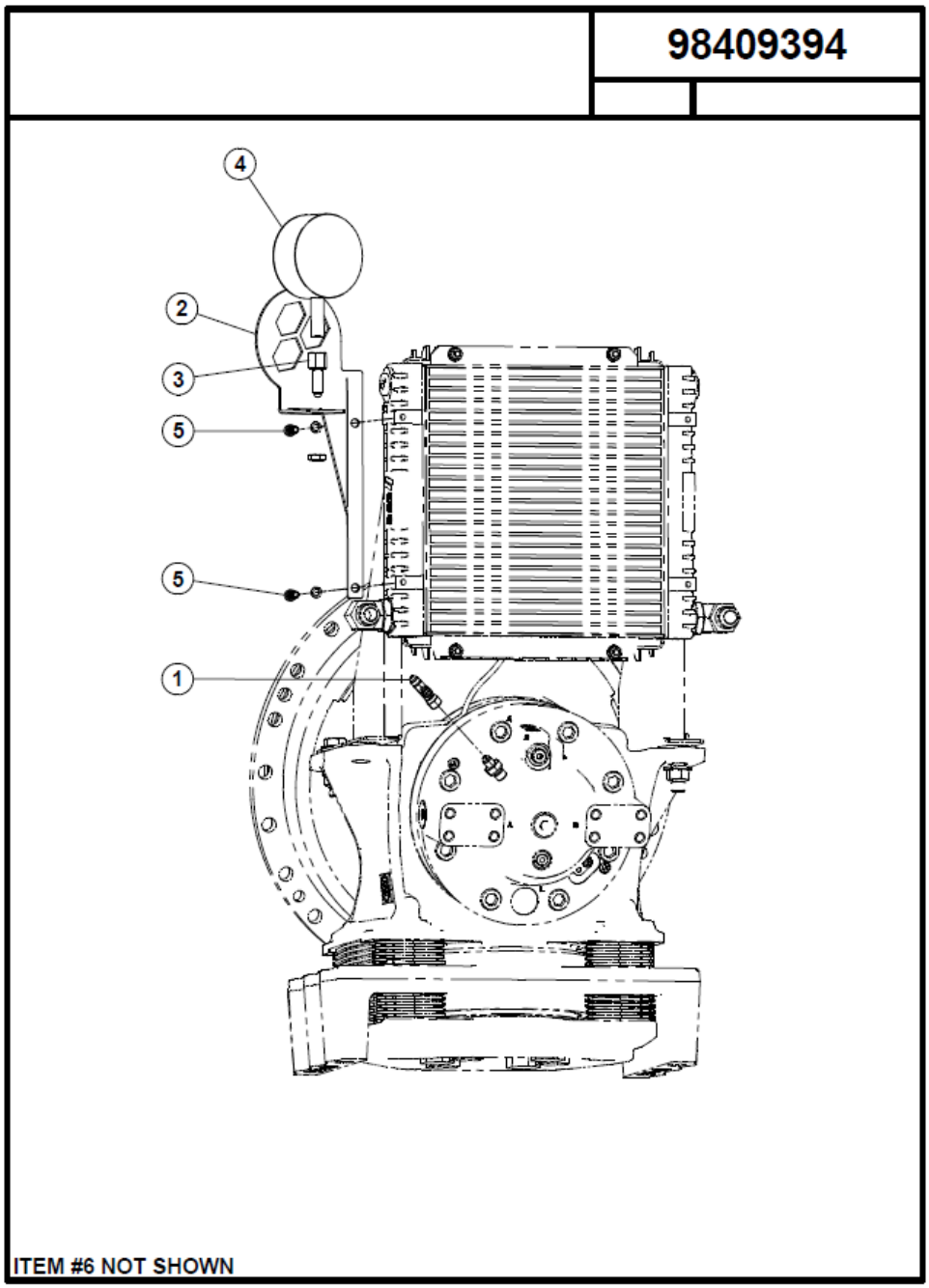
ITEM	PART NO.	DESCRIPTION	QTY
1	98430532	WELDMENT – PLATFORM	1
2	30302130	WASHER, 3/8”	12
3	30389195	NUT, 3/8”-16 NYLOCK	6
4	30391467	HHCS, 3/8”-16 X 2 1/4”	2
5	30302817	HHCS, 3/8”-16 X 1 1/4”	4

10.8 70102440 – ASSY, BOLT ON STEP



ITEM	PART NO.	DESCRIPTION	QTY
1	30302126	WASHER, 9/16”	8
2	30309696	HHCS, 1/2”-13 X 3 1/2”	4
3	30307220	NUT, NYLOCK 1/2”-13	4
4	70102426	WLDT, BOLT ON STEP	2

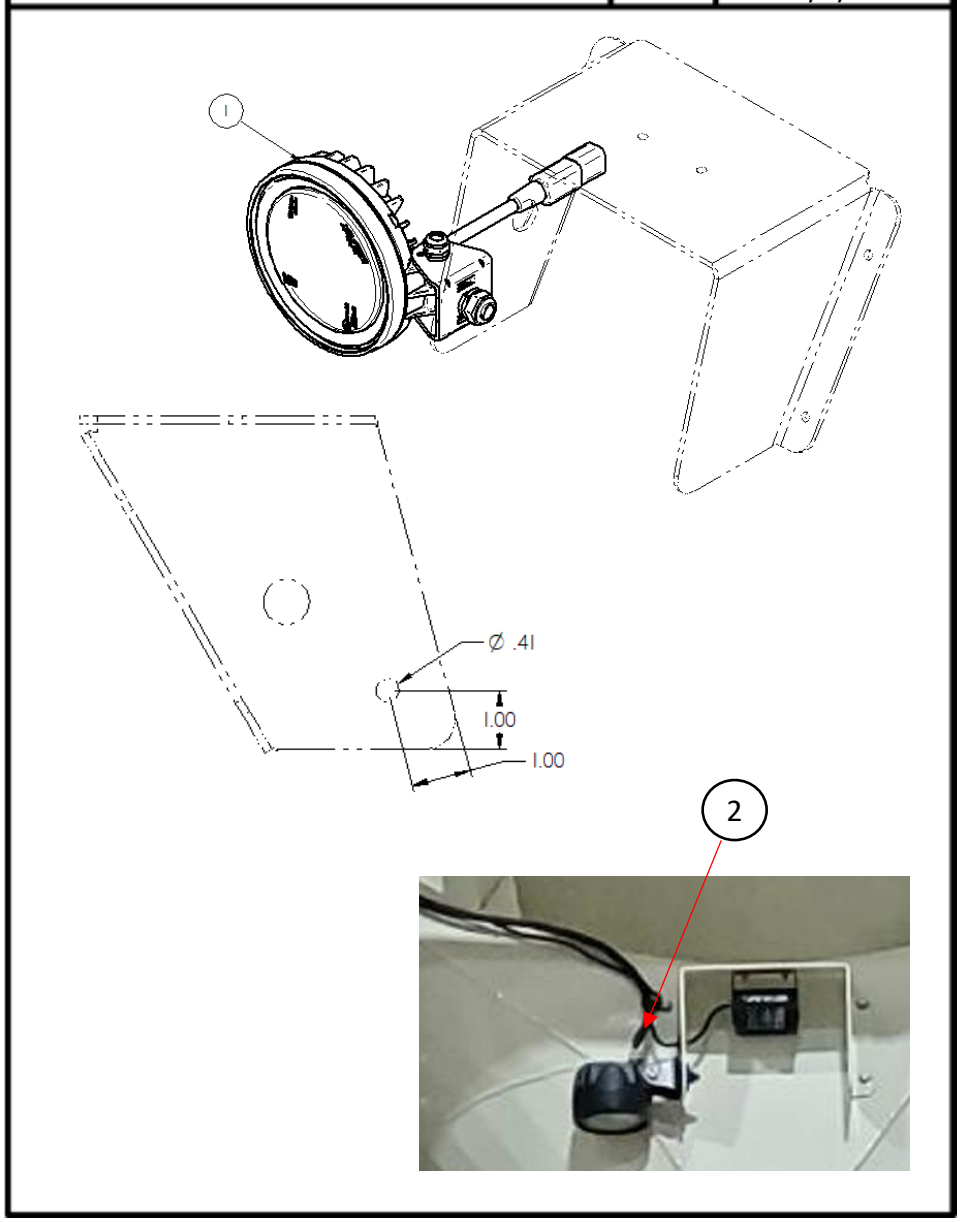
10.9 98409394 – ASSY, FRONT SLUMP METER



ITEM	PART NO.	DESCRIPTION	QTY
1	30389212	FITTING - HYD TEE #4 37° SWIV NUT RUN	1
2	70101884	PLT – SLUMP GAGE BRACKET	1
3	30389275	ASSY., FITTING , FEMALE BULKHEAD 1/4” NPT	1
4	30389146	GAUGE – HYD, PRESSURE 0-5000PSI 1/4” NPT	1
5	70102168	SCREW – M81.25 – 20	2
6	98344386	HOSE - HYD SAE 4/4 X 22" - 5850 PSI	1

10.10 70102192 – ASSY, ADDITIONAL WORK LIGHT

	70102192	
	00	2/5/25

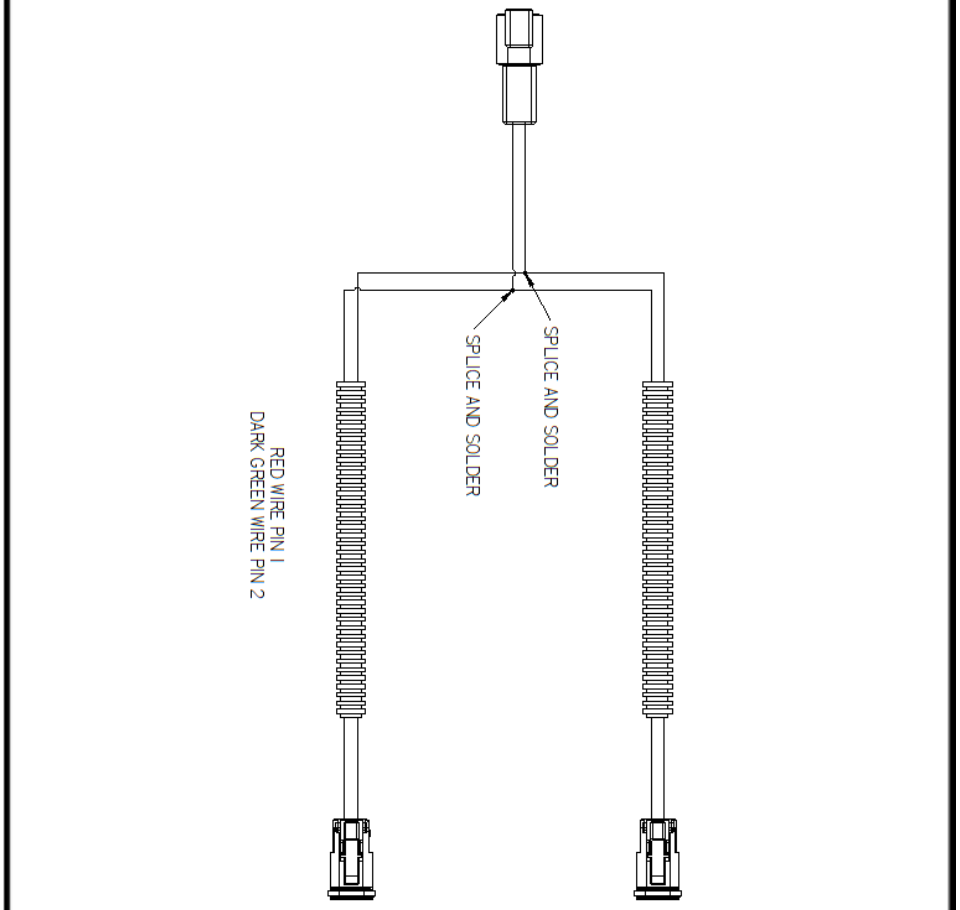


NOTE: ADDITIONAL HOLE IS DRILLED IN REAR CAMERA BRACKET

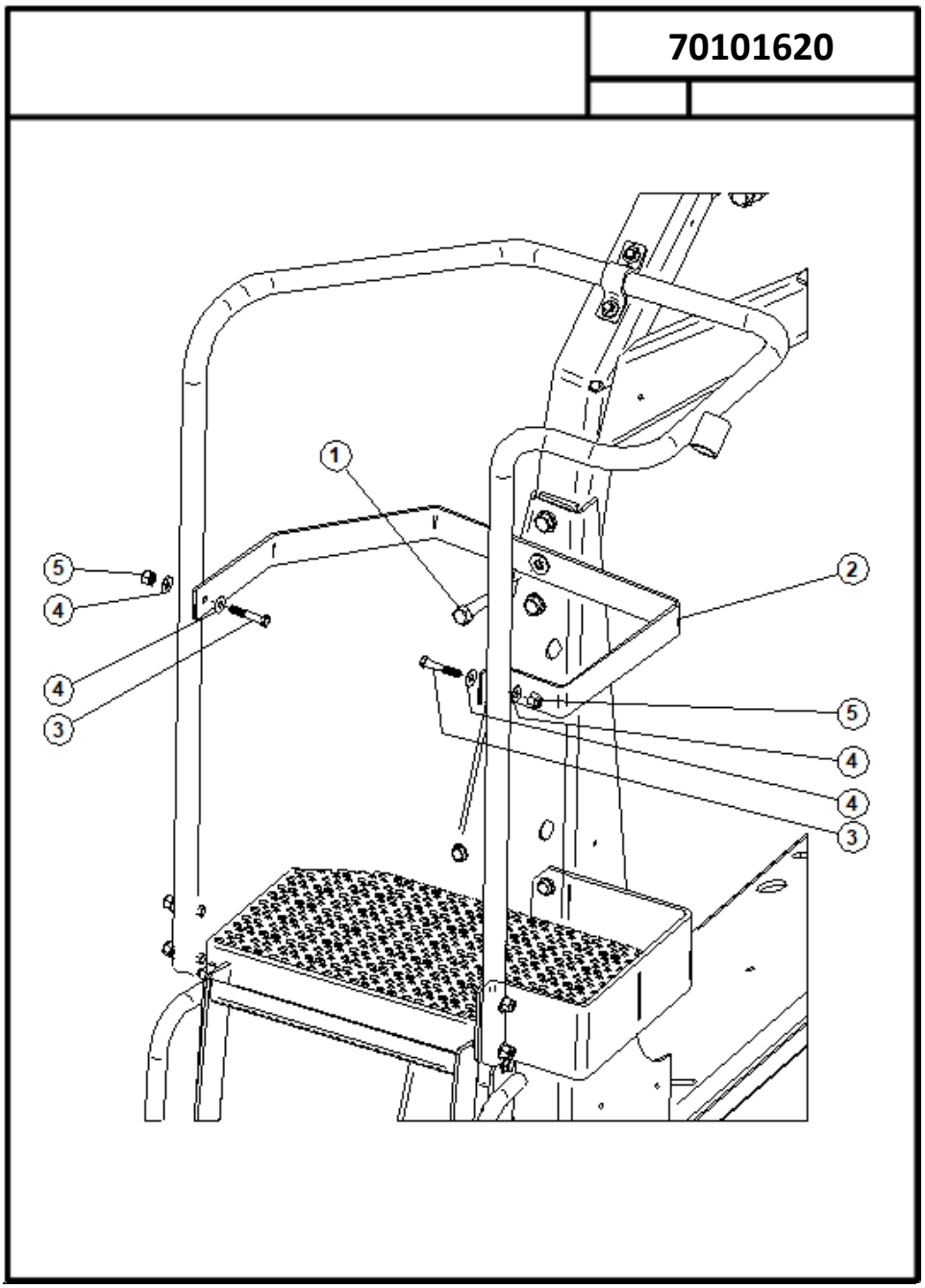
ITEM	PART NO.	DESCRIPTION	QTY
1	98388565	LIGHT LED WORKLIGHT	1
2	70101667	HARNESS, WORK LIGHT SPLITTER	1

10.10.1 70101667 – HARNESS, WORK LIGHT SPLITTER

	70101667	
	00	1/10/24

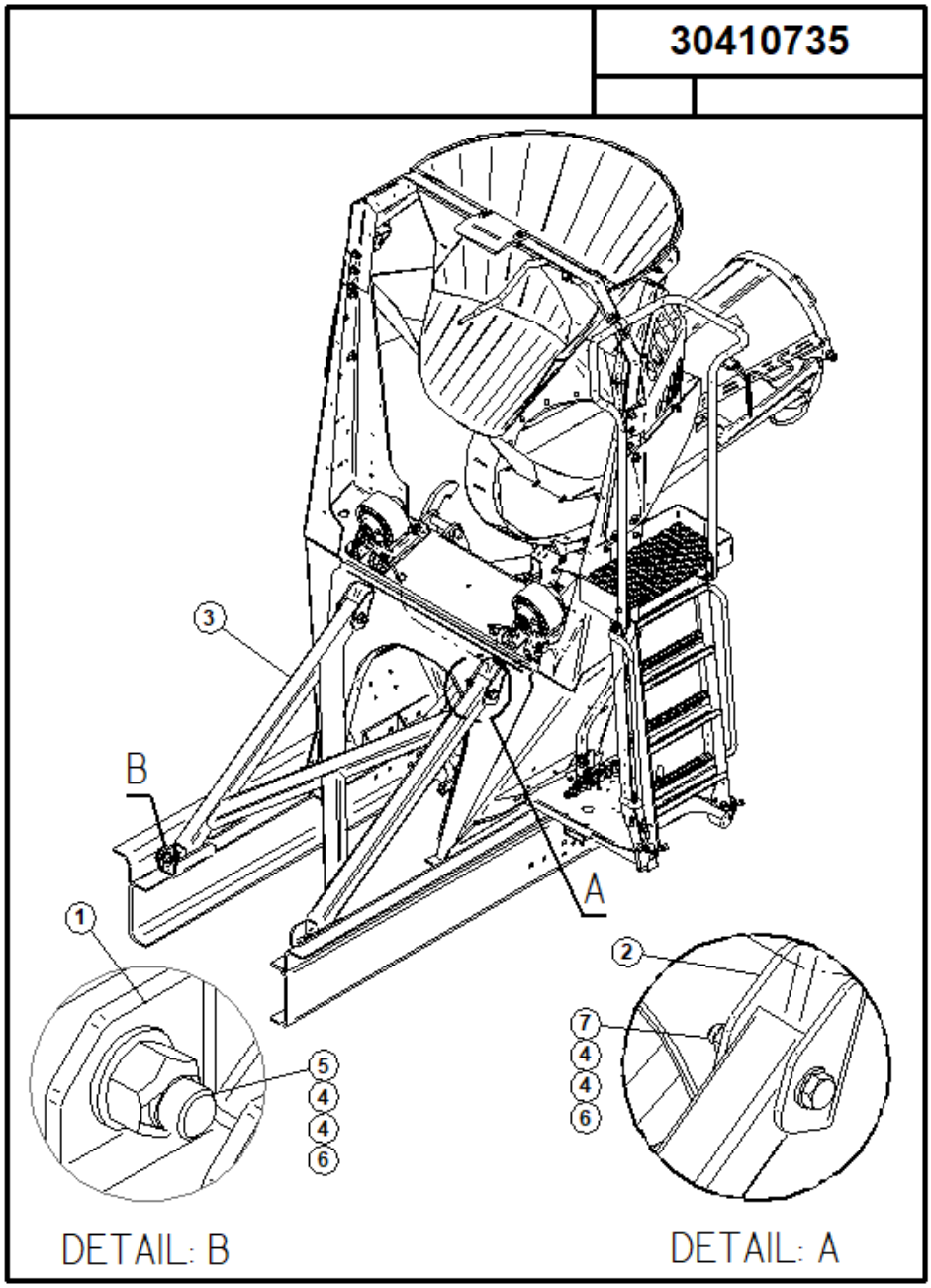


10.11 70101620 – ASSY, MHR, REAR PEDESTAL



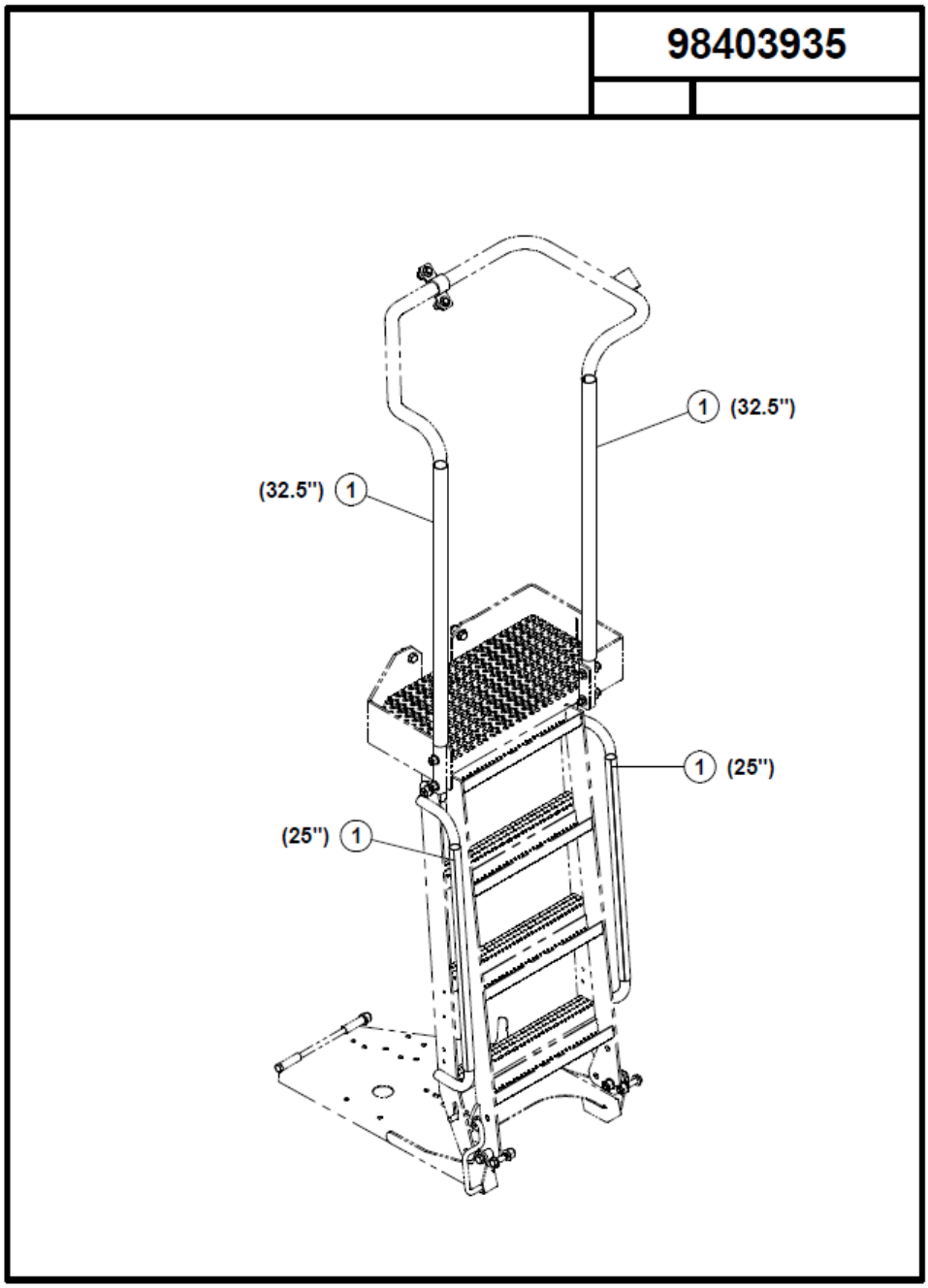
ITEM	PART NO.	DESCRIPTION	QTY
1	30310889	HHCS, 5/8”-11 X 2 1/2”	1
2	70100895	PLATE, MID HEIGHT RAILING	1
3	30358387	HHCS, 3/8”-16 X 2 1/4”	2
4	30302130	WASHER, FLAT 3/8	4
5	30389195	NUT, NYLOCK 3/8”-16	2

10.12 30410735 – KNEE BRACE ASSY RAILED FRAME



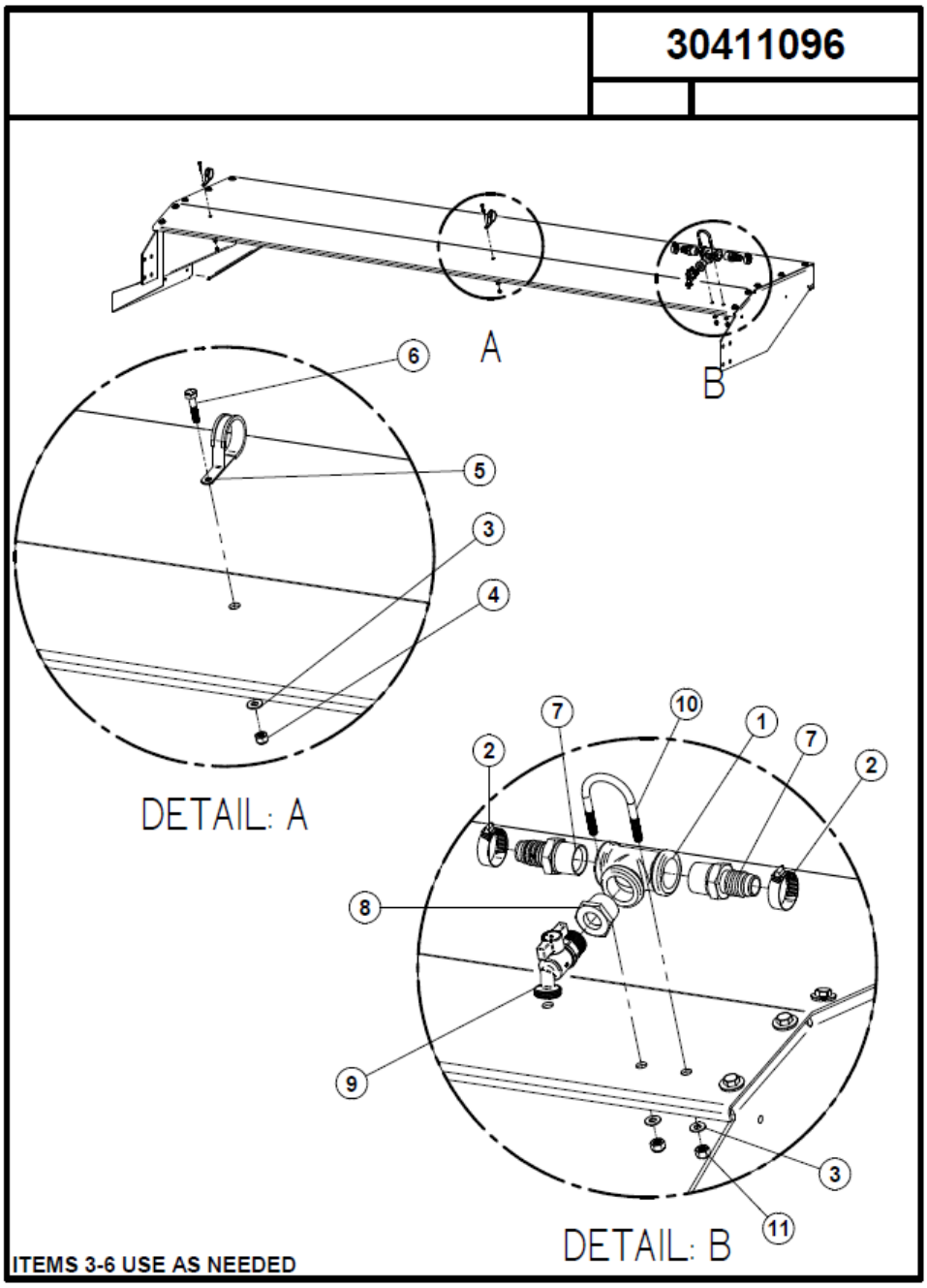
ITEM	PART NO.	DESCRIPTION	QTY
1	98334664	PLATE - KNEE BRACE MOUNT	2
2	70101403	PLT - KNEE BRACE PEDESTAL MOUNT	2
3	98334663	WELDMENT - KNEE BRACE	1
4	30386508	WASHER - FLAT, TENSION X 7.8"	12
5	70100830	SCREW-HEX 7/8"-14X3.00" GR. 8	4
6	70100831	NUT- 7/8"-14 GR. C TOP LOCK	6
7	70101407	SCREW - HEX 7/8"-14 X 5.50" GR. 8	2

10.13 98403935 – ASSY, HANDRAIL ANTI SLIP TAPE



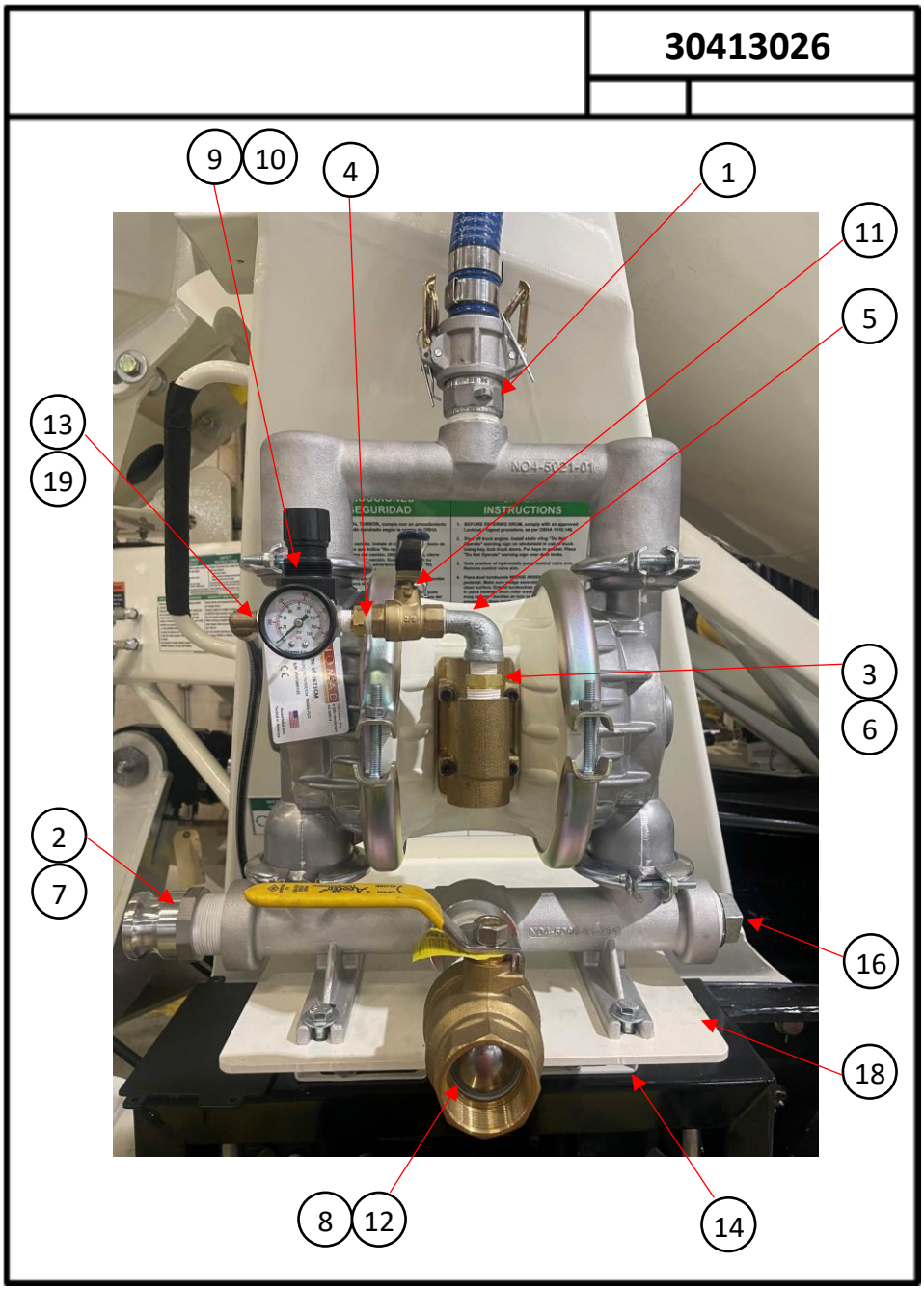
ITEM	PART NO.	DESCRIPTION	QTY
1	98403935	ADHESIVE ANTISLIP TAPE 4” WIDE	58 FT

10.14 30411096 – COLD WEATHER DRAIN OPTION



ITEM	PART NO.	DESCRIPTION	QTY
1	30330858	1” GAVL. WATER TEE	1
2	30389225	1”X1” WATER BARB	2
3	30303735	WASHER 1/4”	4
4	30334582	NUT, 1/4”-20 NYLOCK	2
5	30389305	1” STRAP 1.5” OD	2
6	30358320	HHCS, 1/4”-20 X 1.25”	2
7	30303225	HOSE CLAMP 13/16” X 1 3/4”	2
8	30310678	BUSHING 1” X 3/4”	1
9	98340895	FAUCET GARDEN HOSE 3/4”	1
10	30389308	U-BOLT 1 3/4” OD WITH 5/16” THREAD	1
11	30390383	NUT, 5/16”-18 NYLOCK	2

10.15 30413026 – RECLAIMER ENVIROGUARD P.S.



30413026

Enviroguard Front & Rear Discharge Hose Kit Parts List

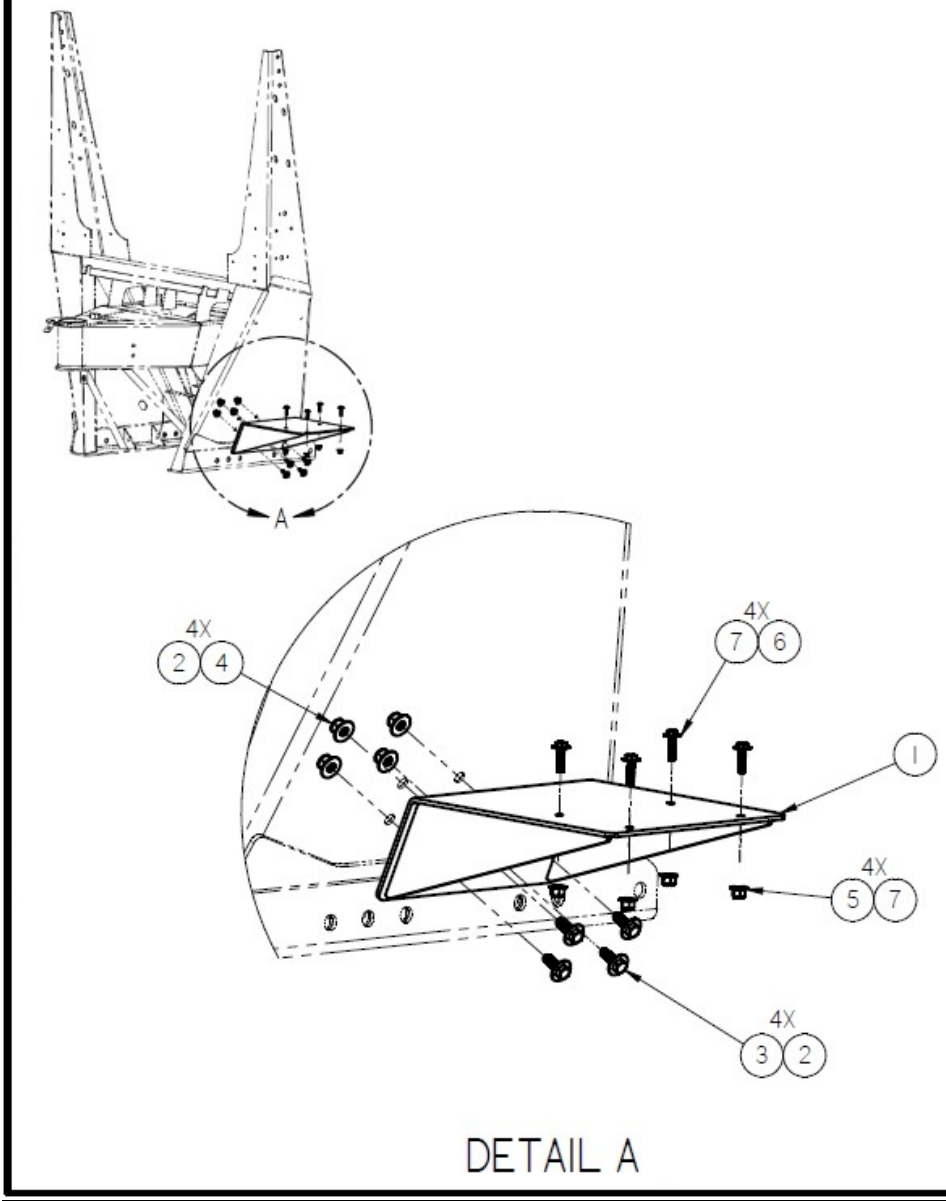
1		G65F-125	1-1/4" Part F Aluminum Cam-Lock
2		G65A-150	1-1/2" Part A Aluminum Cam-Lock
3		G0816B-08-06	1/2" Male X 3/8" Female Brass Bushing
4		G1616B-06-04	3/8" Male X 1/4" Male Brass Pipe Hex Nipple
5		G1698G-038-038	3/8" Galvanized 90' Street Elbow
		G7016-04-06	Air Brake Compression Male NPT Connector
6		G1616G-038XC	3/8" X Close Standard Galvanized Nipple
7		G1616G-150XC	1-1/2" X Close Standard Galvanized Nipple
8		G1616G-150X4	1-1/2" X 4" Standard Galvanized Nipple
		G1698G-075-075	3/4" Galvanized 90' Street Elbow
		G6-25 (2 PCS)	1-9/16" ID Support Clamp
9		R12R-02	1/4" Regulator
10		PGD15-CBM-0160	0-160 PSI Dry Center Back Mount Pressure Gauge
11		V202-038	3/8" Full Port Ball Valve
12		V202-150	1-1/2" Full Port Ball Valve

ITEM	PART NO.	DESCRIPTION	QTY
1-12	98438511	KIT WATER RECLAIMER PASSENGER	1
13	30351528	FITTING - ELB 90° 3/8" TUBE X 1/4" NPTM	1
14	70102453	ASSY, RECLAIMER BUCKET MOUNT	1
15	70102465	ASSY, WATER HOSE MOUNT	1
16	98383133	PLUG, SQ HD, 1.5" NPT BLACK	2
17	70101613	CLAMP-HYD,WORMGEAR 1.75"-2.75"	2
18	70101389	ASSY, PUMP MOUNT	1
19	30305009	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 WALL	20 FT

NOTE: ITEMS 1-12 ARE SHIPPED WITH RECLAIMER KIT. ITEM 15 IS ASSEMBLED TO THE CURB SIDE FENDER. ITEM 17 IS NOT SHOWN.

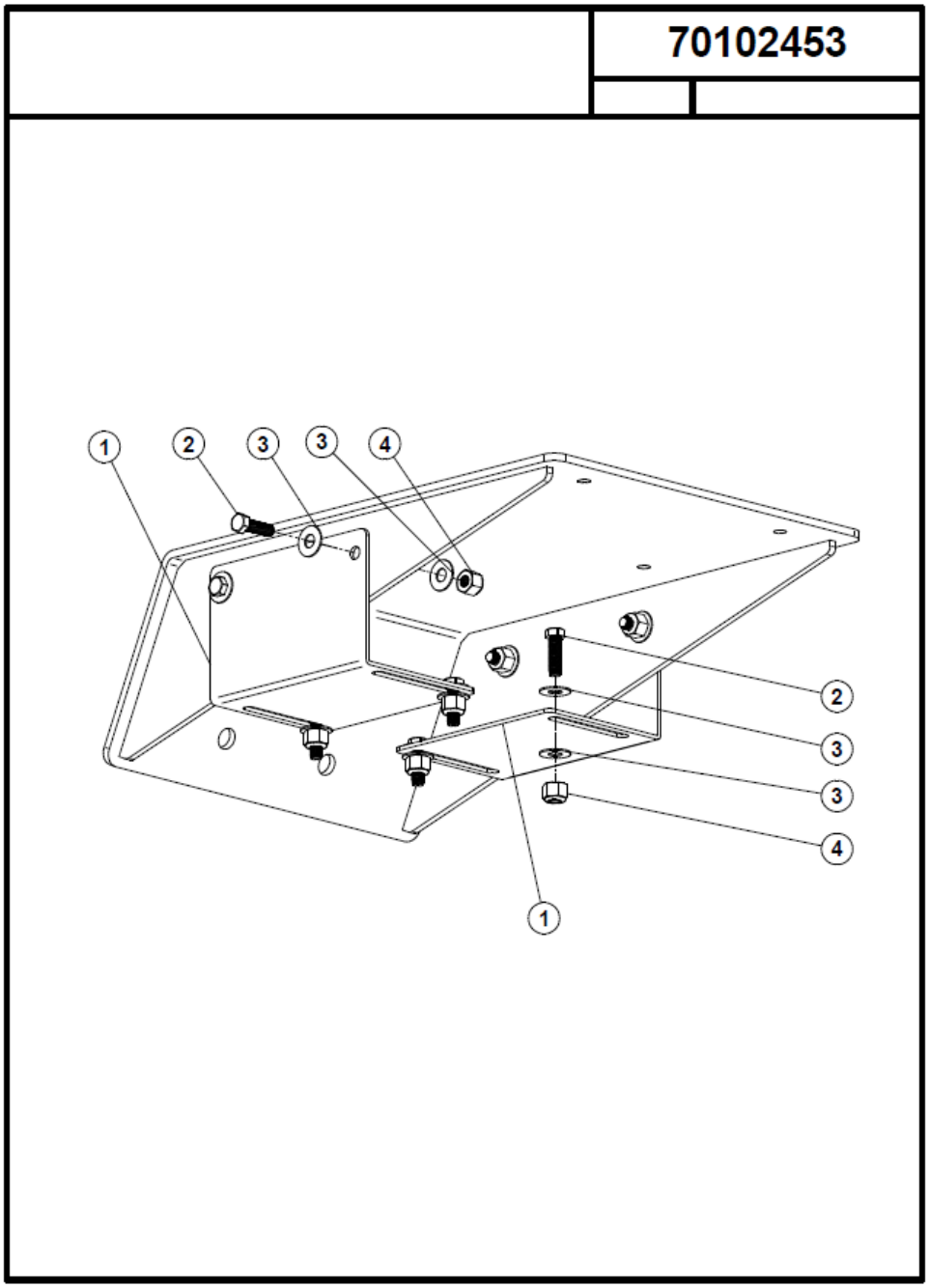
10.15.1 70101389 – ASSY, PUMP MOUNT

	70101389	
	00	08/24/24



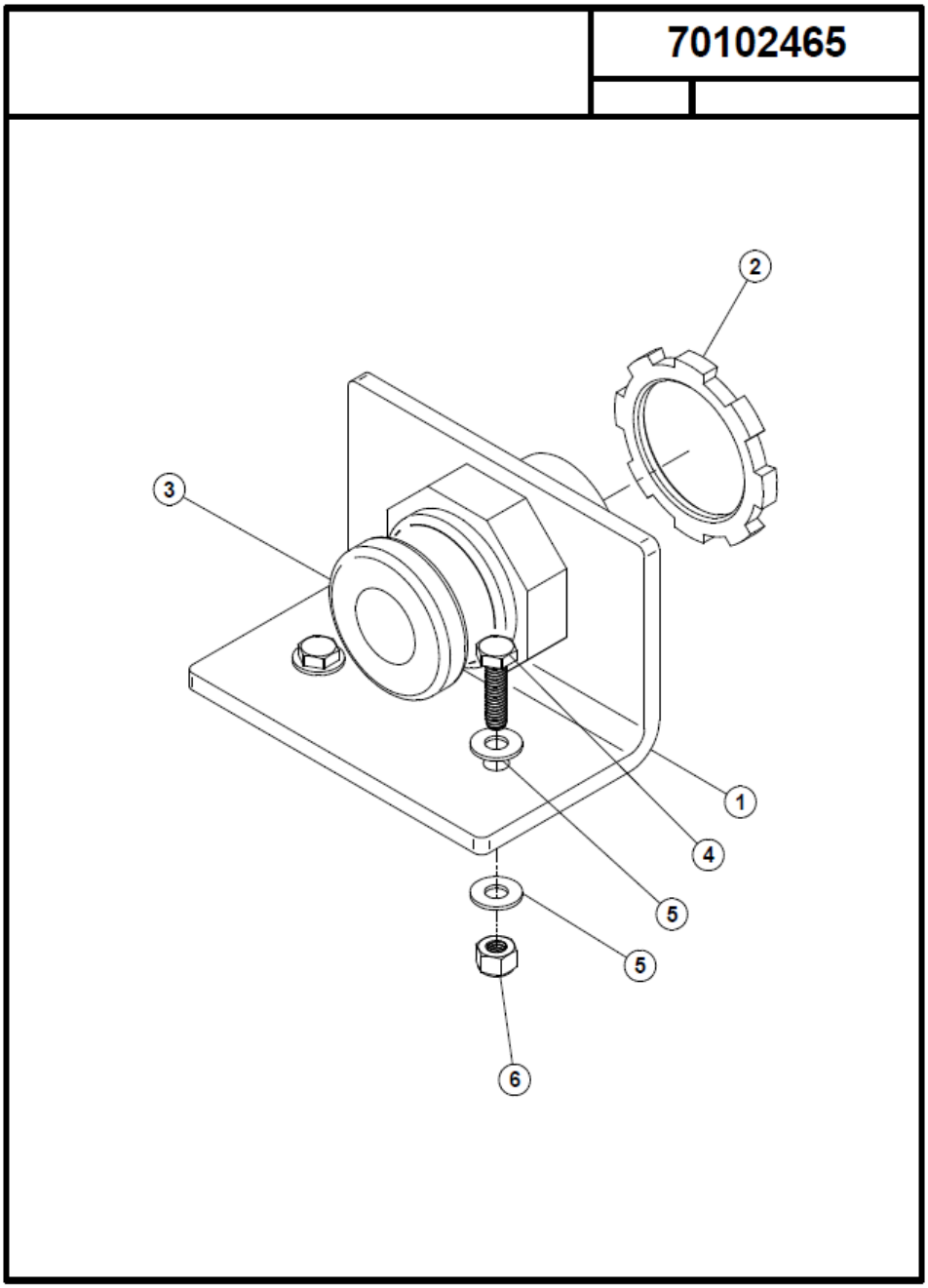
ITEM	PART NO.	DESCRIPTION	QTY
1	70101361	WMT, PUMP MOUNT	1
2	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	8
3	30302654	SCREW - 1/2"-13 NC X 1 1/2" LG GR.5 HHCS	4
4	30307220	NUT, NYLON LOCK1/2 -13UNC	4
5	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	4
6	30348305	HHCS, 3/8-16UNC X 1 1/2" GR5	4
7	30302130	WASHER, FLAT,3/8, ZP	8

10.15.2 70102453 – ASSY, RECLAIMER BUCKET MOUNT



ITEM	PART NO.	DESCRIPTION	QTY
1	70102383	PLT – RECLAIM MNT BRKT	2
2	30302817	HHCS, 3/8-16UNC X 1 1/4" GR5	8
3	30302130	WASHER, FLAT,3/8, ZP	16
4	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	8

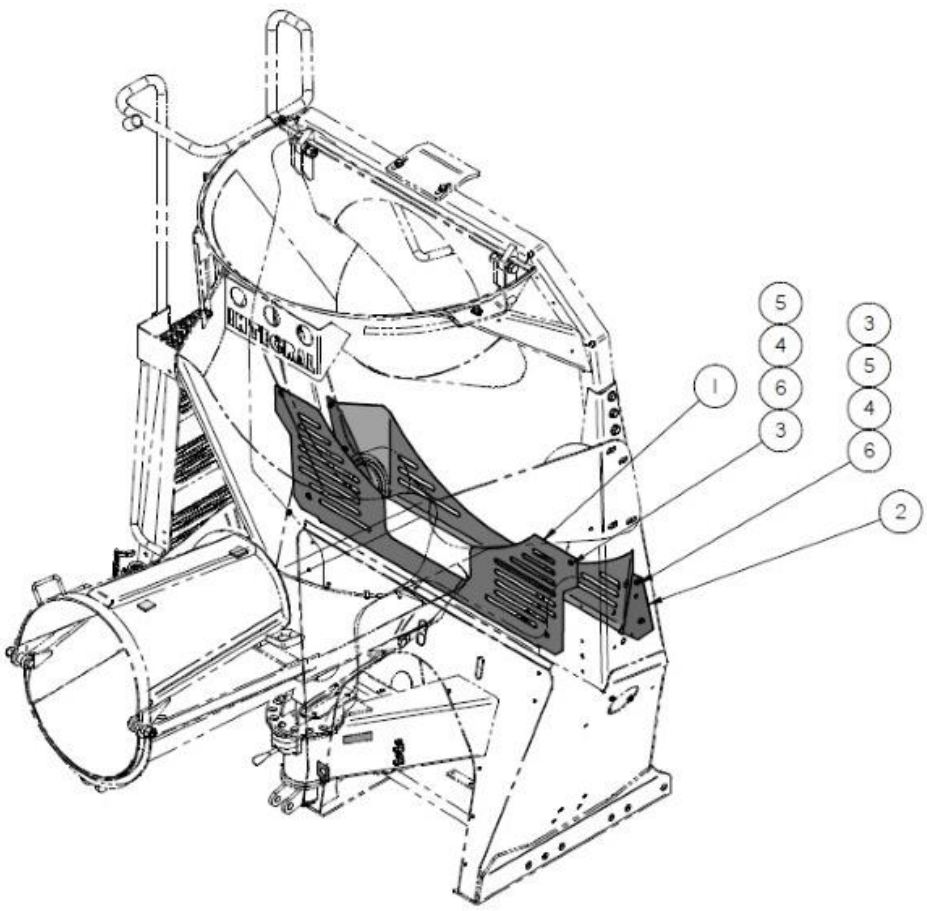
10.15.3 70102465 – ASSY, WATER HOSE MOUNT



ITEM	PART NO.	DESCRIPTION	QTY
1	70102463	PLT, WATER HOSE MOUNT	1
2	70102464	LOCKNUT, 1 1/2” AL	1
3	70100474	NPT HOSE ADAPTER, 1.5”	1
4	30302132	HHCS, 1/4”-20 X 1”	2
5	30303735	WASHER, FLAT 1/4”	4
6	30334582	NUT, NYLOCK 1/4”-20	2

10.16 98387960 – ASSY, ROLLER GUARD FRONT, REAR

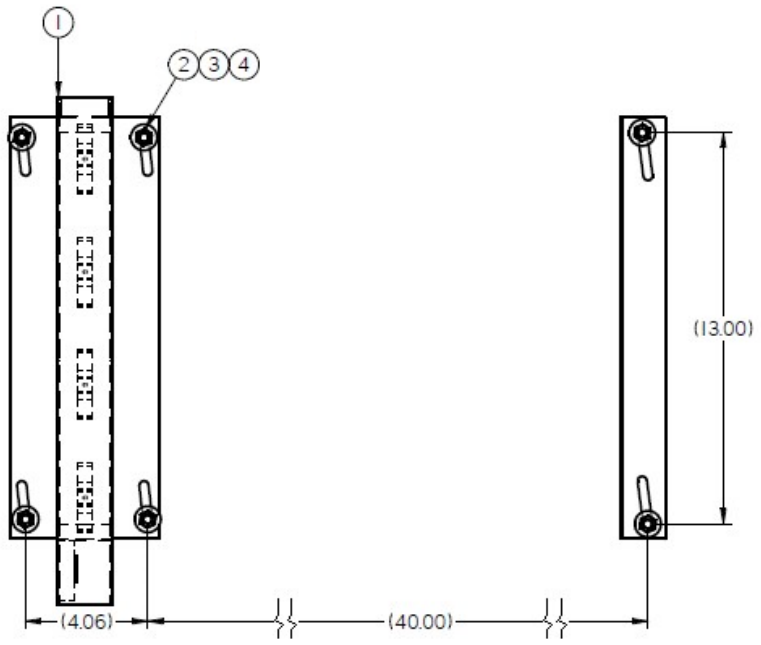
	98387960	
	00	12/21/21



ITEM	PART NO.	DESCRIPTION	QTY
1	98387889	SHEET - REAR ROLLER GUARD	1
2	98387888	SHEET - FRONT ROLLER GUARD	1
3	30302133	SCREW - HHC, 1/4"-20UNC X 3/4" LG GR5 ZP	8
4	30302123	WASHER - SPLIT LOCK MEDIUM, 1/4" - Z.P.	8
5	30303735	WASHER - FLAT, 1/4" USS - FE/ZN 3AT	8
6	30302122	NUT - HEX, 1/4-20 NC	8

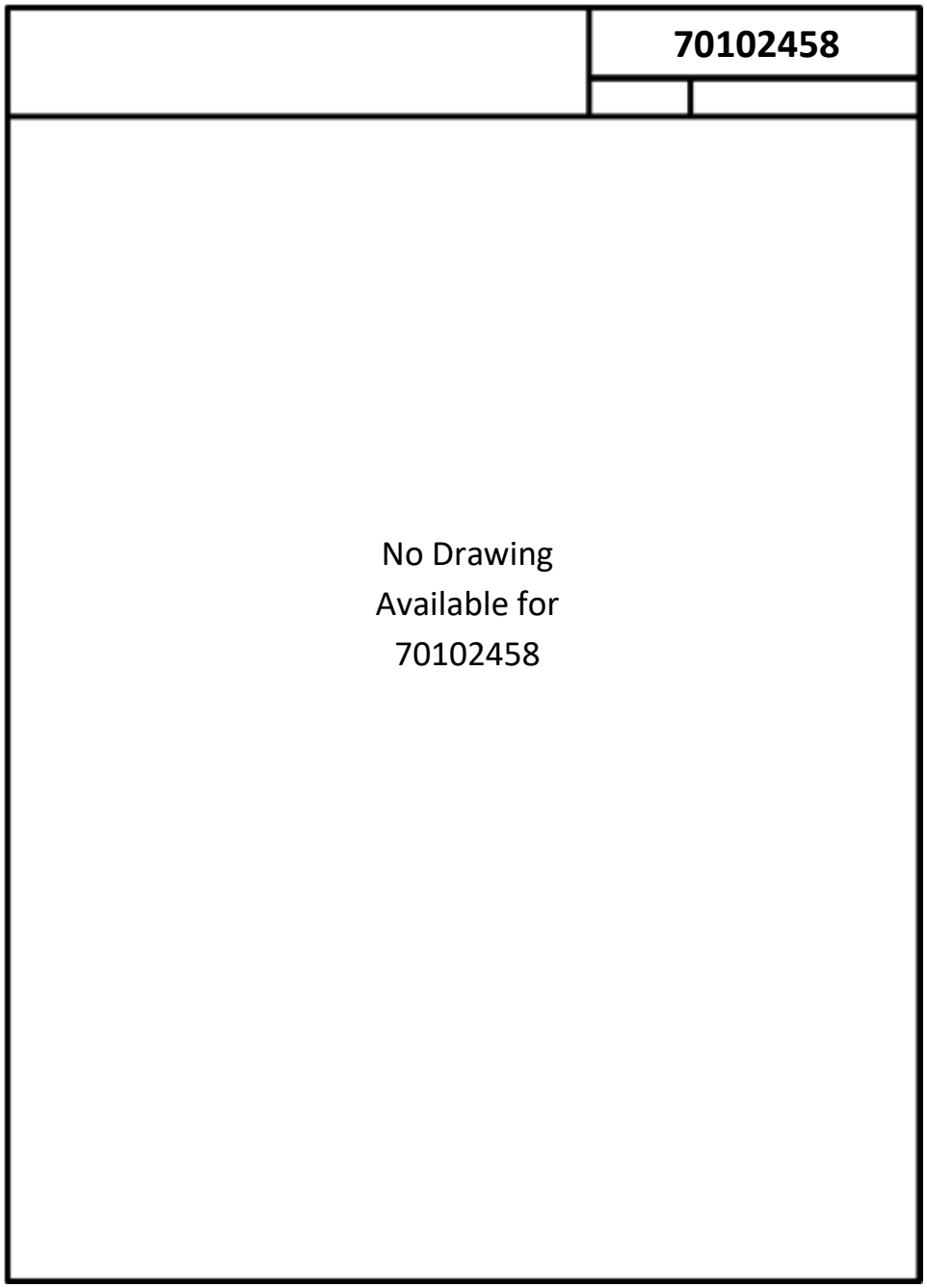
10.17 70101517 – ASSY, D-LOCK, TOOL HOLDERS

70101517	
00	12/15/23



ITEM	PART NO.	DESCRIPTION	QTY
1	70101516	D-LOCK	1
2	30373903	SCREW - HHCS, 5/16-18UNC X 1" - GR 5	6
3	30302128	WASHER - FLAT, 5/16"	12
4	30390383	NUT - 5/16" NYLOCK	6

10.18 70102458 – ASSY, 15’ HOSE OPT

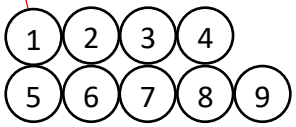


ITEM	PART NO.	DESCRIPTION	QTY
1	30302673	PARTS, WATER HOSE NOZZLE	1
2	70102456	HOSE, WATER, 5/8” X 15’	1

10.19 30408459 – TOP MOUNT LIGHT SINGLE

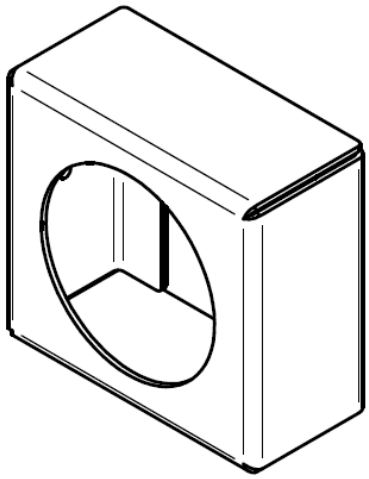
	30408459	
	00	9/13/24



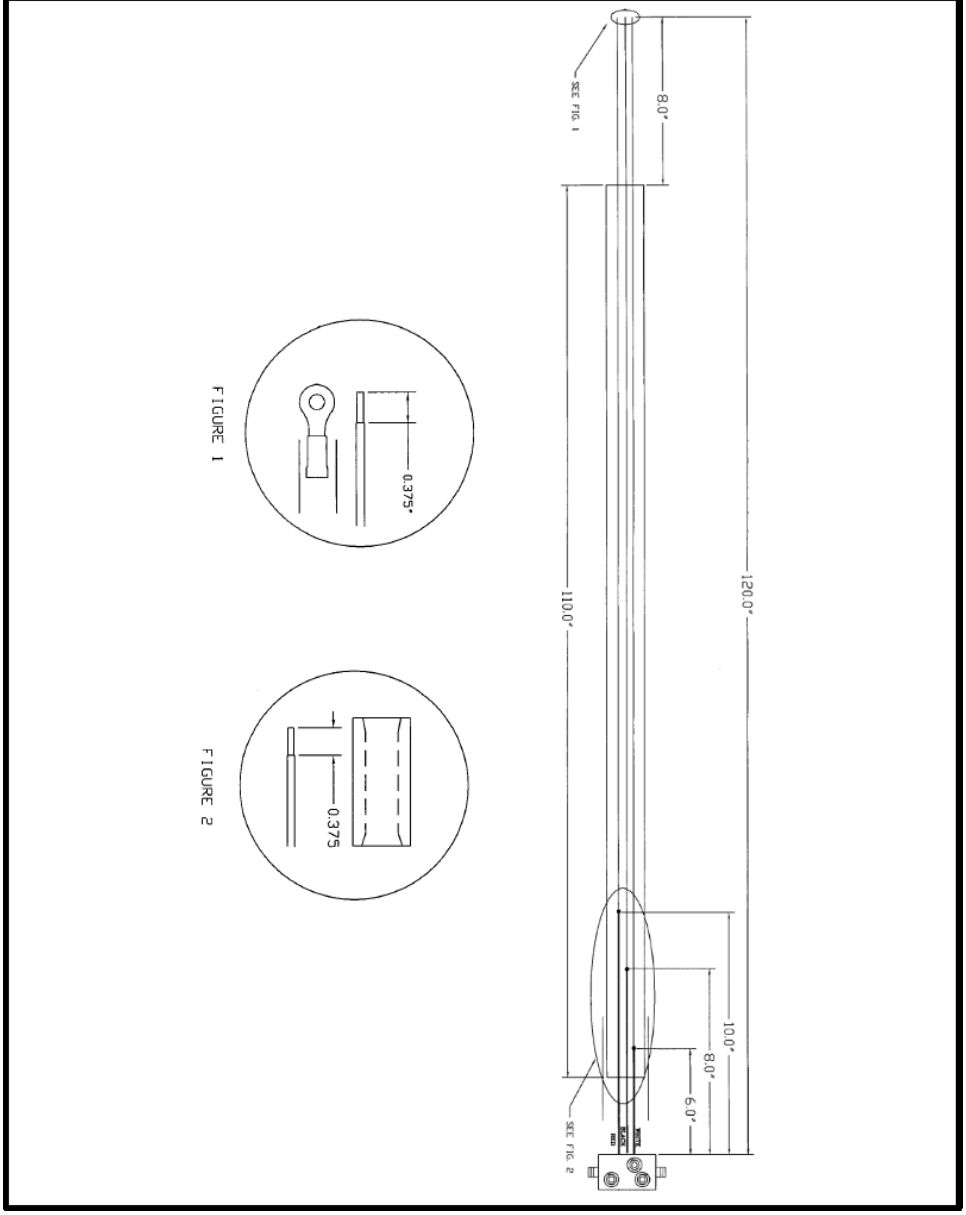


ITEM	PART NO.	DESCRIPTION	QTY
1	98386632	ENCLOSURE SINGLE LIGHT BOX	2
2	30389479	PARTS - LIGHT GROMMET 4"	2
3	30363925	HARNESS - LIGHT, TAIL, UPPER	2
4	30302132	SCREW - HHC, 1/4"-20 X 1" GR 5	4
5	30334582	NUT - LOCK 1/4"-20 NC NYLON I	4
6	30303735	WASHER - FLAT, 1/4" USS-FE/ZN	8
7	98386730	SEAL GROMMET, 13/16" OD X 3/8"	2
8	98385934	HARNESS 2-WIRE ADAPTER	1
9	30386308	LIGHT - 4" ROUND, RED LED 6-DI	2

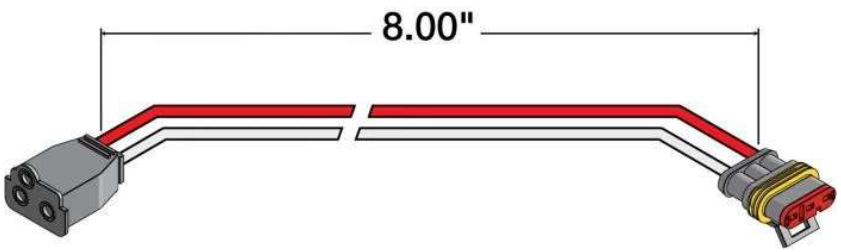
	98386632	
	00	09/09/14



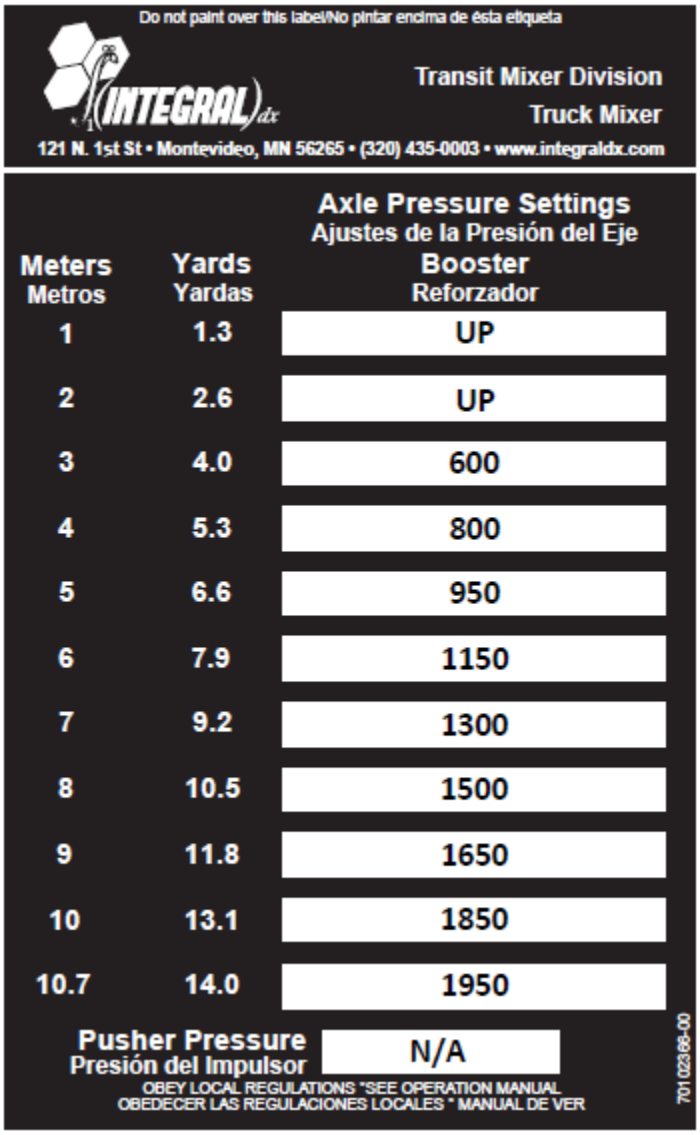
	30363925	
	A	05/09/05



	98385934



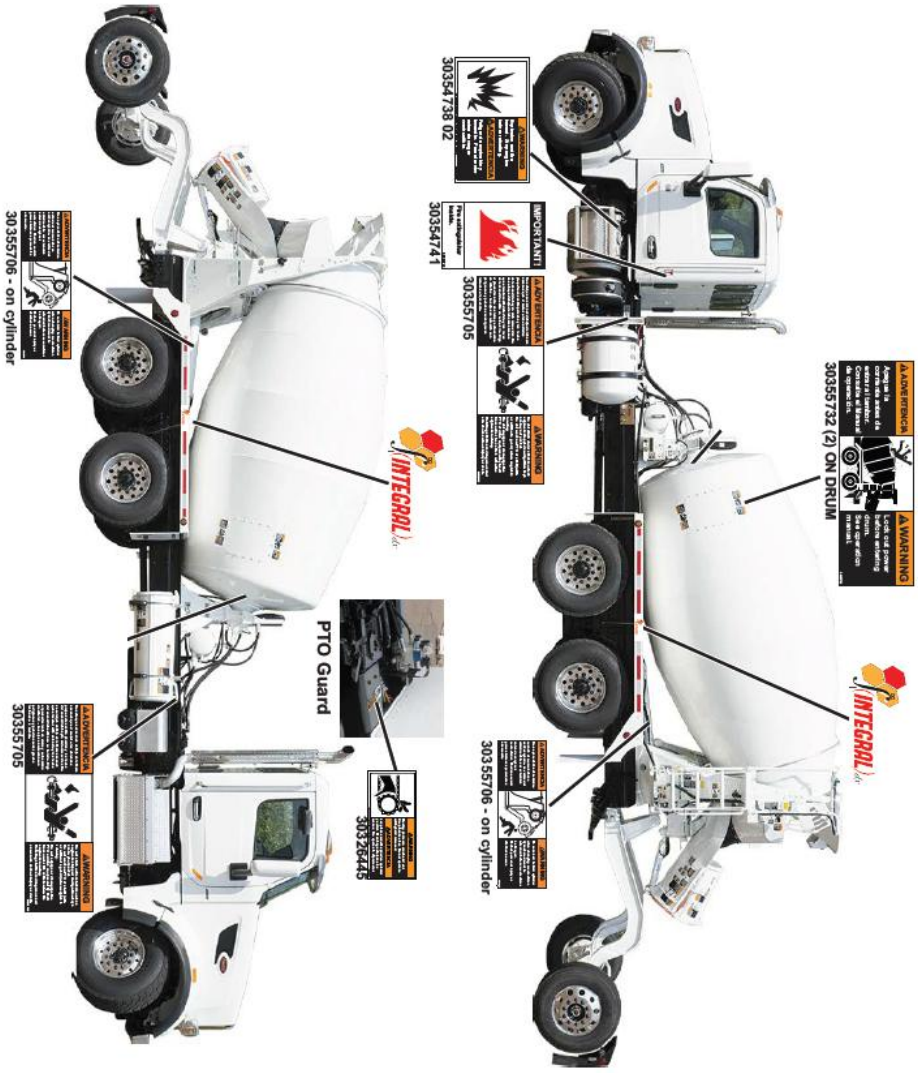
11 DECAL LOCATION GUIDE



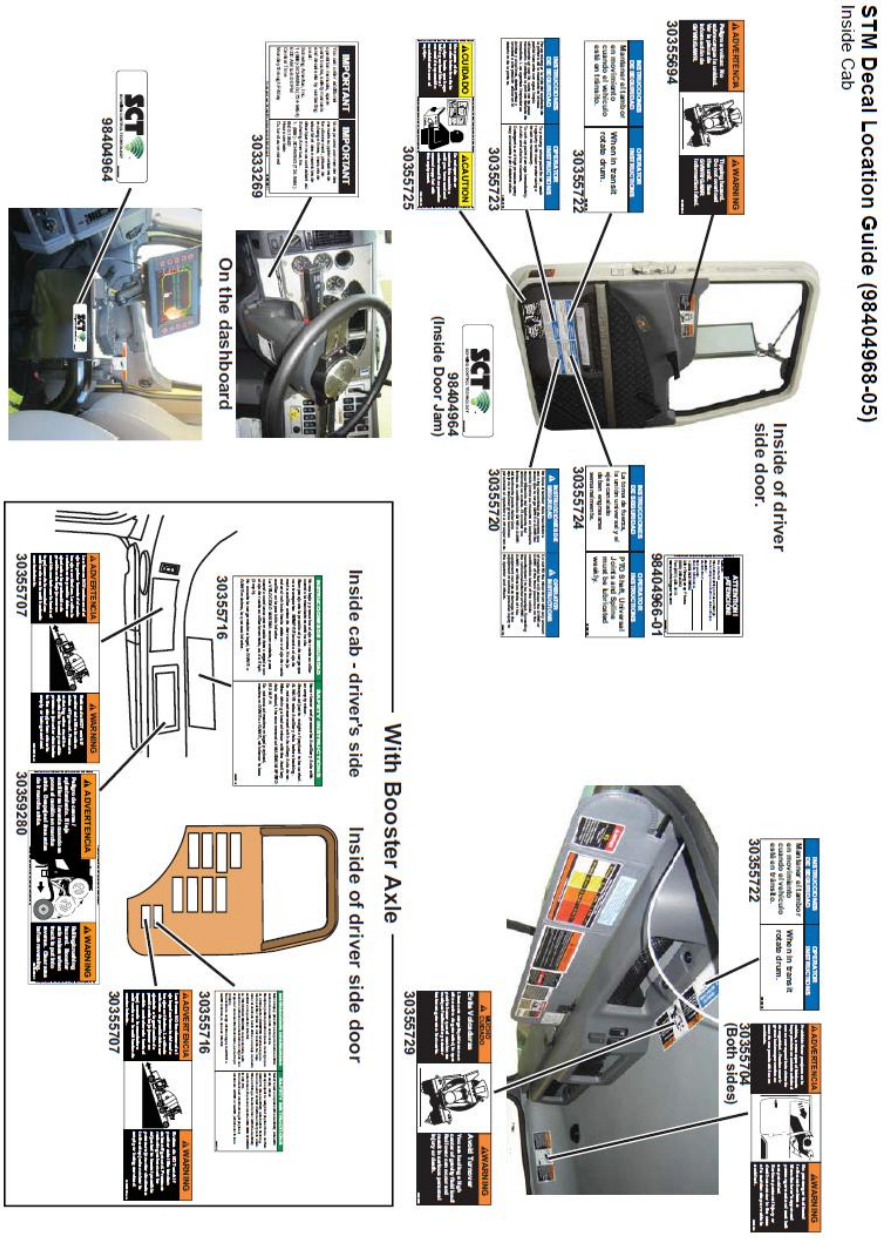
70102366 – DECAL – 14 YARD PRESSURE PLATE, RESULTS

Decal Location Guide (98404968-05)

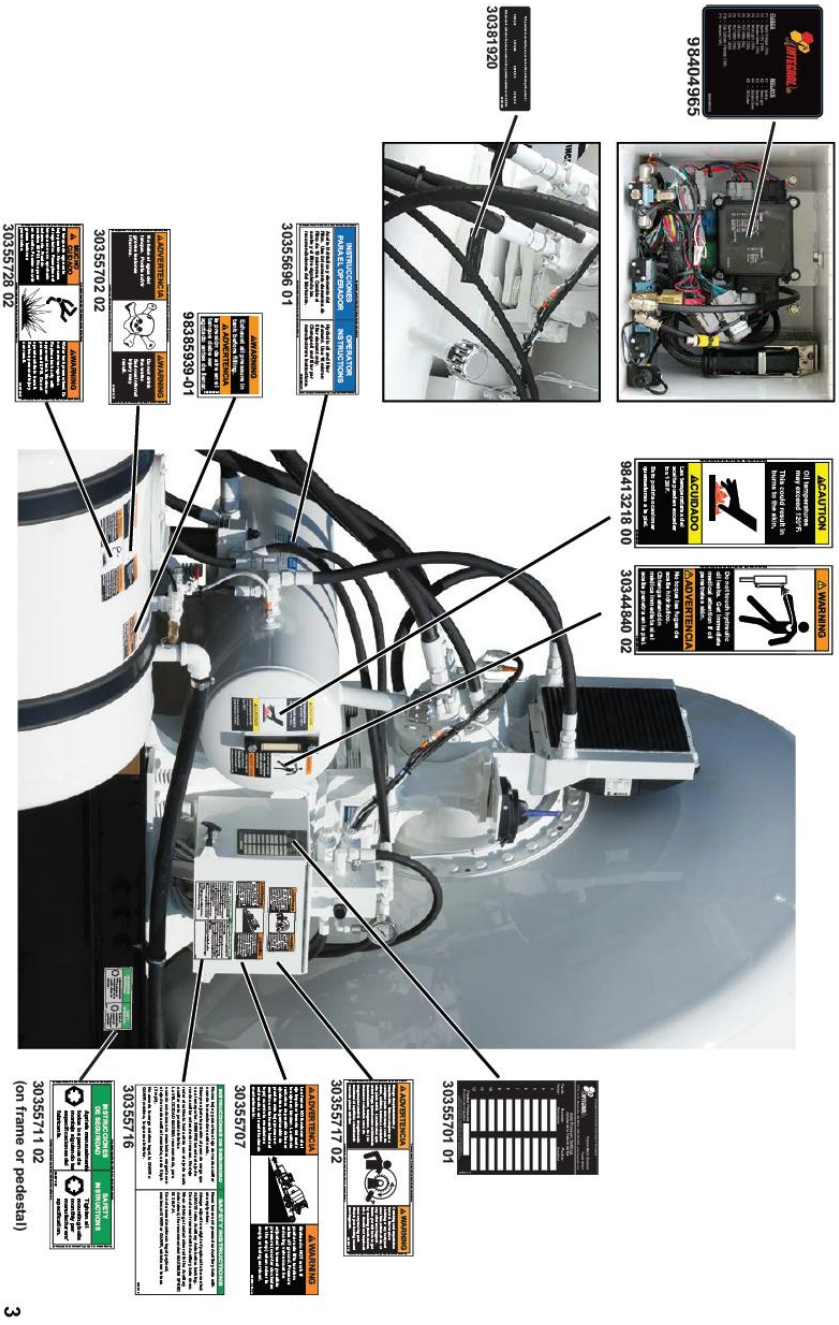
Overview



1

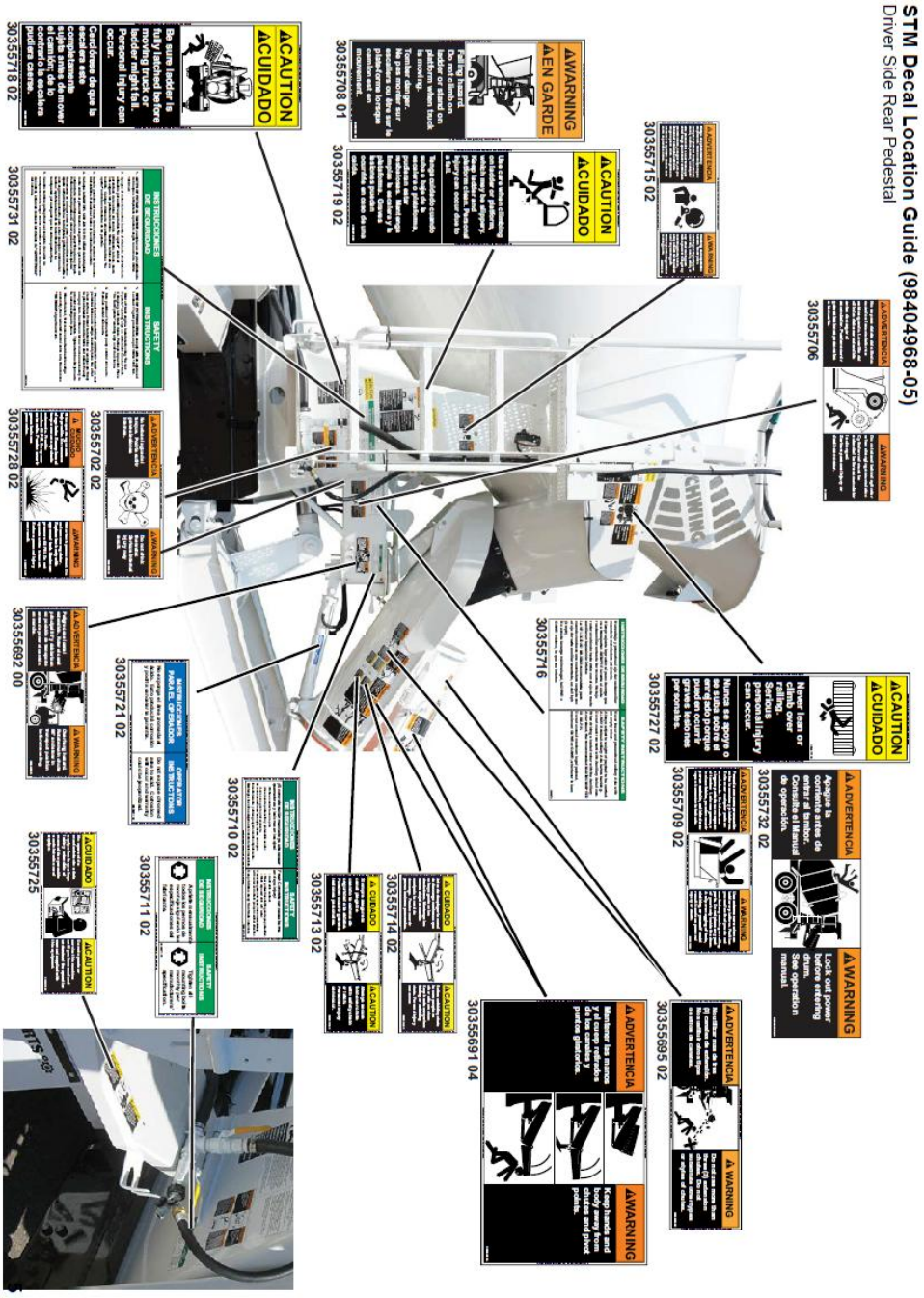

STM Decal Location Guide (98404968-05)
Inside Cab
30355694
30355723
30355722
30355725
98404964
(Inside Door Jam)
30333269
On the dashboard
98404964
Inside of driver side door.
30355720
30355724
98404966-01
30355722
30355729
30355707
(Both sides)
With Booster Axle
Inside cab - driver's side
Inside of driver side door
30355716
30355707
30359280
30355716
30355707

2

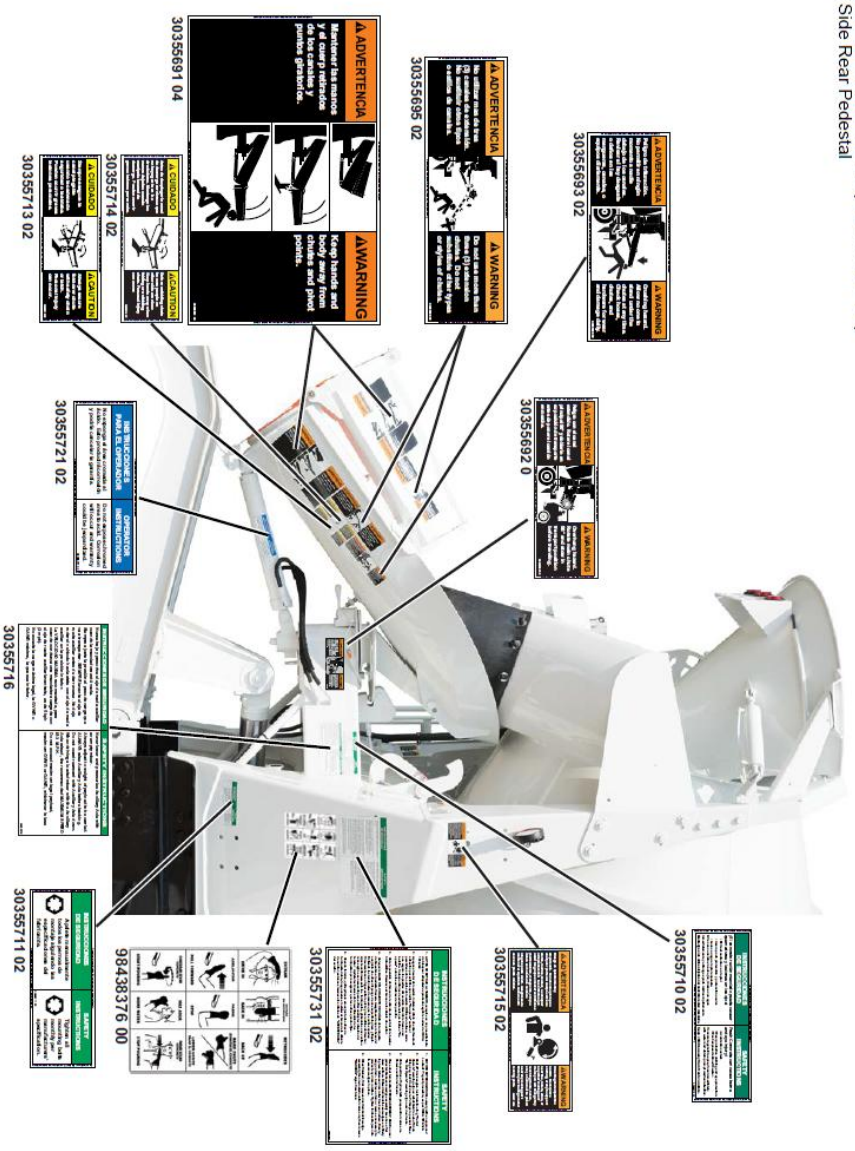

Decal Location Guide (98404968-05)
Driver Side Front Pedestal
98404965
30381920
98413218 00
30344840 02
30356696 01
98385939-01
30355702 02
30355728 02
30355701 01
30355717 02
30355707
30355716
30355711 02
(on frame or pedestal)
3

Decal Location Guide (98404968-05)
Passenger Side Front Pedestal

4


STM Decal Location Guide (98404968-05)
Driver Side Rear Pedestal
30355706
30355715 02
30355708 01
30355719 02
30355718 02
30355731 02
30355728 02
30355702 02
30355692 00
30355721 02
30355716
30355727 02
30355732 02
30355709 02
30355710 02
30355711 02
30355725
30355713 02
30355714 02
30356691 04
30356695 02

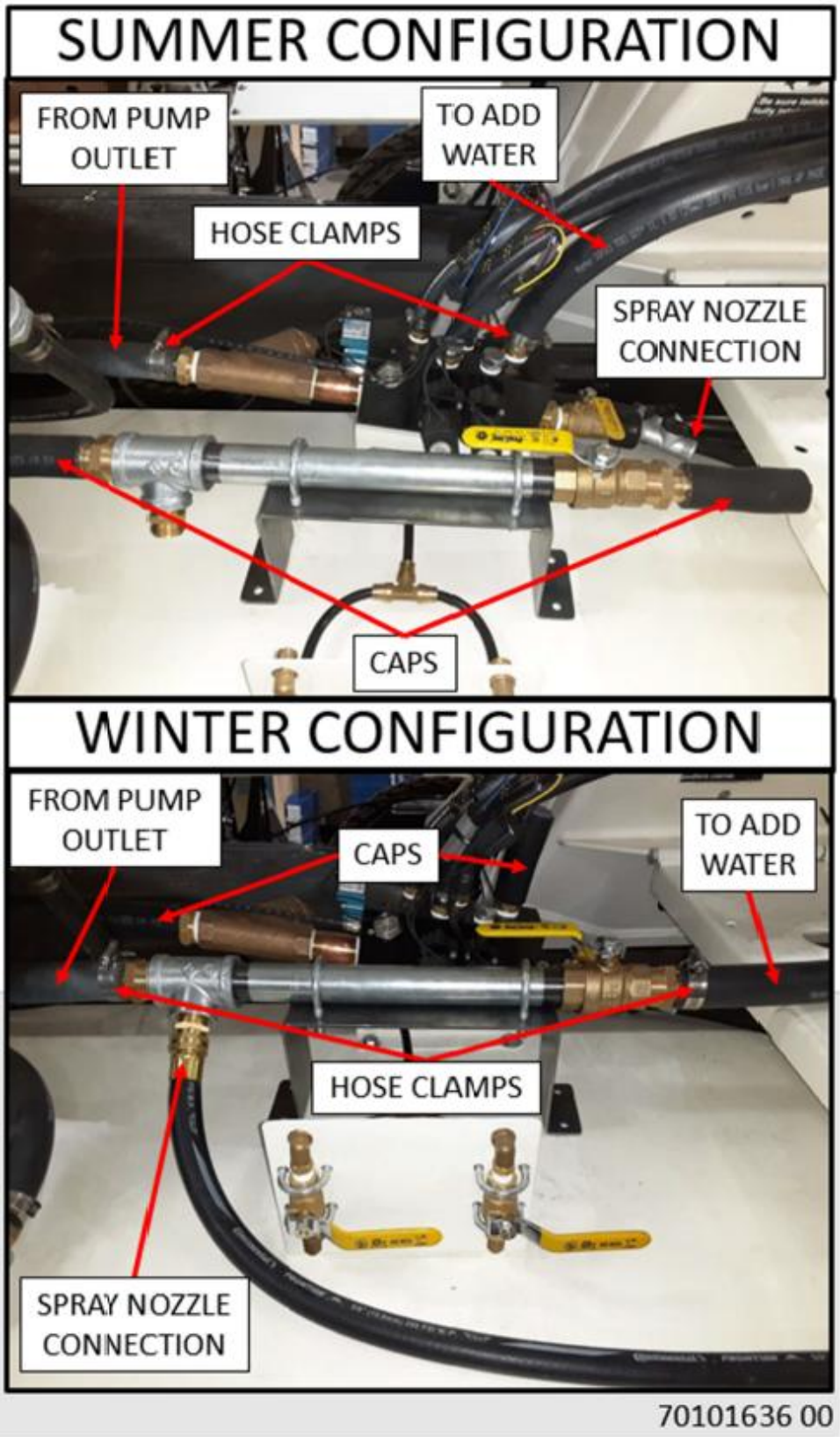
STM Decal Location Guide (98404968-05)
Passenger Side Rear Pedestal



6

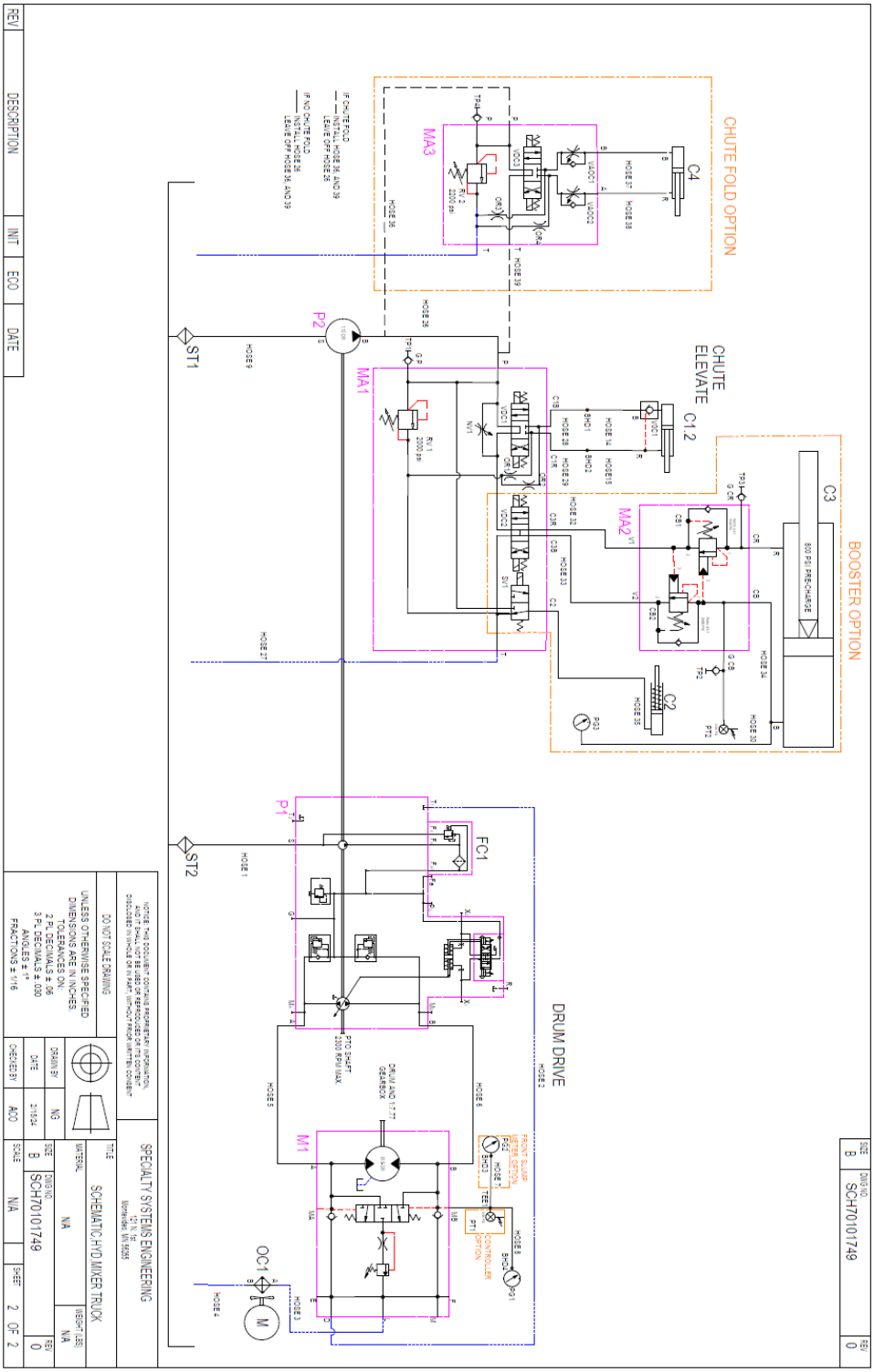
STM Decal Location Guide (98404968-05)
Rear Pedestal

7

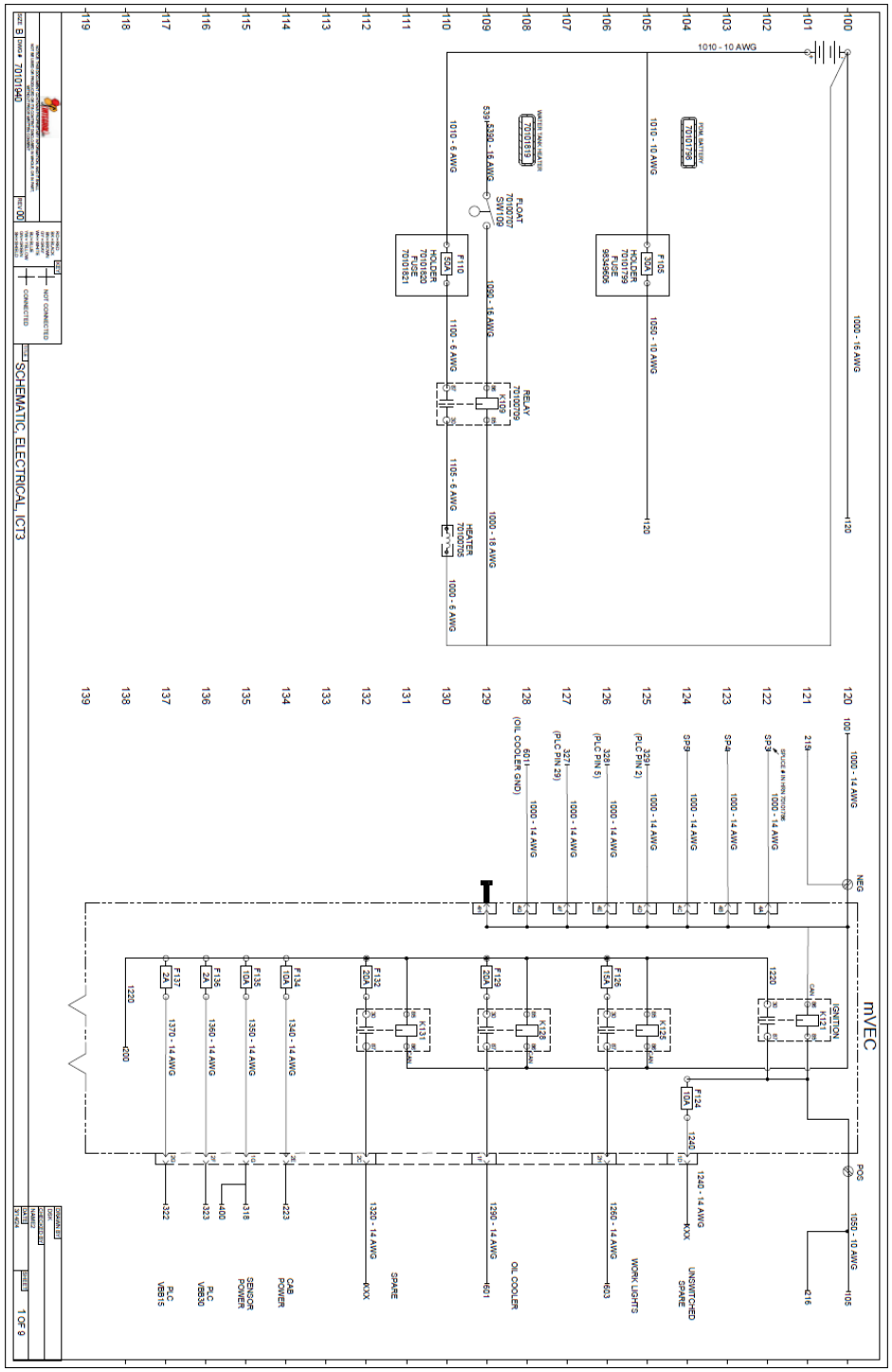

SUMMER CONFIGURATION
FROM PUMP OUTLET
TO ADD WATER
HOSE CLAMPS
SPRAY NOZZLE CONNECTION
CAPS
WINTER CONFIGURATION
FROM PUMP OUTLET
CAPS
TO ADD WATER
HOSE CLAMPS
SPRAY NOZZLE CONNECTION
70101636 00

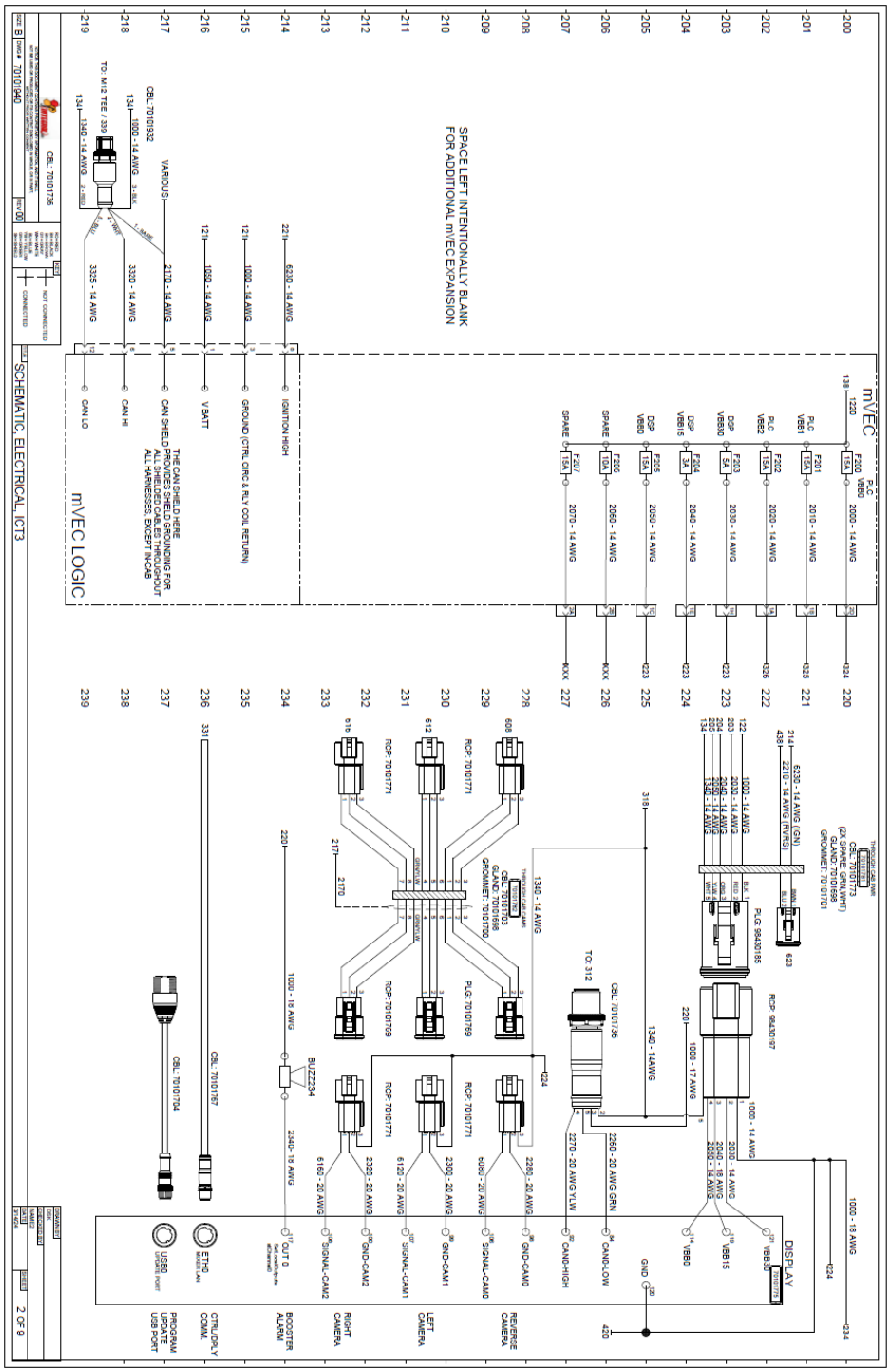
12 SCHEMATICS

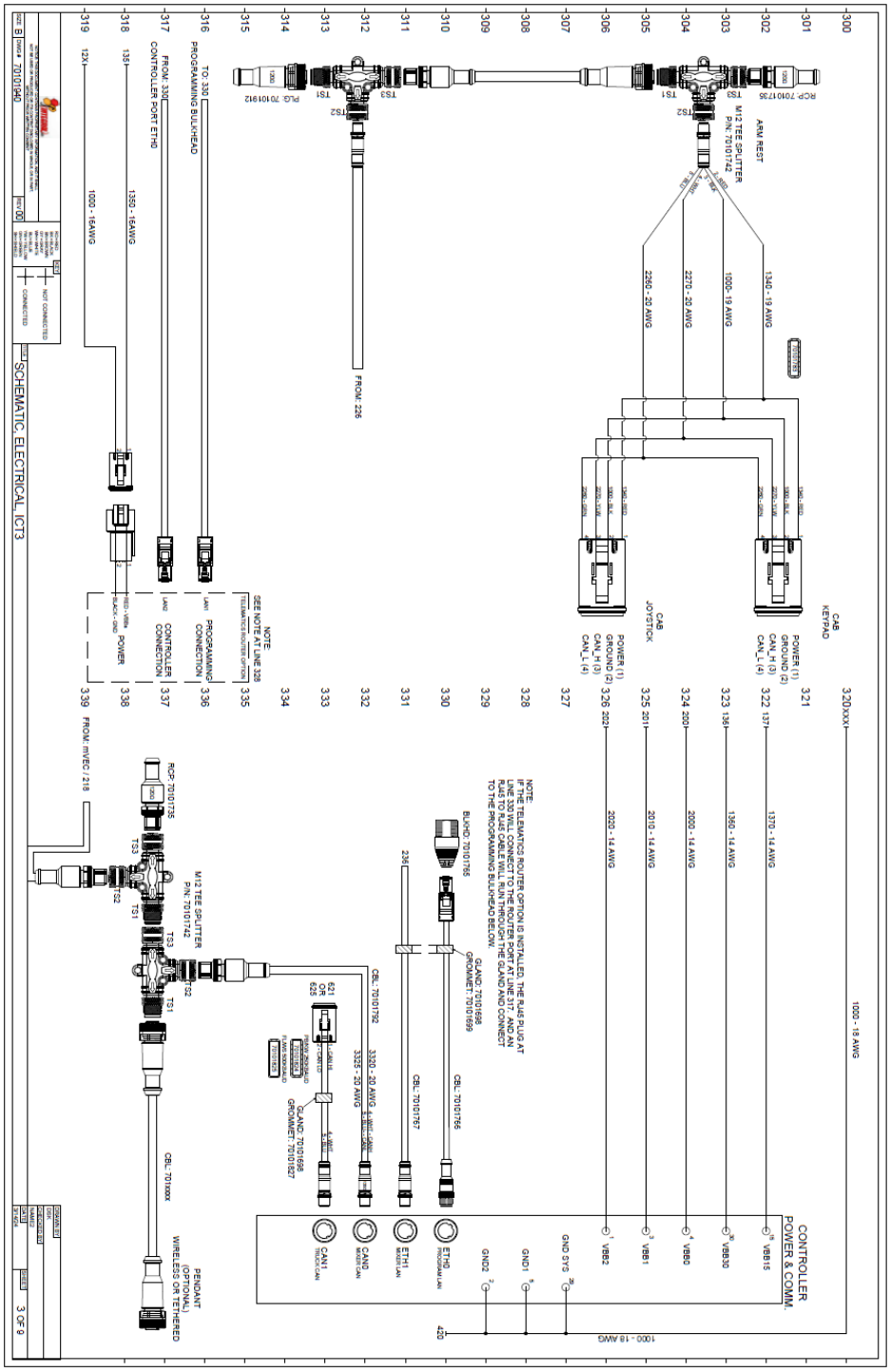
12.1 HYDRAULIC SCHEMATIC

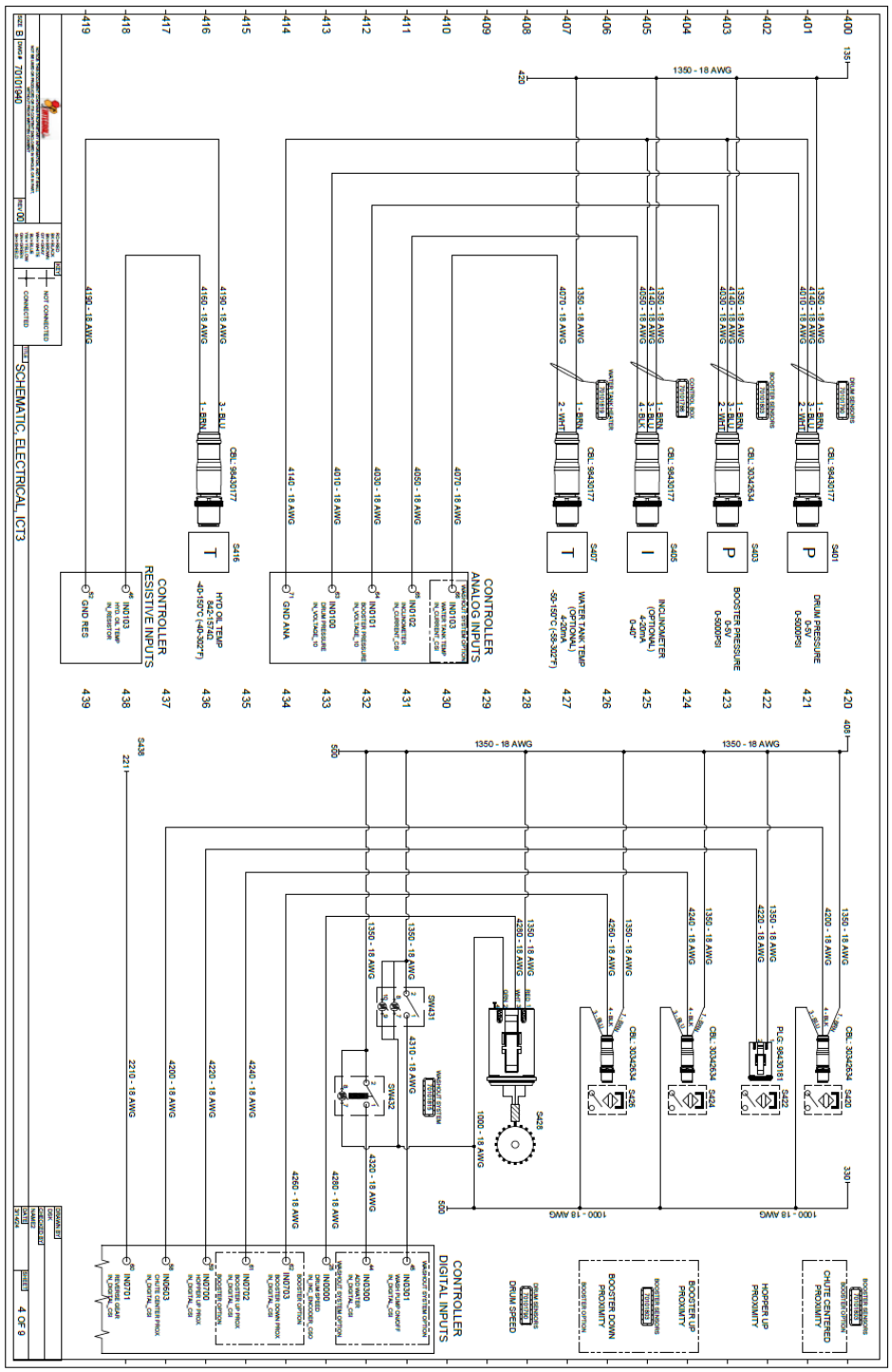


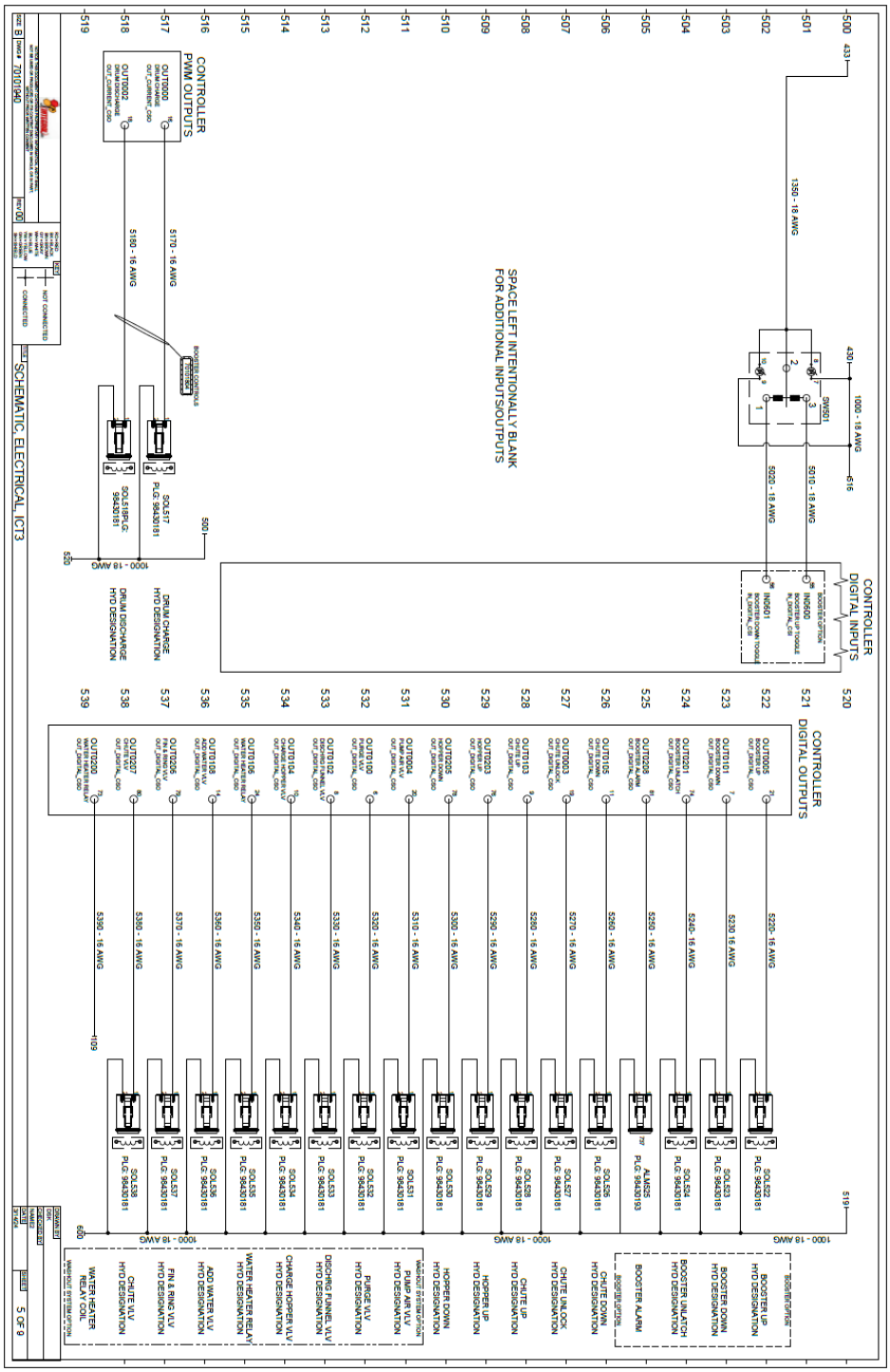
12.2 ELECTRICAL SCHEMATIC

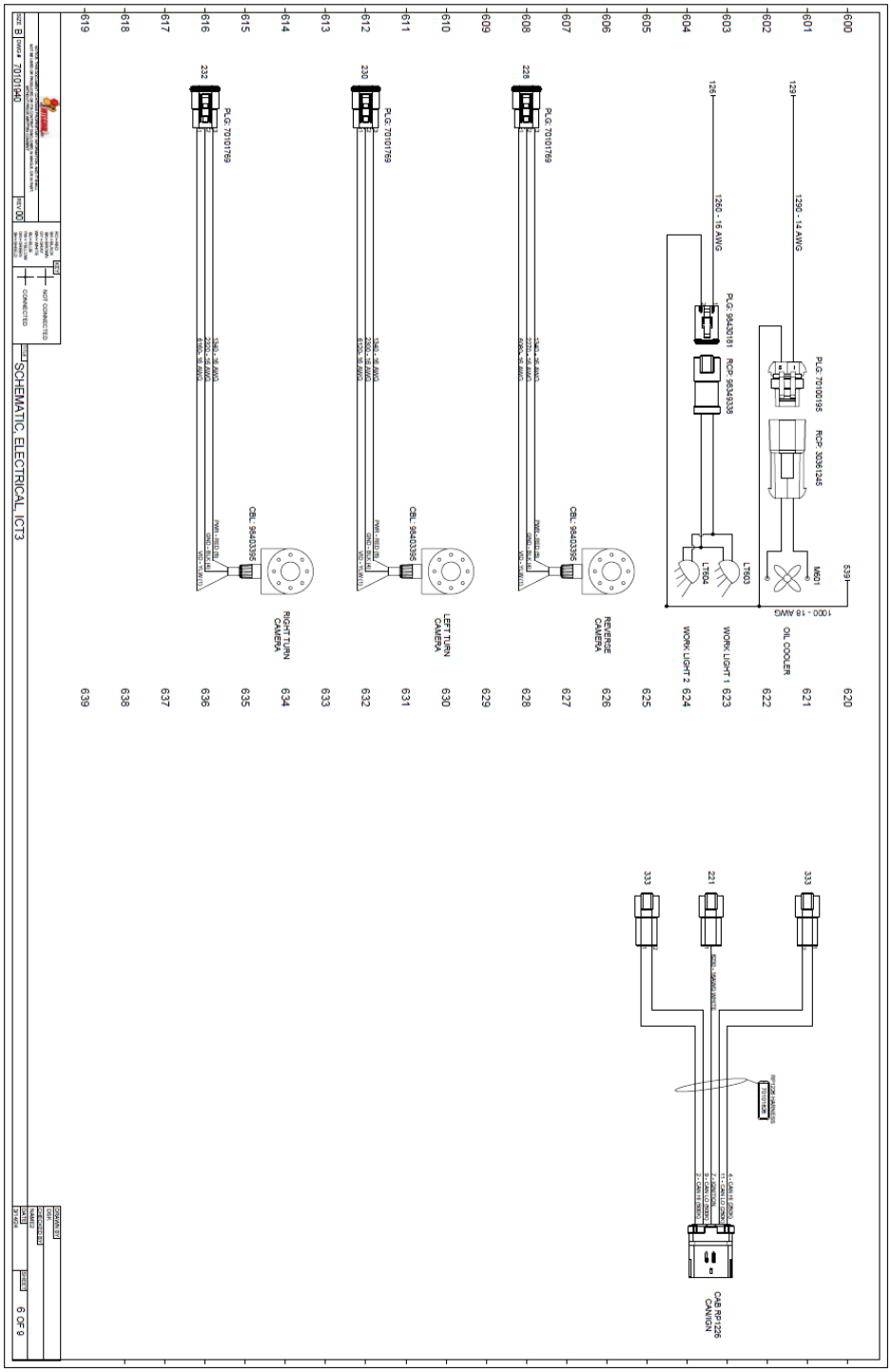


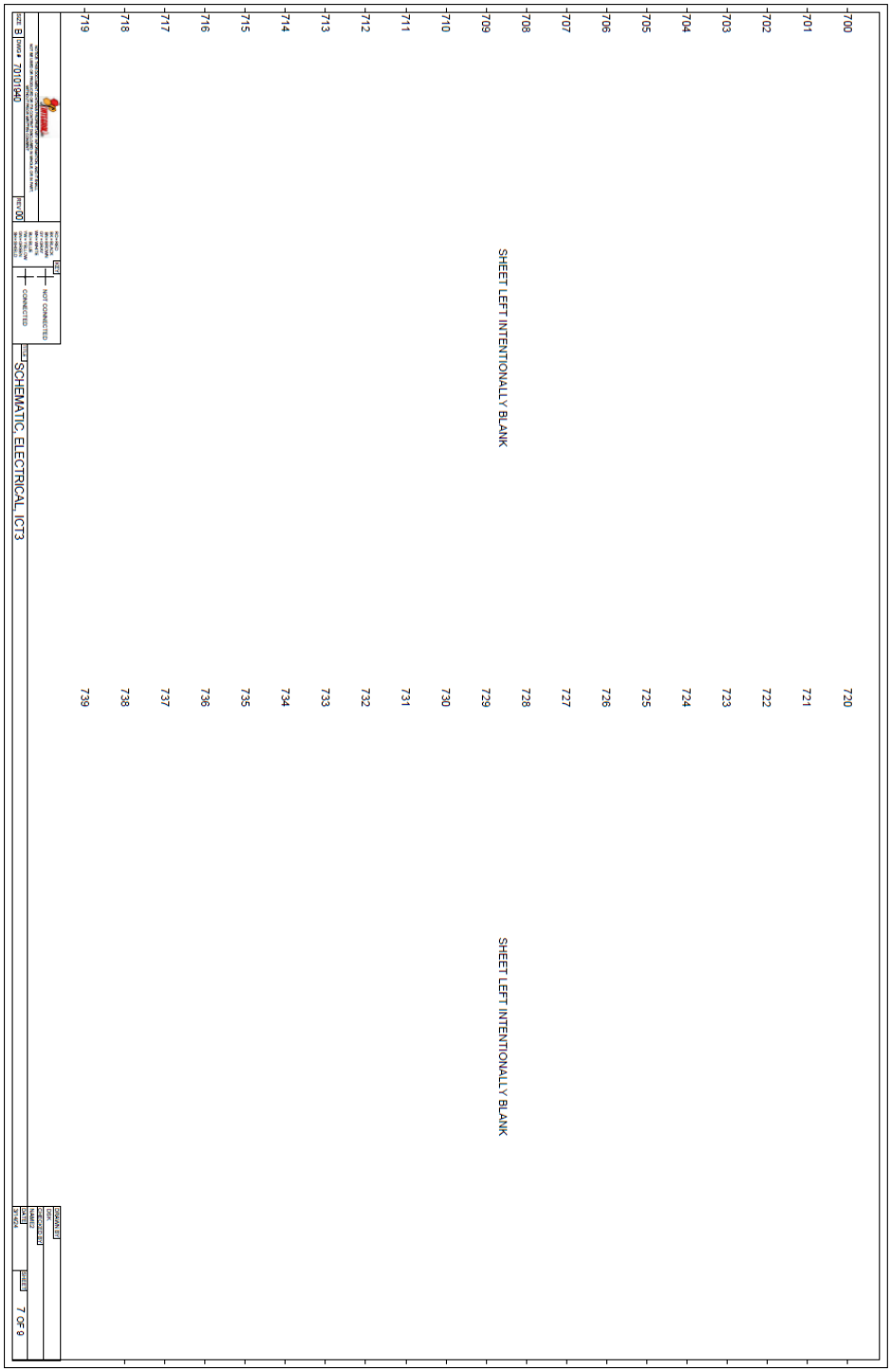

mVEC
mVEC LOGIC
SPACE LEFT INTENTIONALLY BLANK
FOR ADDITIONAL mVEC EXPANSION
DISPLAY
SCHEMATIC, ELECTRICAL ICT3
2 OF 9

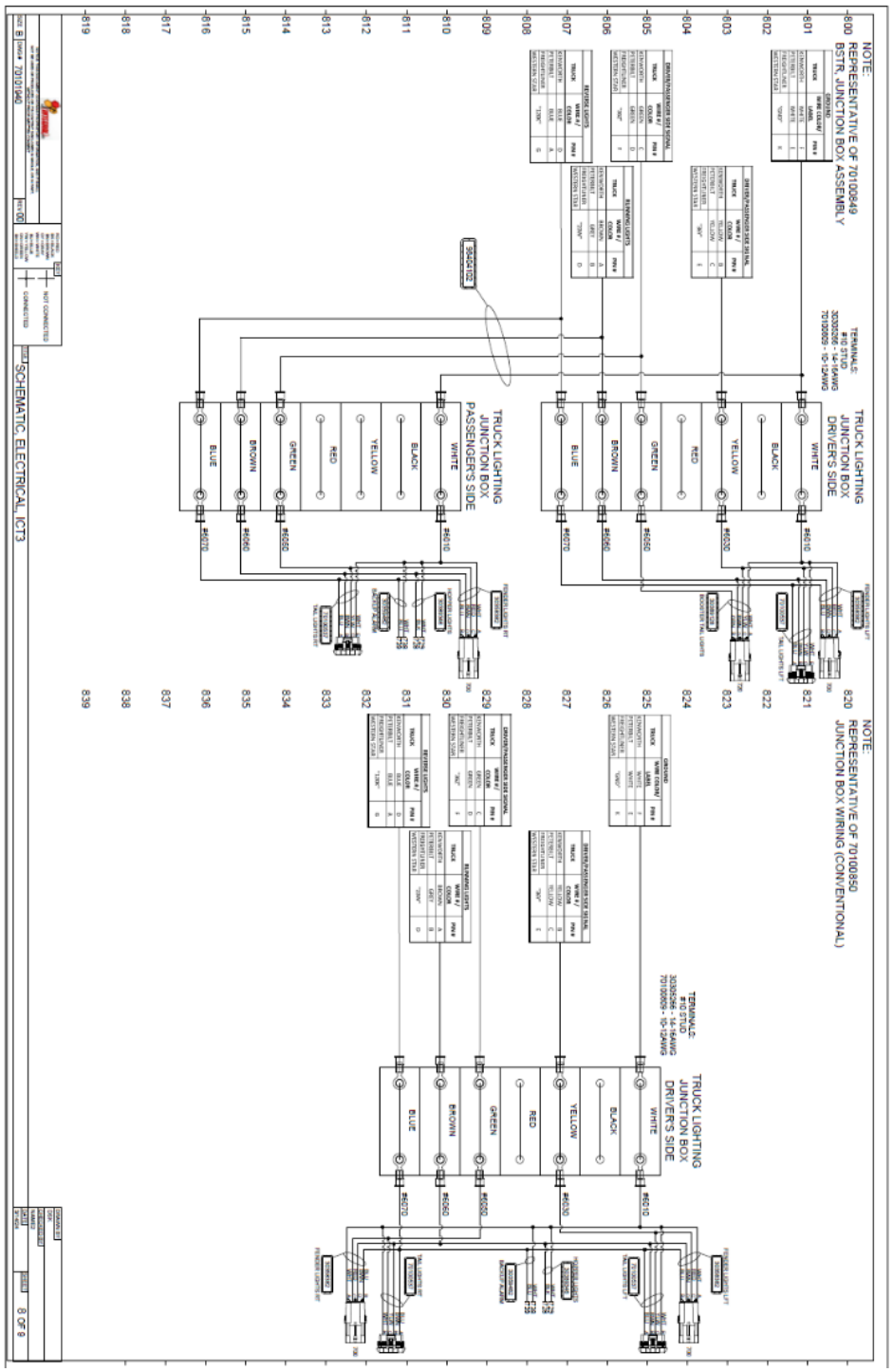

SCHEMATIC, ELECTRICAL ICT3
CONTROLLER POWER & COMM.
CAB KEYPAD
CAB JOYSTICK
ARM REST
M12 TEE SPLITTER P/N: 70101742
M12 TEE SPLITTER P/N: 70101735
PENDANT (OPTIONAL) WIRELESS OR TETHERED
FROM: 330 CONTROLLER PORT ETH0
TO: 330 PROGRAMMING BULKHEAD
FROM: 226
FROM: mVEC / 219
1000 - 16AWG
1350 - 16AWG
1000 - 18 AWG
2250 - 20 AWG
2270 - 20 AWG
1000 - 18 AWG
1340 - 18 AWG
2020 - 14 AWG
2000 - 14 AWG
1360 - 14 AWG
1370 - 14 AWG
3320 - 20 AWG
3325 - 20 AWG
NOTE: IF THE TELEMATICS ROUTER OPTION IS INSTALLED, THE RJ45 PLUG AT LINE 335 WILL CONNECT TO THE ROUTER PORT AT LINE 317. AND AN RJ45 WILL CONNECT FROM THE PROGRAMMING BULKHEAD BELOW.
NOTE: SEE NOTE AT LINE 335
GLAND: 70101699
GROMMET: 70101699
GLAND: 70101827
GROMMET: 70101827
BLKHD: 70101755
CBL: 70101792
CBL: 70101767
CBL: 70101766
CBL: 70101XXX
PLG: 70101912
RCP: 70101736
RCP: 70101735
GND1
GND2
GND SYS
1000 - 18 AWG
CAN1 (J1939)
CAN2 (ECU/CAN)
ETH1 (LAN)
ETH0 (PROGRAM LAN)
VBB2
VBB1
VBB0
VBB30
VBB15
CONTROLLER CONNECTION
PROGRAMMING CONNECTION
POWER
SCHEMATIC, ELECTRICAL ICT3
3 OF 9

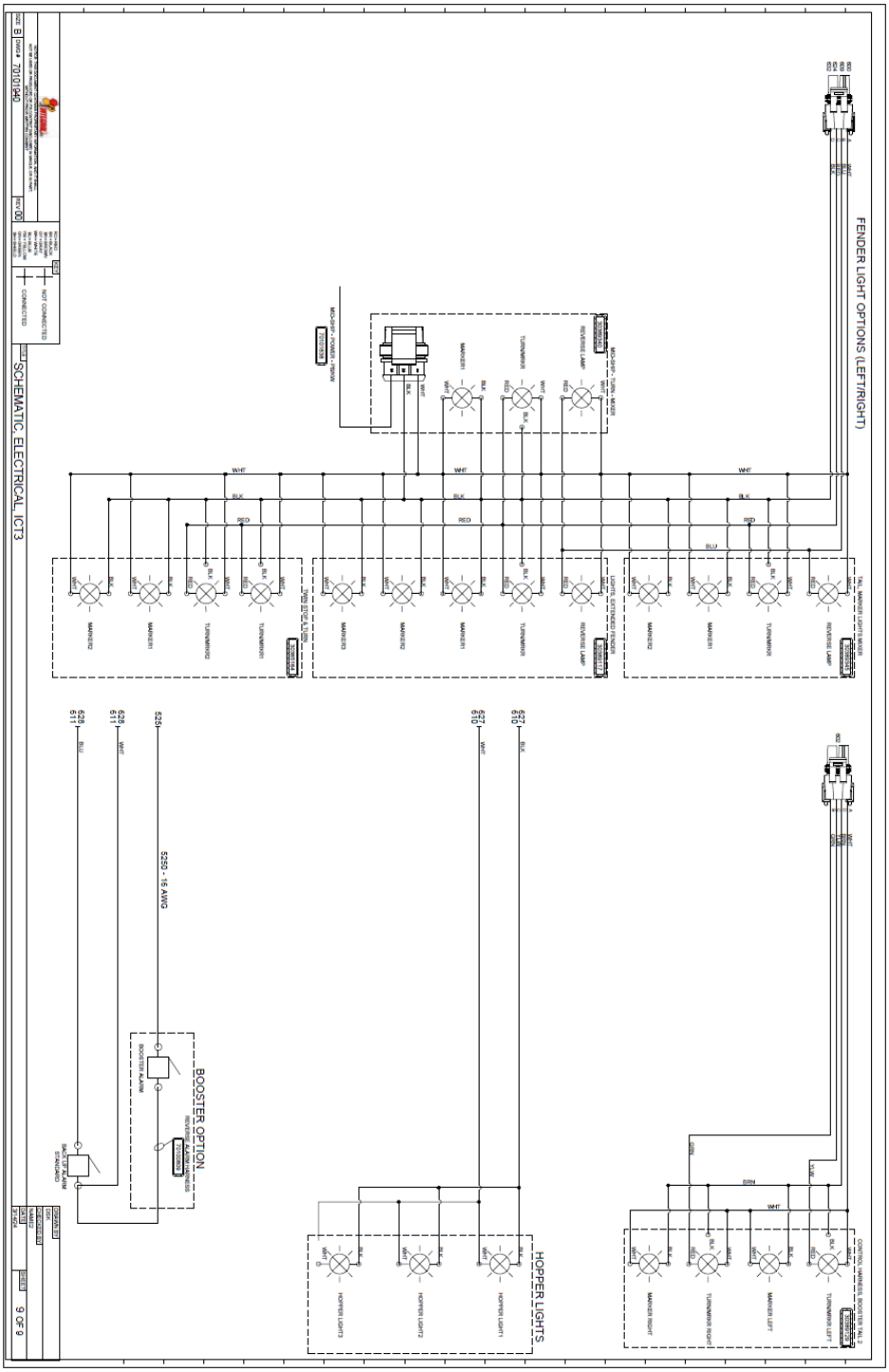

SCHEMATIC, ELECTRICAL, ICT3
CONTROLLER ANALOG INPUTS
CONTROLLER RESISTIVE INPUTS
CONTROLLER DIGITAL INPUTS
DRUM PRESSURE 0-5V 0-3000PSI
BOOSTER PRESSURE 0-5V 0-3000PSI
INCLINOMETER (OPTIONAL) 4-20mA 0-40°
WATER TANK TEMP (OPTIONAL) -55-150°C (-58-302°F)
HYD OIL TEMP 842-157Ω -40-150°C (-40-302°F)
CHUTE CENTERED PROXIMITY
HOPPER UP PROXIMITY
BOOSTER DOWN PROXIMITY
BOOSTER UP PROXIMITY
DRUM SPEED
1350 - 18 AWG
1000 - 18 AWG


SCHEMATIC, ELECTRICAL ICT3
CONTROLLER DIGITAL INPUTS
CONTROLLER DIGITAL OUTPUTS
CONTROLLER PWM OUTPUTS
SPACE LEFT INTENTIONALLY BLANK FOR ADDITIONAL INPUTS/OUTPUTS
1350 - 18 AWG
1000 - 18 AWG
5020 - 18 AWG
5010 - 18 AWG
5180 - 16 AWG
5170 - 16 AWG
1000 - 18 AWG
5220- 16 AWG
5230 16 AWG
5240- 16 AWG
5250 - 16 AWG
5260 - 16 AWG
5270 - 16 AWG
5280 - 16 AWG
5290 - 16 AWG
5300 - 16 AWG
5310 - 16 AWG
5320 - 16 AWG
5330 - 16 AWG
5340 - 16 AWG
5350 - 16 AWG
5360 - 16 AWG
5370 - 16 AWG
5380 - 16 AWG
5390 - 16 AWG
1000 - 18 AWG
1000 - 18 AWG
1000 - 18 AWG
SOL522 PLG 96430181
SOL523 PLG 96430181
SOL524 PLG 96430181
ALM025 PLG 96430193
SOL525 PLG 96430181
SOL527 PLG 96430181
SOL528 PLG 96430181
SOL529 PLG 96430181
SOL530 PLG 96430181
SOL531 PLG 96430181
SOL532 PLG 96430181
SOL533 PLG 96430181
SOL534 PLG 96430181
SOL535 PLG 96430181
SOL536 PLG 96430181
SOL537 PLG 96430181
SOL538 PLG 96430181
SOL518PPL-LC 96430181
SOL517 PLG 96430181
BOOSTER UP HYD DESIGNATION
BOOSTER DOWN HYD DESIGNATION
BOOSTER UNLATCH HYD DESIGNATION
BOOSTER ALARM
CHUTE DOWN HYD DESIGNATION
CHUTE UNLOCK HYD DESIGNATION
CHUTE UP HYD DESIGNATION
HOPPER UP HYD DESIGNATION
HOPPER DOWN HYD DESIGNATION
PUMP ARM VLV HYD DESIGNATION
PURGE VLV HYD DESIGNATION
DISCHRG FUNNEL VLV HYD DESIGNATION
CHARGE HOPPER VLV HYD DESIGNATION
WATER HEATER RELAY HYD DESIGNATION
ADD WATER VLV HYD DESIGNATION
FIN & RING VLV HYD DESIGNATION
CHUTE VLV HYD DESIGNATION
WATER HEATER RELAY COIL
DRUM CHARGE HYD DESIGNATION
DRUM DISCHARGE HYD DESIGNATION
5 OF 9


SCHEMATIC, ELECTRICAL ICT3
6 OF 9
RIGHT TURN CAMERA
LEFT TURN CAMERA
REVERSE CAMERA
WORK LIGHT 2
WORK LIGHT 1
OIL COOLER
CAB RP1226 CANNON


SHEET LEFT INTENTIONALLY BLANK
SHEET LEFT INTENTIONALLY BLANK
SCHEMATIC, ELECTRICAL ICT3
7 OF 9


NOTE:
REPRESENTATIVE OF 70100849
BSTR. JUNCTION BOX ASSEMBLY
TRUCK LIGHTING
JUNCTION BOX
DRIVER'S SIDE
TRUCK LIGHTING
JUNCTION BOX
PASSENGER'S SIDE
NOTE:
REPRESENTATIVE OF 70100850
JUNCTION BOX WIRING (CONVENTIONAL)
WHITE
BLACK
YELLOW
RED
GREEN
BROWN
BLUE
SCHEMATIC, ELECTRICAL, ICT3


SCHEMATIC, ELECTRICAL ICT3
FENDER LIGHT OPTIONS (LEFT/RIGHT)
BOOSTER OPTION
HOPPER LIGHTS
5250 - 16 AWG
WHT
BLK
RED
BLU
9 OF 9