



Parts Manual

INTEGRAL dx 14 YARD MIXER TRUCK



Part# 70102104

Revision: 0

Printed Date: 2/19/25

121 N. 1st St.

Montevideo, MN 56265

320-435-0003

www.integraldx.com

2/7/25

INTEGRAL dx 14 YARD MIXER TRUCK

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Integral dx

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Torque Tables

Nuts and Bolts as per DIN 912 – 931 – 933 – 934 – 6914 – 6915

Applicable to:

Geomet 500 and Dacromet 500 coating.

Black and silver-chromated nuts and bolts fitted with mounting paste such as Cu or MOS2

Assuming a friction coefficient of $\mu = 0.1$.

Coarse-Pitch Thread							Fine-Pitch Thread						
Thread Designation	* Fitting Tightening Torque (N m, ft lb)						Thread Designation	* Fitting Tightening Torque (N m, ft lb)					
	Property Class							Property Class					
	8.8		10.9		12.9			8.8		10.9		12.9	
	N m	ft lb	N m	ft lb	N m	ft lb		N m	ft lb	N m	ft lb	N m	ft lb
M 4 X 0.7	2.2	1.6	3.2	2.4	3.8	2.8	M 8 X 1	20	15	28	21	33	24
M 5 X 0.8	4.3	3.2	6.4	4.7	7.5	5.5	M 10 X 1	40	29	57	42	68	50
M 6 X 1	7.5	5.5	10.8	8	12.6	9.3	M 10 X 1.25	37	27	55	41	64	47
M 8 X 1.25	18	13	27	20	31	23	M 12 X 1.25	67	49	100	74	115	85
M 10 X 1.5	36	27	53	39	62	46	M 12 X 1.5	65	48	95	70	110	81
M 12 X 1.75	62	46	90	66	108	80	M 14 X 1.5	105	77	155	114	180	133
M 14 X 2	100	74	140	103	170	125	M 16 X 1.5	160	118	235	173	280	206
M 16 X 2	150	111	225	166	260	192	M 18 X 1.5	240	177	345	254	400	295
M 18 X 2.5	220	162	310	228	365	269	M 20 X 1.5	335	247	475	350	590	413
M 20 X 2.5	300	221	440	324	510	376	M 22 X 1.5	460	339	650	479	750	553
M 22 X 2.5	420	310	590	435	700	516	M 24 X 2	560	413	810	597	940	693
M 24 X 3	530	391	750	553	880	649	M 27 X 2	820	604	1170	862	1390	1025
M 27 X 3	780	575	1120	826	1300	958	M 30 X 2	1170	862	1660	1224	1930	1423
M 30 X 3.5	1080	796	1530	1128	1750	1290							
M 36 X 4	-	-	**2000	**1475	-	-							

Applicable to:

Black and silver-chromated nuts and bolts.

Assuming a friction coefficient of $\mu = 0.14$.

Coarse-Pitch Thread							Fine-Pitch Thread						
Thread Designation	* Fitting Tightening Torque (N m, ft lb)						Thread Designation	* Fitting Tightening Torque (N m, ft lb)					
	Property Class							Property Class					
	8.8		10.9		12.9			8.8		10.9		12.9	
	N m	ft lb	N m	ft lb	N m	ft lb		N m	ft lb	N m	ft lb	N m	ft lb
M 4 X 0.7	2.7	2	4	3	4.6	3	M 8 X 1	24	18	35	26	41	30
M 5 X 0.8	5.3	4	7.8	6	9	7	M 10 X 1	50	37	70	52	85	63
M 6 X 1	8	6	13.5	10	16.2	12	M 10 X 1.25	46	34	65	48	80	59
M 8 X 1.25	22	16	32	24	38	28	M 12 X 1.25	83	61	120	89	145	107
M 10 X 1.5	44	32	64	47	75	55	M 12 X 1.5	80	59	115	85	140	103
M 12 X 1.75	76	56	112	83	130	96	M 14 X 1.5	130	96	190	140	230	170
M 14 X 2	120	89	180	133	210	155	M 16 X 1.5	200	148	295	218	350	258
M 16 X 2	185	136	275	203	325	240	M 18 X 1.5	300	221	435	321	510	376
M 18 X 2.5	270	199	385	284	450	332	M 20 X 1.5	425	313	610	450	710	524
M 20 X 2.5	380	280	550	406	640	472	M 22 X 1.5	580	428	825	608	940	693
M 22 X 2.5	520	384	740	546	870	642	M 24 X 2	720	531	1030	760	1210	892
M 24 X 3	650	479	940	693	1095	808	M 27 X 2	1030	760	1480	1092	1750	1291
M 27 X 3	990	730	1390	1025	1620	119	M 30 X 2	1480	1092	2110	1556	2470	1822
M 30 X 3.5	1300	959	1890	1394	2200	1623							
M 36 X 4	-	-	**2000	**1475	-	-							

*The fitting tightening torque corresponds to the axial force in the bolt at which the limit of the elasticity of the latter is utilized 90% by tension and torsion.

**SPB – Octagonal Mast

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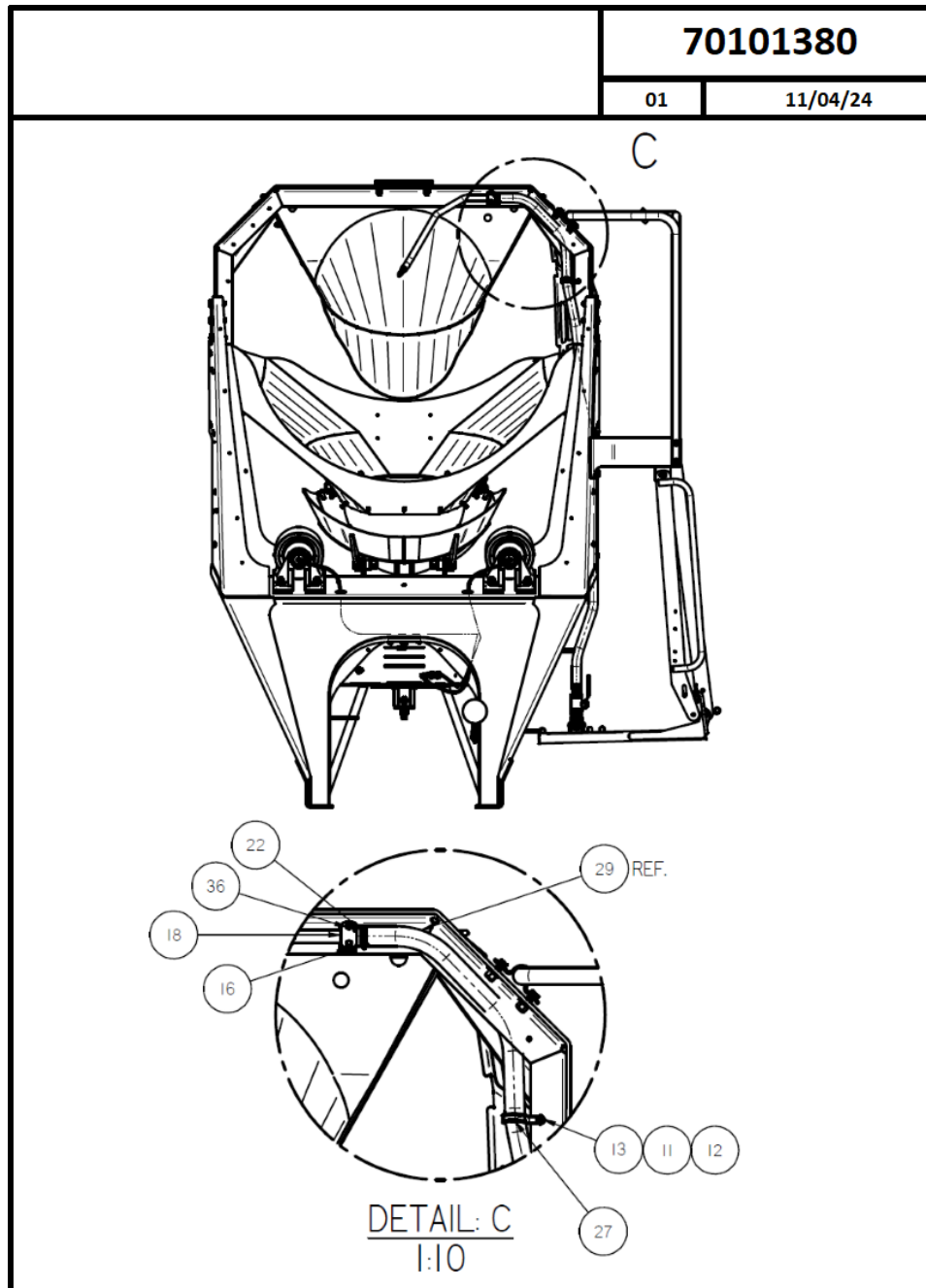
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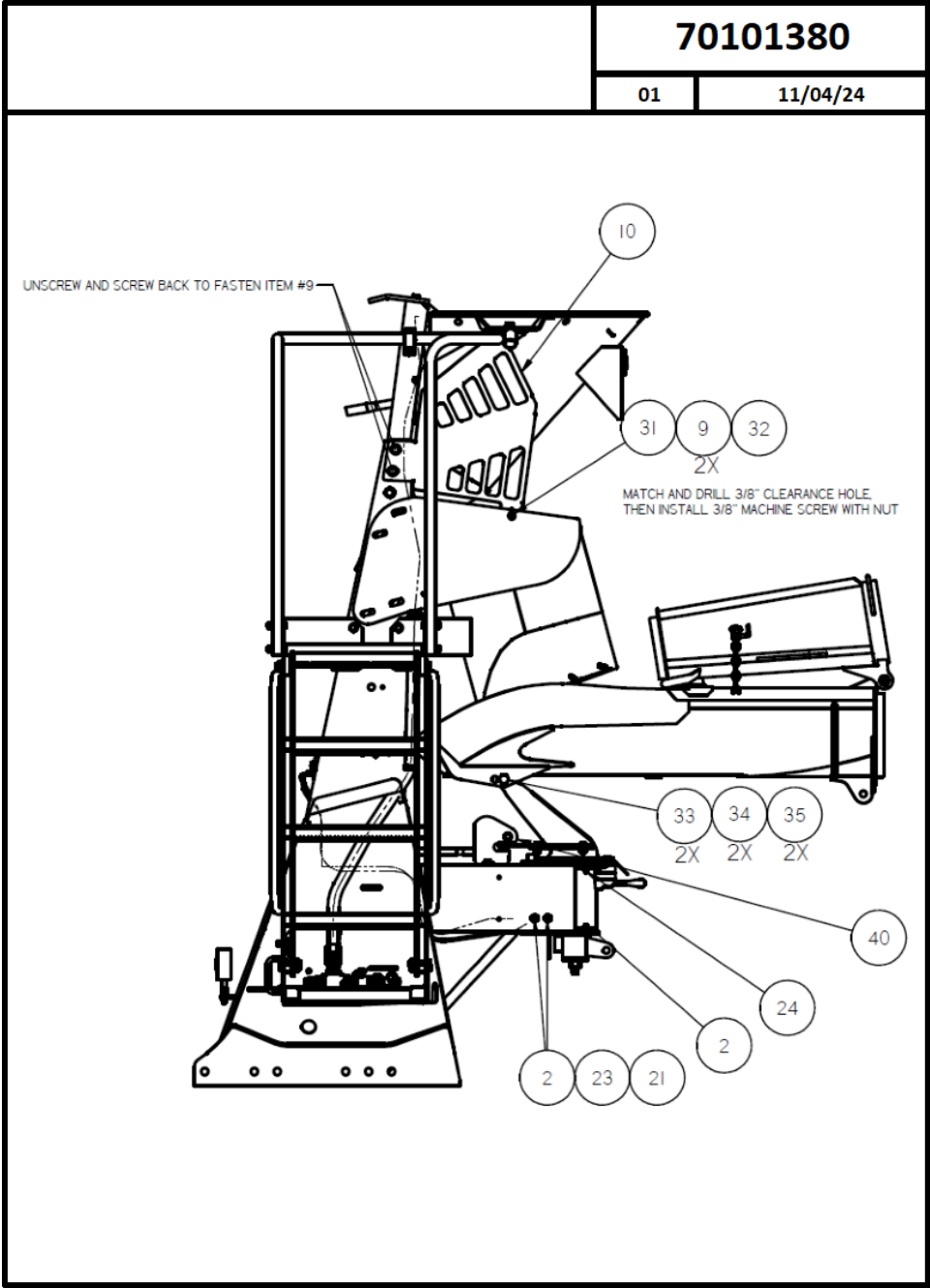
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1 STRUCTURE

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1.1 70101380 – ASSY, STANDARD REAR PEDESTAL

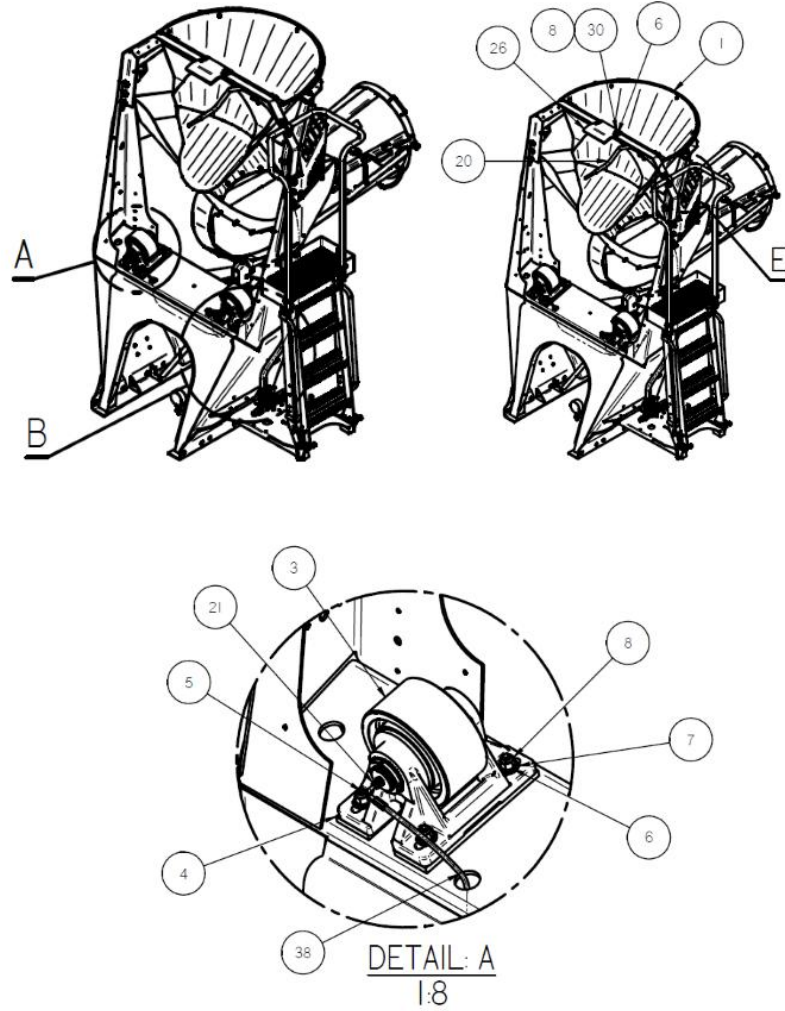


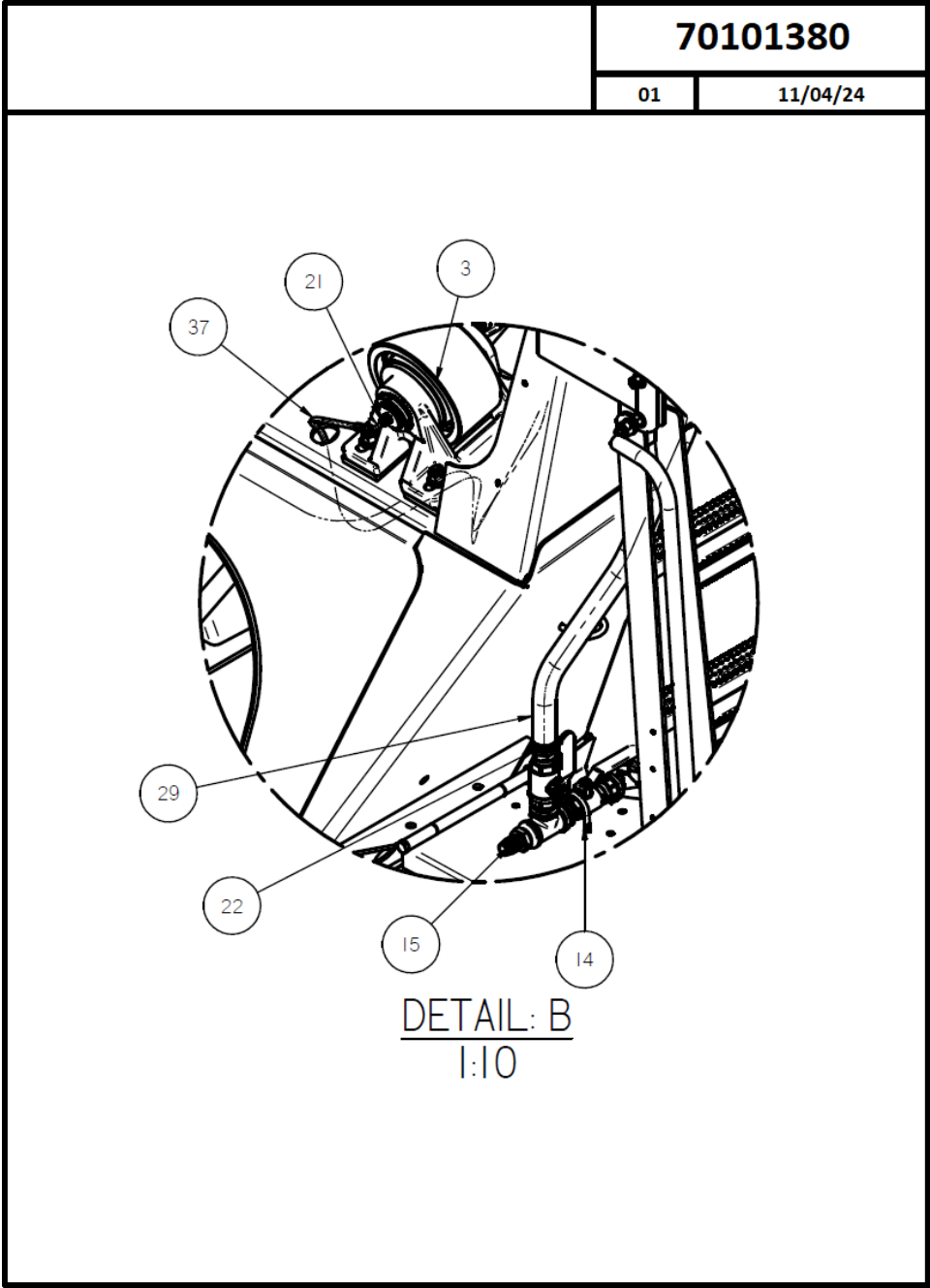


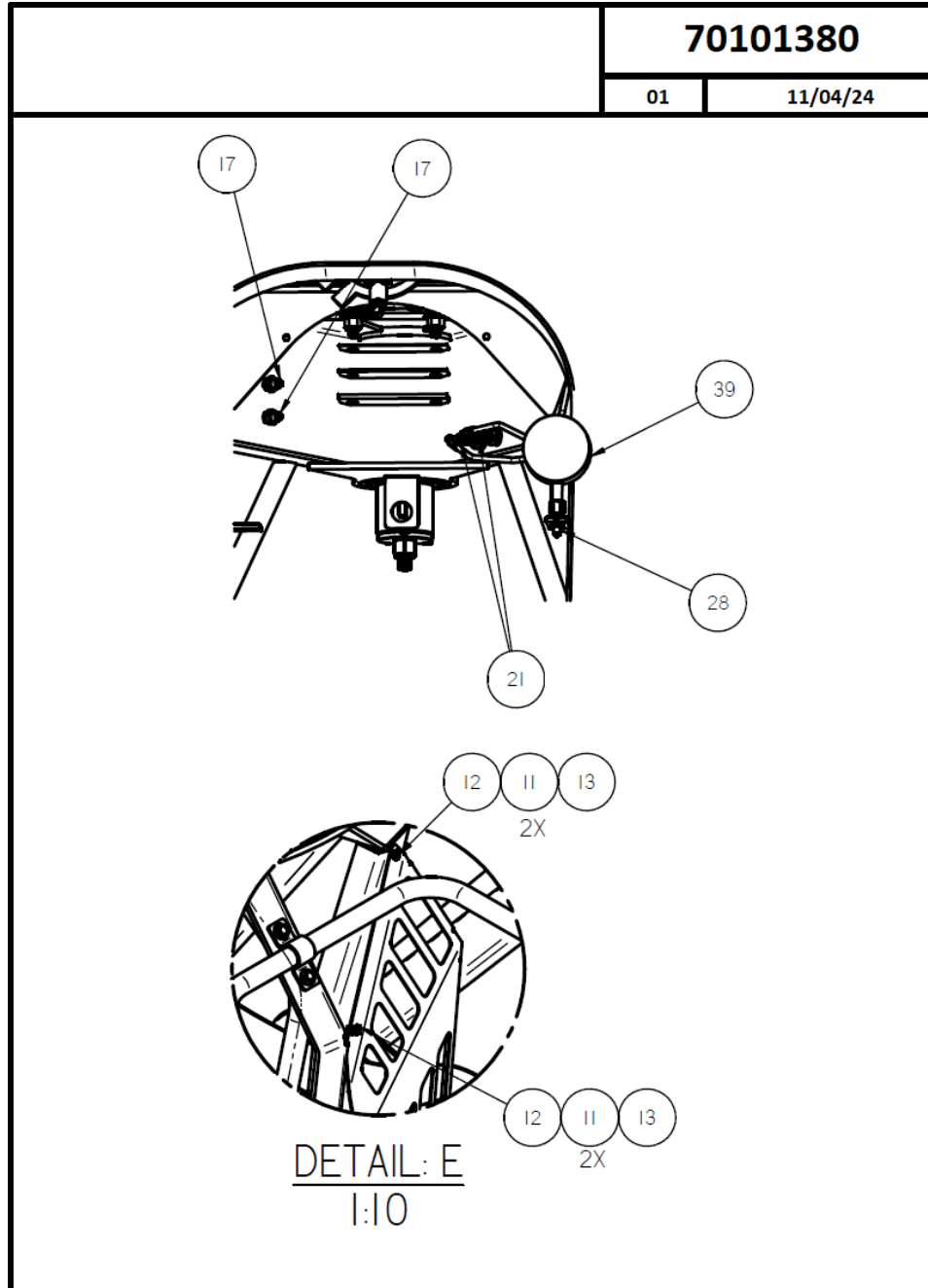
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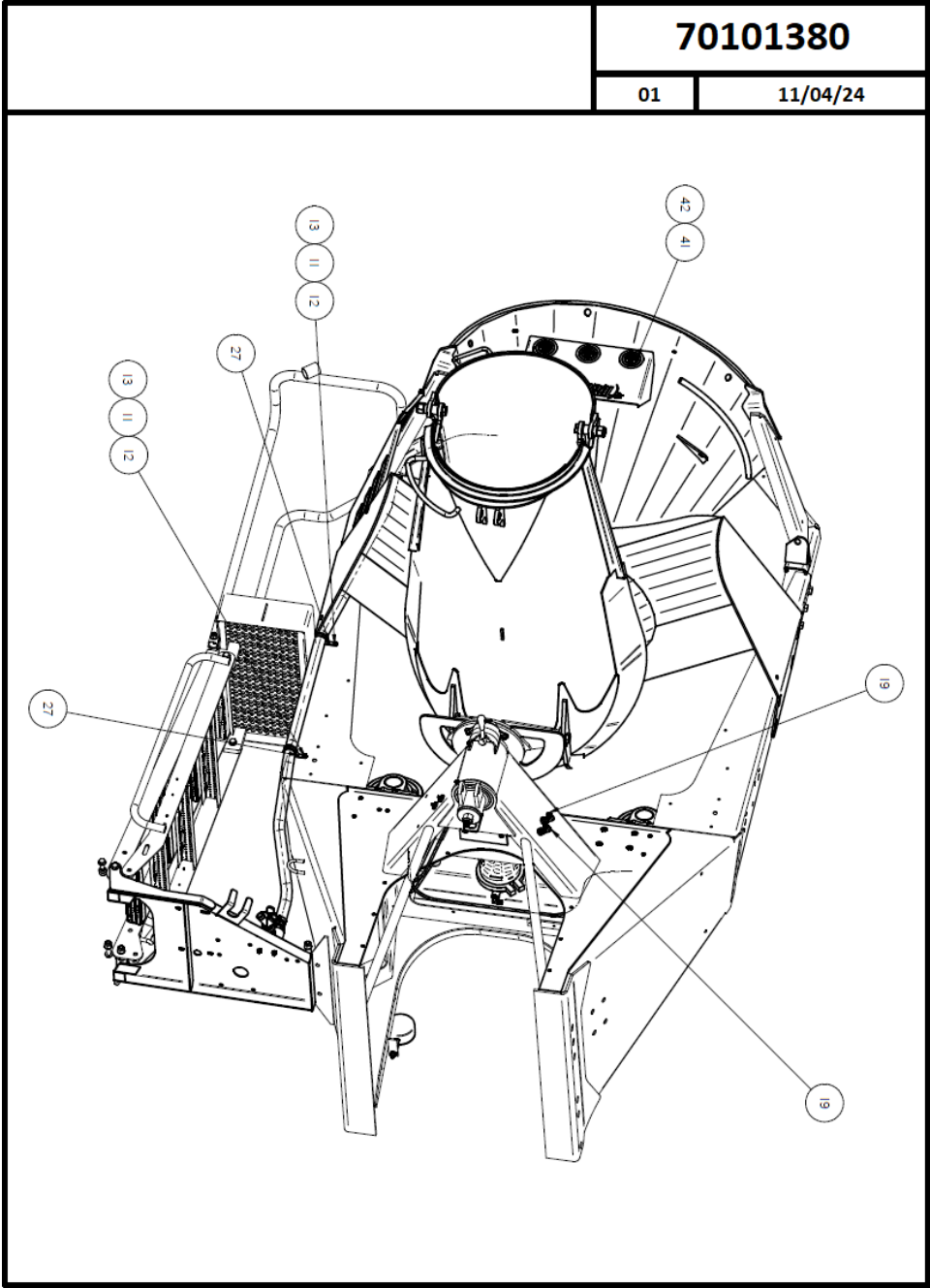
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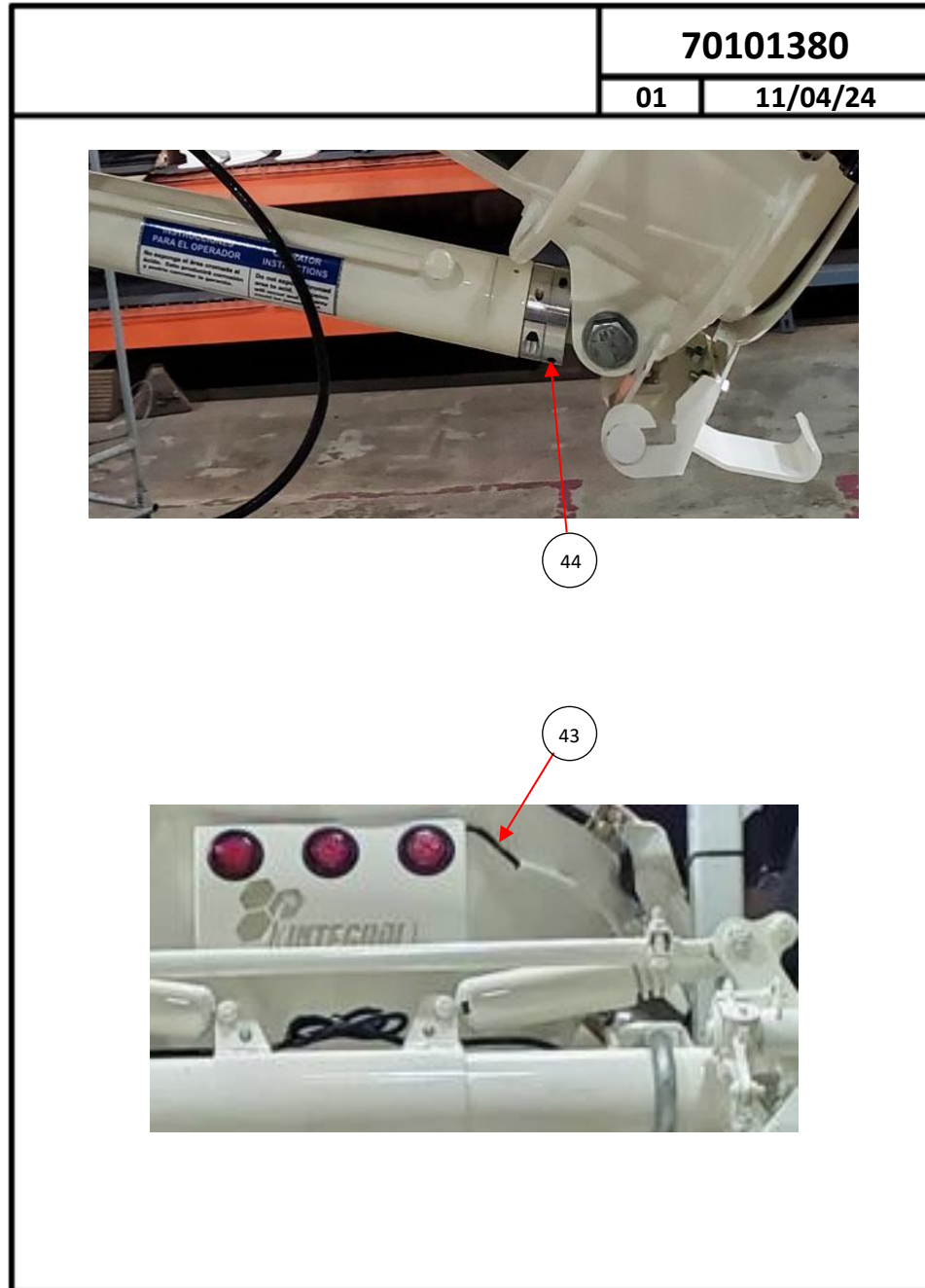
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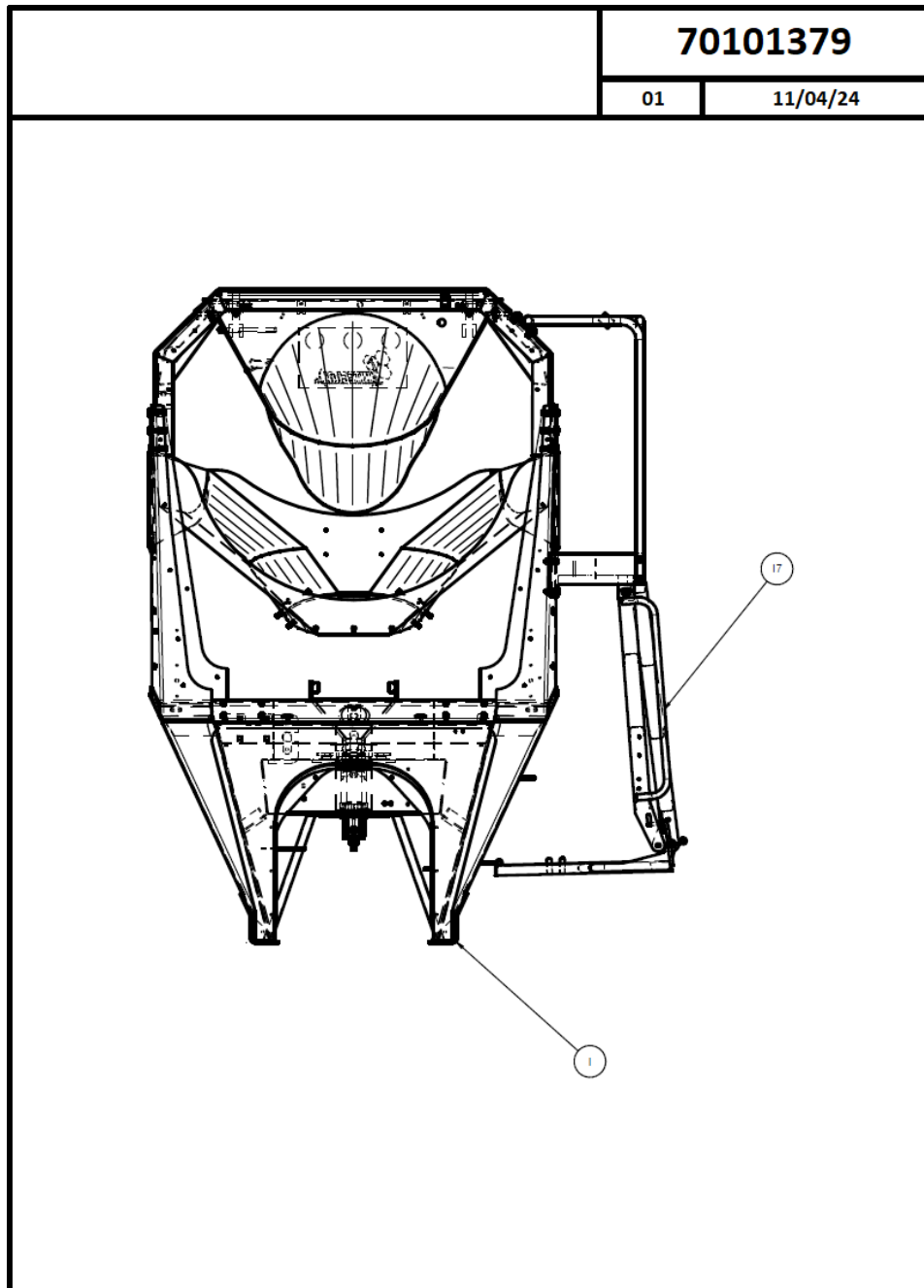


STRUCTURE

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

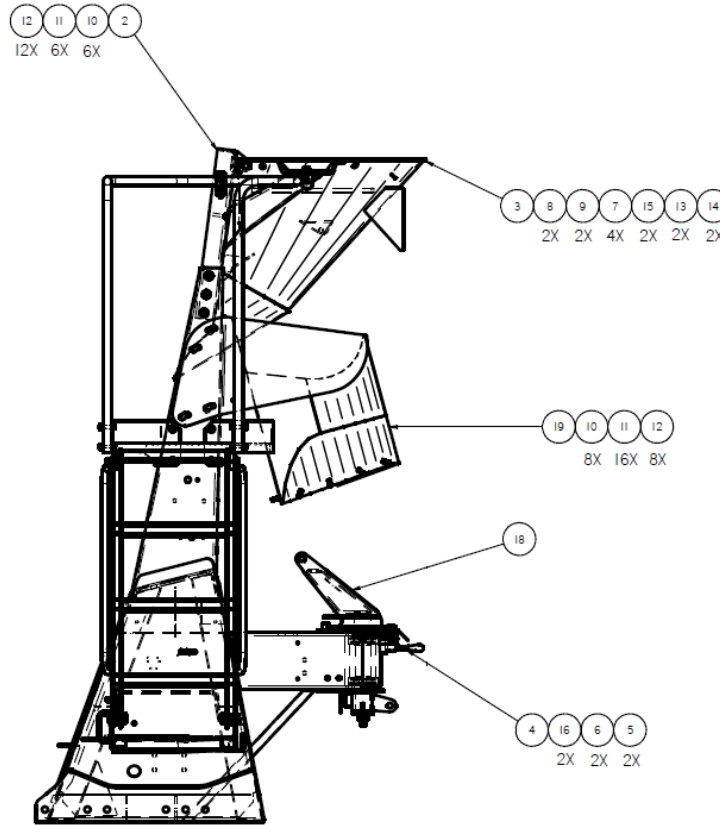
1.1.1 70101379 – ASSY, BASE, REAR PEDESTAL



70101379

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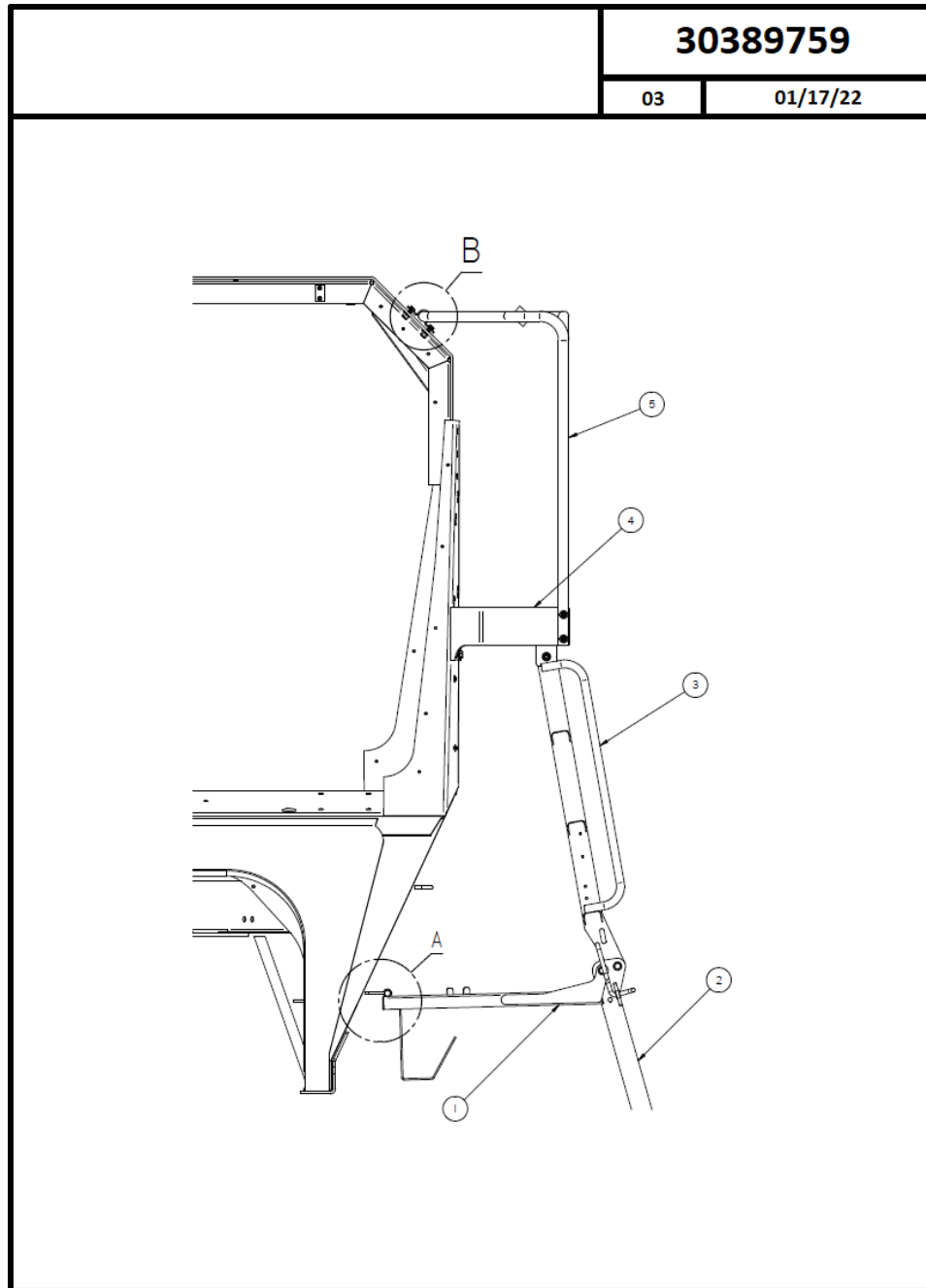
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STRUCTURE

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 LOCK 1/2 -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

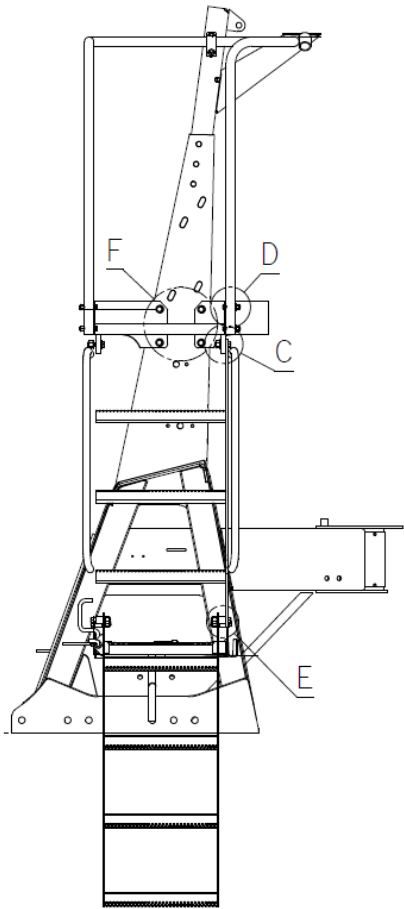
1.1.2 30389759 – ASSY, LADDER, MIXER

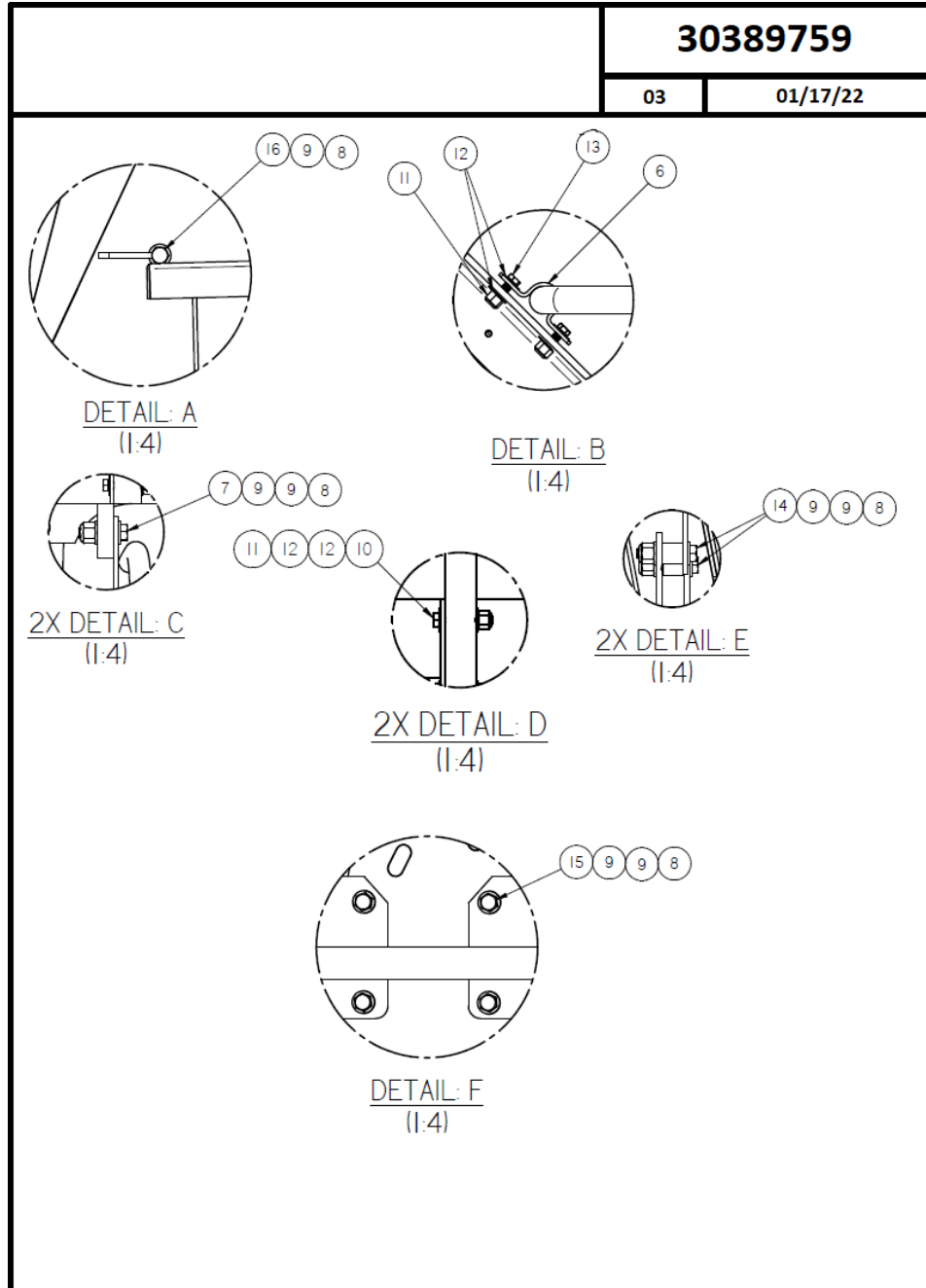


30389759

03

01/17/22

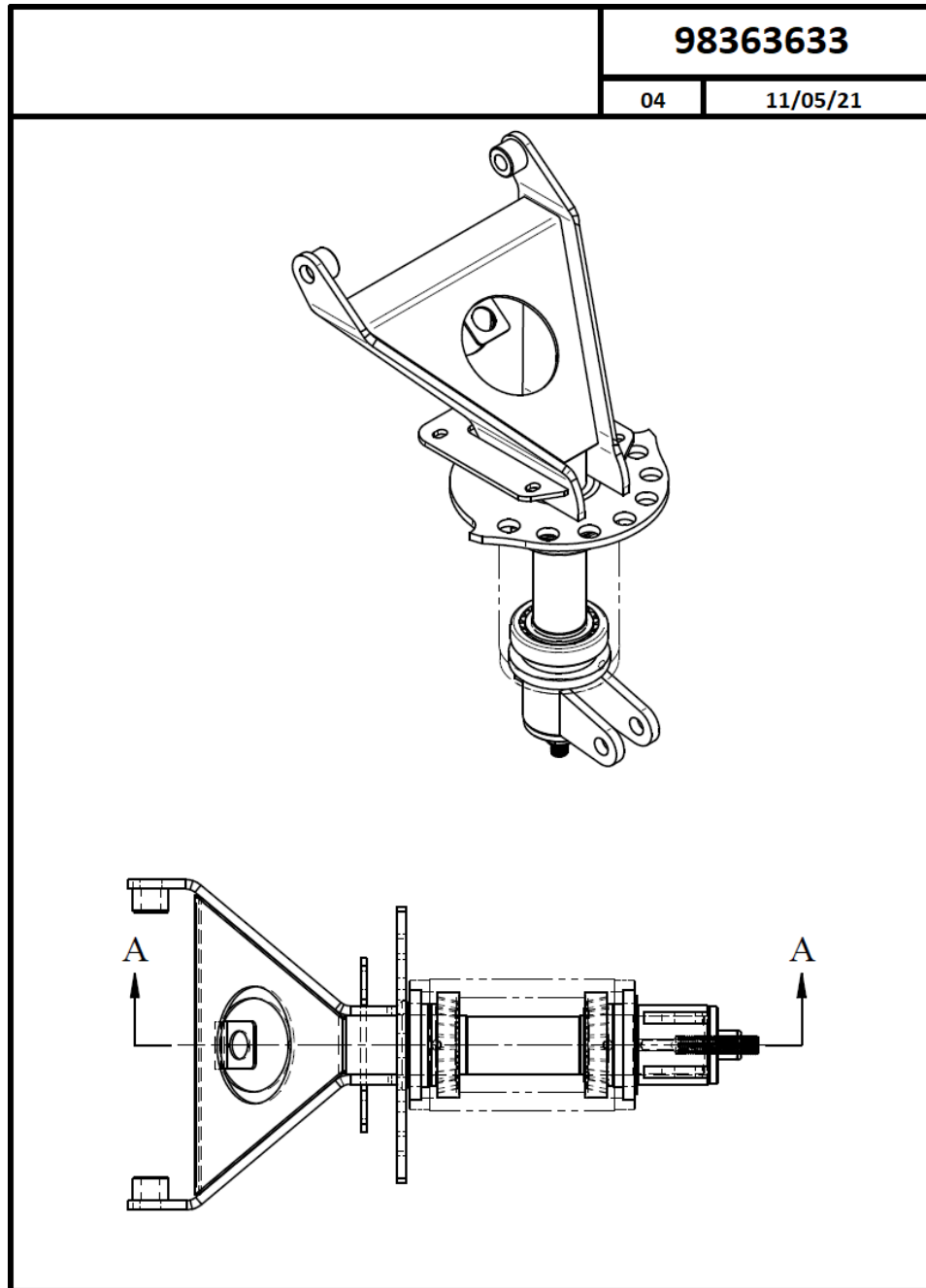


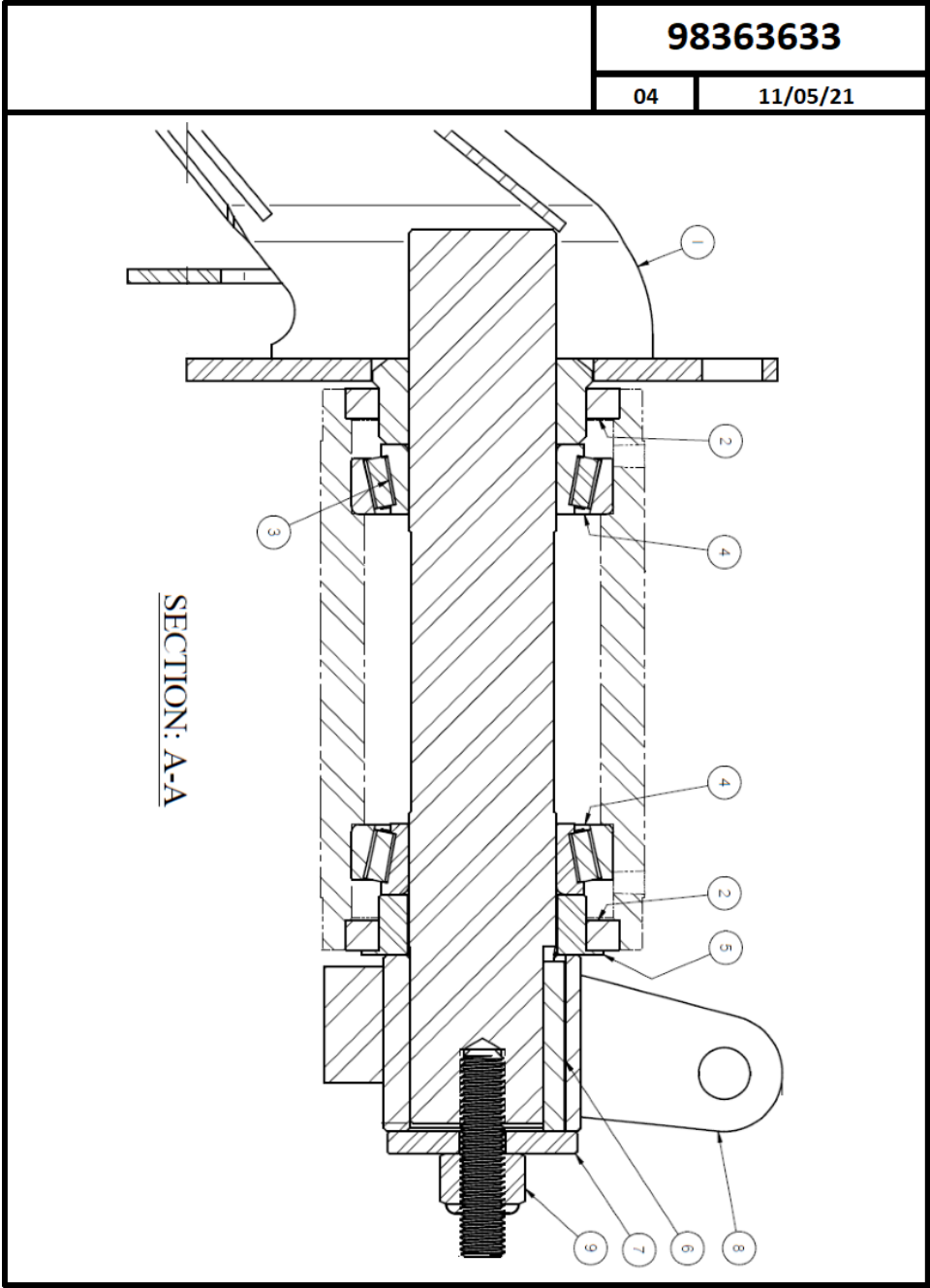


STRUCTURE

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

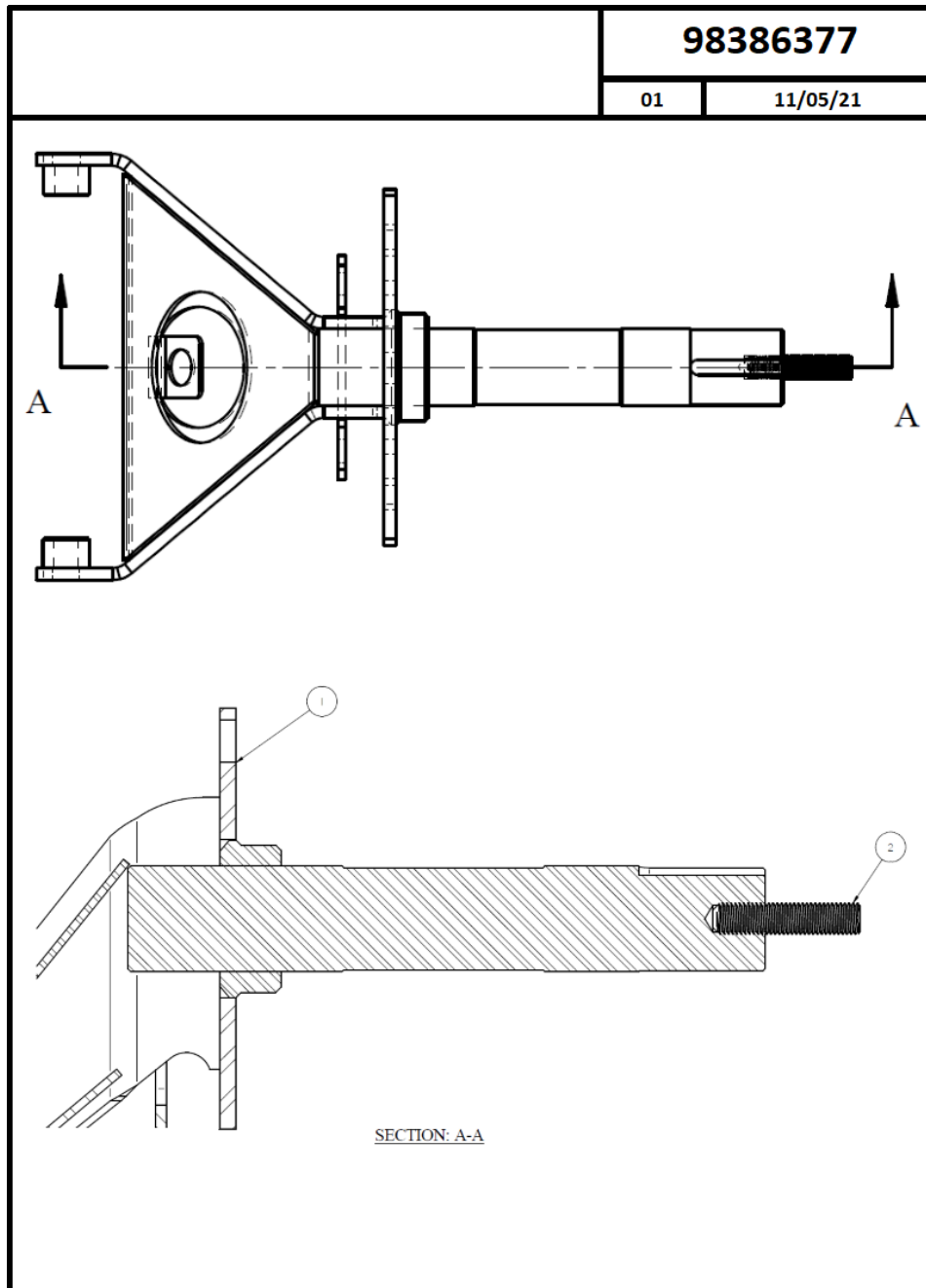
1.1.3 98363633 – ASSY, CHUTE PIVOT SUPPORT





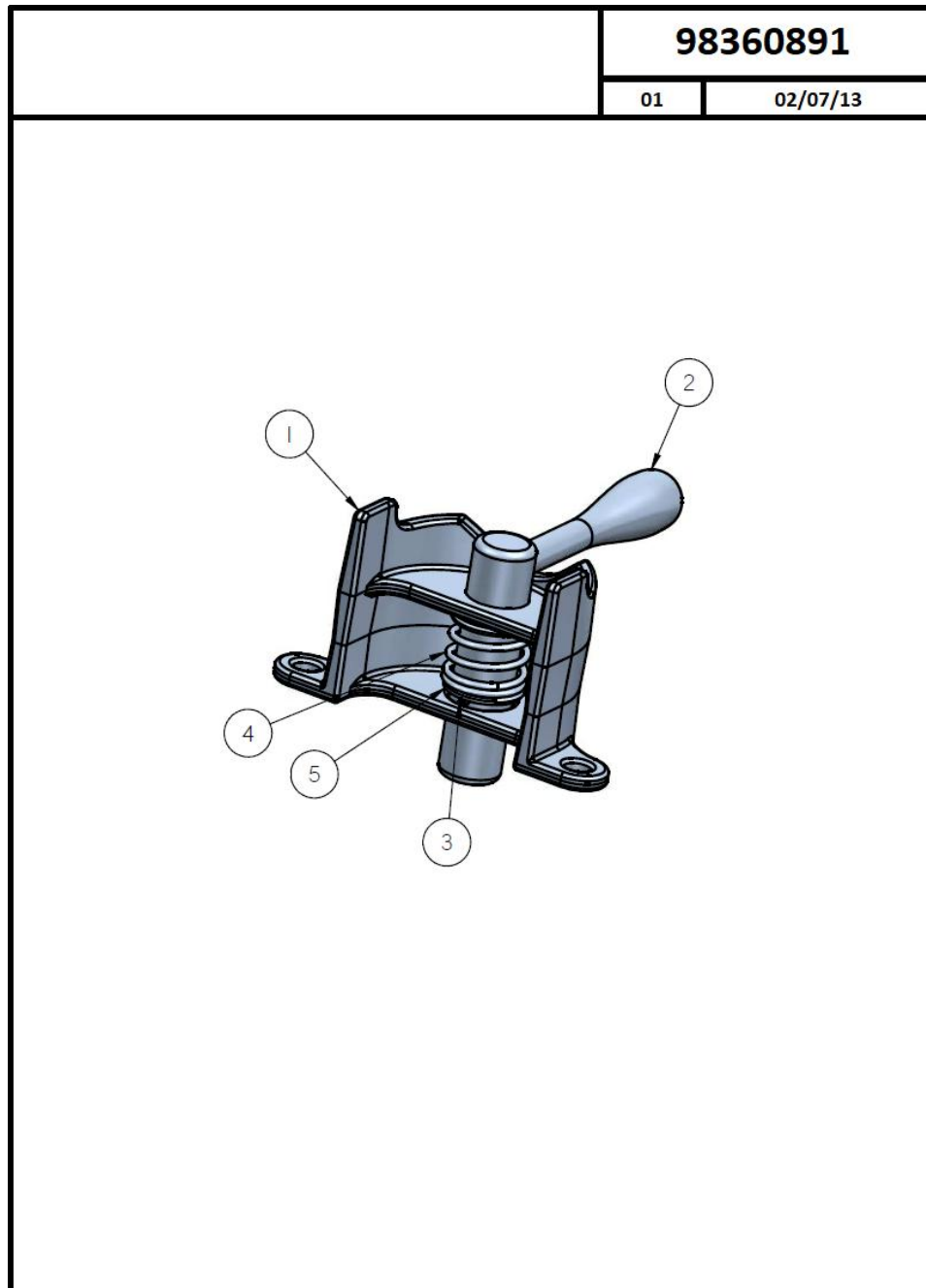
ITEM	PART NO.	DESCRIPTION	QTY
1	98386377	ASEMBLY - CHUTE PIVOT SUPPORT ARM	1
2	30389179	SEAL-OIL	2
3	60104324	ROLLER BEARING	2
4	60104325	ROLLER BEARING CUP	2
5	60306152	BUSHING	1
6	60306153	KEY STOCK	1
7	60306154	DISK	1
8	60306816	WELDMENT PIVOT	1
9	30304739	NUT - LOCK, 3/4"-10 NC NYLON INSERT	1

1.1.3.1 98386377 – ASSY, CHUTE PIVOT SUPPORT ARM



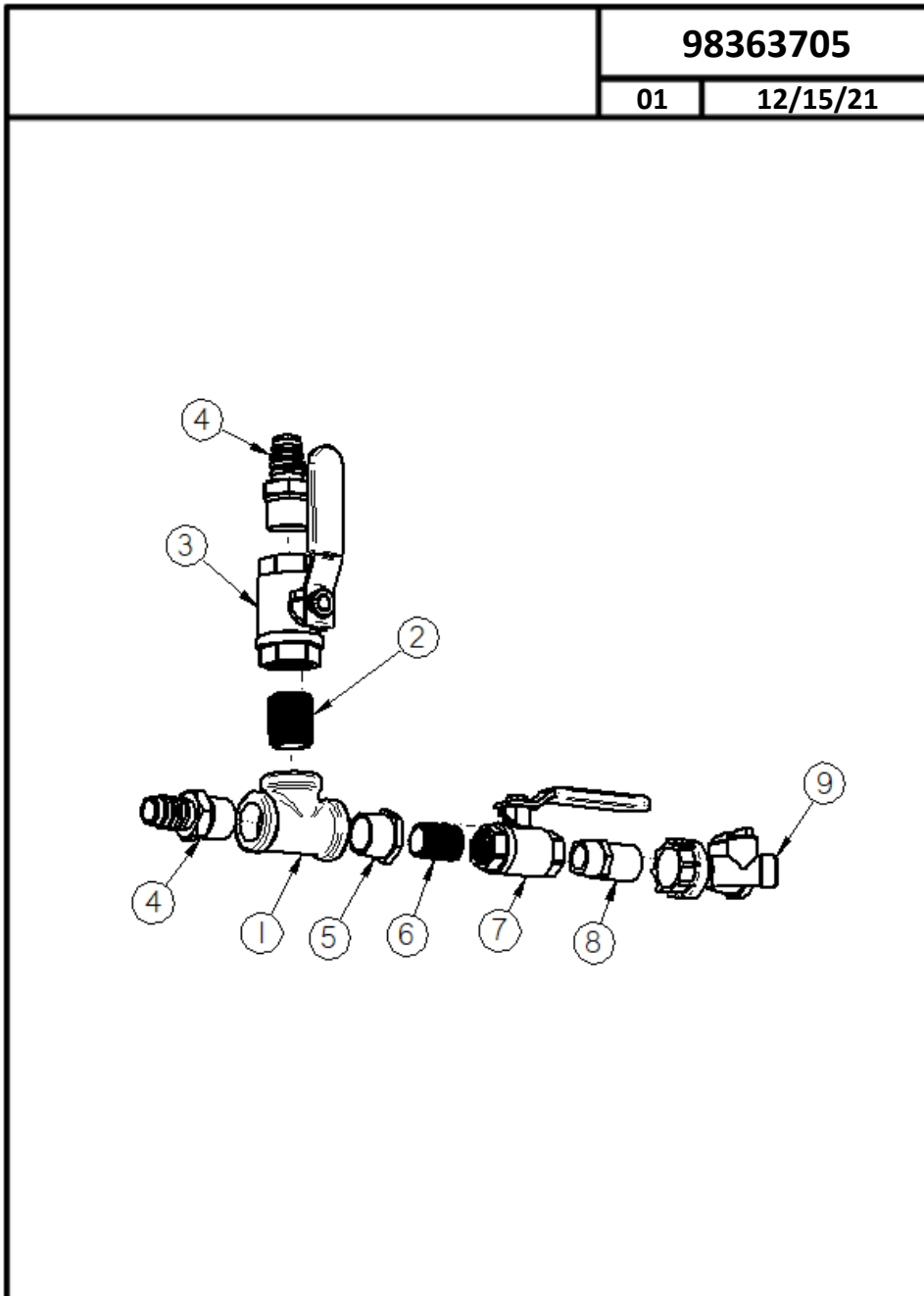
ITEM	PART NO.	DESCRIPTION	QTY
1	60306820	WELDMENT-CHUTE PIVOT	1
2	98383966	SCREW,SET,SH, 3/4-10UNC X 3.00", BO	1

1.1.4 98360891 – ASSY, MANUAL CHUTE LOCK



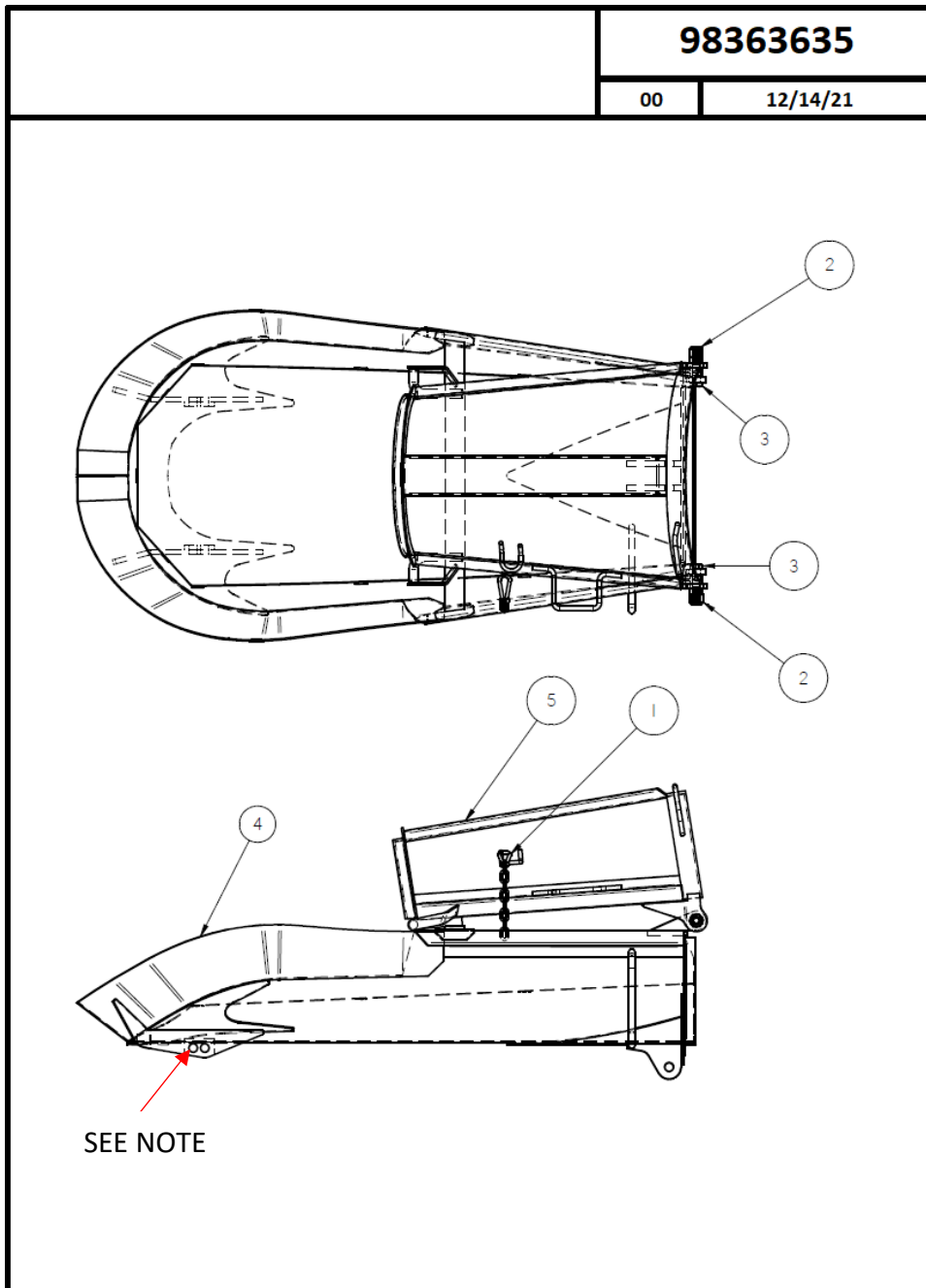
ITEM	PART NO.	DESCRIPTION	QTY
1	98360890	CASTING - BODY, MANUAL CHUTE LOCK	1
2	98360887	HANDLE - LOCKING PIN, MANUAL CHUTE LOCK	1
3	30386200	PIN - SPRING (ROLL) 1/8" DIA X 1 1/4" LG	1
4	60306813	SPRING - COMPRESSION	1
5	60308228	PLATE - SPRING RETAINER, MANUAL CHUTE	1

1.1.5 98363705 – ASSY, STANDARD WATER BALL VALVE



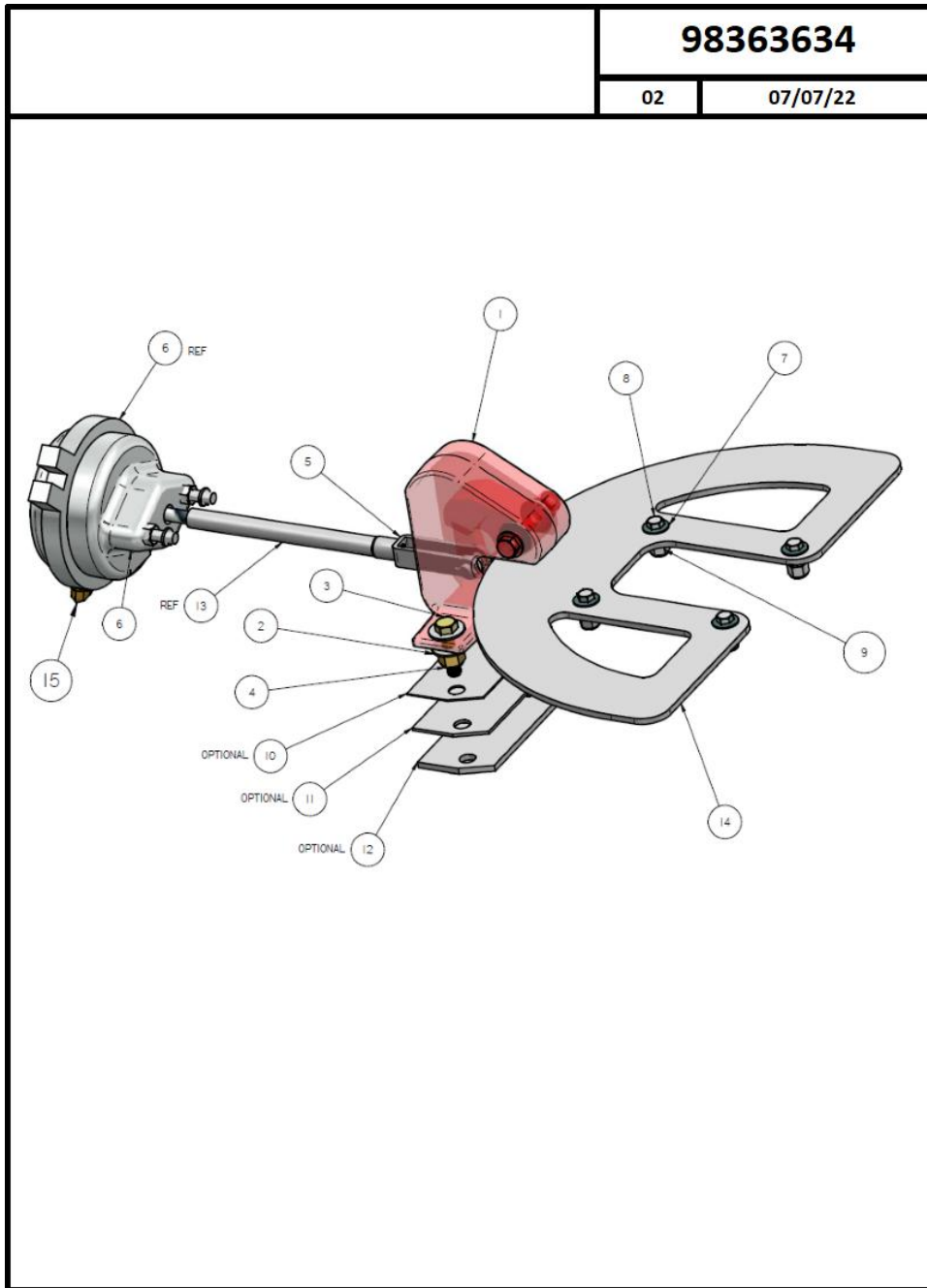
ITEM	PART NO.	DESCRIPTION	QTY
1	30330858	1" TEE	1
2	30315394	FITTING, CLOSE NIPPLE 1" NPT	1
3	30315395	1 IN BRASS BALL VALVE	1
4	30389225	1" NPT X 1" HOSE BARB	2
5	30310678	1"-3/4" BUSHING	1
6	30303371	FITTING-WATER, CLOSE NIPPLE 3/4" X 1-3/8"	1
7	30303372	BALL VALVE 3/4" NPT	1
8	30309420	FITTING - WATER,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

1.1.6 98363635 – ASSY, MAIN AND FOLD OVER

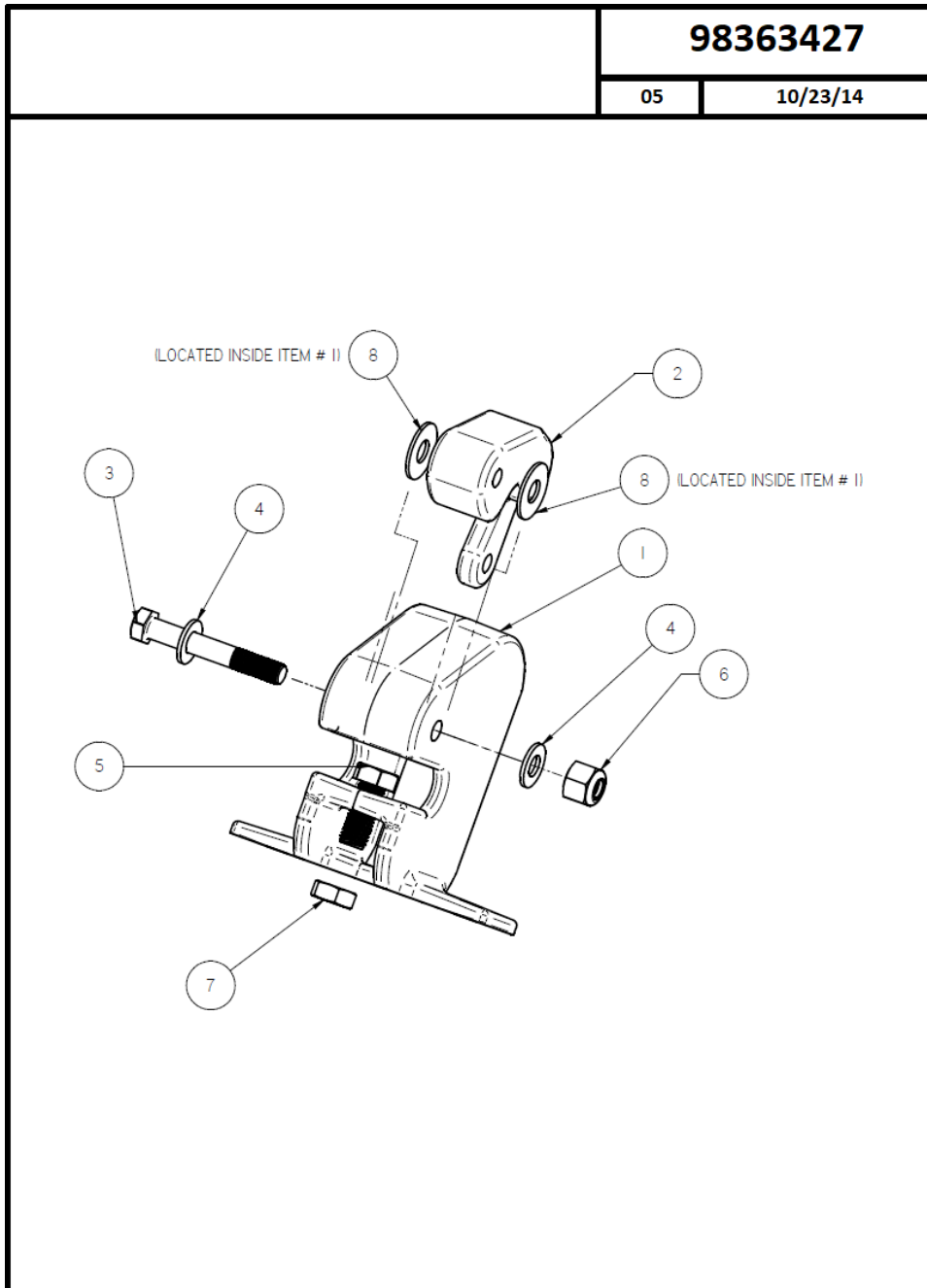
**NOTE:** USE THIS HOLE FOR MAIN CHUTE IF REPLACED

ITEM	PART NO.	DESCRIPTION	QTY
1	10009375	HOOK SNAP DIN 5299 80 X 8	1
2	30308525	NUT - LKTL 3/4-10UNC GR C FE/ZN5A	2
3	30358961	SCREW - 3/4"-10 X 3 1/2" GR.8 HHCS	2
4	60306863	WMT - CHUTE MAIN W/LINER MIXER	1
5	98338569	WMT - FOLDOVER CHUTE W/REINFORCEMENT	1

1.1.7 98363634 – ASSY, AIR CHUTE LOCK

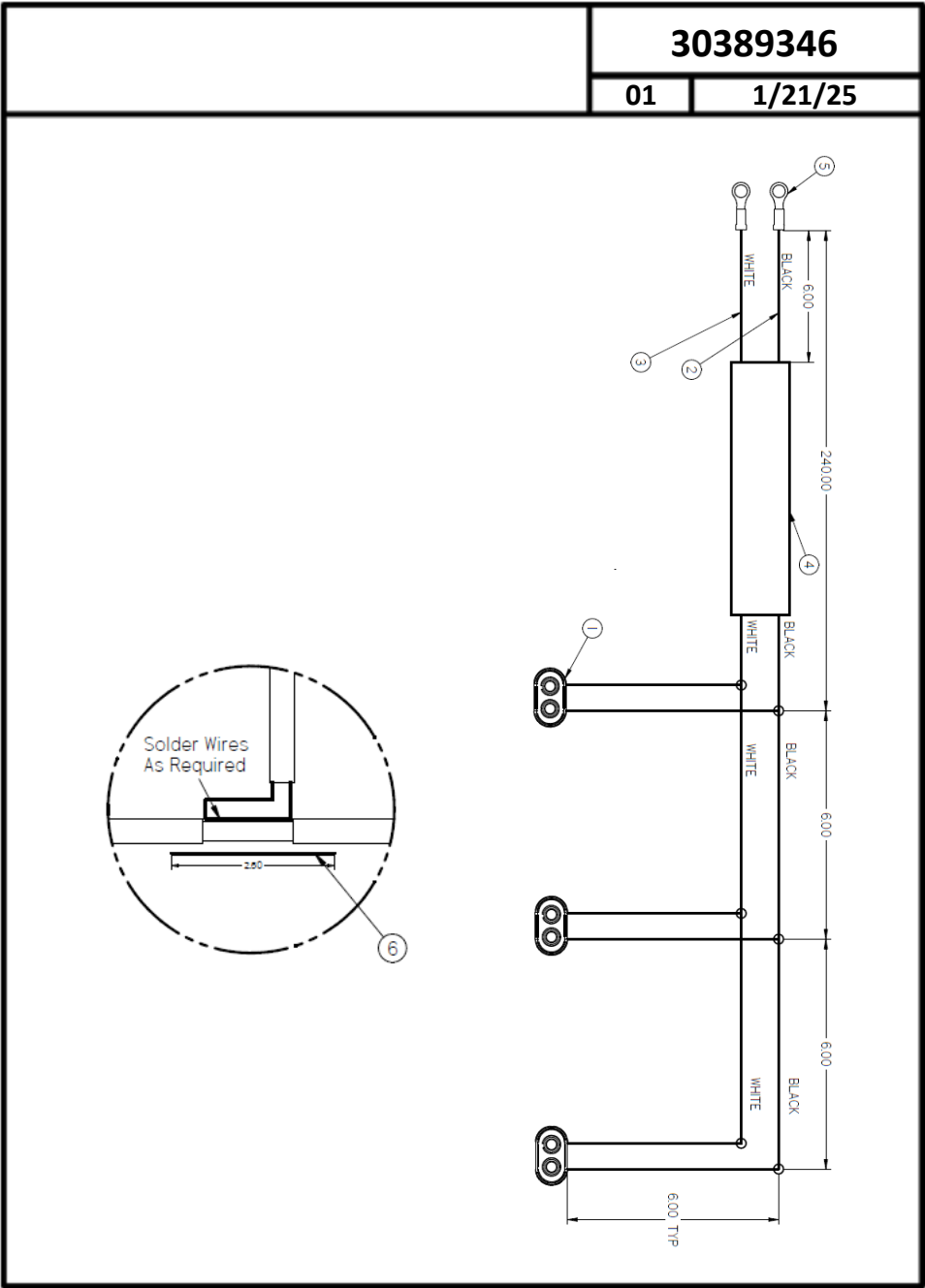


ITEM	PART NO.	DESCRIPTION	QTY
1	98363427	ASSY - CHUTE CLAMP	1
2	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	4
3	30337904	HHCS, 1/2-13UNC X 2.00" GR8, ZP	2
4	30307220	NUT, NYLON LOCK 1/2 -13UNC	2
5	30389191	YOKE END, ADJUSTABLE W/PIN 1/2" THREAD	1
6	30389189	BRAKE - CHAMBER, TYPE 16	1
7	30302130	WASHER, FLAT, 3/8, ZP	10
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

1.1.7.1 98363427 - ASSY - CHUTE CLAMP

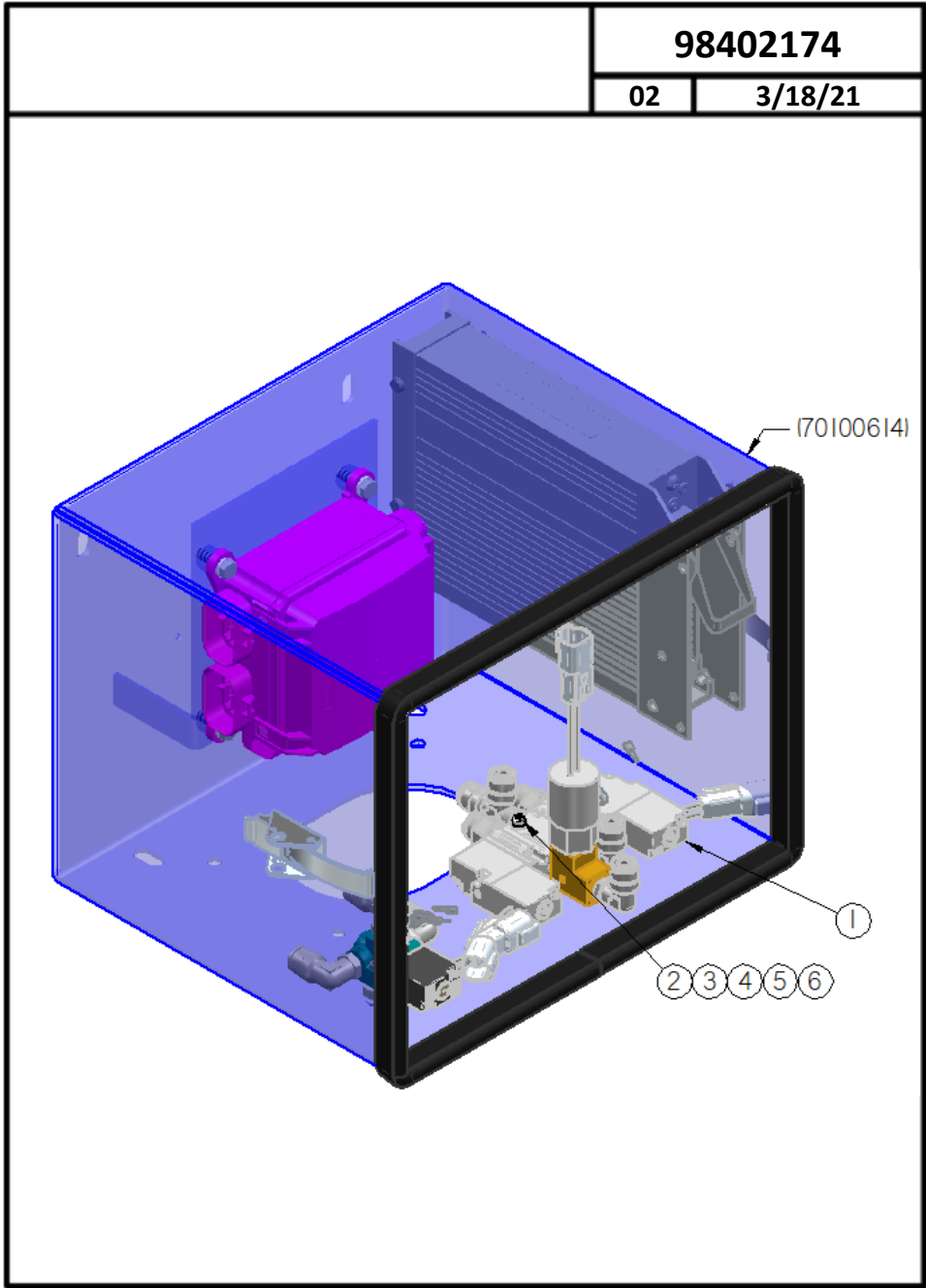
ITEM	PART NO.	DESCRIPTION	QTY
1	98363424	HOUSING - CHUTE CLAMP	1
2	98363426	CAM - CHUTE CLAMP	1
3	30309696	SCREW - 1/2"-13NC X 3-1/2" LG, HHCS	1
4	30391335	WASHER - FLAT, 1/2", SAE GR 8 - RE/ZN5C	2
5	30306429	HEX HEAD CAP SCREW, 5/8" - 11X1 1/2", GR 5, ZP	1
6	30307220	1/2" - 13 UNC NYLON LOCK NUT	1
7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

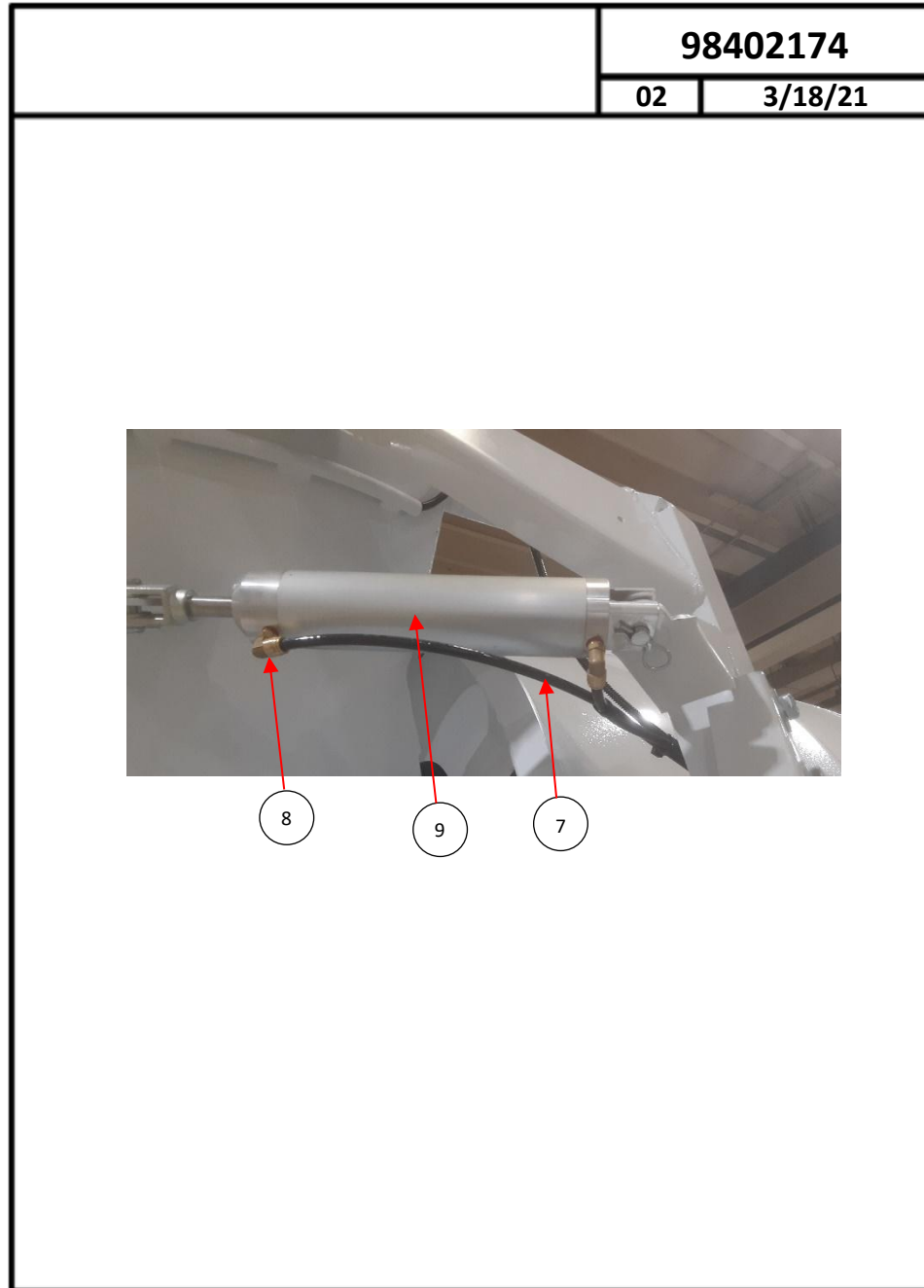
1.1.8 30389346 – HARNESS, CONT HOPPER LIGHTS



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

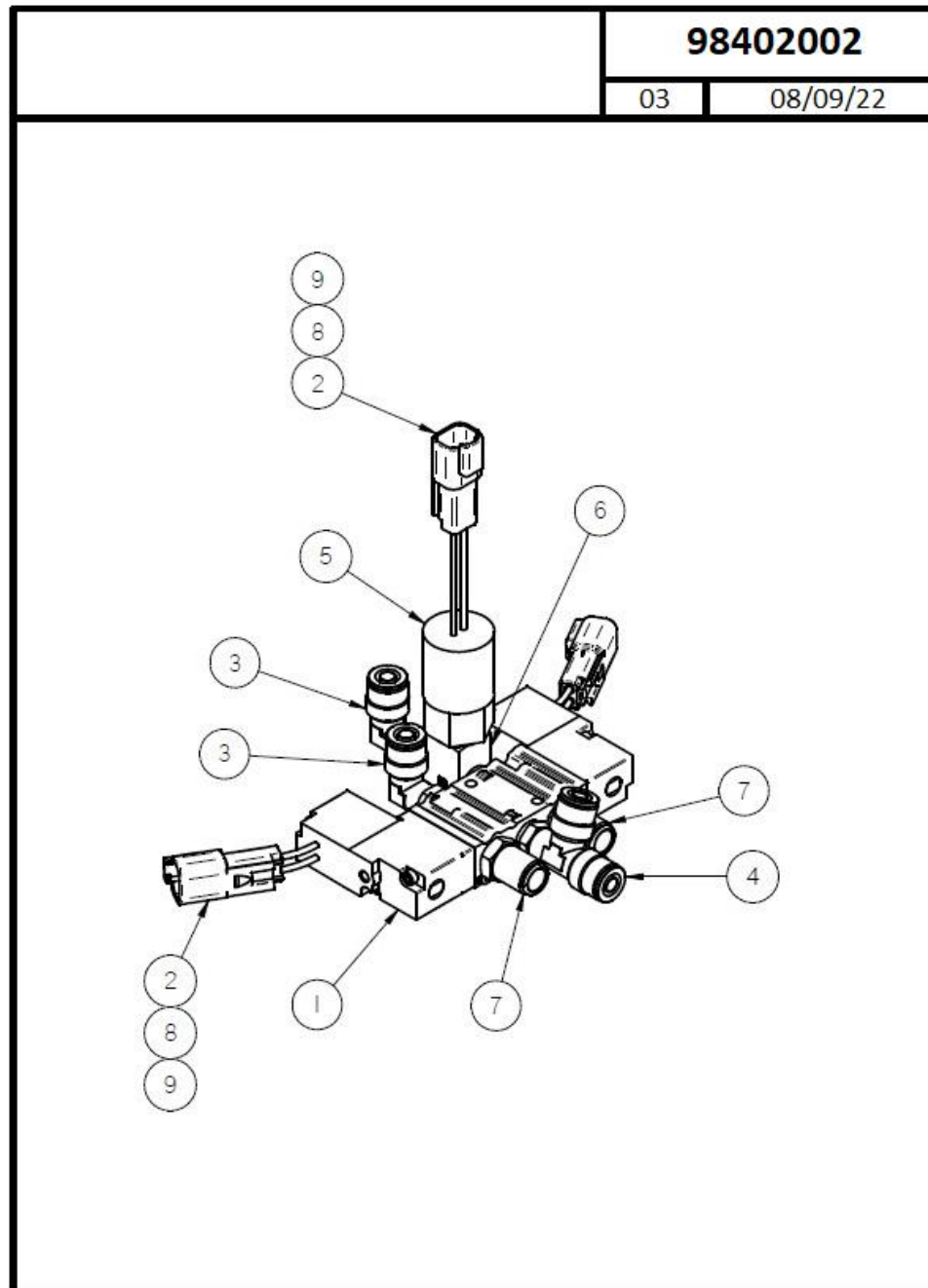
1.2 98402174 – ASSY, TILT HOPPER





STRUCTURE

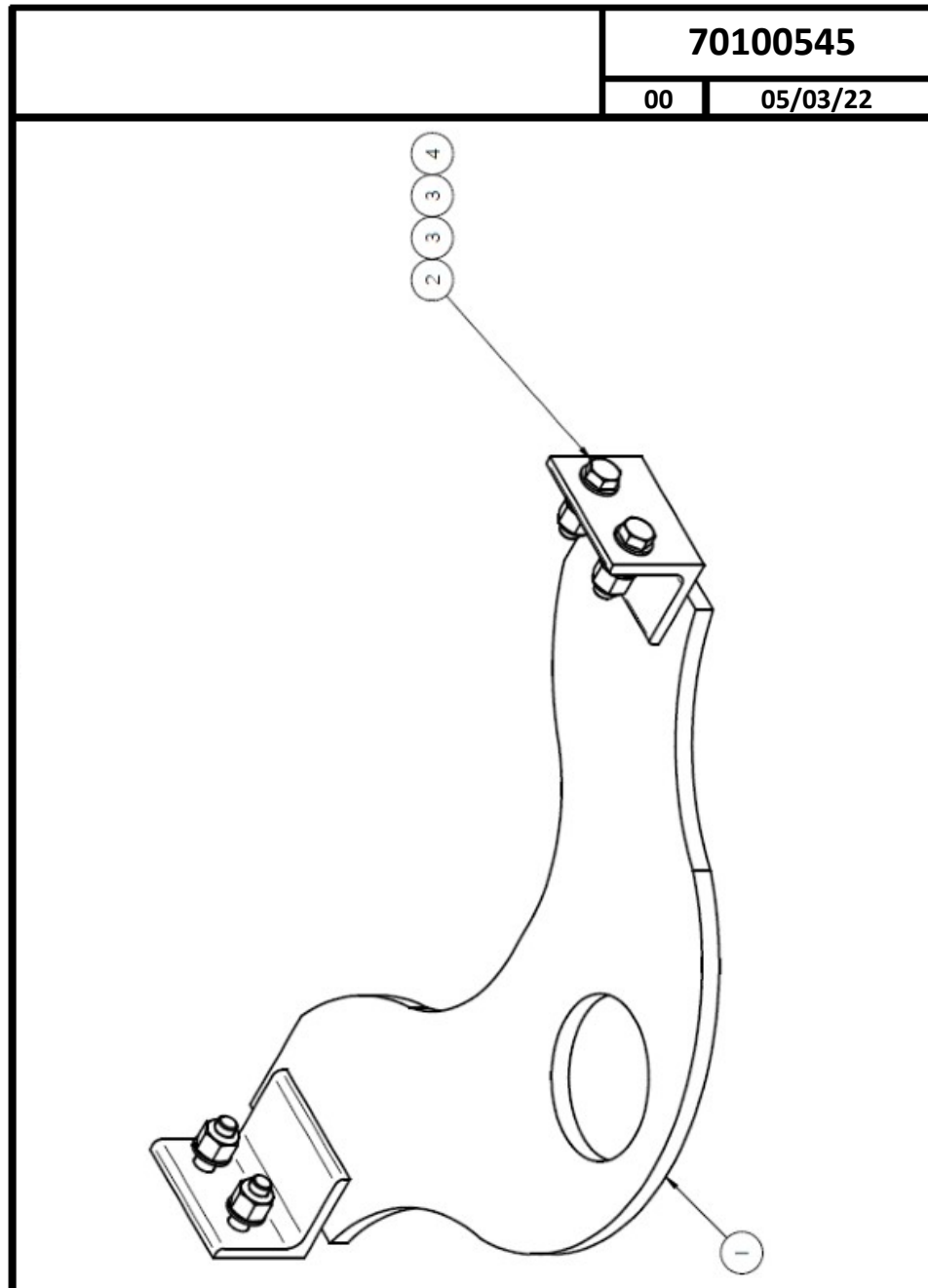
ITEM	PART NO.	DESCRIPTION	QTY
1	98402002	ASSY, VALVE TILT HOPPER	1
2	10212915	SCREW DIN 912 M 4 X 35-8.8-VZ	2
3	30304534	WASHER DIN 125 A 4.3-140HV ZIN	2
4	98404560	BUSHING UNTHREADED SPACER, NYL	2
5	10145911	SCREW RETAINER SKM 4-GT320	2
6	10001233	NUT ISO 4032 M 4-MS	2
7	30305009	TUBE-PLSTC, AIR LINE 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


STRUCTURE

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

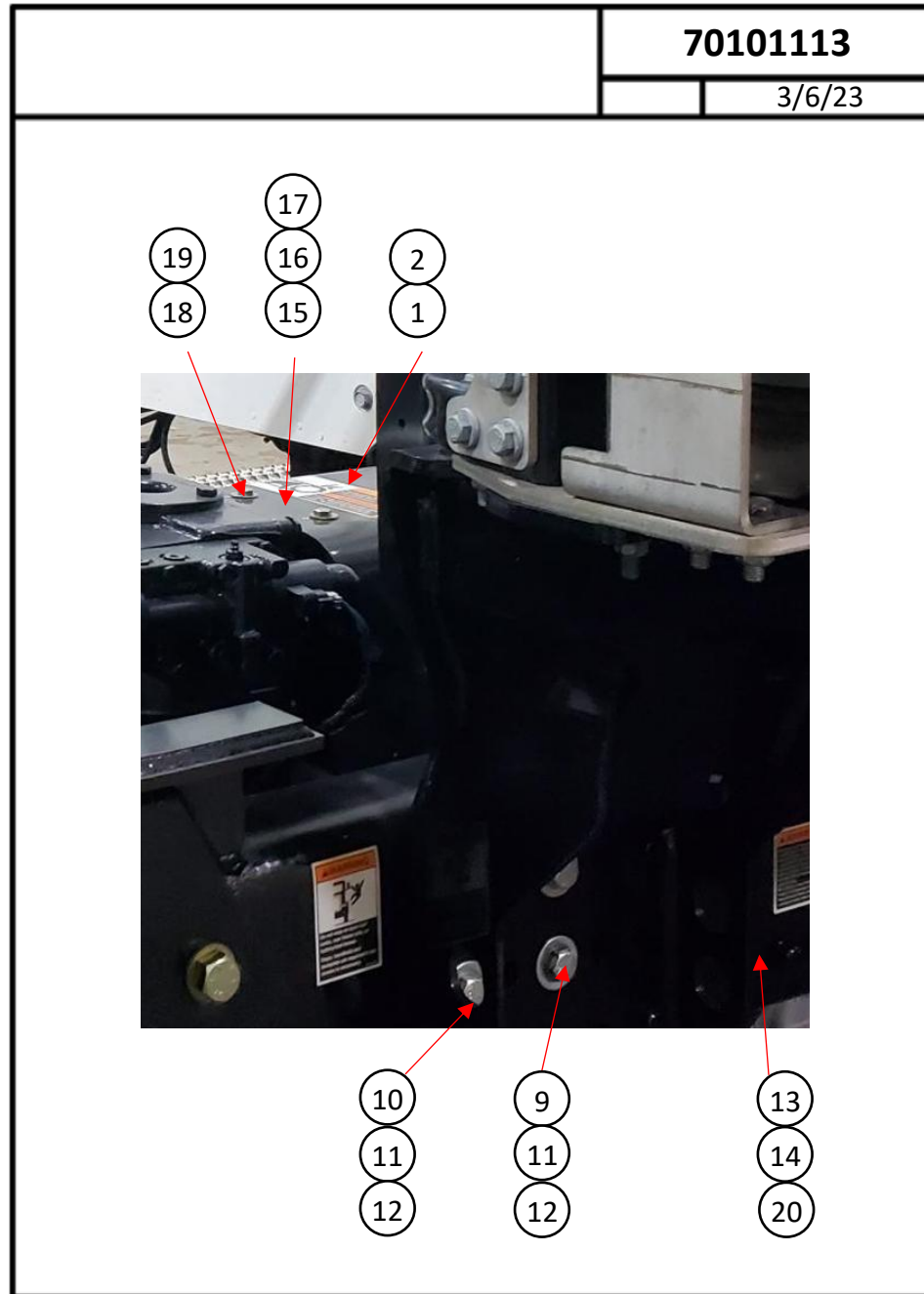
1.3 70100545 – ASSY, TOW HOOK

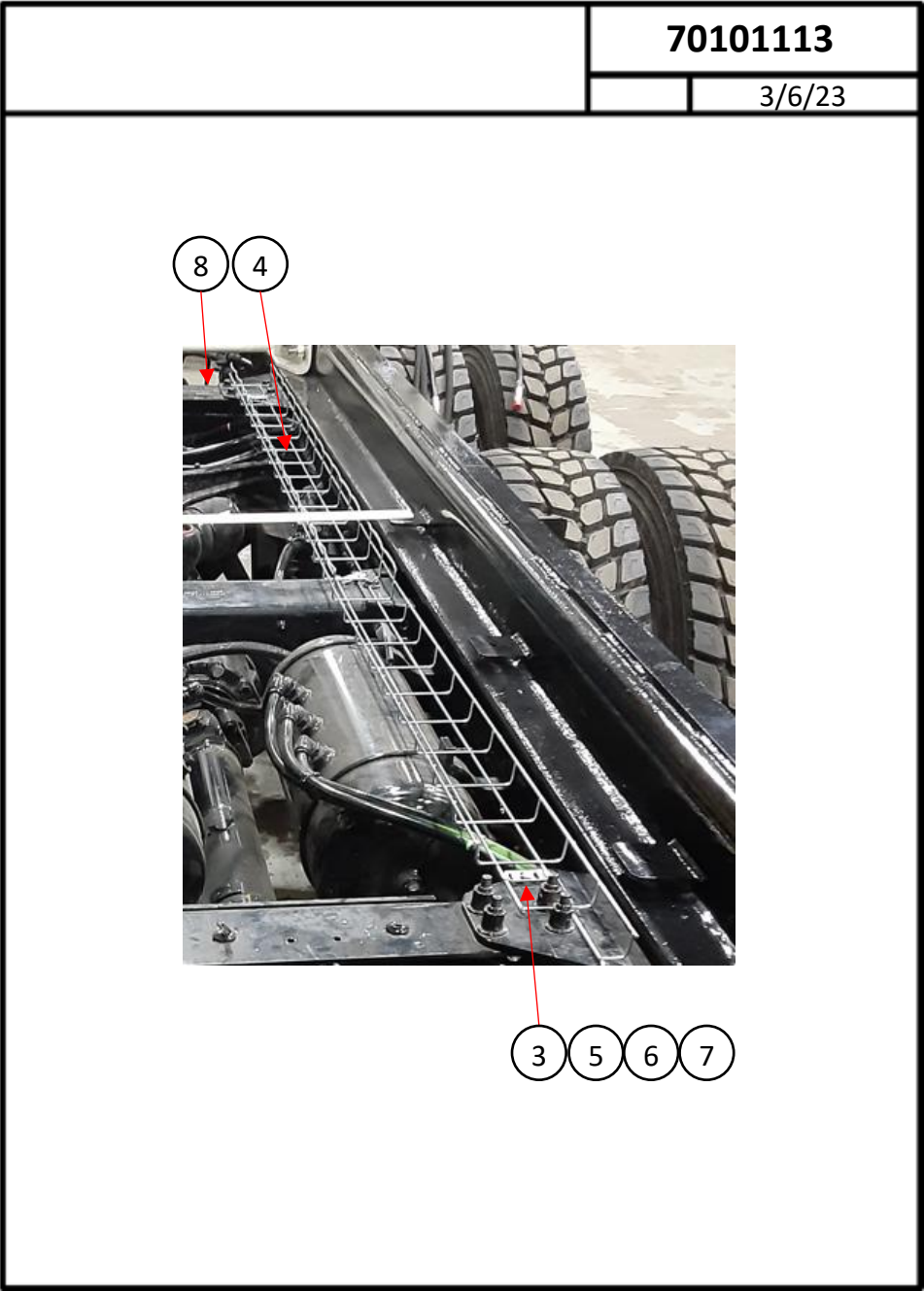


STRUCTURE

ITEM	PART NO.	DESCRIPTION	QTY
1	70100544	WLDT, TOW HOOK	1
2	70100546	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



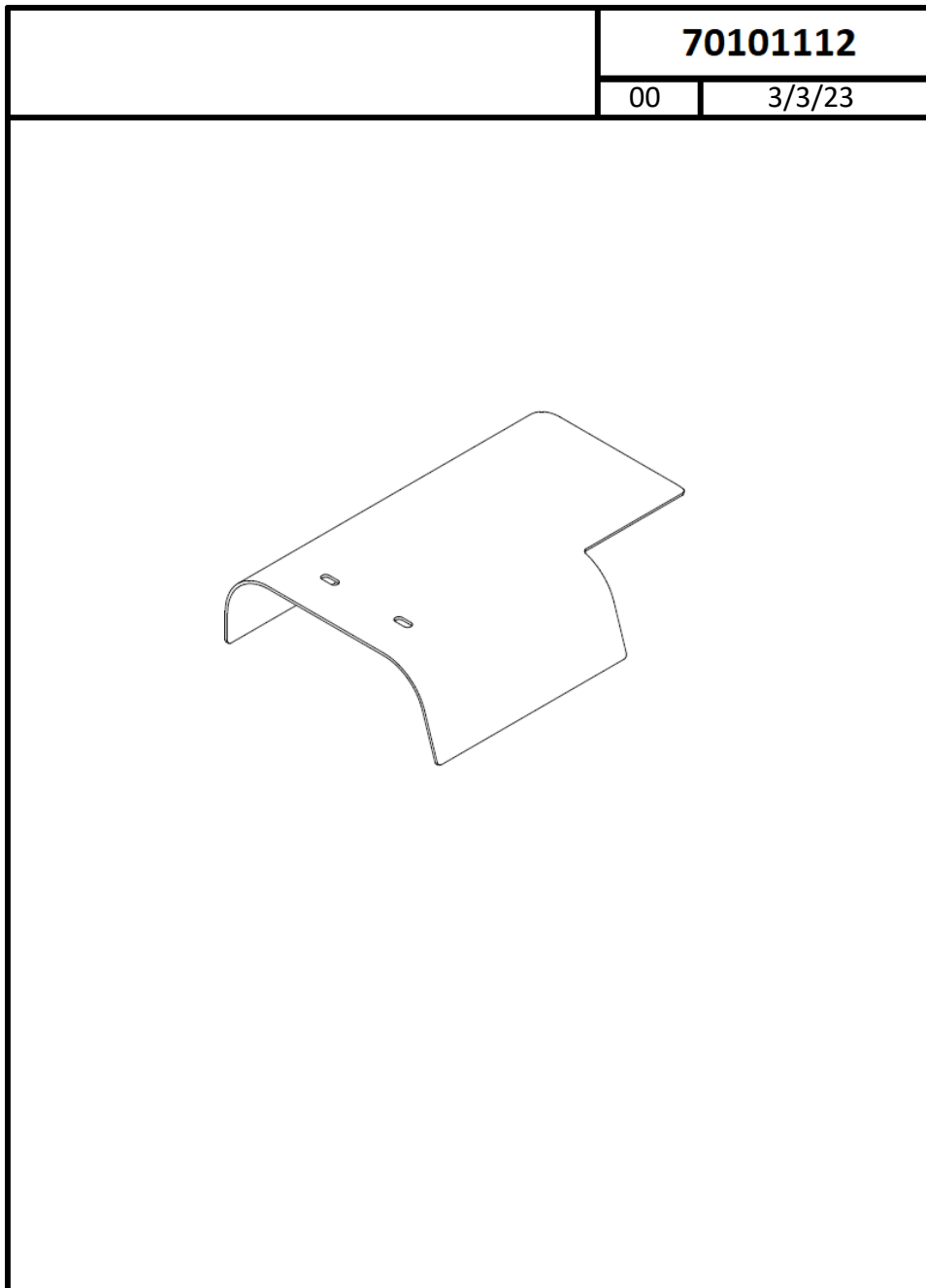


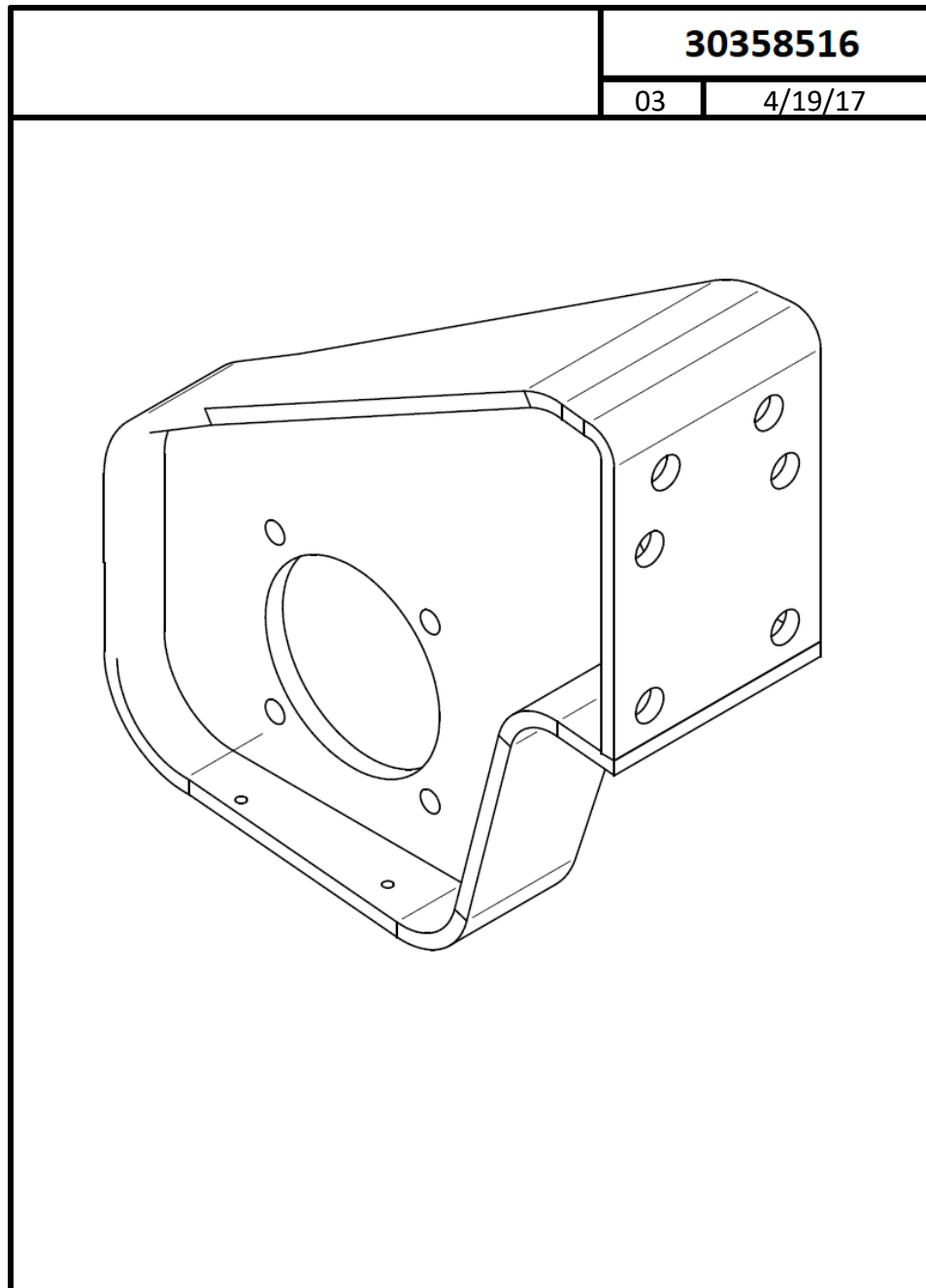
ITEM	PART NO.	DESCRIPTION	QTY
1	70101112	PLT - GUARD, RPTO	1
2	30358516	WMT - BRACKET, PUMP MOUNT, REA	1
3	98397551	BRACKET -UNIVERSAL WIRE MESH M	3
4	98397550	TRAY -WIRE MESH 60X100X3000MM	1
5	30302132	SCREW - HHC, 1/4"-20 X 1" GR 5	3
6	30303735	WASHER - FLAT, 1/4"	3
7	30334582	NUT - LOCK 1/4"-20 NC 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:

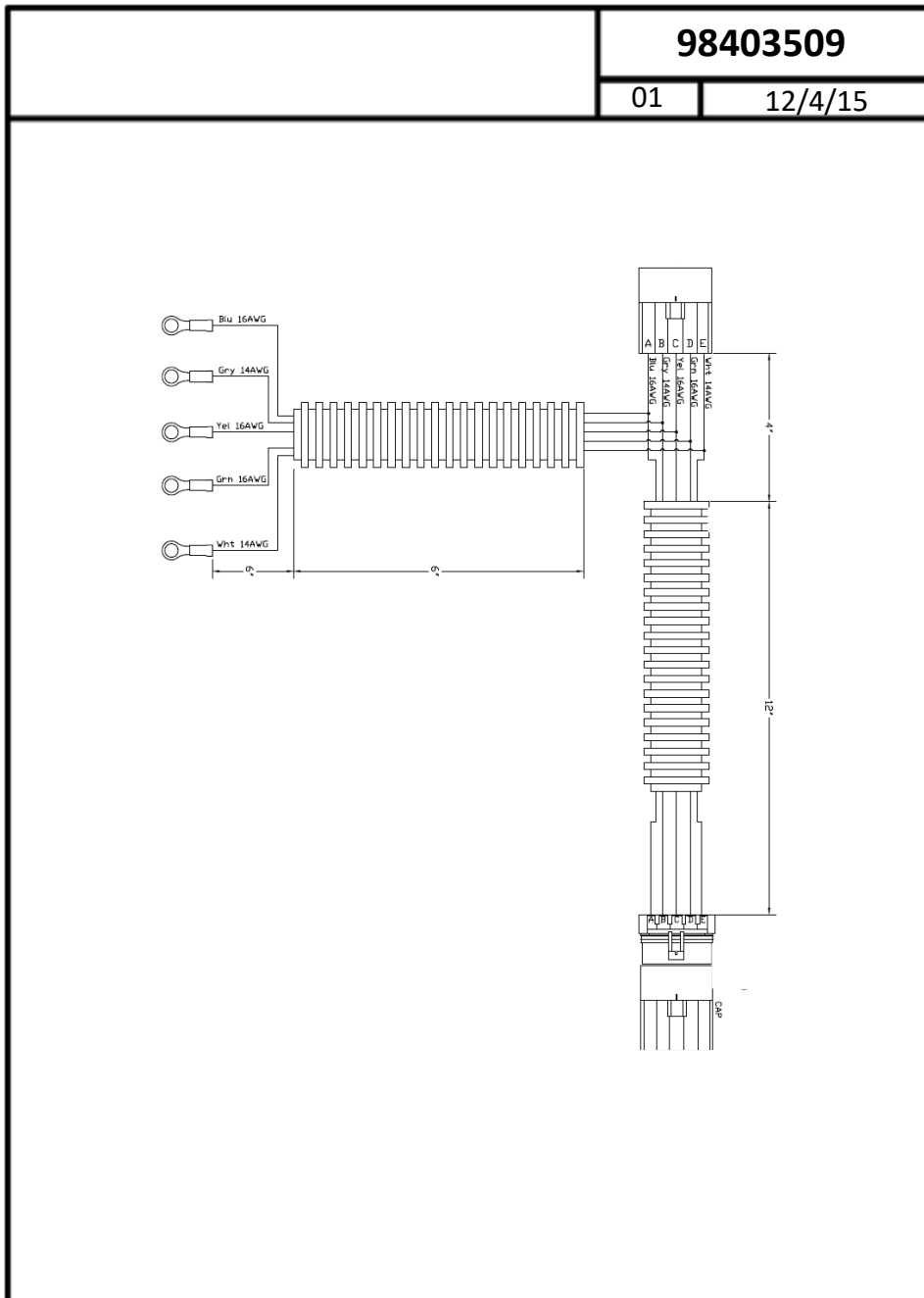
1. ITEMS 13, 14, AND 20 LOCATED UNDER CAB.
2. ITEMS 15, 16, AND 17 ASSEMBLE PUMP TO ITEM 2.
3. ITEM 3 (98397551) HAS BEEN REPLACED WITH 70101893.

1.4.1 70101112 – GUARD PLATE, RPTO

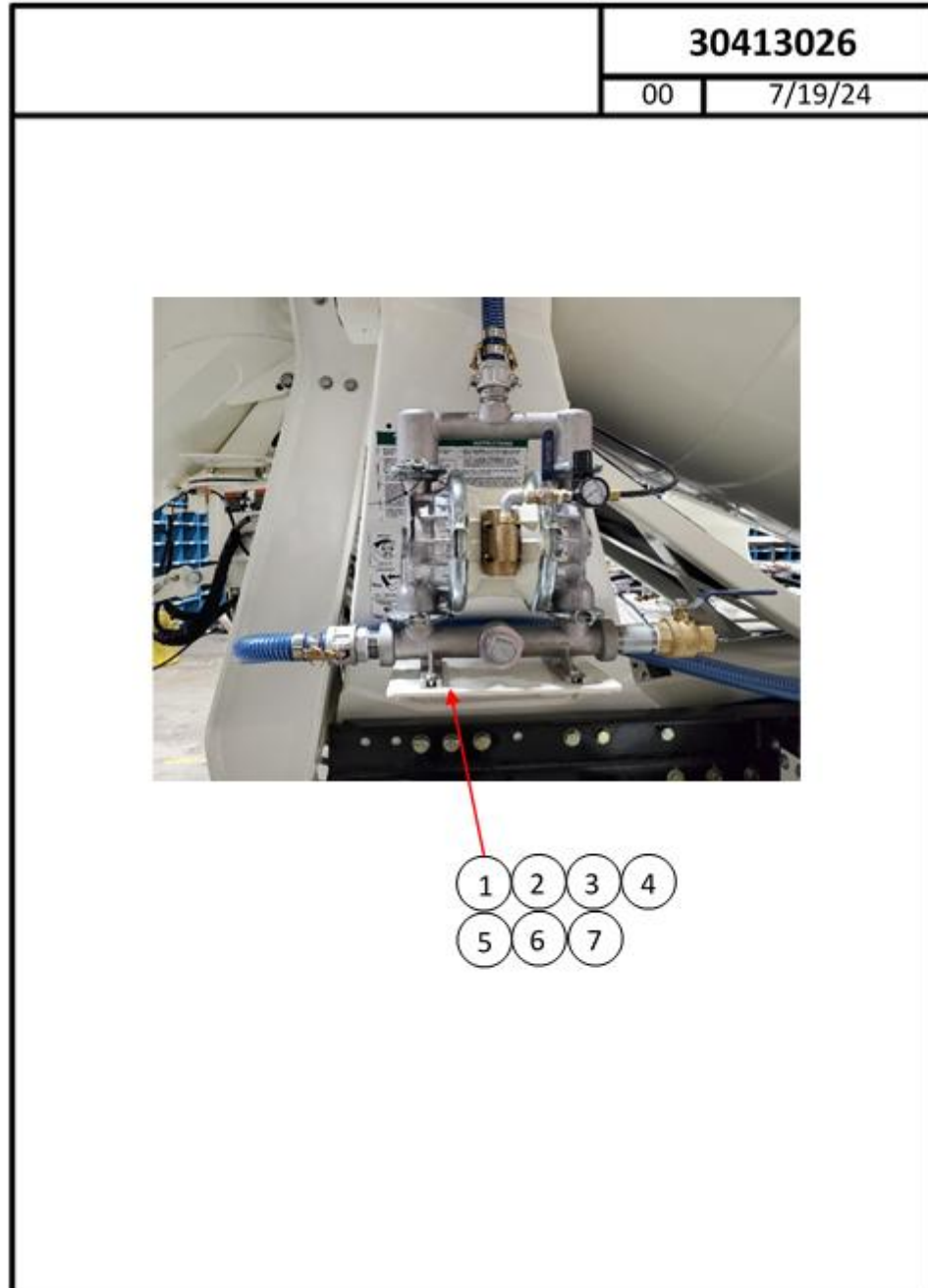


1.4.2 30358516 – WMT, PUMP MOUNT BRACKET, REAR

1.4.3 98403509 – HARNESS MIXER, TAIL LIGHT SPLITTER

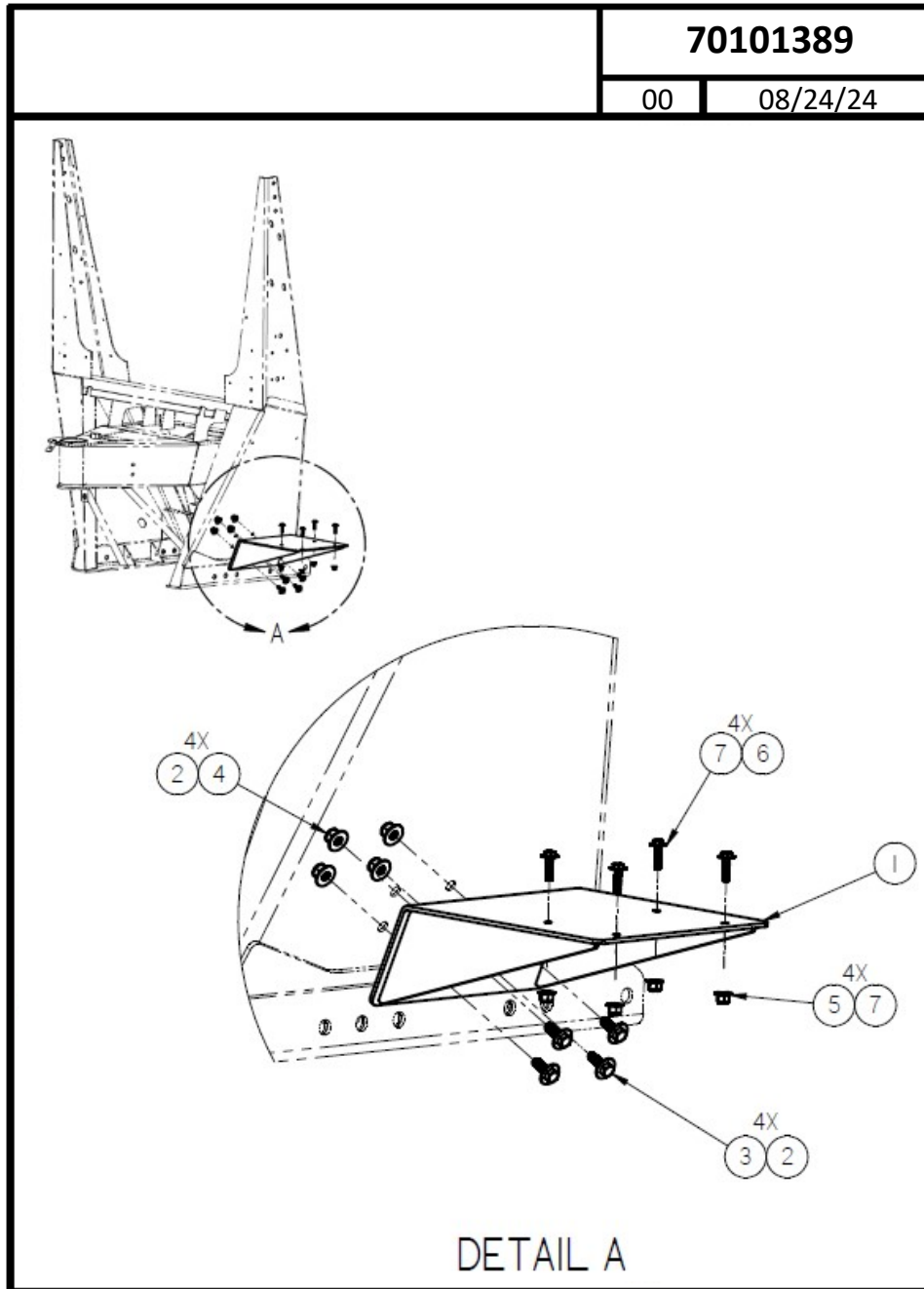


1.5 30413026 – RECLAIMER ENVIROGUARD P.S.



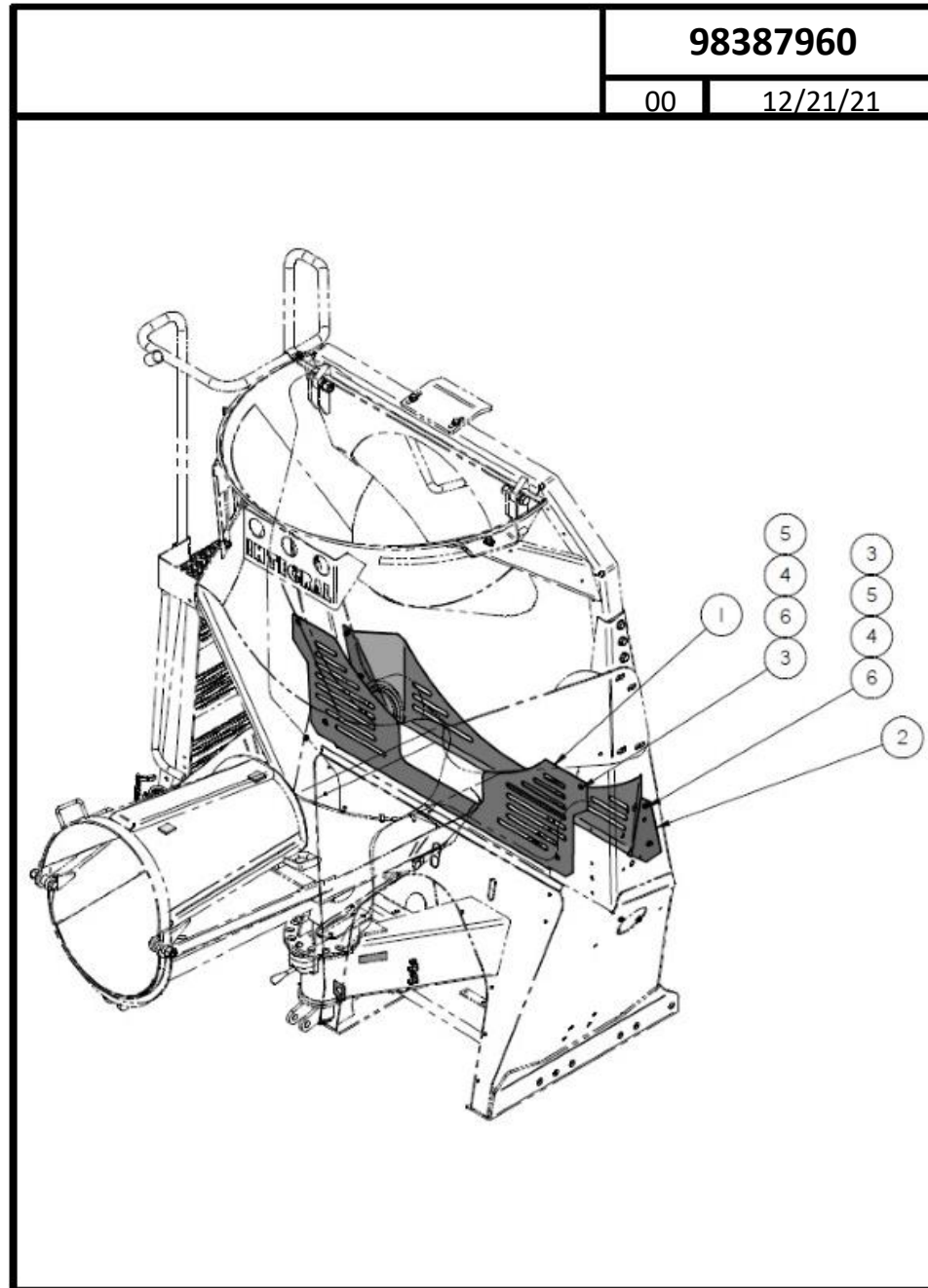
ITEM	PART NO.	DESCRIPTION	QTY
1	98438511	KIT WATER RECLAIMER PASSENGER	1
2	30352818	NIPPLE 1/2" NPT X 5"	1
3	10006850	STREET ELBOW 1/2" NPT	1
4	30386596	WELDMENT - WATER HOSE MOUNTING	1
5	98383133	PLUG, SQ HD, 1.5" NPT BLACK	2
6	70101613	CLAMP-HYD, WORMGEAR 1.75"-2.75"	2
7	70101389	ASSY, PUMP MOUNT	1

1.5.1 70101389 – ASSY, PUMP MOUNT



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 LOCK 1/2 -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

1.6 98387960 – ASSY, ROLLER GUARD FRONT, REAR

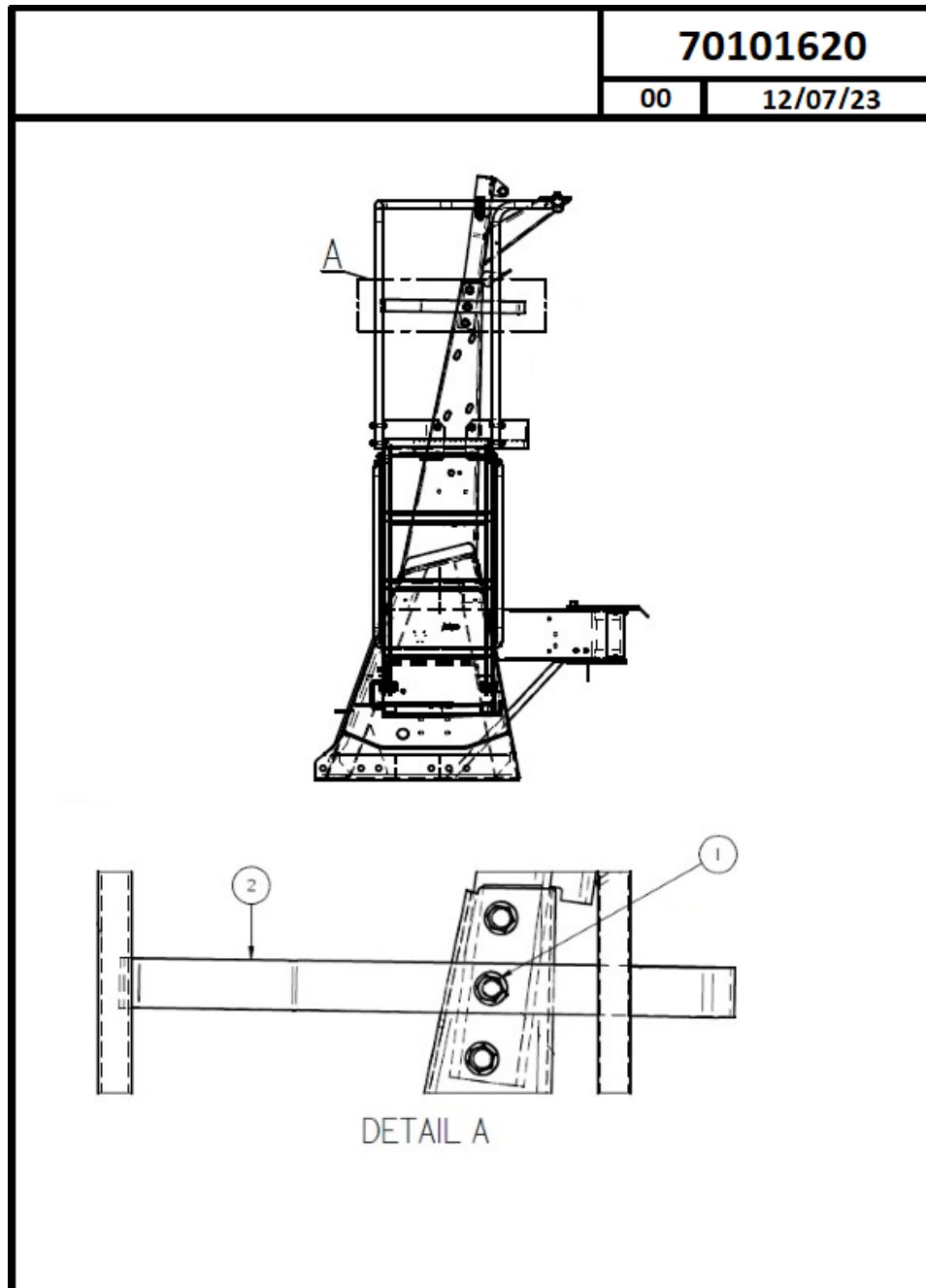


ITEM	PART NO.	DESCRIPTION	QTY
1	98387889	SHEET - REAR ROLLER GUARD	1
2	98387888	SHEET - FRONT ROLLER GUARD	1
3	30302133	SCREW - HHC, 1/4"-20UNC X 3/4" LG GR5 ZP	8
4	30302123	WASHER - SPLIT LOCK MEDIUM, 1/4" - Z.P.	8
5	30303735	WASHER - FLAT, 1/4" USS - FE/ZN 3AT	8
6	30302122	NUT - HEX, 1/4-20 NC	8

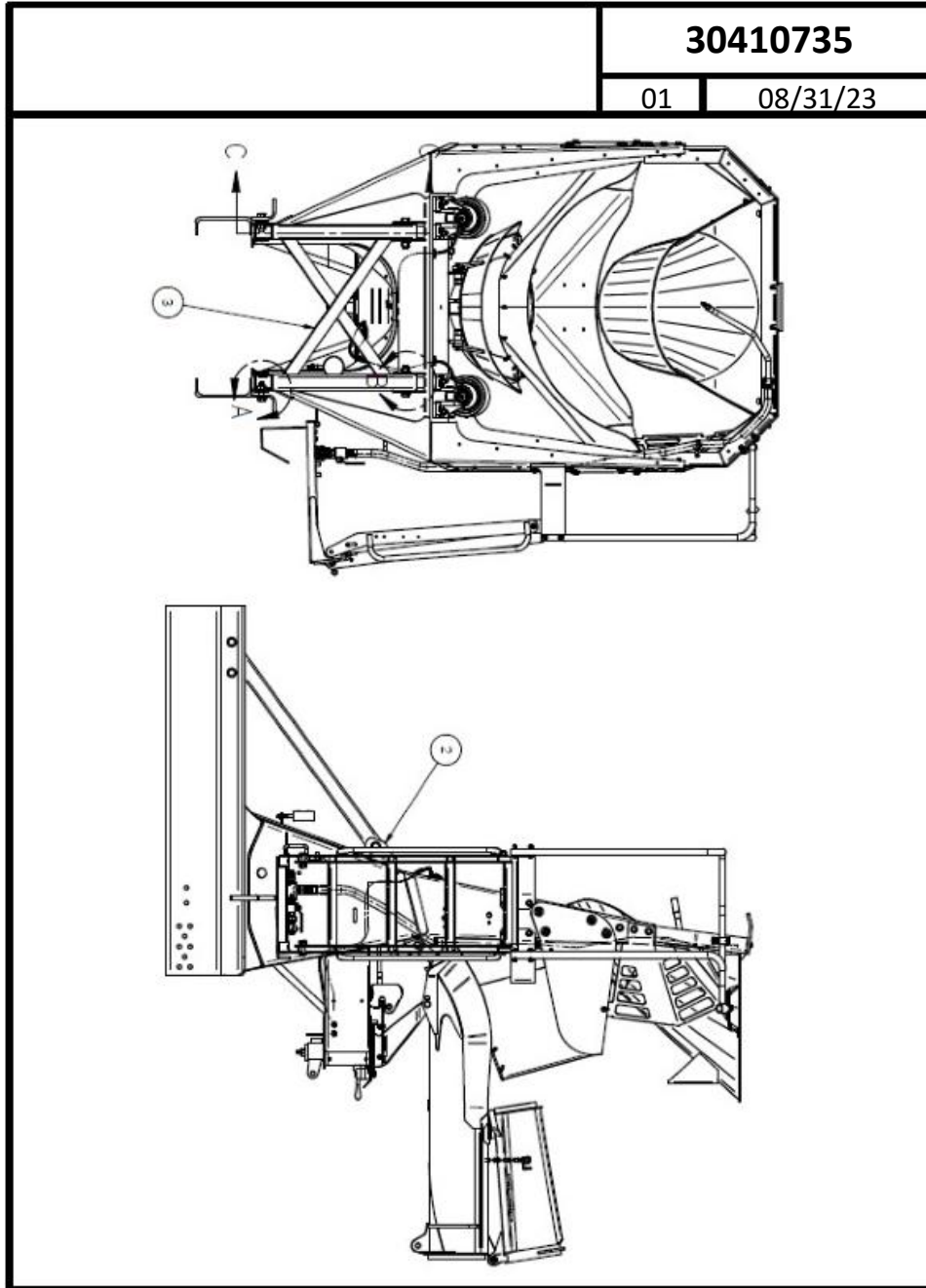
1.7 70100057 – SHAFT REPTO, 1310 SERIES 56.81"



1.8 70101620 – ASSY, MHR, REAR PEDESTAL



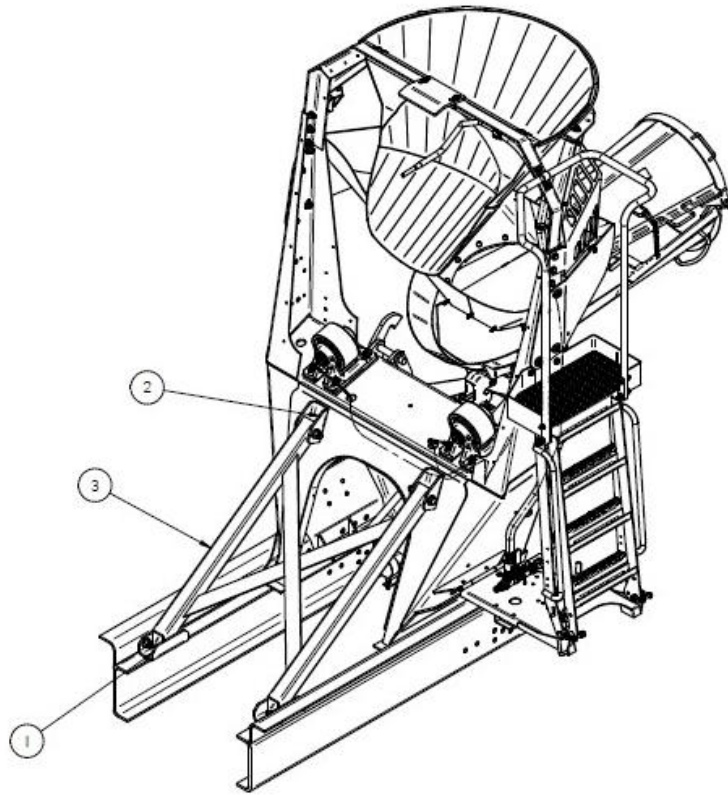
ITEM	PART NO.	DESCRIPTION	QTY
1	30310889	SCREW - 5/8"-11 NC X 2 1/2"LG	1
2	70100895	PLATE, MID HEIGHT RAILING	1

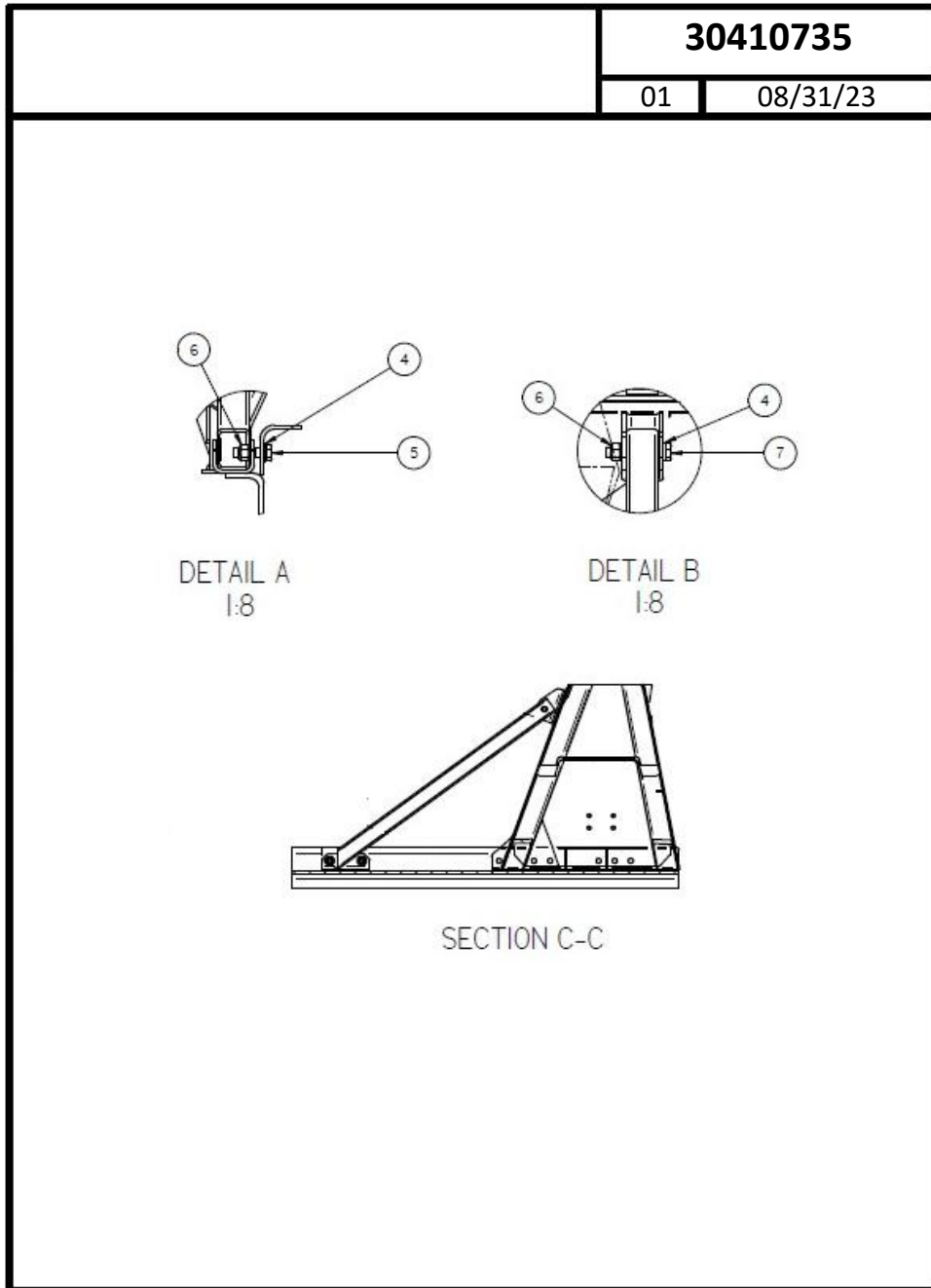
1.9 30410735 – KNEE BRACE ASSY RAILED FRAME

30410735

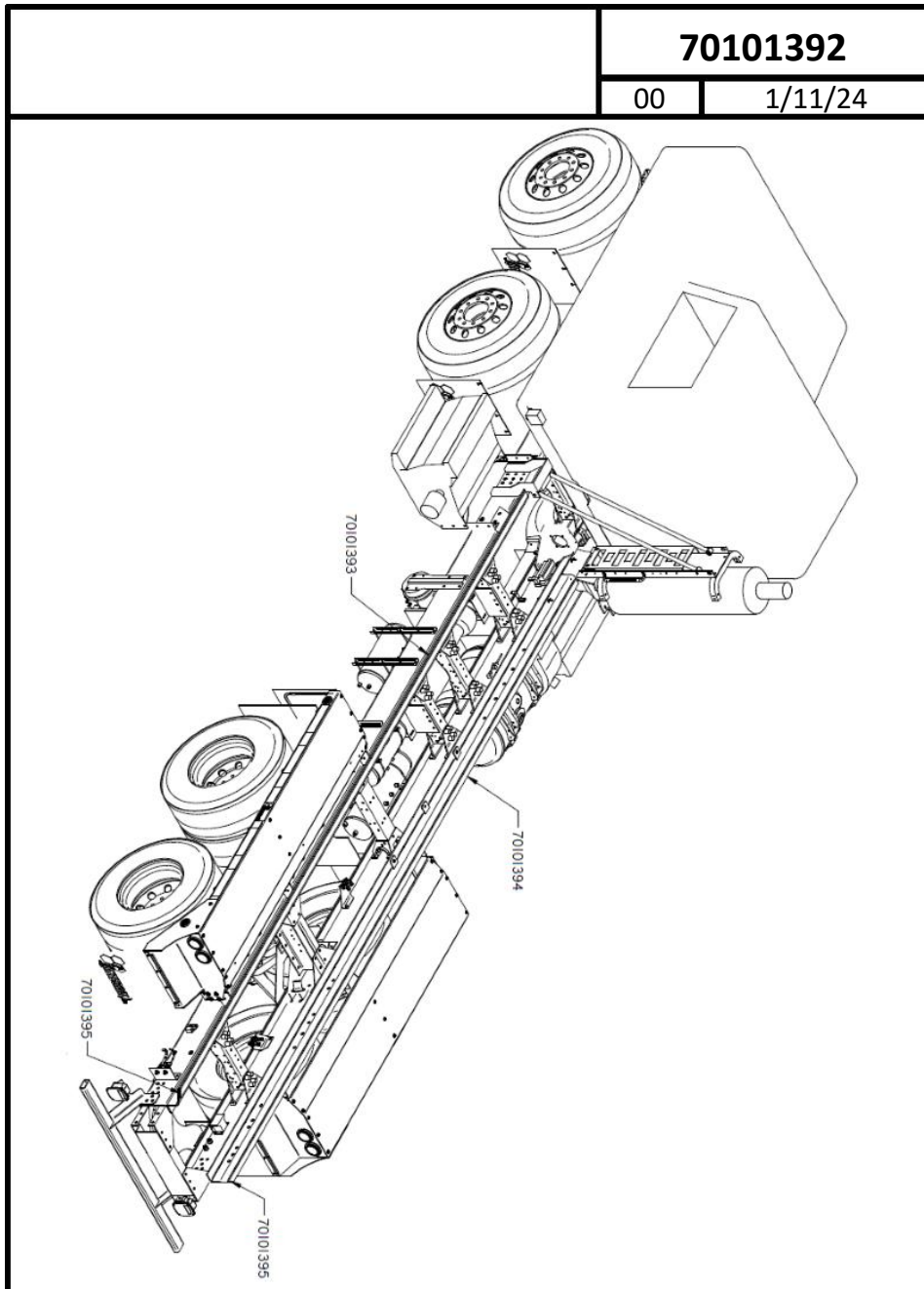
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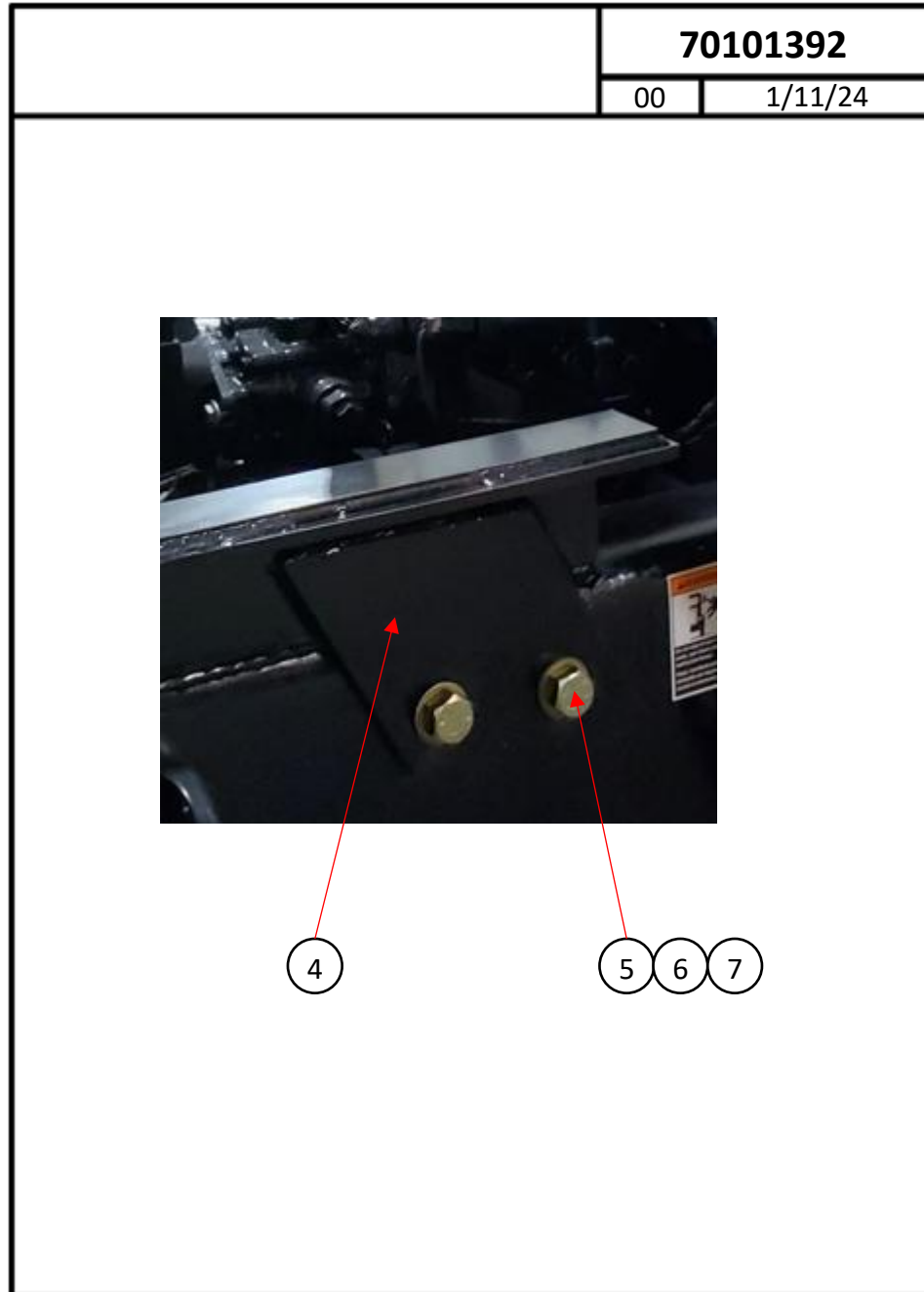
08/31/23





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

1.10 70101392 – CHASSIS MODS



STRUCTURE

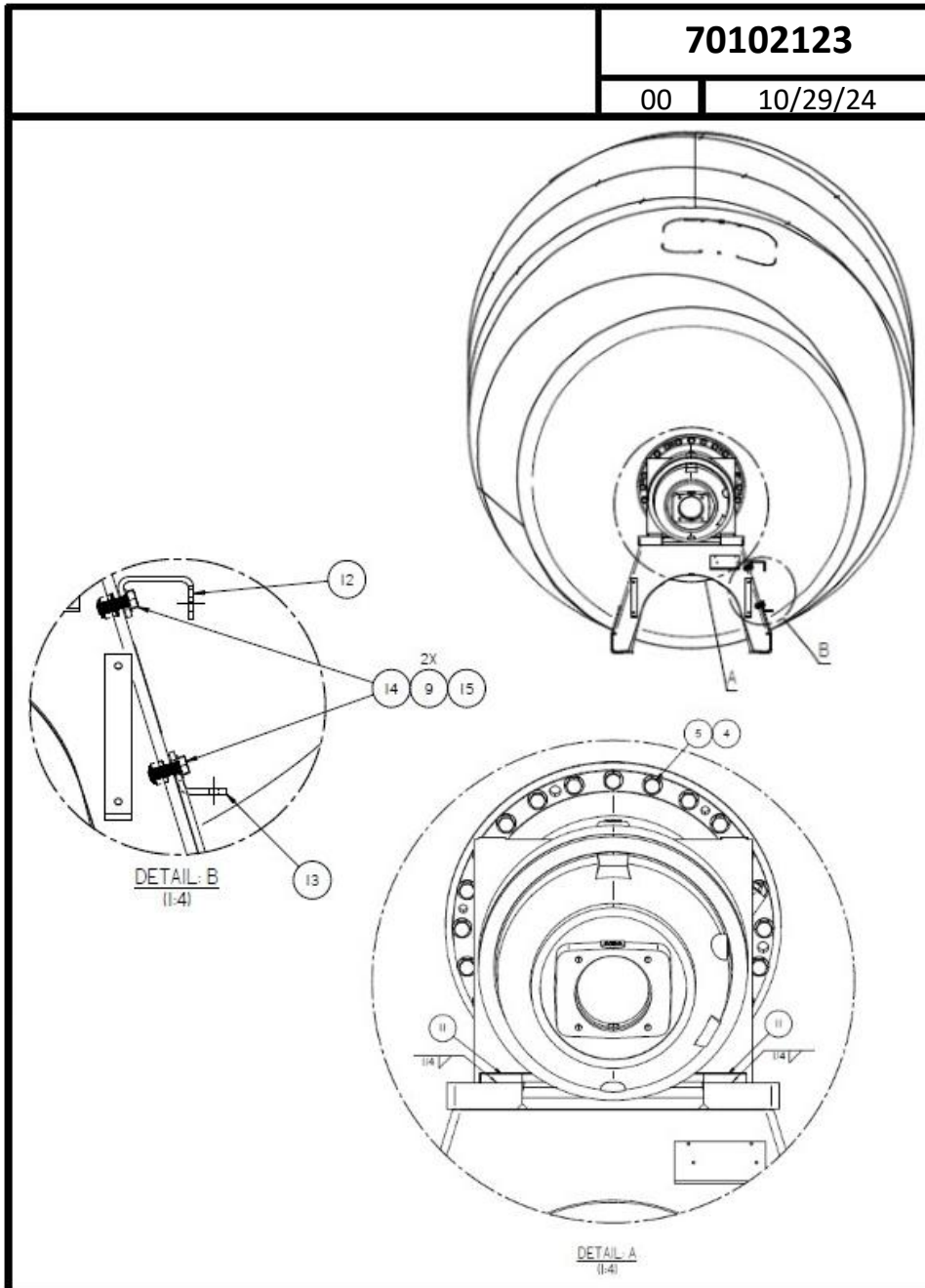
ITEM	PART NO.	DESCRIPTION	QTY
1	70101393	PLT, SS BOOSTER RAIL	1
2	70101394	PLT, CS BOOSTER RAIL	1
3	70101395	PLT, BOOSTER RAIL TOP PLATE	2
4	30389872	PLT, TRANSITION BOOSTER RAIL	2
5	70100830	HHCS, 7/8"-14 x 3"	4
6	70100831	NUT, 7/8"-14	4
7	30386508	WASHER, FLT 7/8"	8
8*	70101462	PLATE, FENDER MOUNT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

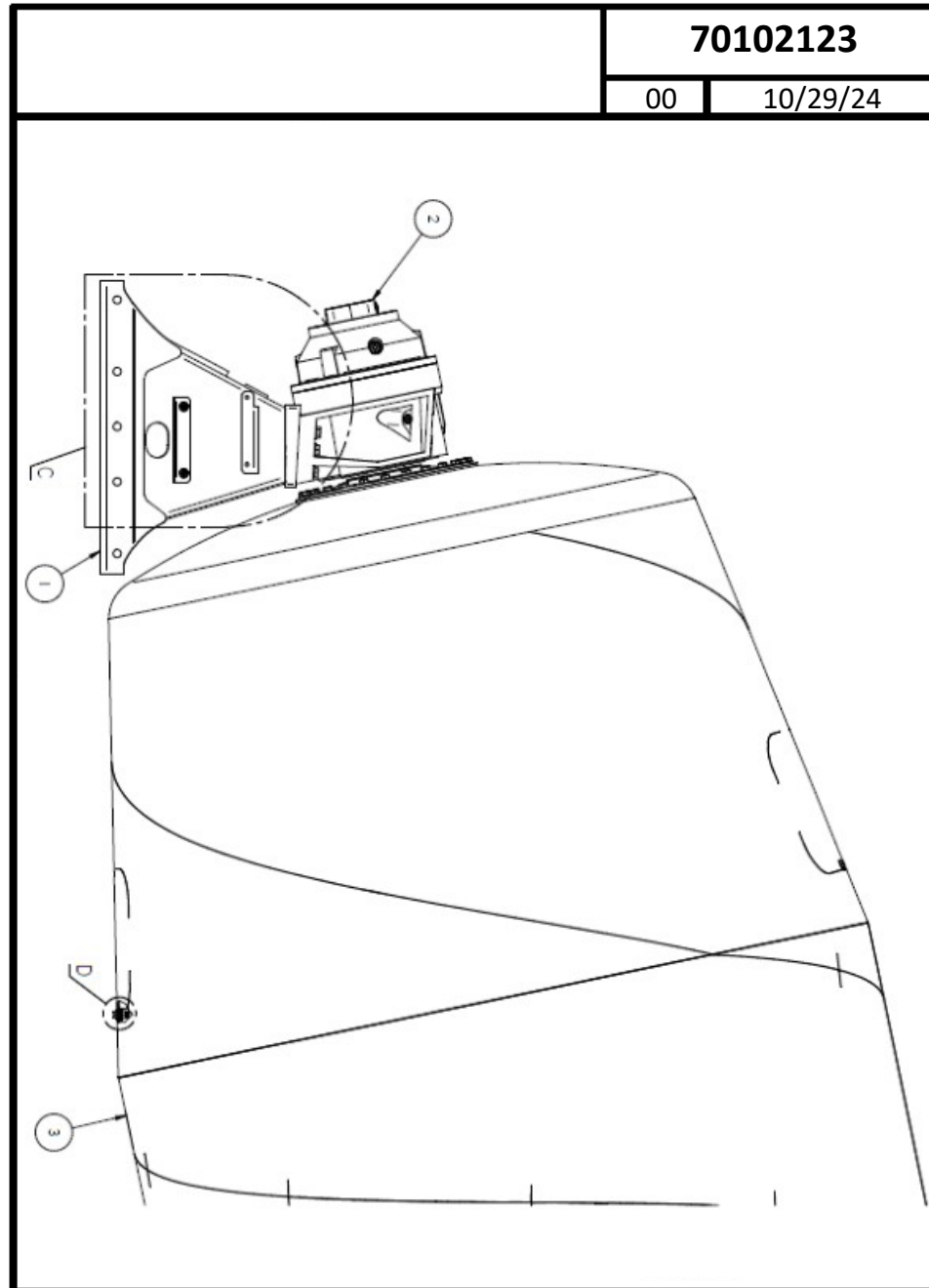
*ITEM NOT SHOWN

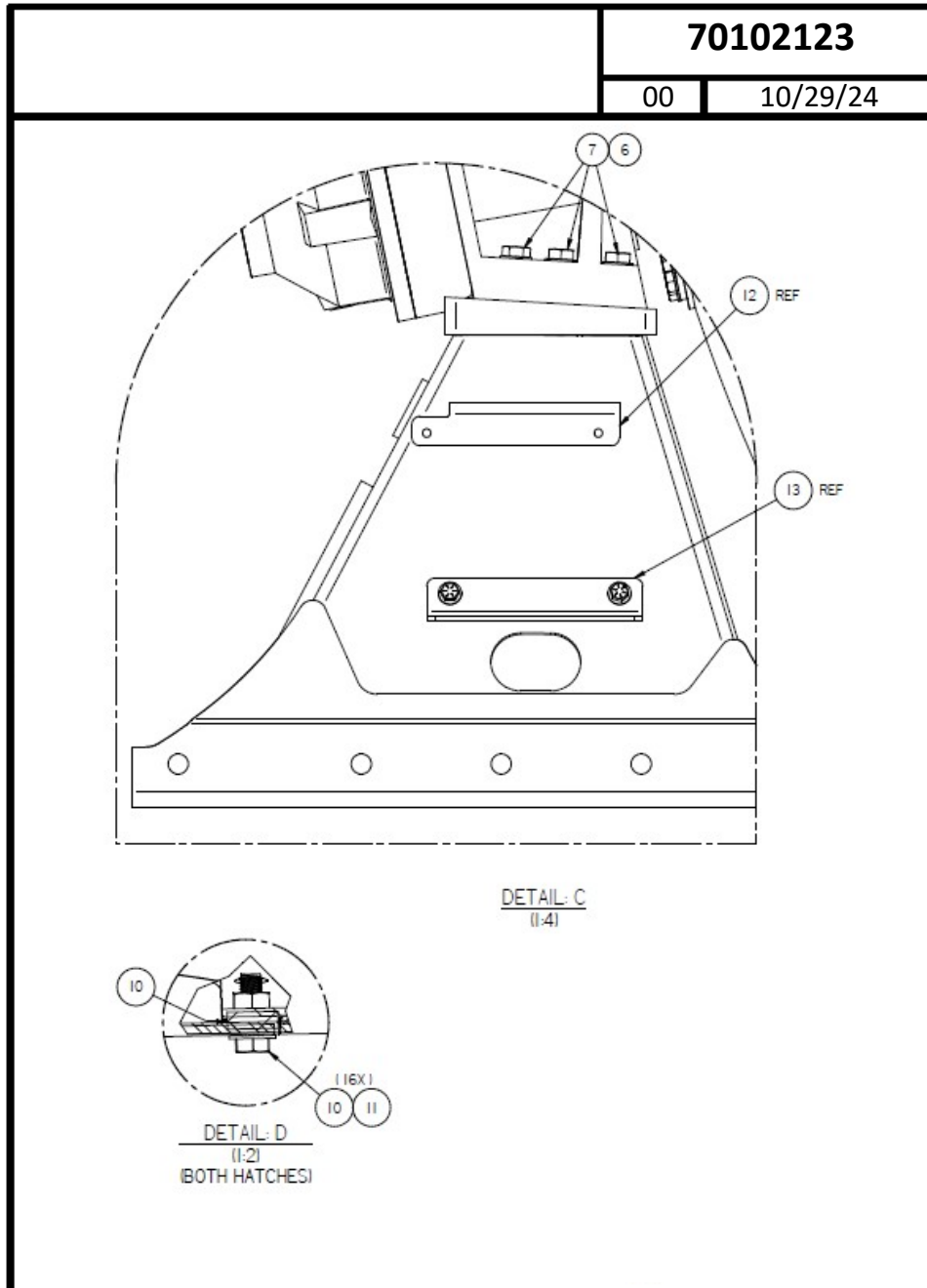
2 DRUMS

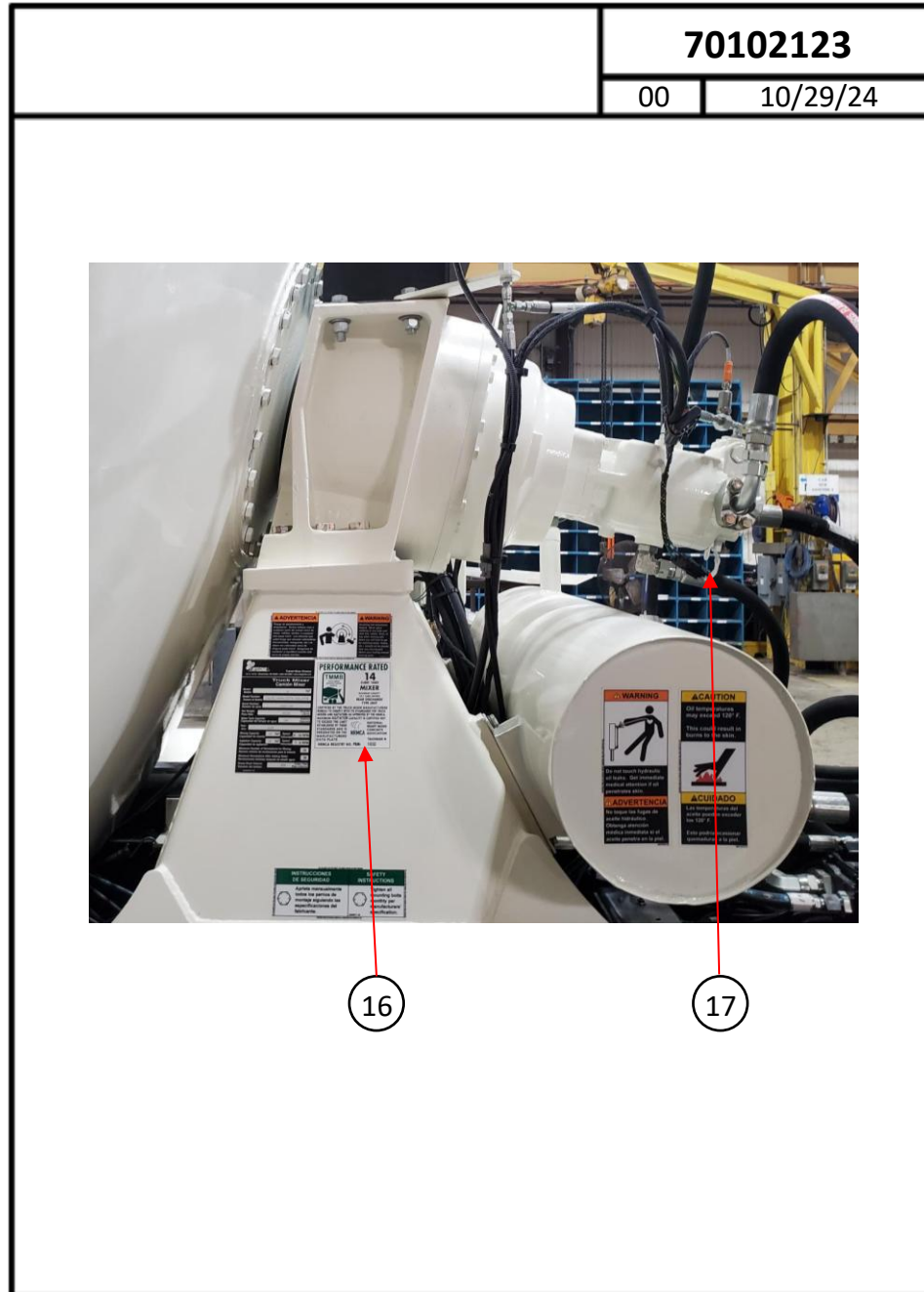
2.1 70102123 – ASSY, DRUM, 14YD, H/H, DH, P7300

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









DRUMS

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

NOTE: MOTOR MAY HAVE A 4 WIRE SENSOR INSTEAD OF 3 WIRE SENSOR, THEN ORDER 98431383 INSTEAD OF 70101950.

3 POWER

Refer to parts manual 70100292.

4 HYDRAULICS

- 4.1 70102196 – 100% TRUCK HYD. HOSE GROUP 14 YARD 4-72
- 4.2 70102197 – BOOSTER HYD. HOSE GROUP 4-72

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	70100596	HOSE-HYD-4/4-6000 PSI-233.00"	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

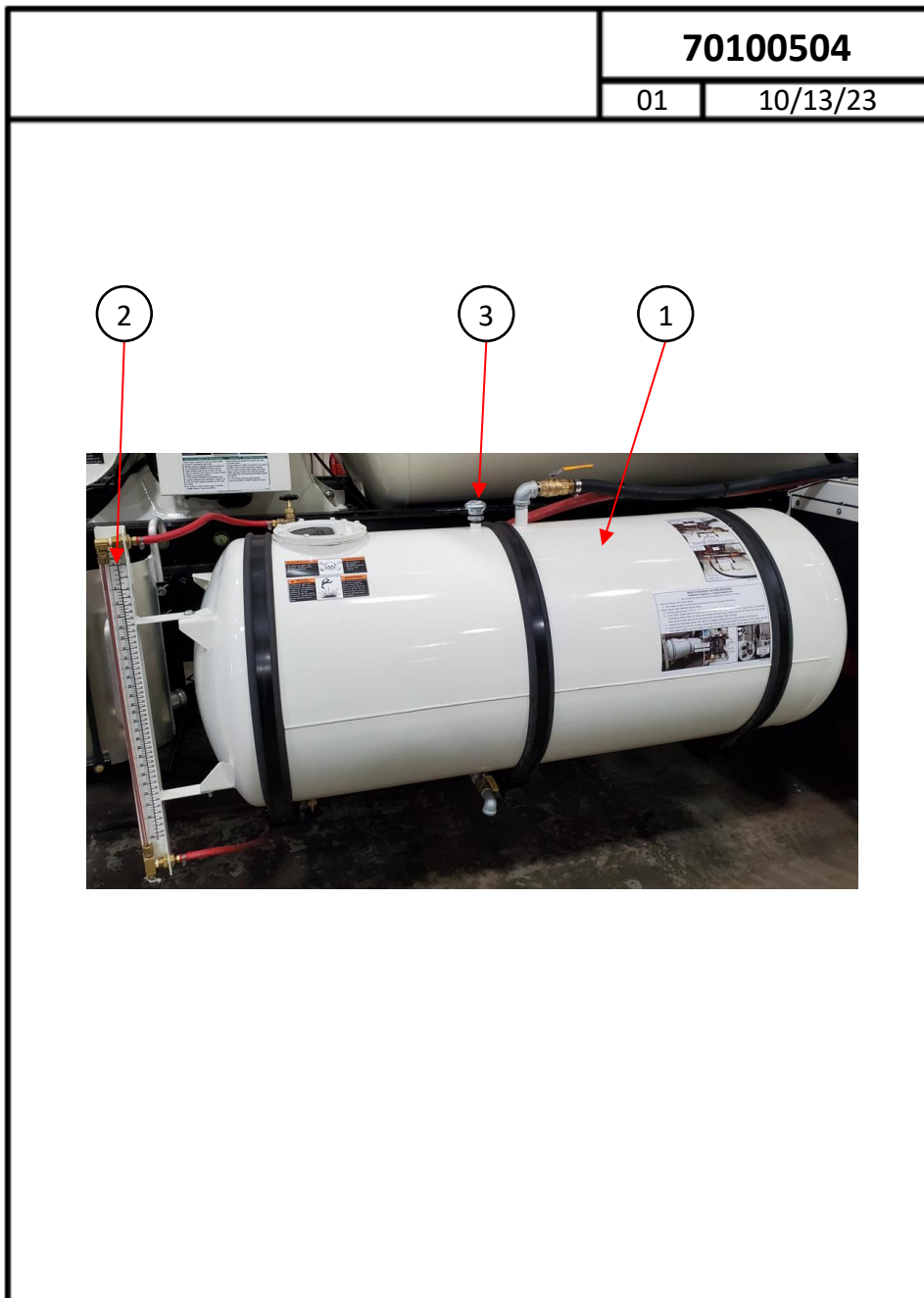
SCHEMATIC HOSE NUMBER	PART NO.	DESCRIPTION	QTY
17	70100021	HOSE-HYD-8/8-4000 PSI-206.00"	1
18	70100022	HOSE-HYD-6/6-4000 PSI-198.00"	1
20	70100019	HOSE-HYD-6/6-4000 PSI-37.50"	1
21	98431708	HOSE-HYD-6/6-4000 PSI-66.00"	1
22	70102200	HOSE-HYD-8/8-4000 PSI-190.00"	1
19, 23	70100598	HOSE-HYD-8/8-4000 PSI-36.00"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

NOTE: SEE SECTION 12.1 FOR HOSE IDENTIFICATION ON SCHEMATIC

5 WATER

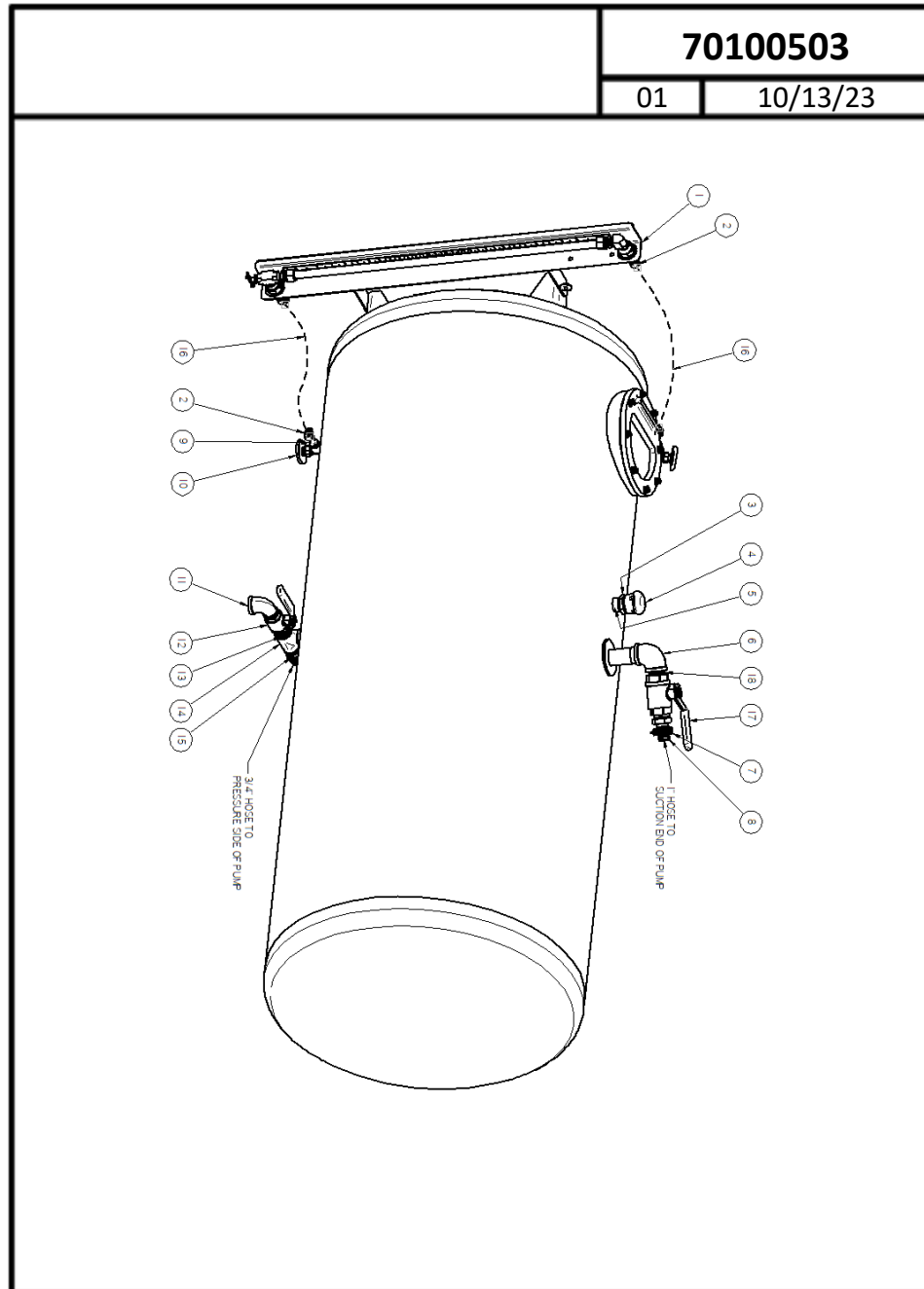
5.1	70100504 – ASSY, TANK, 150 GAL. RECIRCULATION	5-74
5.1.1	70100503 KIT, TANK FITTINGS, RECIRCULATE	5-75
5.2	70100500 – AUTO WASH DOWN, RECIRC.....	5-77
5.2.1	70100502 – ASSY, RECIRULATION PUMP	5-79
5.2.2	98443397 – ASSY, ICT WASHOUT FRONT PEDESTAL	5-82
5.2.3	98443453 – ASSY, REAR PEDESTAL WASHOUT.....	5-86
5.2.4	98432689 – HARNESS WASHOUT VALVES, WASHOUT..	5-101
5.2.5	98432690 – HARN WASH CYCLE SWITCH, WASHOUT ...	5-102
5.2.6	98432691 – HARNESS PUMP AIR VALVE, WASHOUT	5-103
5.2.7	98432692 – HARNESS PLC POWER, WASHOUT	5-104
5.3	98364276 – ASSY, SIDE MOUNT 150 & 125	5-105
5.4	70100901 – ASSY, DISCHARGE WASHOUT HOSE MOUNT	5-107
5.5	70101634 – ASSY, BYPASS.....	5-108
5.6	70101641 – ASSY, HOSE SUPPORT	5-111

5.1 70100504 – ASSY, TANK, 150 GAL. RECIRCULATION



ITEM	PART NO.	DESCRIPTION	QTY
1	30389438	WATER TANK ASSY 150 GAL. SS	1
2	30389441	DECAL – PLT, WATER LEVEL 150 GAL	1
3	70100503	KIT, TANK FITTINGS, RECIRCULATE	1

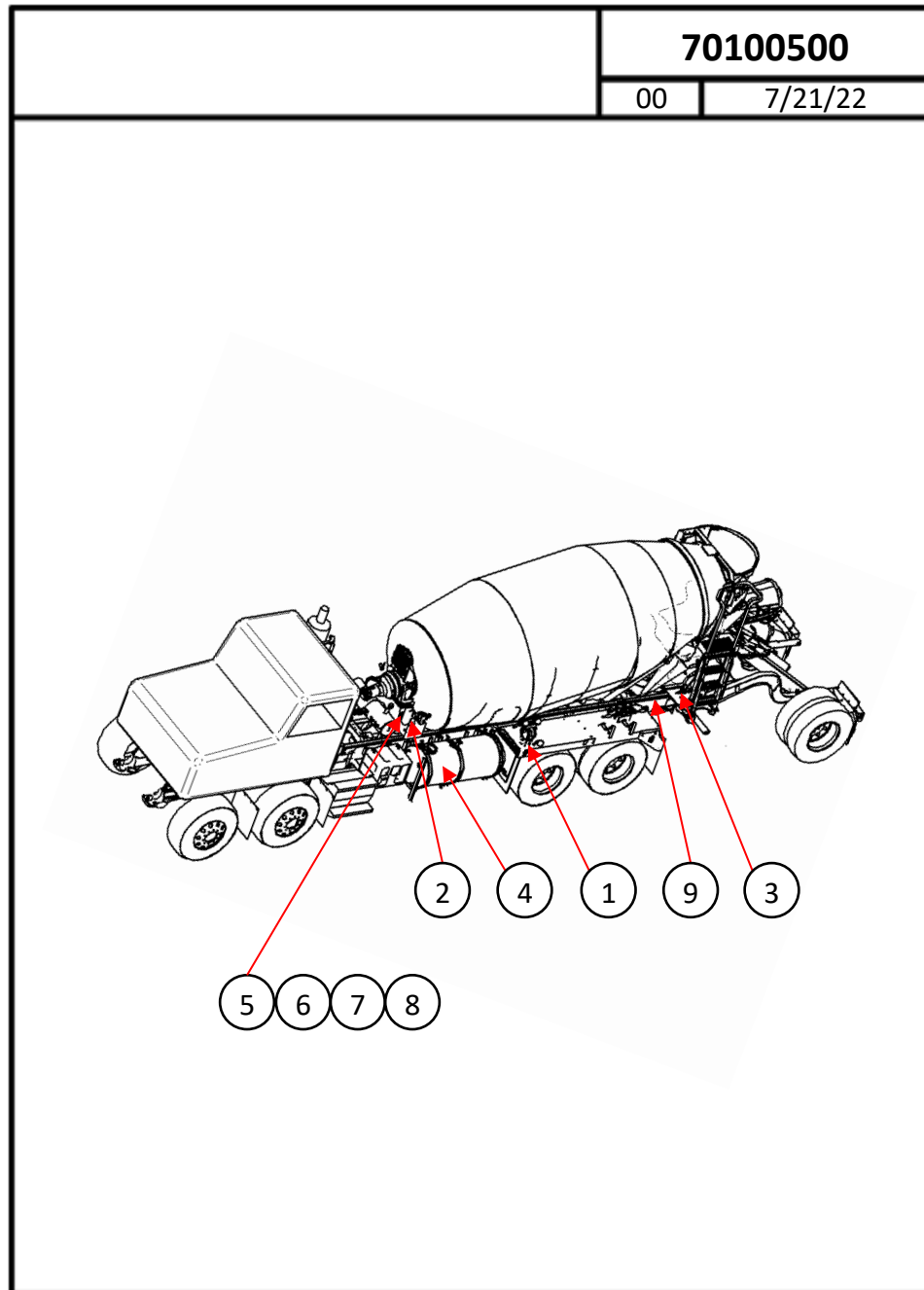
5.1.1 70100503 KIT, TANK FITTINGS, RECIRCULATE



WATER

ITEM	PART NO.	DESCRIPTION	QTY
1	98362383	ASSY - GAUGE, WATER TANK	1
2	30303643	CLAMP - HYD, WORM GEAR 3/8"-7/8"	4
3	98425738	FITTING -HEX BUSH 1"X1/2" NPT GALVANIZED	1
4	98366649	BREATHER - VENT CAP, 1"NPT FEMALE, WATER	1
5	30314335	NIPPLE CLOSE 1/2" NPT	1
6	30330859	ELBOW, 90 DEG. 1" FNPT	1
7	30302180	CLAMP - HYD, T-BOLT 11/16"-1 1/4"	2
8	30389225	1" NPT X 1" HOSE BARB	1
9	30389217	BARBED HOSE FITTING-3/8"NPT X 3/8" BARB	2
10	30389223	VALVE, SHUT-OFF	2
11	30334927	ELBOW - 90° STREET, 3/4 NPT -150PSI GALV	1
12	30303372	BALL VALVE 3/4" NPT	1
13	30303371	FITTING-WATER, CLOSE NIPPLE 3/4" X 1-3/8"	2
14	30303369	FITTING, WATER, TEE 3/4" GALVANIZED	1
15	30301976	FITTING, 3/4" MNPT X 3/4" BARBED HOSE	1
16	30358631	HOSE , 3/8" 200 PSI RED, BULK	1
17	30315395	1 IN BRASS BALL VALVE	1
18	30315394	FITTING, CLOSE NIPPLE 1" MNPT	1

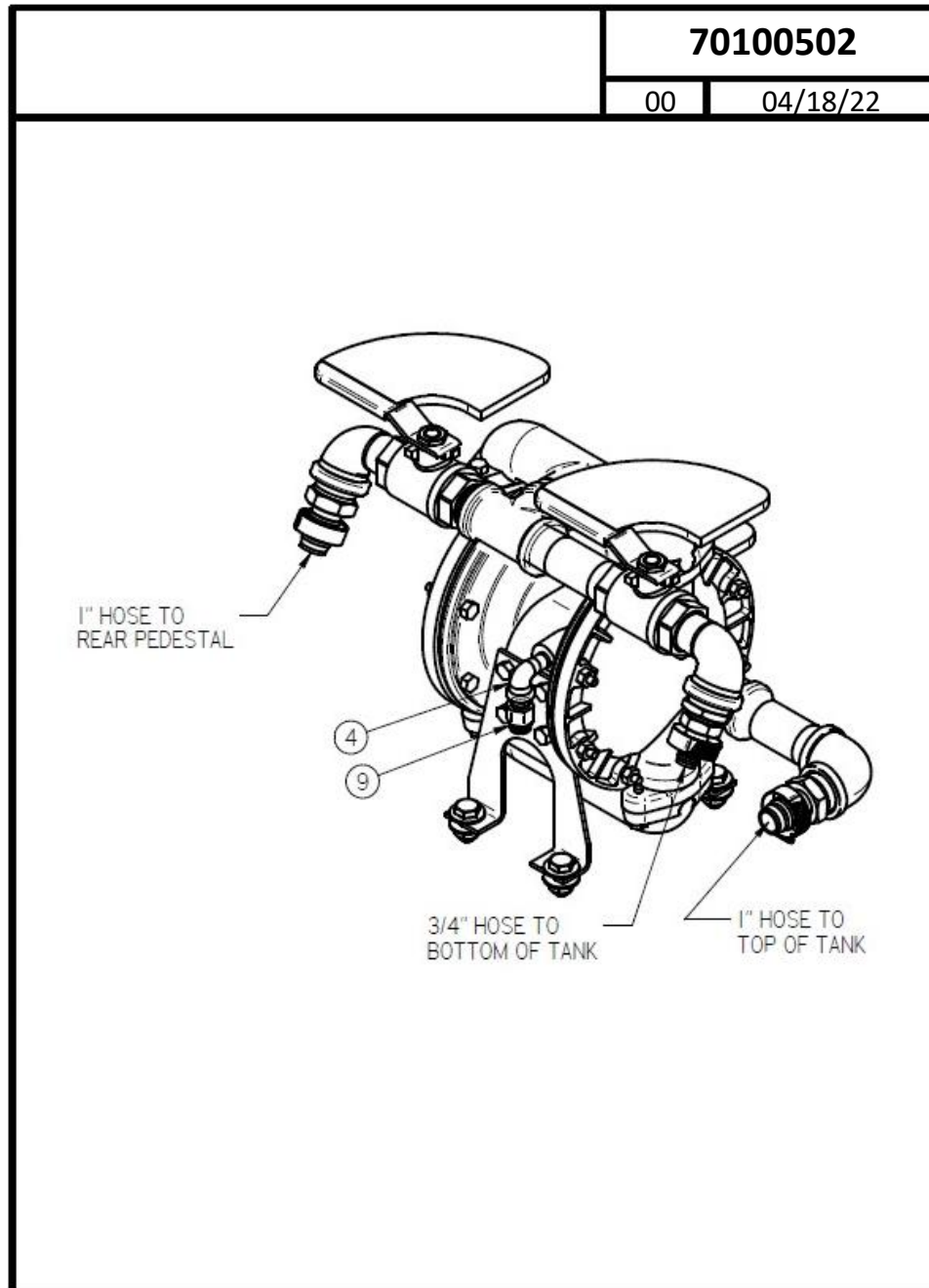
5.2 70100500 – AUTO WASH DOWN, RECIRC.

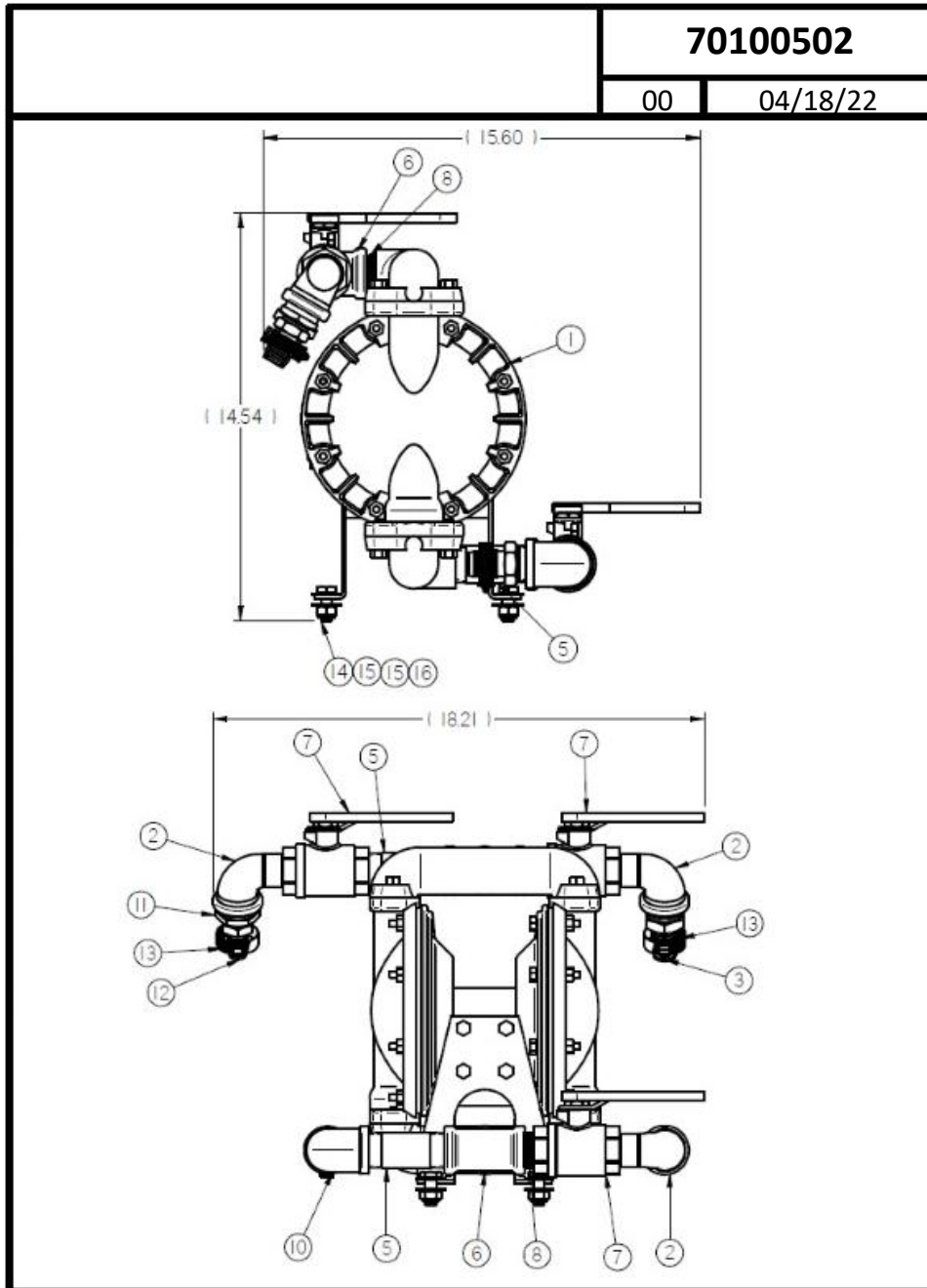


WATER

ITEM	PART NO.	DESCRIPTION	QTY
1	70100502	ASSY, RECIRULATION PUMP	1
2	98443397	ASSY, ICT WASHOUT FRONT PE	1
3	98443453	ASSY, REAR PED. ICT WASHOUT	1
4	98425737	DECAL - EXCESSIVE AIR PRESSURE	1
5	98432689	HARNESS WASHOUT VALVES, WASHOUT	1
6	98432690	HARNESS WASH CYCLE SWITCH, WASHOUT	1
7	98432691	HARNESS PUMP AIR VALVE, WASHOUT	1
8	98432692	HARNESS PLC POWER, WASHOUT	1
9	30301251	HOSE AIR/WATER 3/4" ID 200 PSI	12 FT

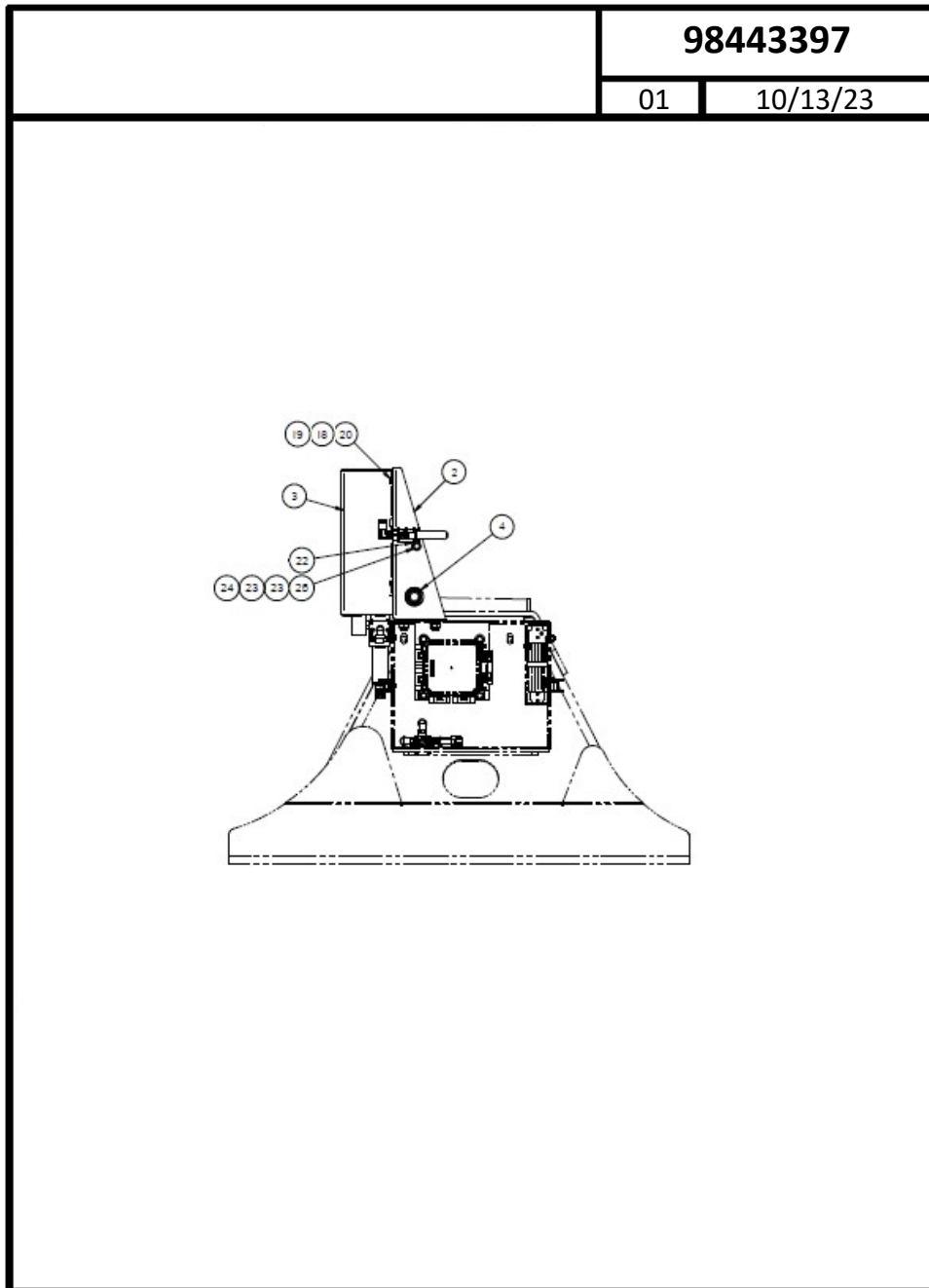
5.2.1 70100502 – ASSY, RECIRCULATION PUMP





ITEM	PART NO.	DESCRIPTION	QTY
1	98369219	PUMP - WATER, DIAPHRAGM, PNEUMATIC	1
2	30314474	FITTING - HYD, ELBOW STREET 1"	3
3	30389225	1" NPT X 1" HOSE BARB	2
4	30347007	FITTING - ELBOW, 1/4" NPT, 90° STREET	1
5	98369220	FITTING -PIPE NIPPLE,1"NPTX4",SCH 40,GAL	3
6	30330858	1" TEE	2
7	30315395	1 IN BRASS BALL VALVE	3
8	30315394	FITTING, CLOSE NIPPLE 1" MNPT	3
9	98421138	FITTING - STR, 3/8" TUBE X 1/4" NPTM - BRASS	1
10	98423397	FITTING - ELBOW 1" PIPE GALVANIZED	1
11	30310678	1"-3/4" BUSHING	1
12	30301976	FITTING, 3/4" MNPT X 3/4" BARBED HOSE	1
13	30302180	CLAMP - HYD, T-BOLT 11/16"-1 1/4"	3
14	10001859	SCREW ISO 4017 M 10 X 25-8.8-VZD	4
15	10129840	SCREW RETAINER SKM 12-GT320	8
16	10001283	NUT DIN 985 M 10-8-VZD	4

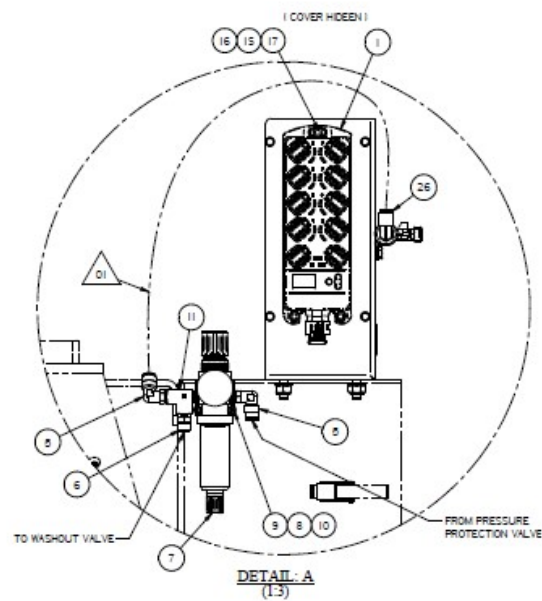
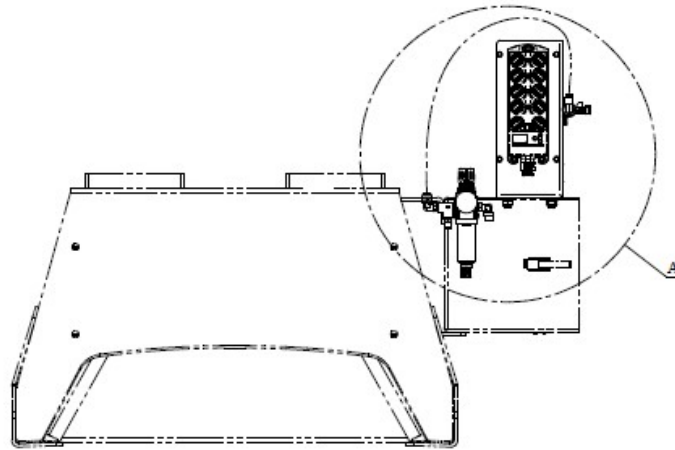
5.2.2 98443397 – ASSY, ICT WASHOUT FRONT PEDESTAL

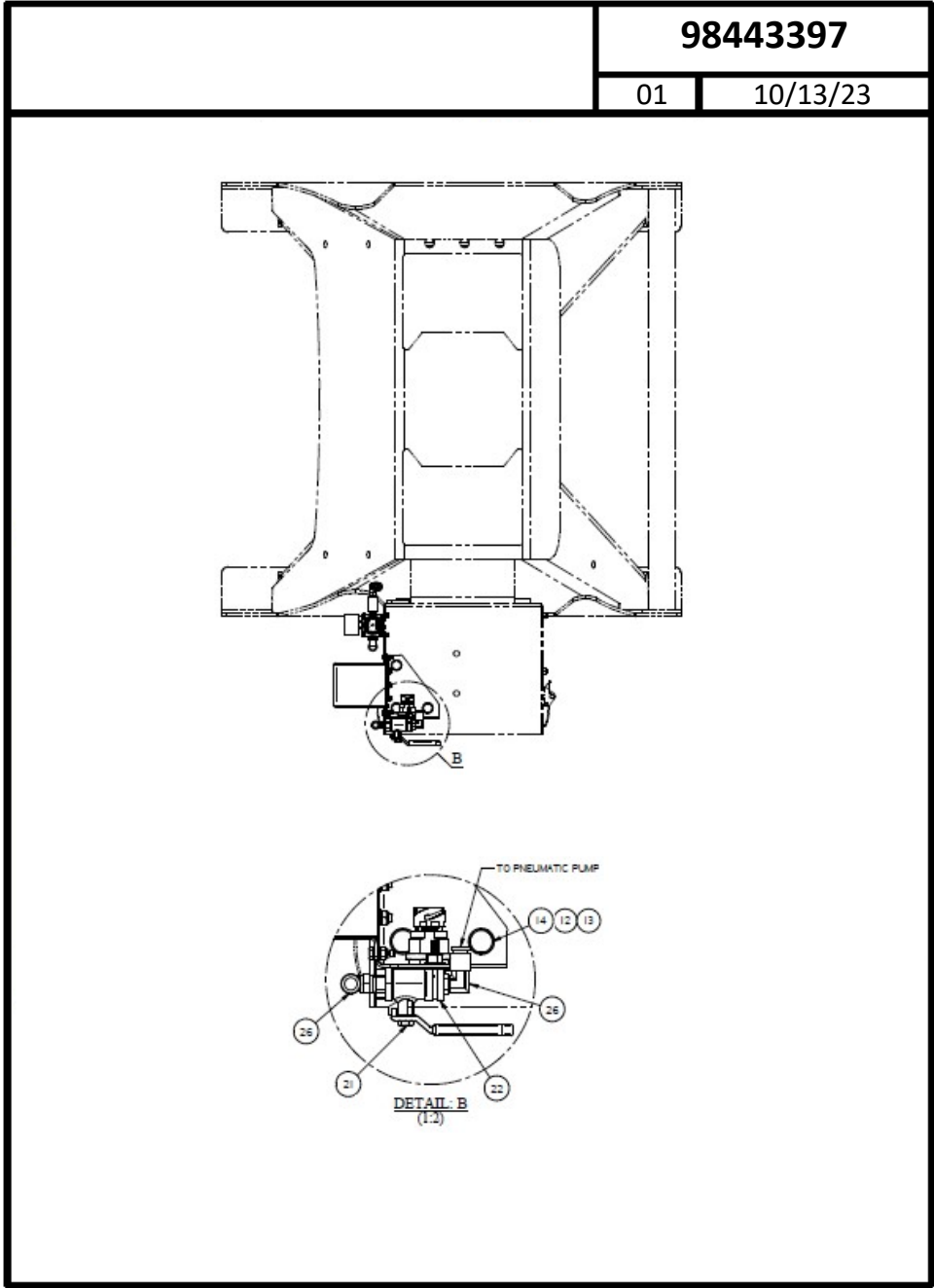


98443397

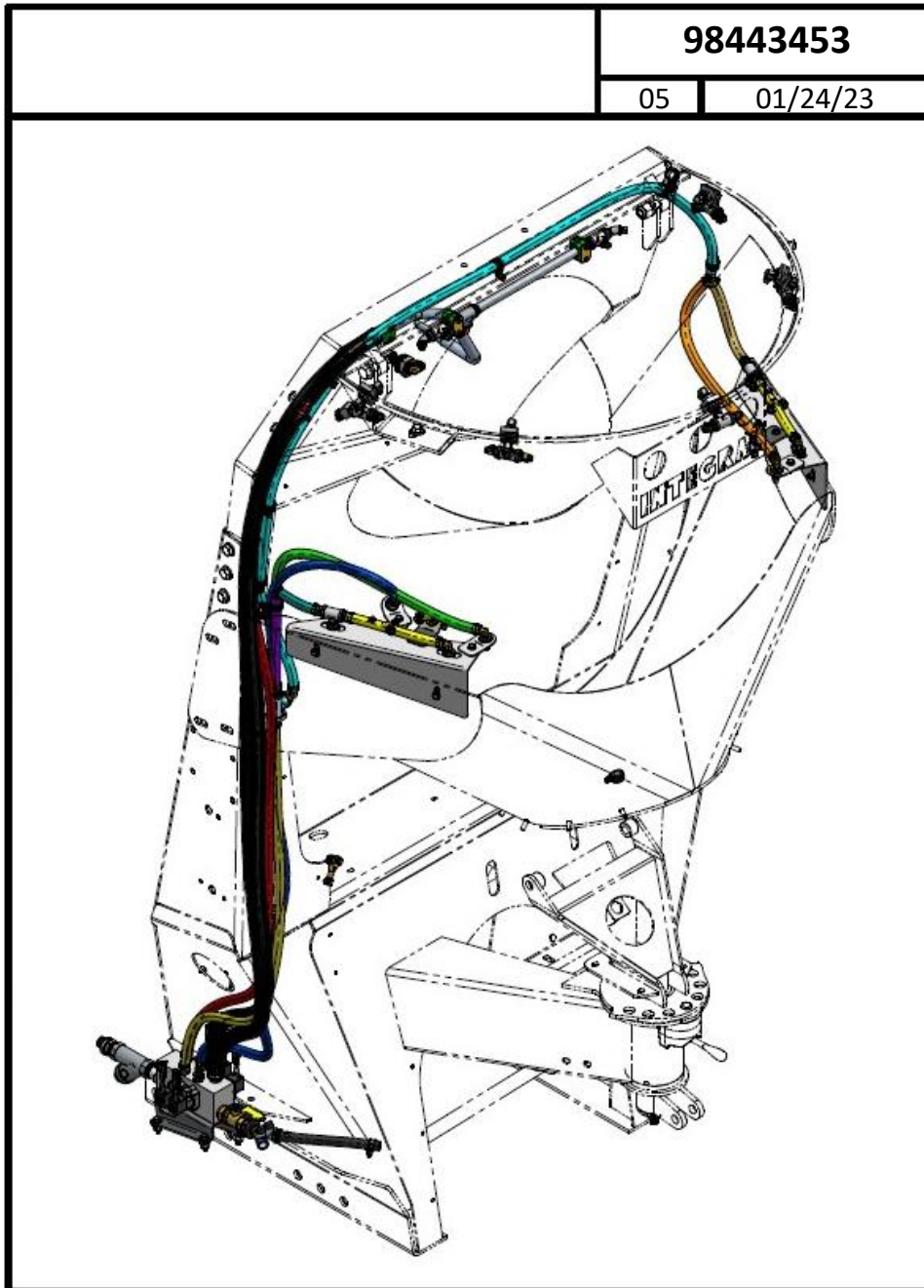
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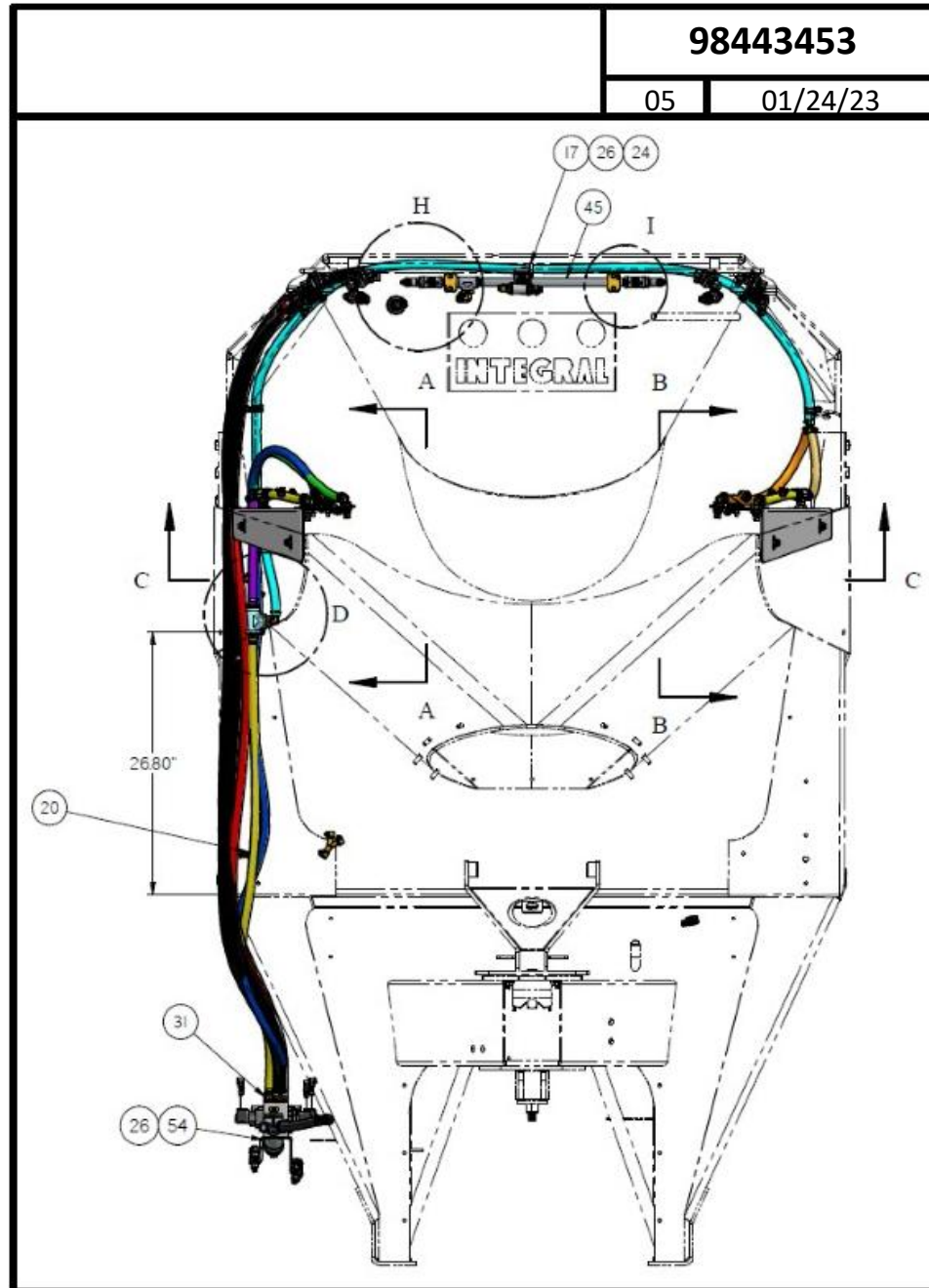
10/13/23





ITEM	PART NO.	DESCRIPTION	QTY
1	98419492	PLC/IO MODULE 8IN/8OUT W/DEUTSCH	1
2	98434462	BRACKET-EXPANSION MODULE	1
3	98432626	COVER - EXPANSION MODULE	1
4	98423088	PUSHBUTTON BLACK, CPL.	1
5	98336171	FITTING - 3/8" 90° SWIVEL AIR DOT	2
6	98389428	FITTING - AIR, 1/4 TUBE X 1/4 NPTM - BRASS	1
7	30359402	REGULATOR - PNEUMATIC, 0-160 PSI, 1/4NPT	1
8	10145911	SCREW RETAINER SKM 4-GT320	2
9	10001550	SCREW DIN 912 M 4 X 45-8.8-VZD	2
10	10069699	NUT DIN 985 M 4-A2-70	2
11	30357578	FITTING - STREET TEE, 1/4" NPT - BRASS	1
12	10011143	WASHER DIN 125 B 10.5-140HV-VZD	6
13	10001283	NUT DIN 985 M 10-8-VZD	3
14	10001859	SCREW ISO 4017 M 10 X 25-8.8-VZD	3
15	10011106	WASHER DIN 125 B 6.4-140HV-VZD	3
16	10011985	NUT DIN 985 M 6-8-A2C	3
17	10001575	SCREW DIN 912 M 6 X 20-8.8-VZD	3
18	98432854	WASHER DIN 125 B 5.3-140HV-A2C	8
19	10069700	NUT DIN 985 M 5-A2-70	4
20	10001740	SCREW ISO 4017 M 5 X 16-8.8-VZD	4
21	30386890	VALVE - BALL 1/4" FNPT 125 PSI BRASS 1/4	1
22	30359465	HARN - CLAMP, 3/4" ZP FULLY CUSHIONED	1
23	30303735	WASHER, FLAT, 1/4" USS, ZP	2
24	30334582	NUT - LOCK 1/4"-20 NC NYLON INSERT	1
25	30302132	SCREW, HHCS, 1/4-20 X 1.00" GR 5 FE/ZN	1
26	30351528	FITTING, EL 90 DEG 3/8" X 1/4" NPT NON SWIVEL	2
27	30305009	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 W	3 FT

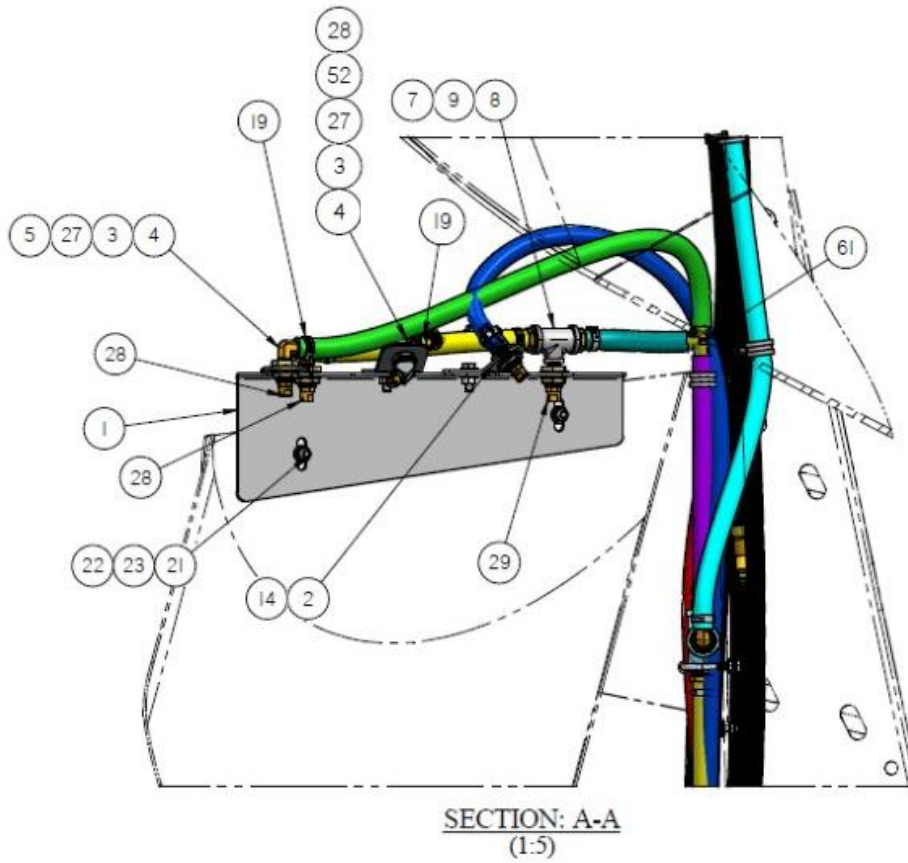
5.2.3 98443453 – ASSY, REAR PEDESTAL WASHOUT



98443453

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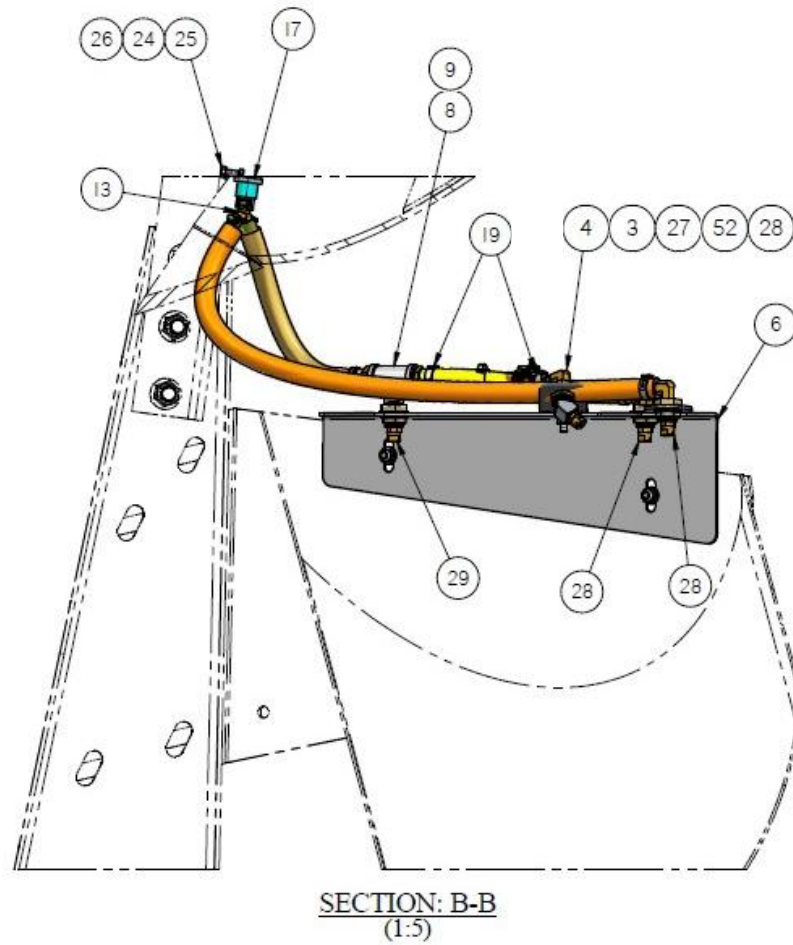
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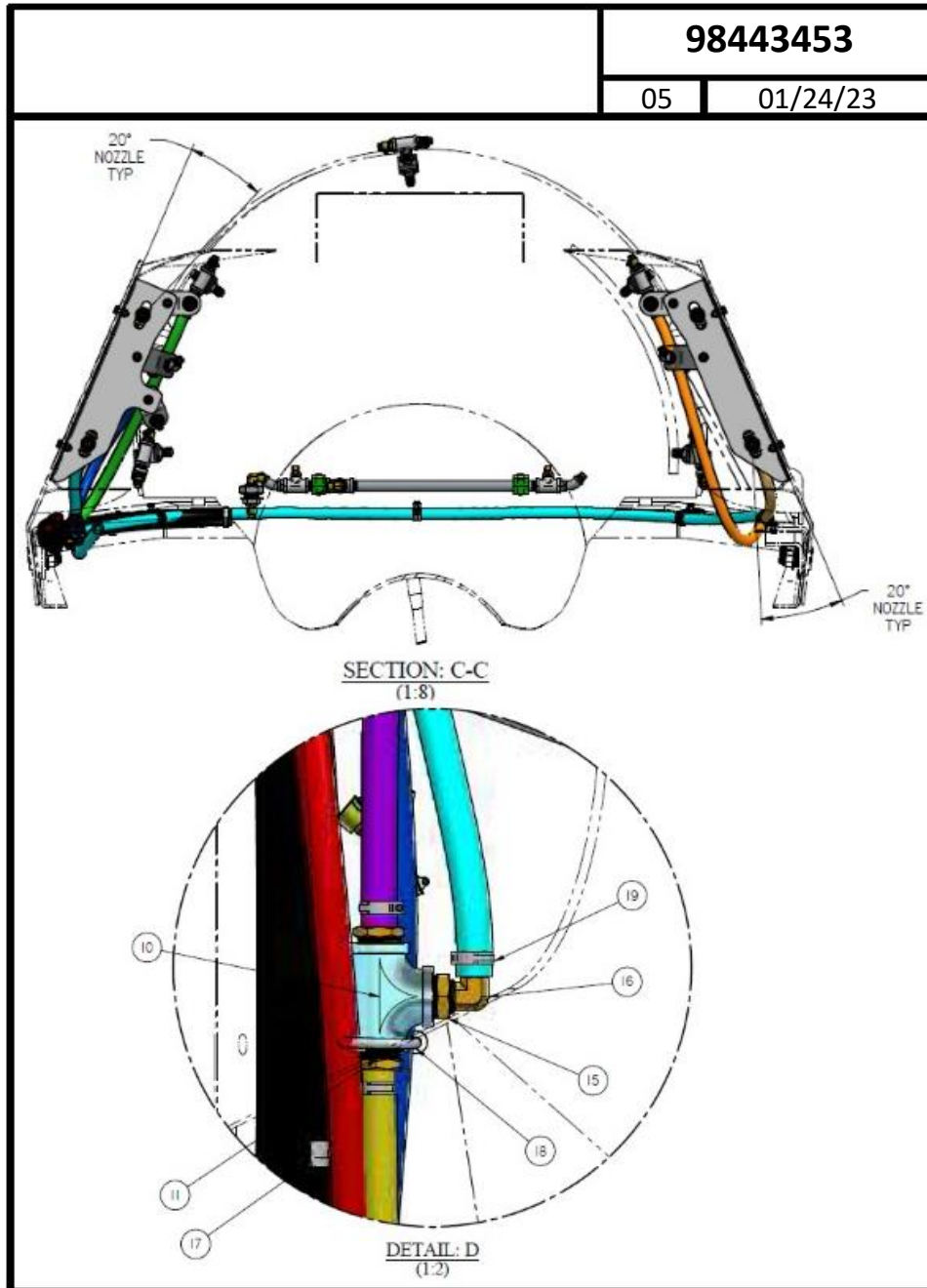


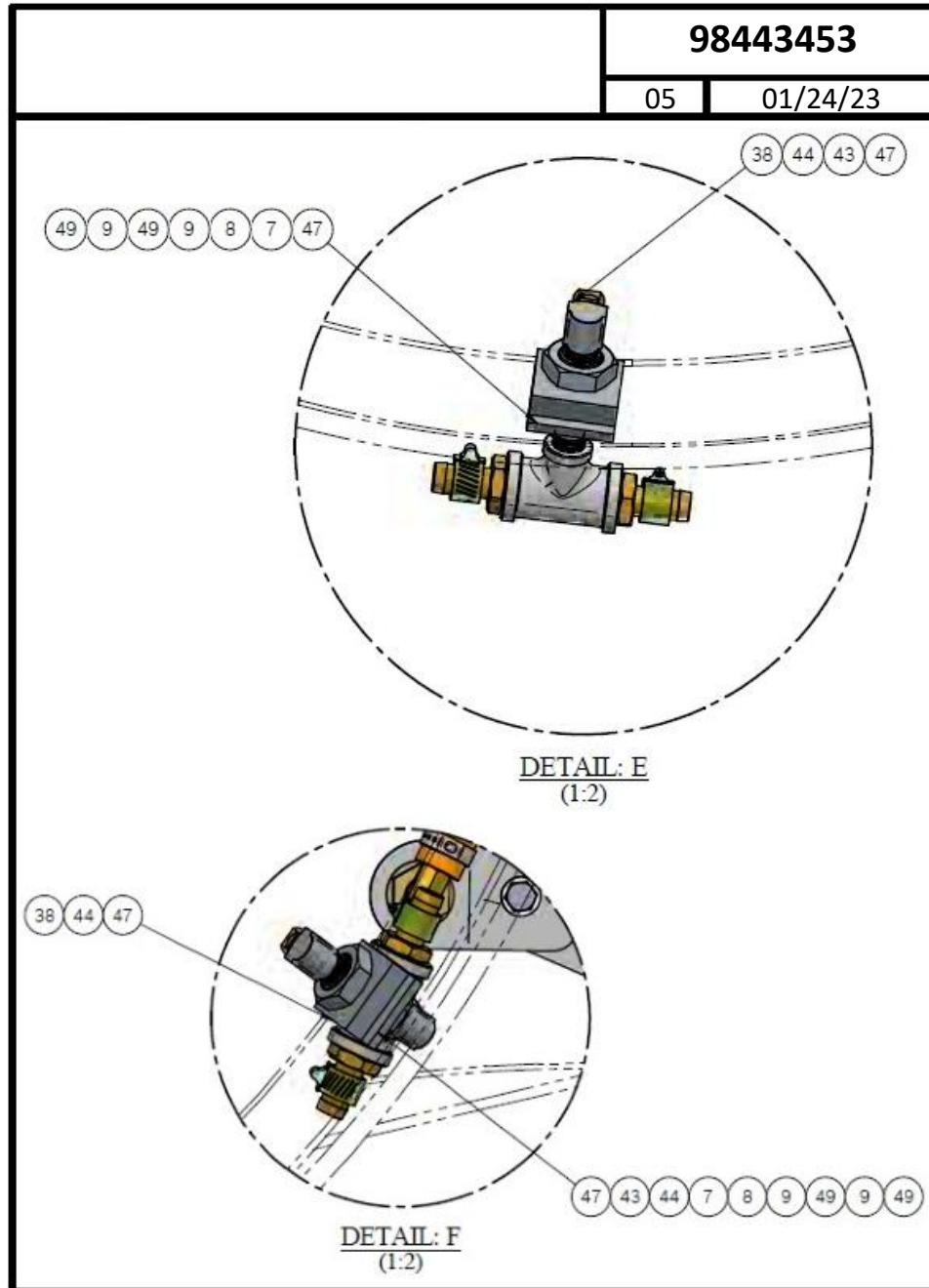
98443453

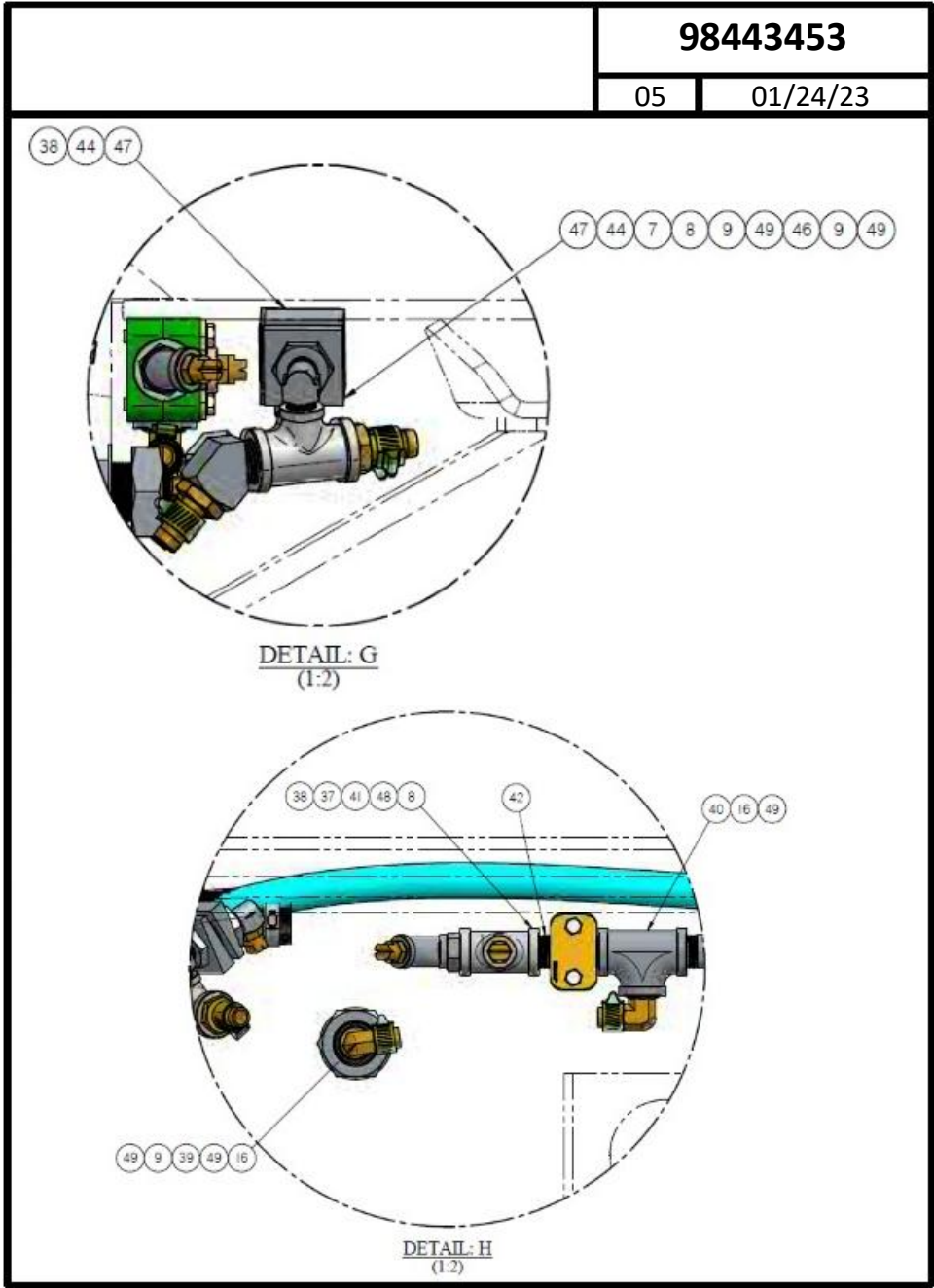
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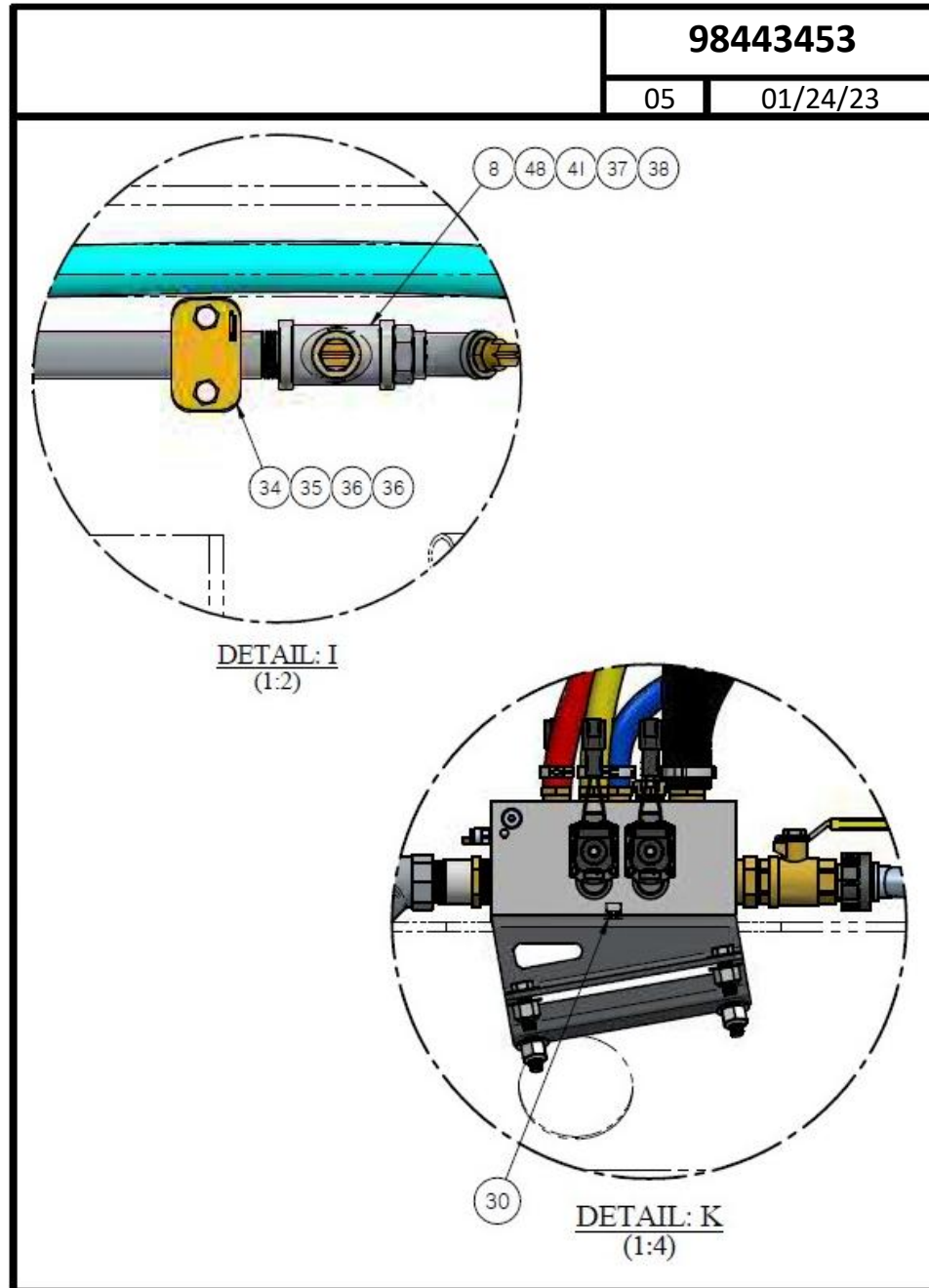
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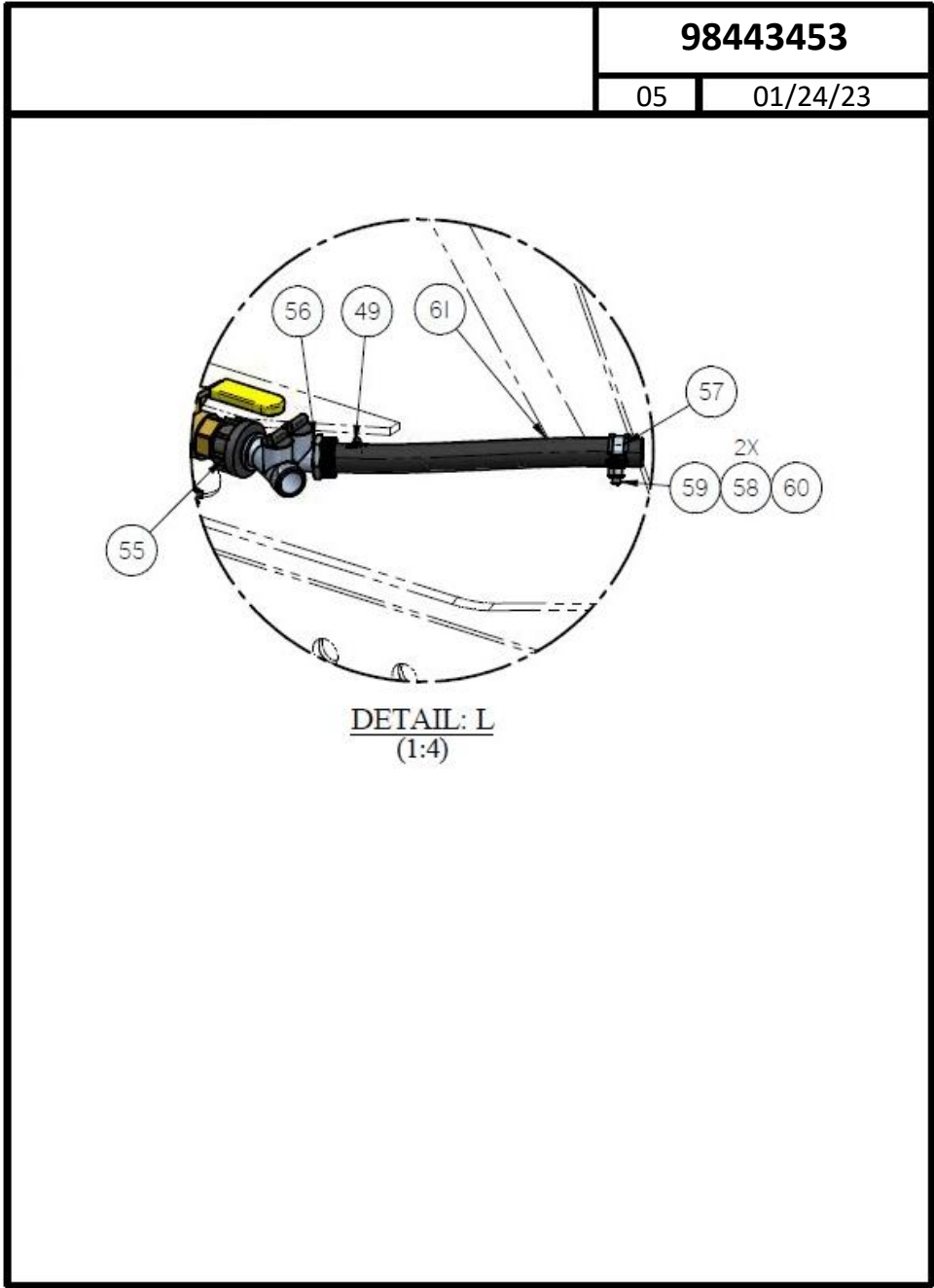








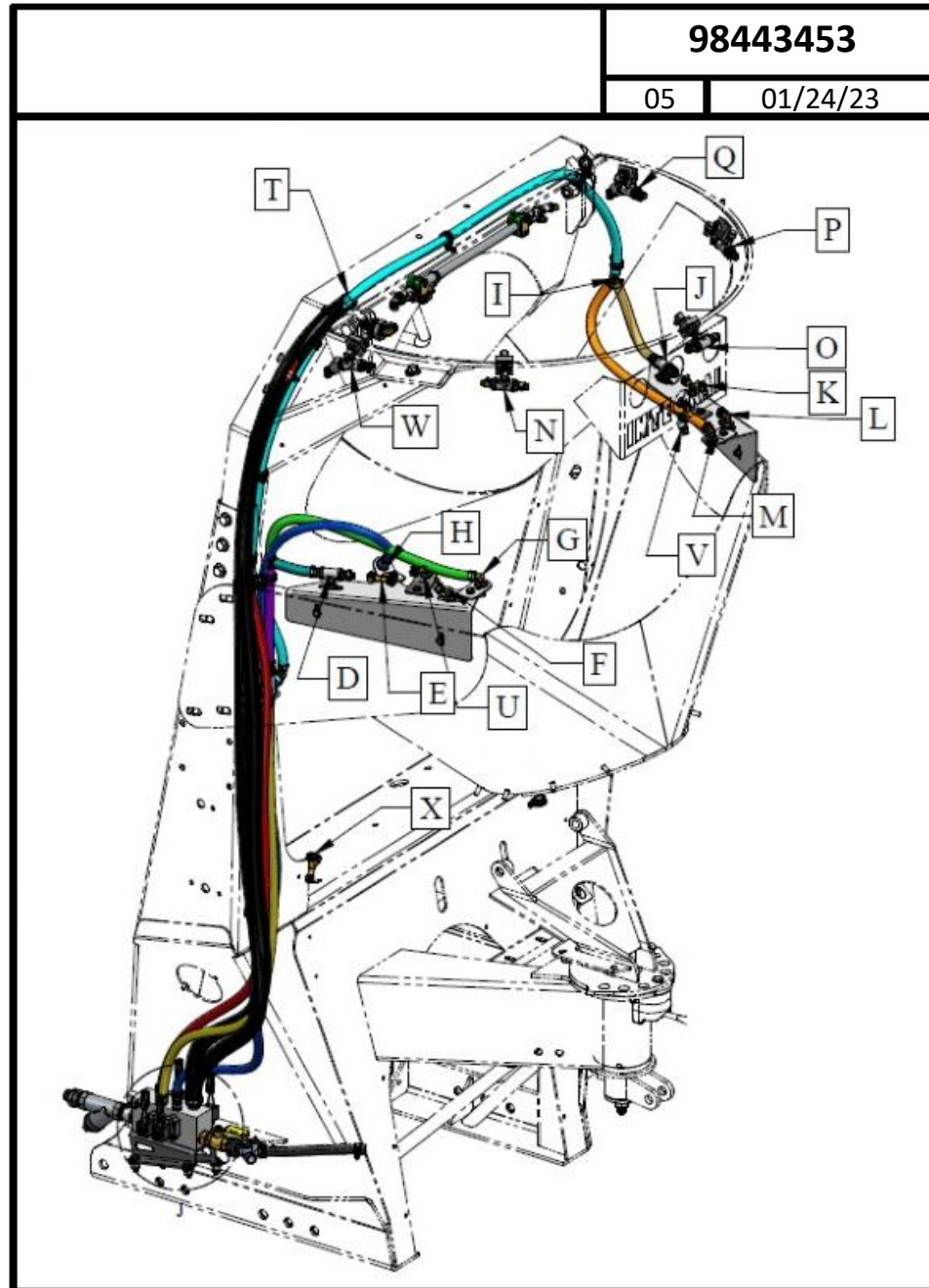


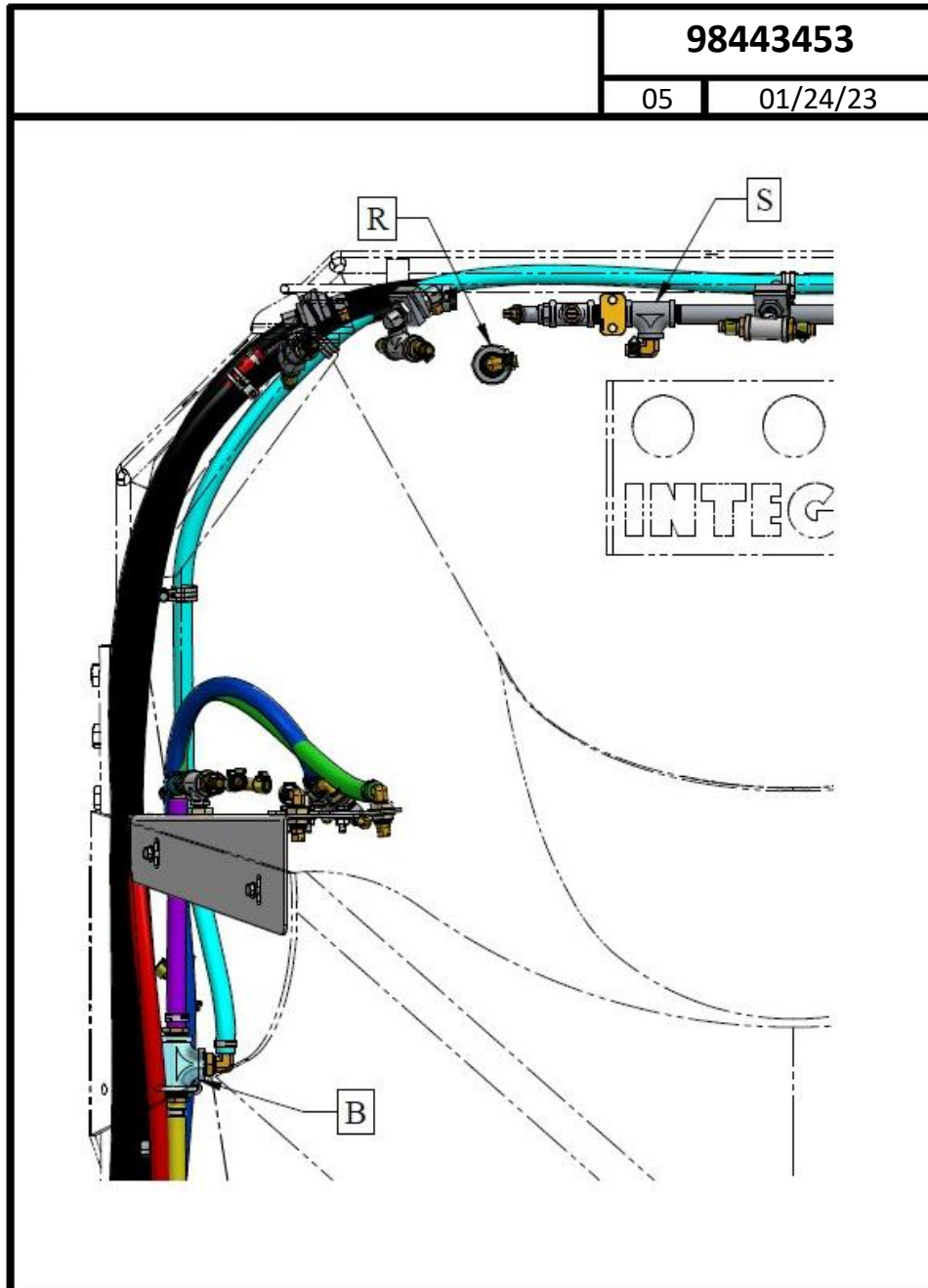


ITEM	PART NO.	DESCRIPTION	QTY
1	98423156	BRACKET - MAIN LH WASHOUT NOZZLE	1
2	98423180	BRACKET - DRUM FIN WASHOUT NOZZLE	1
3	98423249	FITTING - BULKHEAD 1/4" NPT BRASS	9
4	98423244	FITTING - HOSE BARB 1/2" HOSE 1/4" NPT	6
5	98424551	BRACKET - HOPPER WASHOUT NOZZLE	2
6	98423157	BRACKET - MAIN RH WASHOUT 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

WATER

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

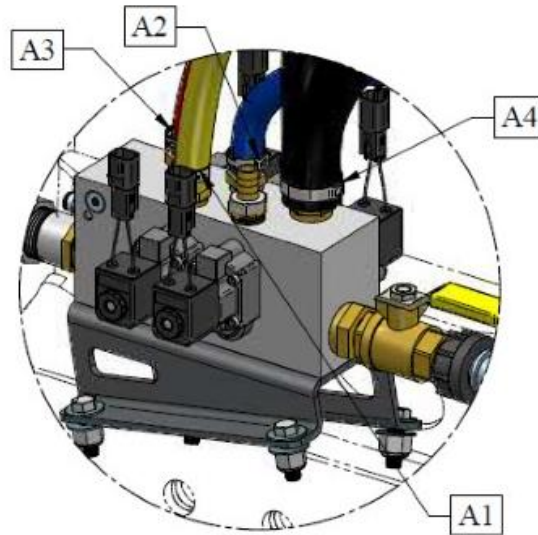
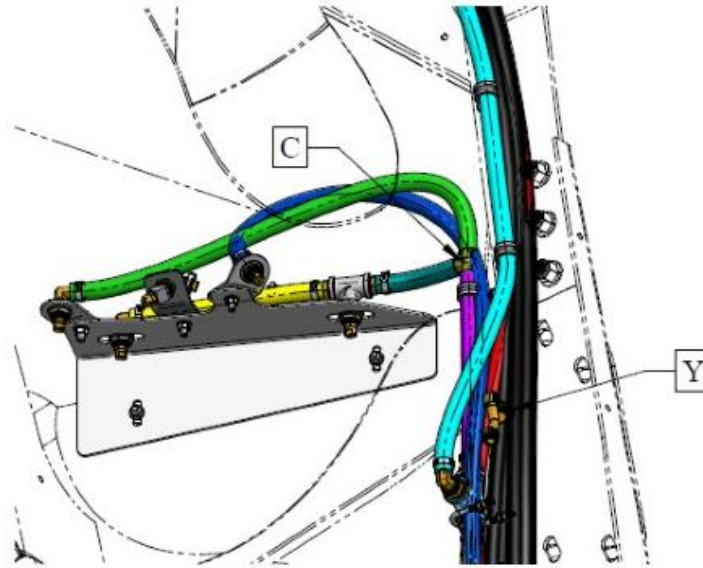




98443453

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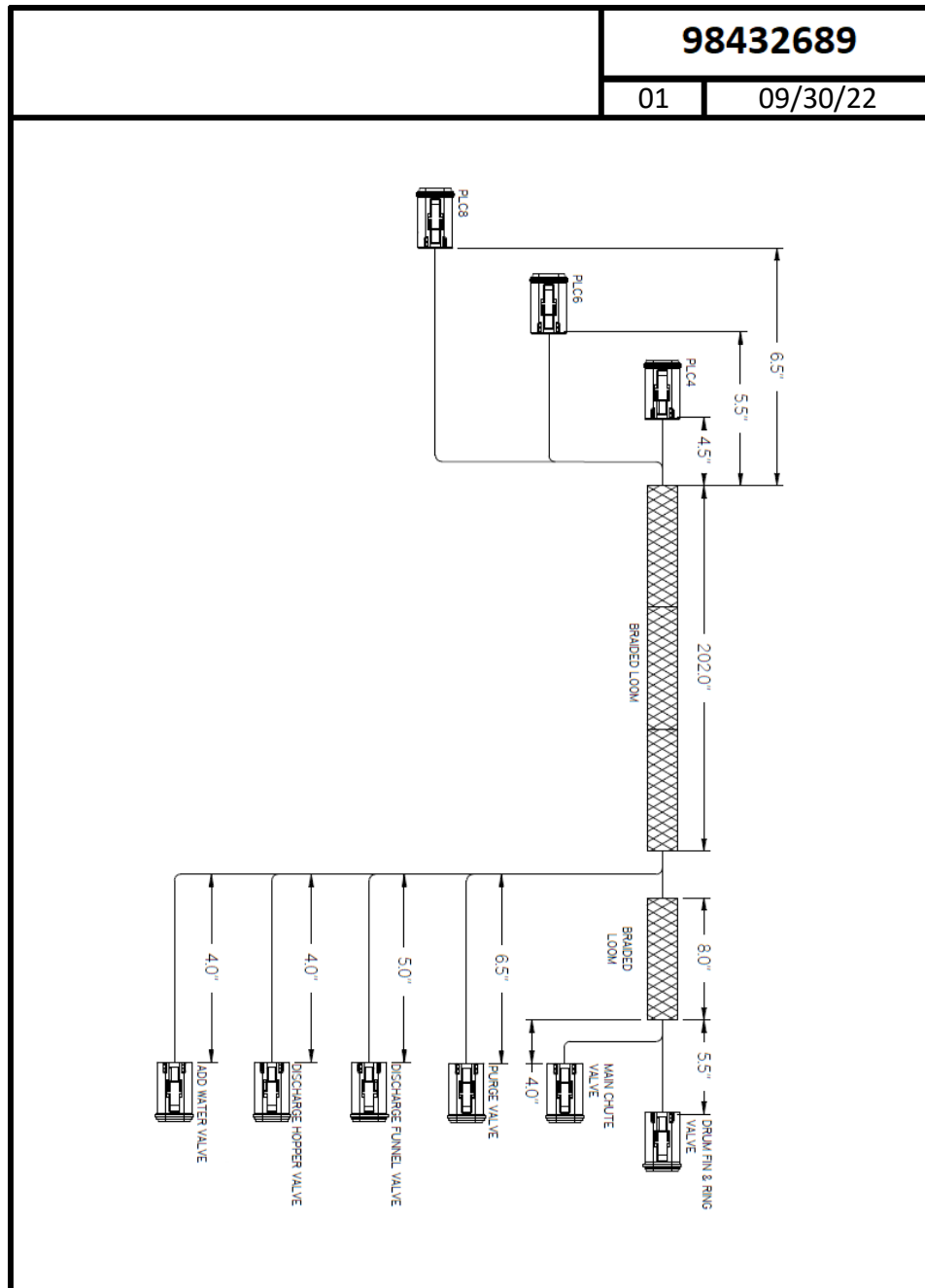


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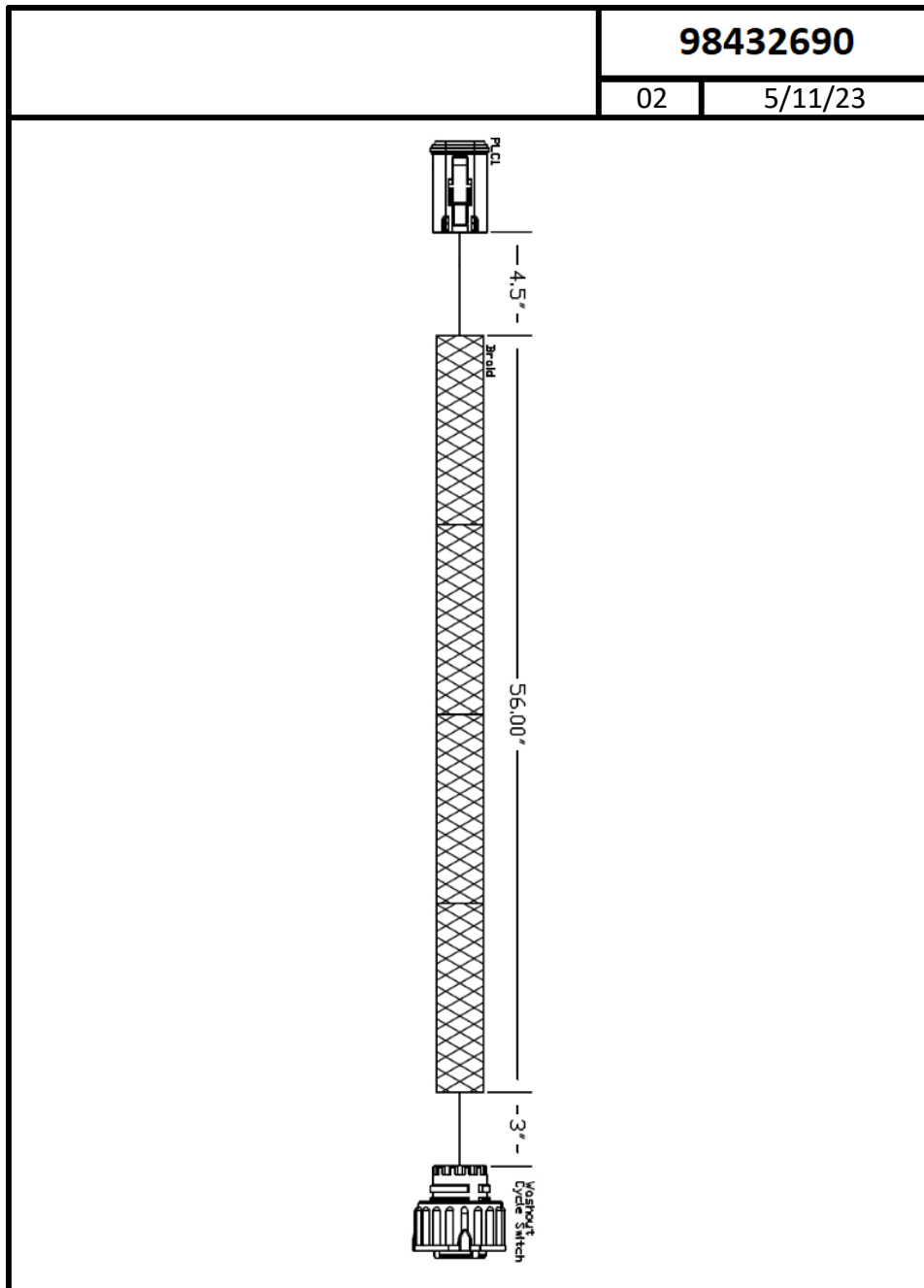
5.2.3.1 98443453 - ROUTING

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

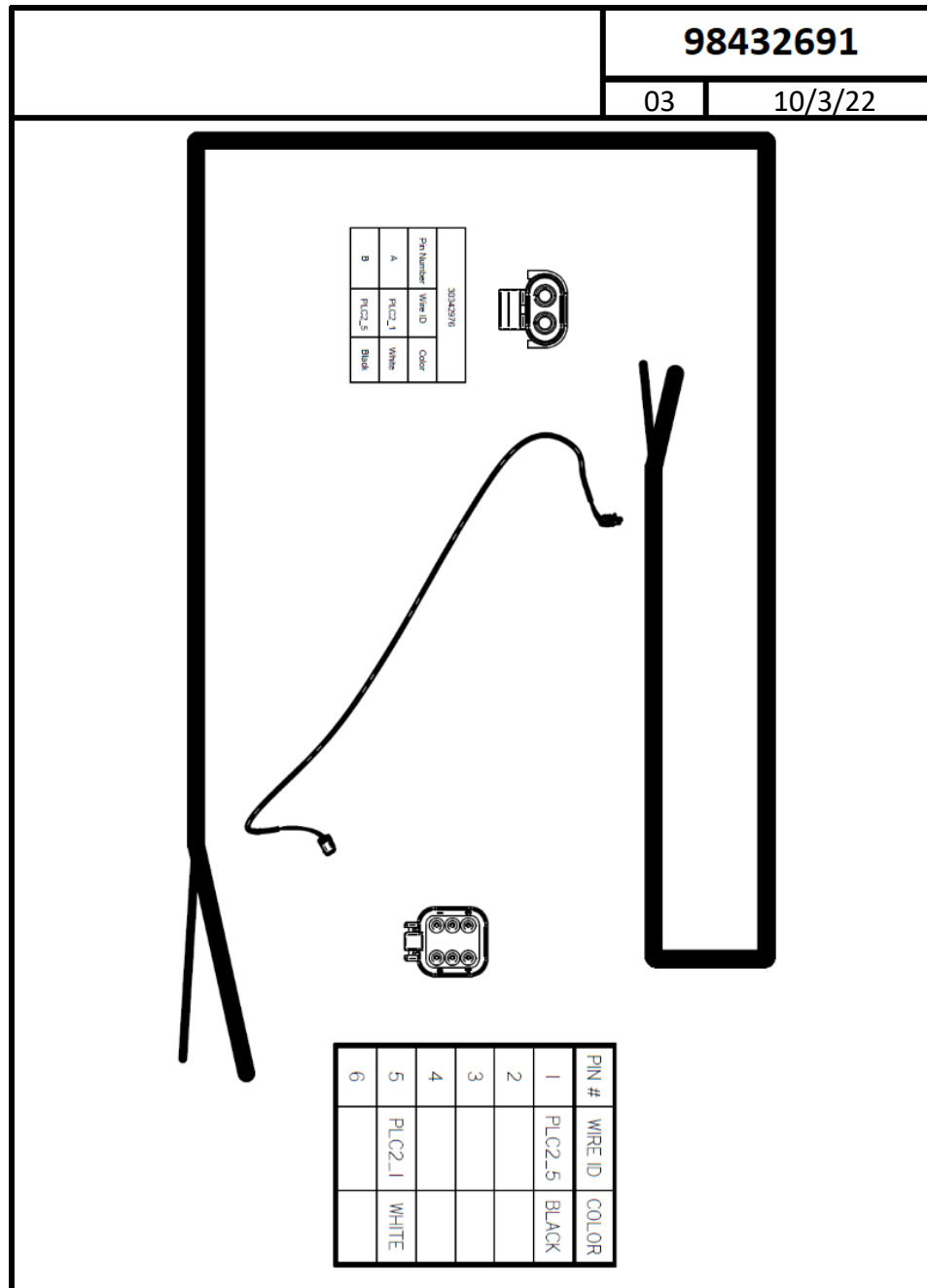
5.2.4 98432689 – HARNESS WASHOUT VALVES, WASHOUT



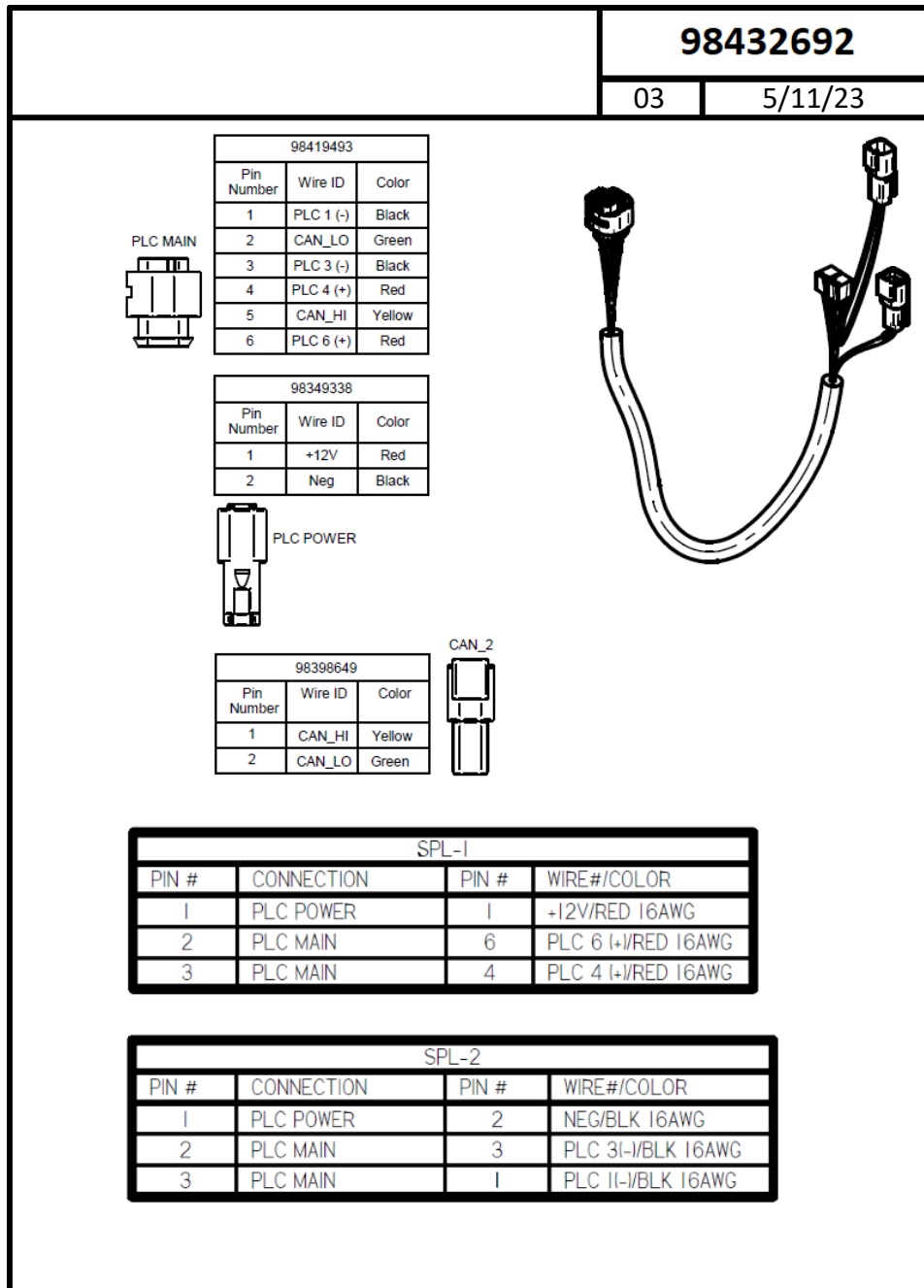
5.2.5 98432690 – HARNESS WASH CYCLE SWITCH, WASHOUT



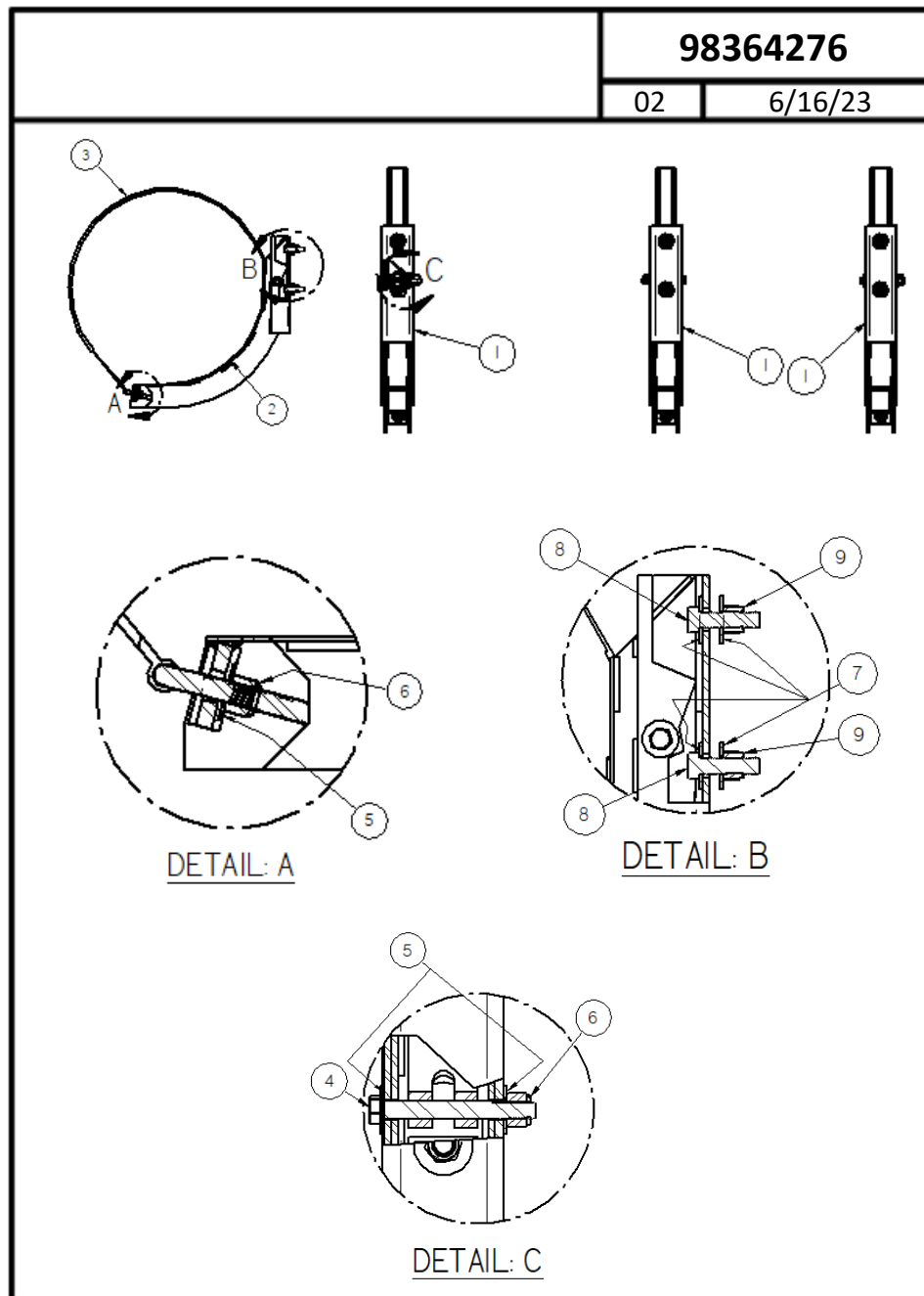
5.2.6 98432691 – HARNESS PUMP AIR VALVE, WASHOUT



5.2.7 98432692 – HARNESS PLC POWER, WASHOUT



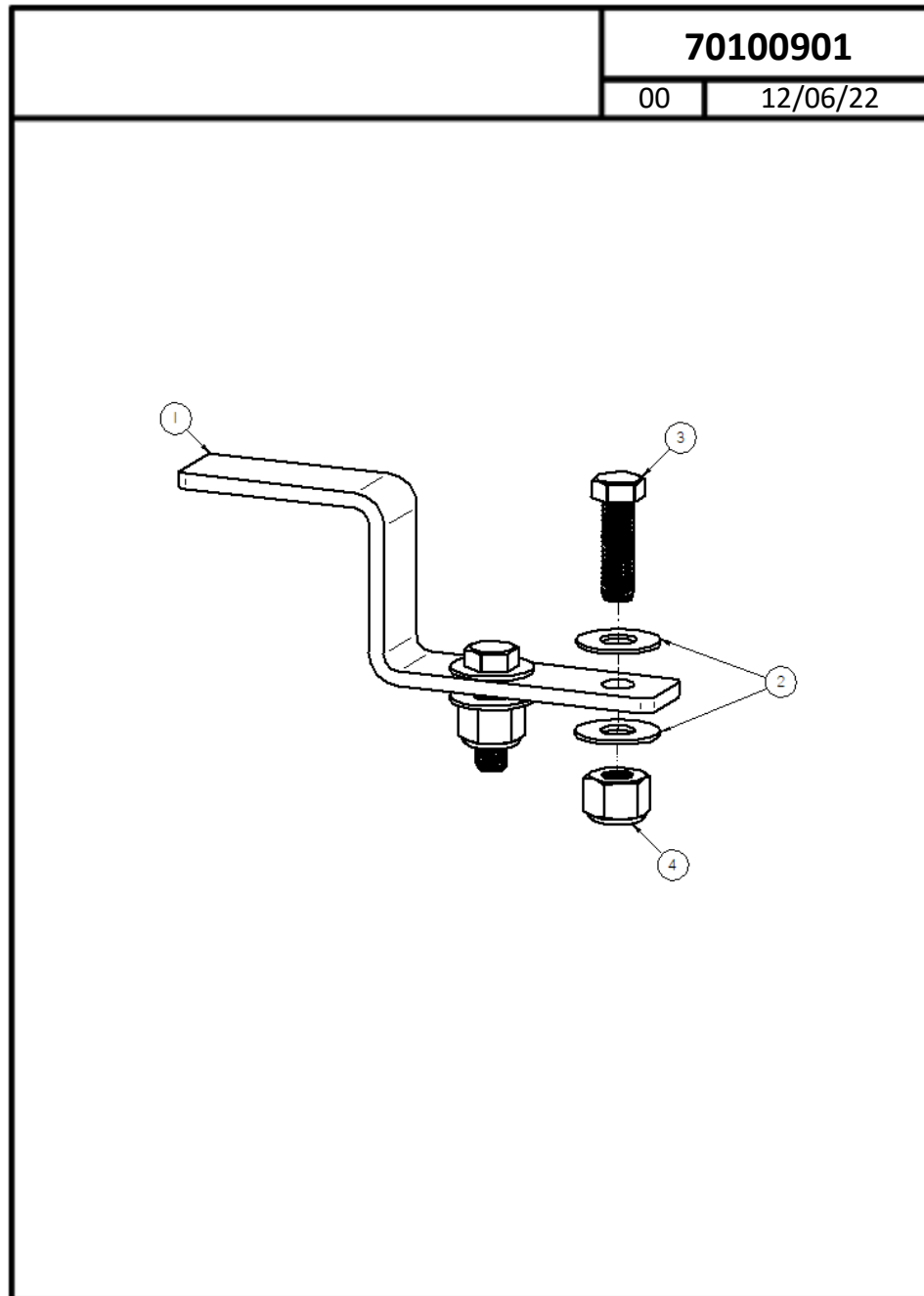
5.3 98364276 – ASSY, SIDE MOUNT 150 & 125



WATER

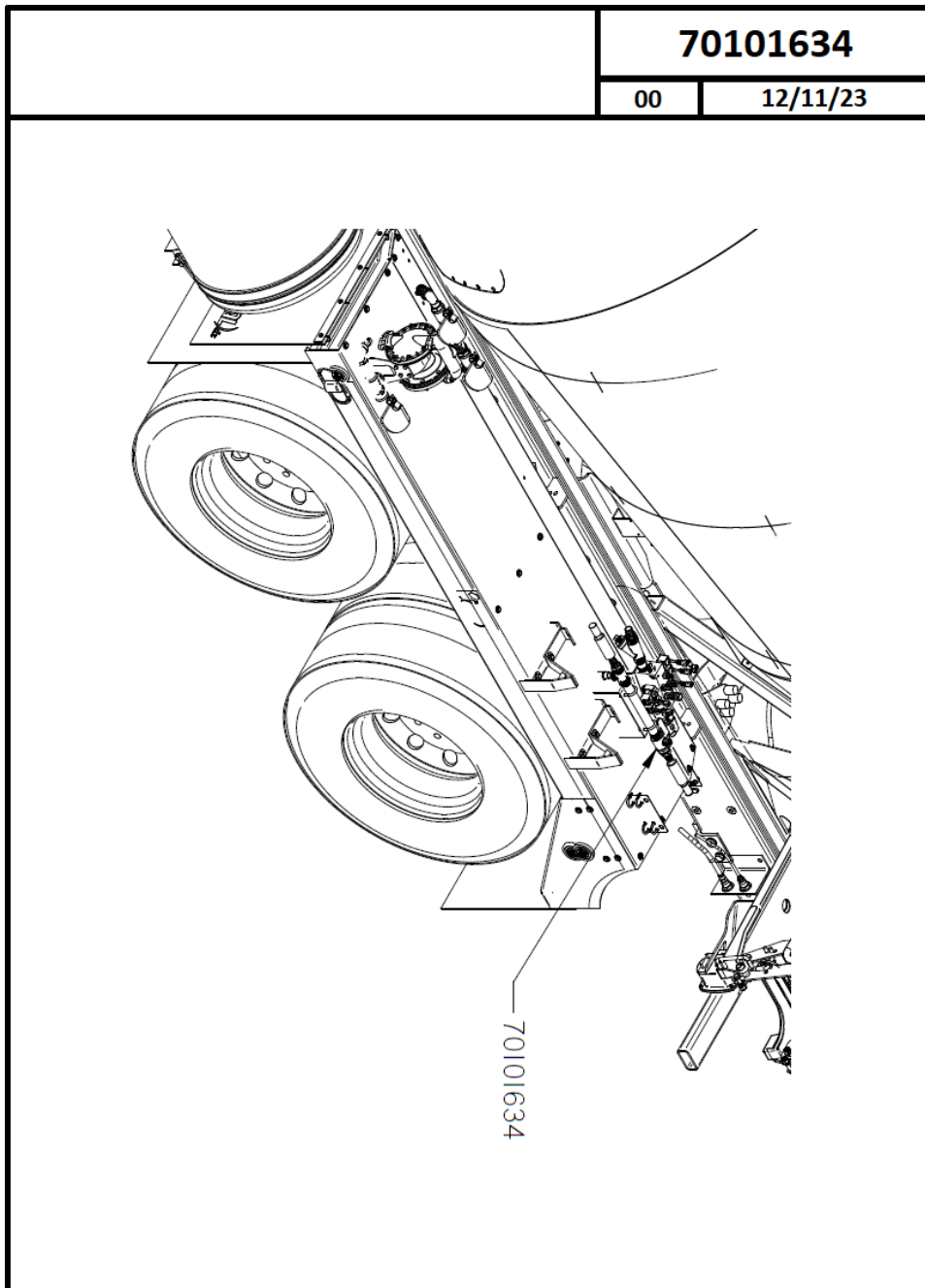
ITEM	PART NO.	DESCRIPTION	QTY
1	30386535	WATER TANK BKT - SIDE MOUNT (STD)	3
2	30312555	PARTS - RUBBER 2"X1/8" RUBBER 65-76 DUROM	6
3	30386355	PARTS - 26" DIA. WATER TANK STRAP	3
4	30320750	HHCS 1/2"- 13 NC X 4 1/2" LG GRADE 5	3
5	30302126	WASHER - FLAT, 1/2" ZINC FINISH USS	9
6	30307220	NUT - LOCK, 1/2"-13 NC NYLON	6
7	30302125	WASHER - FLAT, 5/8" (1-3/4" O.D.)	12
8	30308219	SCREW - 5/8"-11 NC X 2 1/4" LG GR.5 HHCS	6
9	30303797	NUT - NYLON LOCK, 5/8-11UNC - GR 5 - ZP	6

5.4 70100901 – ASSY, DISCHARGE WASHOUT HOSE MOUNT

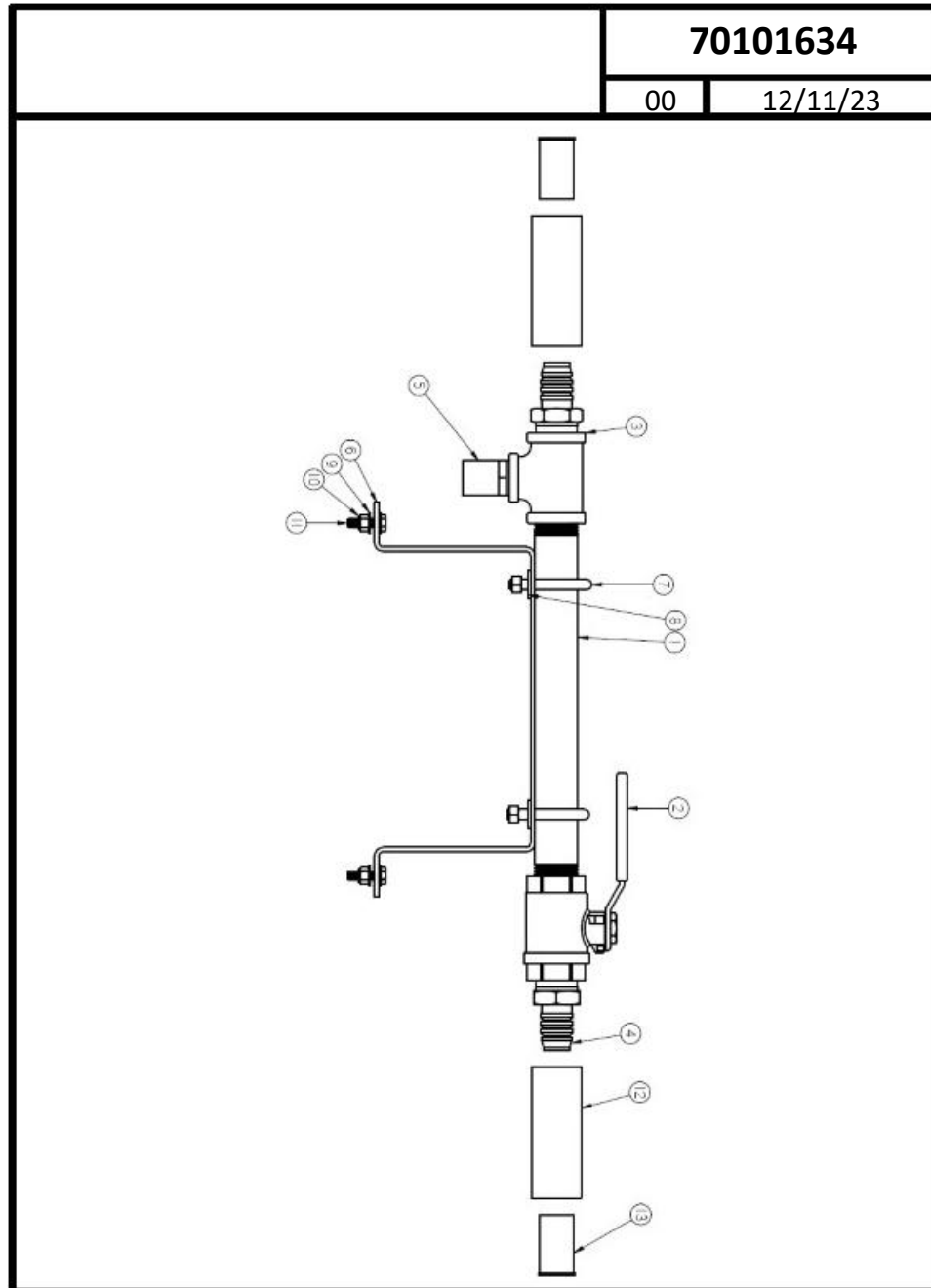


ITEM	PART NO.	DESCRIPTION	QTY
1	70100892	BRACKET, RECLAIMER HOSE	1
2	30302130	WASHER, FLAT,3/8, ZP	4
3	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	2
4	30389195	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	2

5.5 70101634 – ASSY, BYPASS



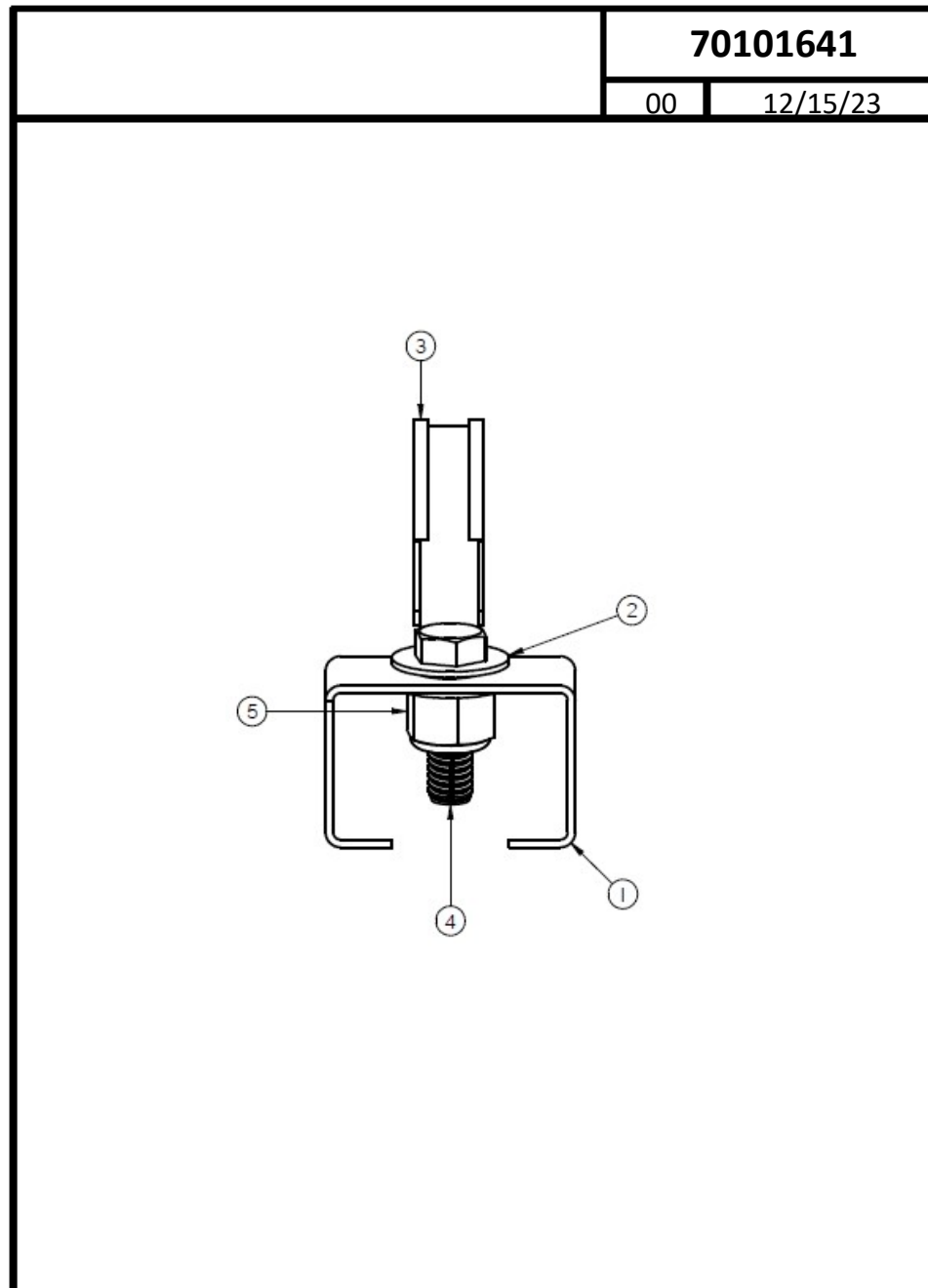
*Located on Street Side Fender



WATER

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 X 1 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

5.6 70101641 – ASSY, HOSE SUPPORT

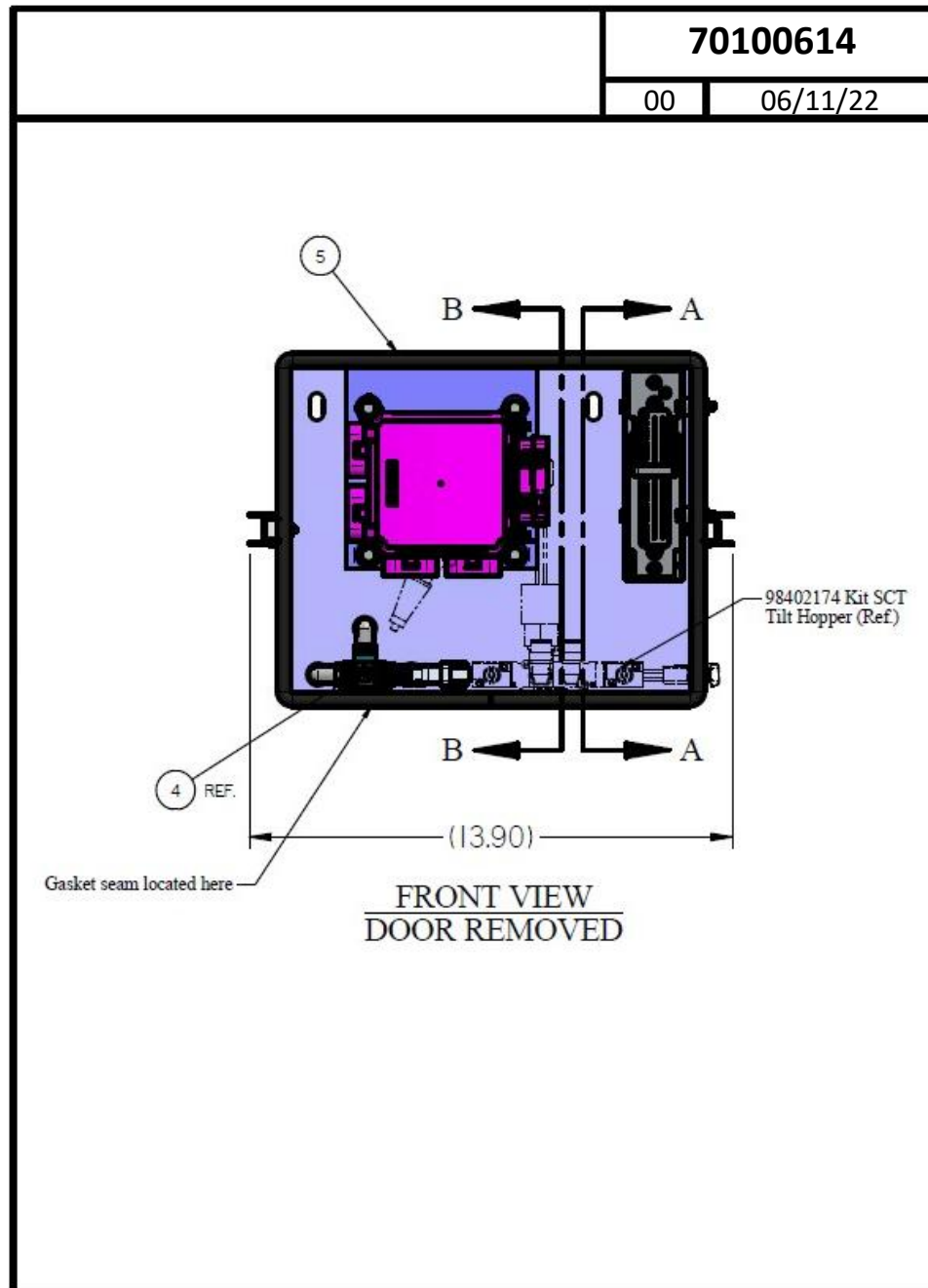


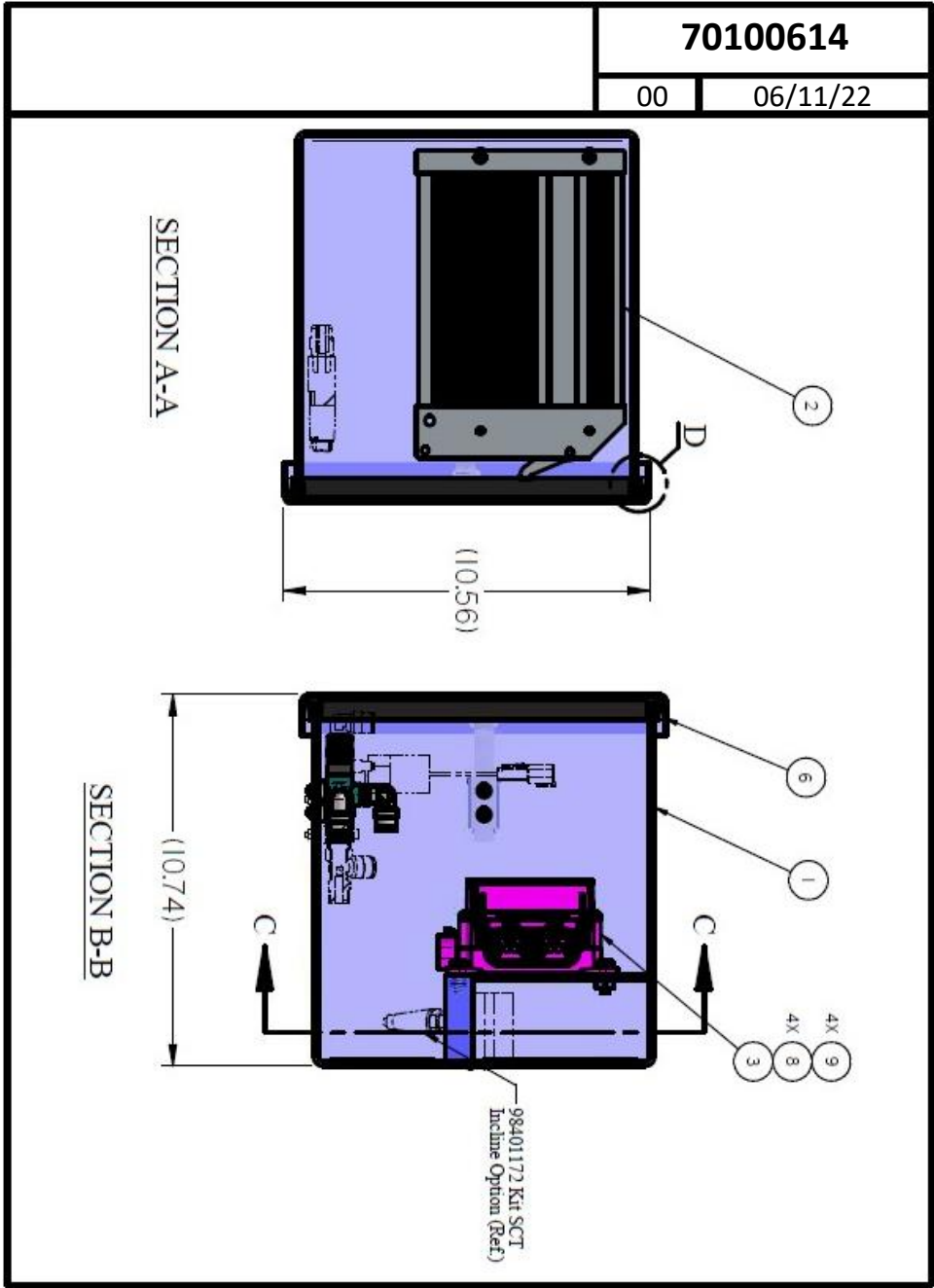
ITEM	PART NO.	DESCRIPTION	QTY
1	70100889	PLATE - HOSE STAND OFF BRACKET	1
2	30302130	WASHER, FLAT, 3/8, ZP	2
3	30389305	STRAP, 1" WATER HOSE (1 1/2" O.D. HOSE)	1
4	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	1
5	30389195	NUT, NYLON LOCK, 3/8-16UNC GR8, ZP	1

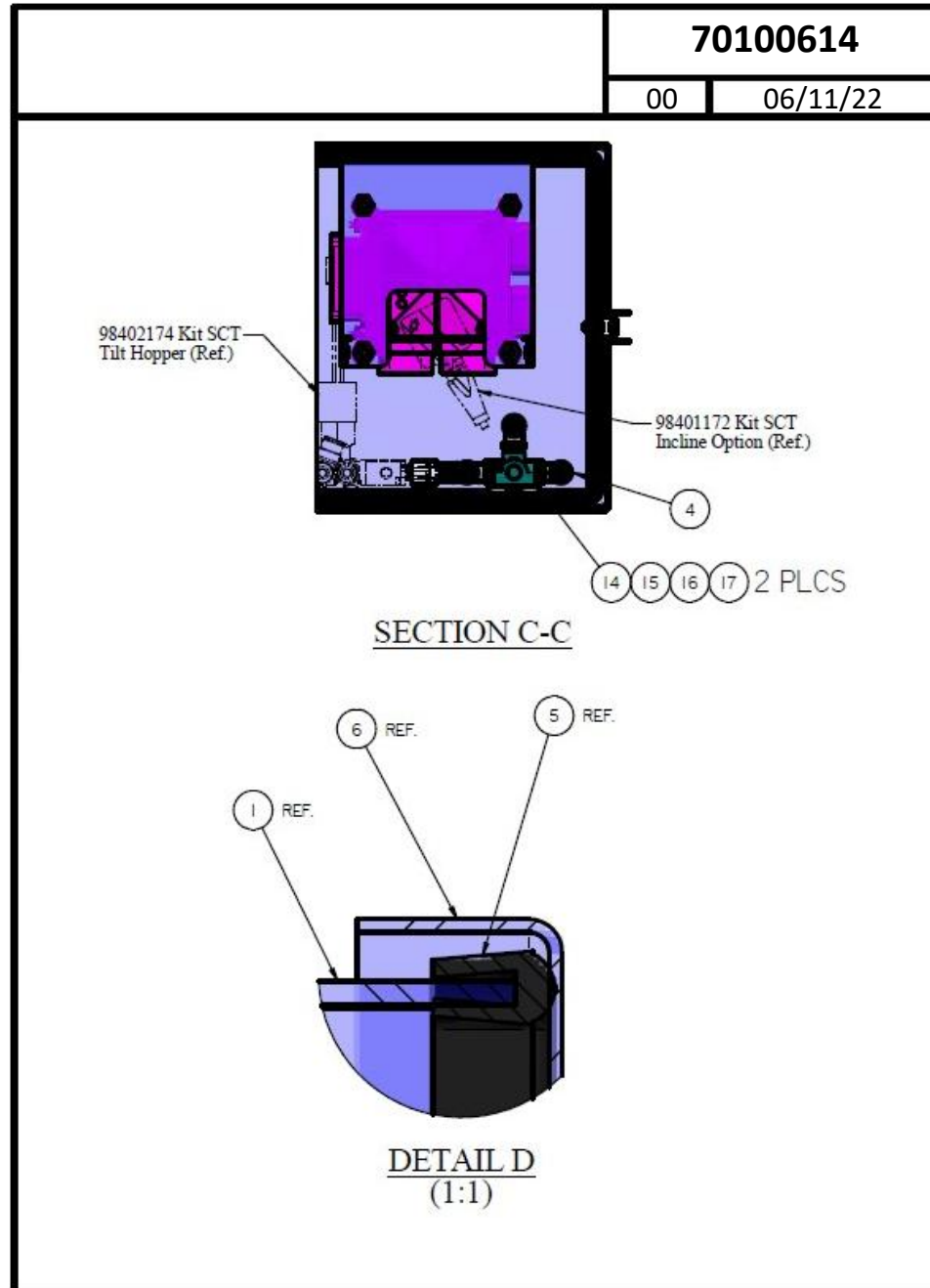
6 CONTROLS/ELECTRICAL

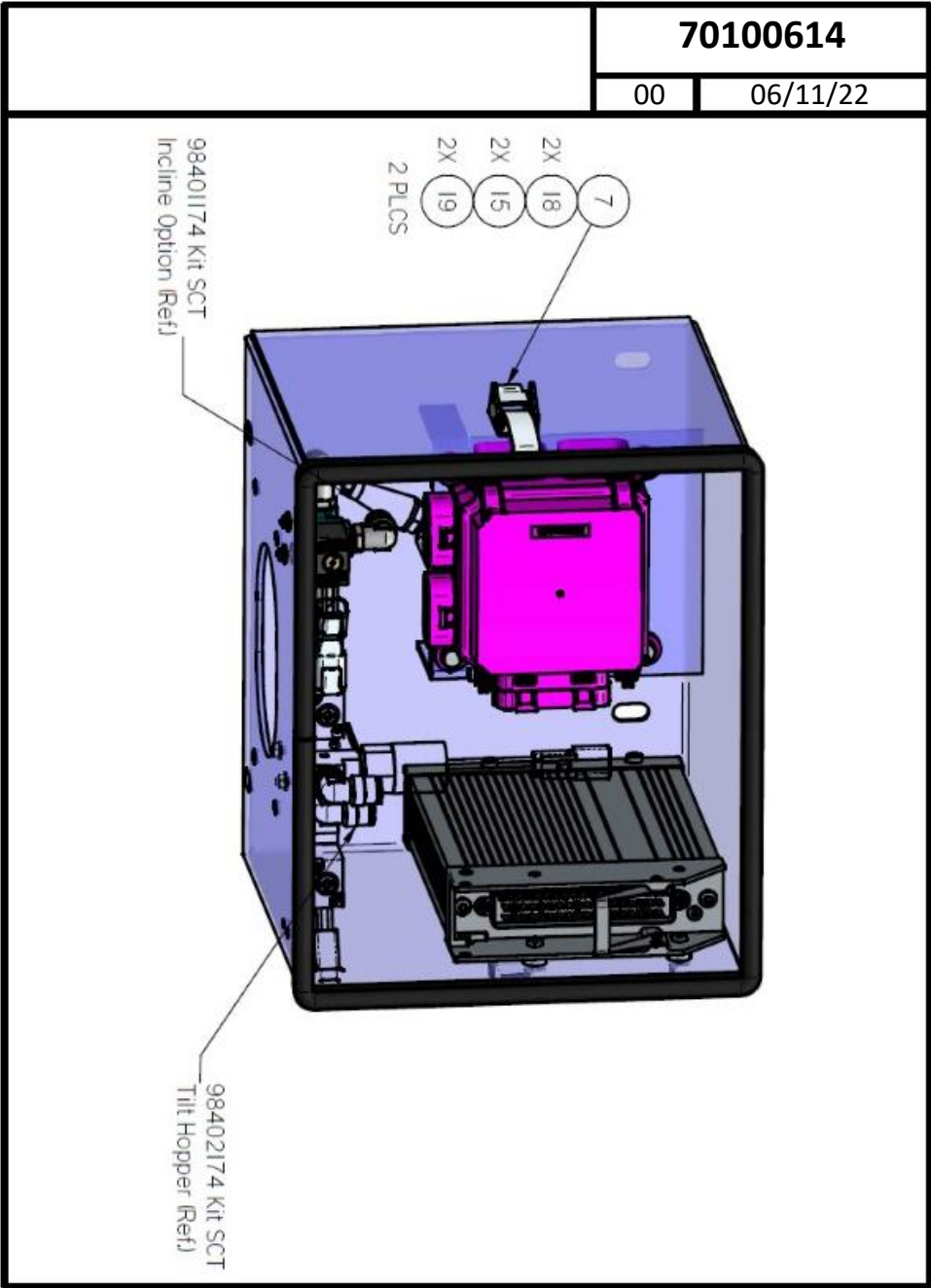
6.1	70100614 – ASSY, CONTROL PANEL, LARGE	6-113
6.2	98404767 – ASSY, MIXER REAR WORK LIGHT	6-119
6.2.1	98425253 – HARNESS WORK LIGHTS REAR	6-120
6.3	30413004 – ENGINE CONTROL PACCAR MX/X	6-121
6.3.1	98402521 – HARNESS MIXER, PDM-BATTERY	6-122
6.3.2	70100840 – CHASSIS INTERFACE	6-123
6.4	98419032 – ASSY, FRONT LIGHTED SLUMP METER	6-124
6.4.1	70101684 – JUMPER HARNESS	6-126
6.5	70101564 – INSTL, CAMERA INTEGRATION	6-127
6.5.1	70101557 – HARNESS, CAMERA, M12-5F TO GX12-4F .	6-128
6.5.2	70101560 – HARN, CAMERA, GX12-4M TO M12-5M	6-129
6.6	30408459 – TOP MOUNT LIGHT SINGLE	6-130

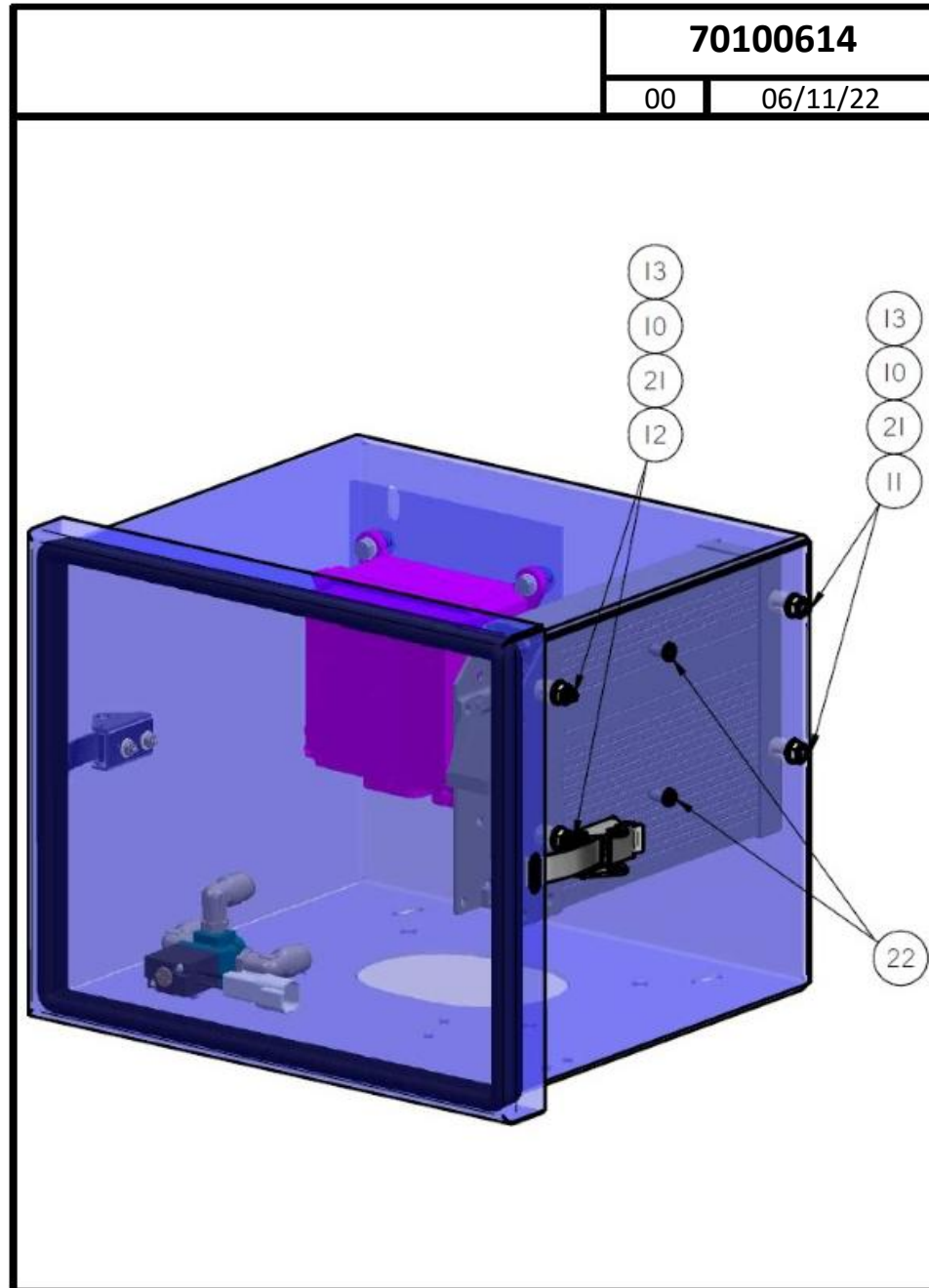
6.1 70100614 – ASSY, CONTROL PANEL, LARGE







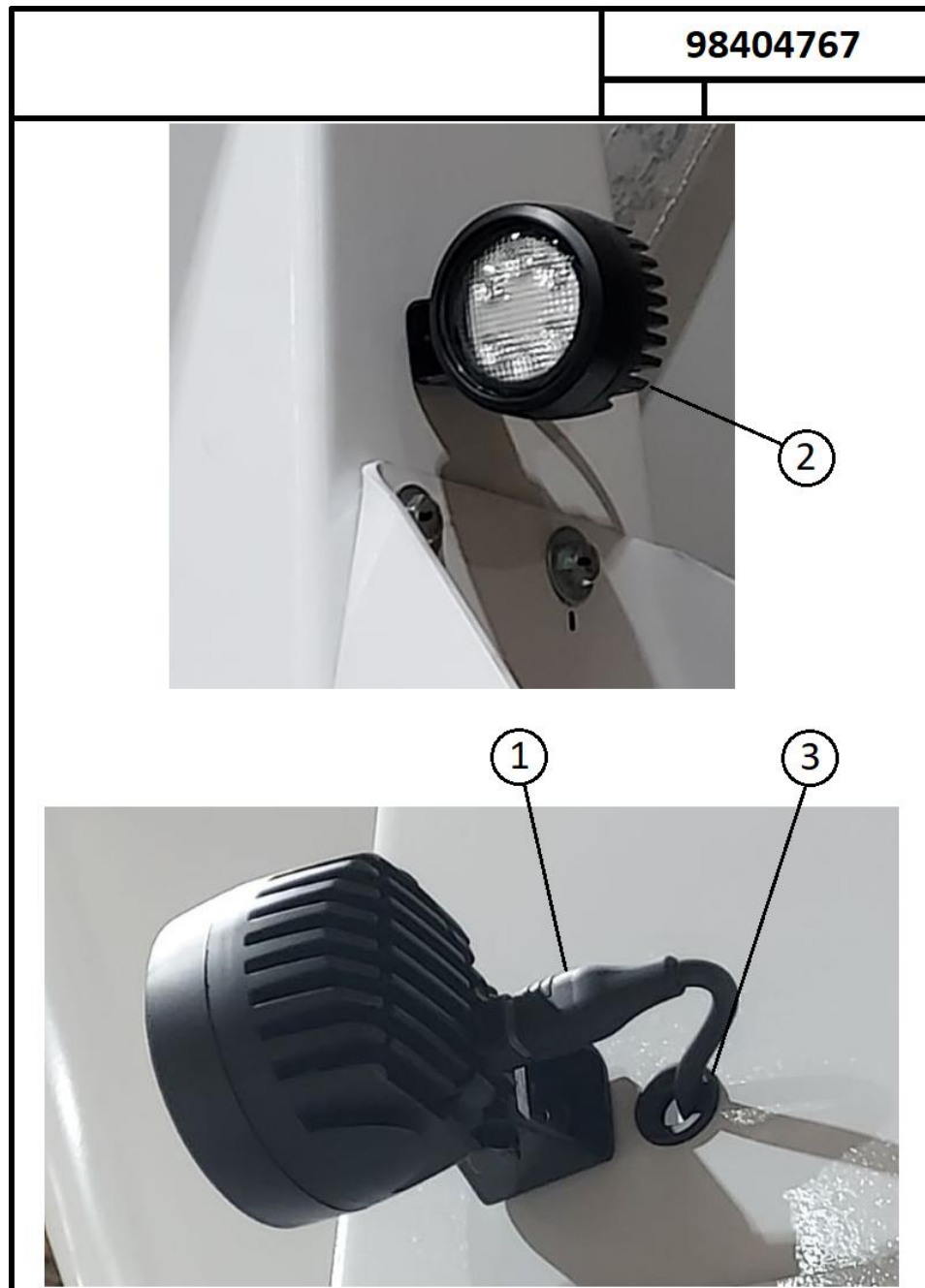




CONTROLS/ELECTRICAL

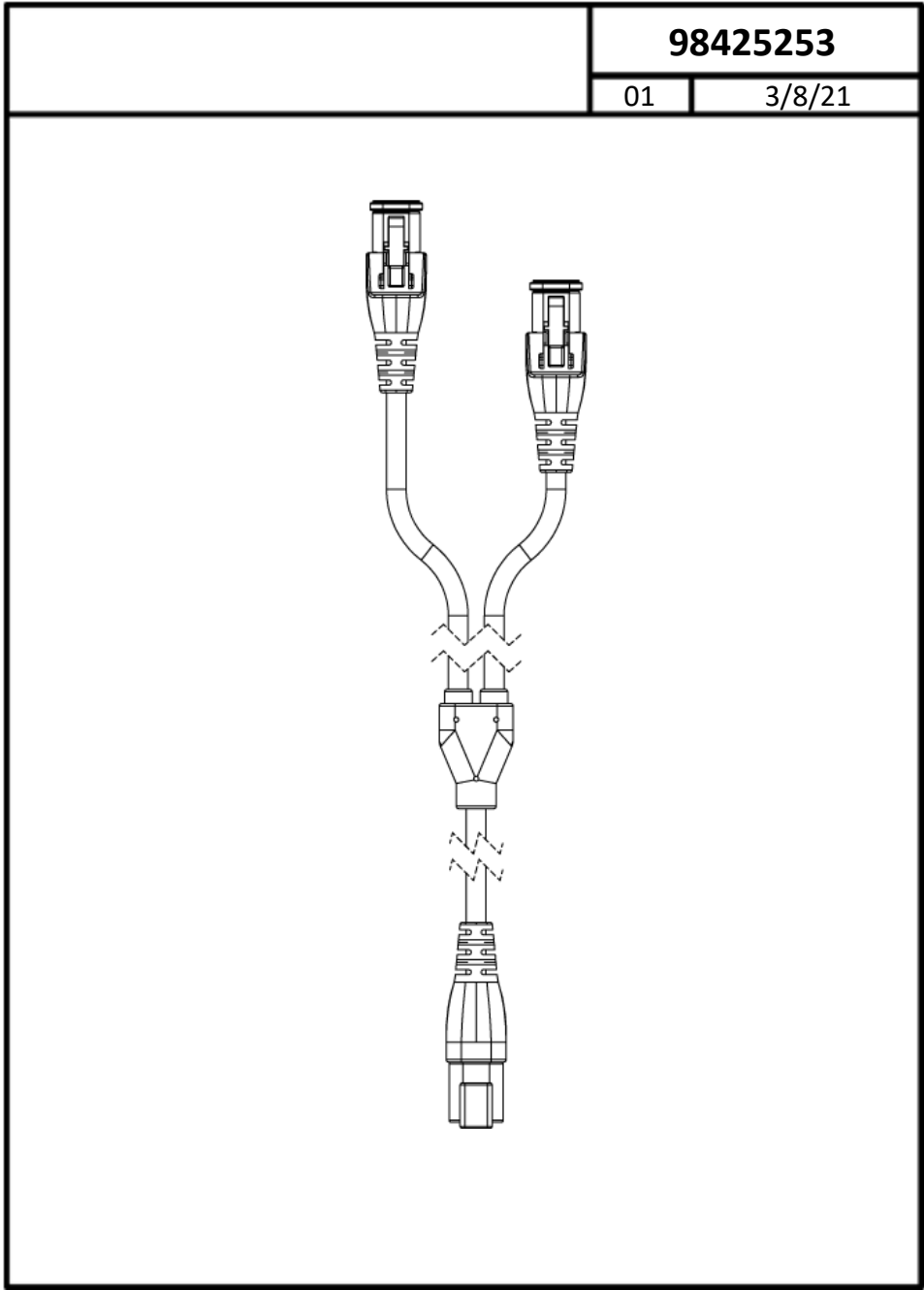
ITEM	PART NO.	DESCRIPTION	QTY
1	70100639	WMT - CONTROL PANEL ENCLOSURE	1
2	70100581	CONTROLLER, PLC CAN MIXER	1
3	30380822	PROT - VEC, MIXER, GEN III	1
4	98402032	ASSY CHUTE LOCK VALVE	1
5	10149005	SLIP-ON PROFILE, SELF-CLAMPING	1
6	98421138	SHT - FRMD, PANEL DOOR FOR ENCLOSURE	1
7	98421364	DOOR LATCH - WORK-LOAD RATED, LOCKABLE	2
8	10011106	WASHER DIN 125 B 6.4-140HV-VZD	4
9	10001764	SCREW DIN 933 M 6 X 20-8.8-VZD	4
10	10145912	SCREW RETAINER SKM 5-GT320	4
11	70100641	SCREW, M5 - 0.8 X 65	2
12	70100642	SCREW, M5 - 0.8 X 25	2
13	10001237	NUT ISO 4032 M 5-8-VZD	4
14	98404560	BUSHING UNTHREADED SPACER, NYLON	2
15	10145911	SCREW RETAINER SKM 4-GT320	6
16	98404573	SCREW DIN 912 M 3 X 25-12.9 A2C	2
17	10001229	NUT DIN 934 M 3-8-A2C	2
18	10205470	SCREW DIN 84 M 4 X 12-4.8-VZD	4
19	10001230	NUT DIN 934 M 4-8-A2C	4
20	98399307	SENSOR SPEED DSA 1 SERIES 12 PART	1
21	70100640	1/2 X 5/16 NYLON SPACER	4
22	70100654	1/4 ID SEALING PLUG	2
23	30302690	RUBBER EDGE - 3/16" BLACK W/METAL CORE	1

6.2 98404767 – ASSY, MIXER REAR WORK LIGHT

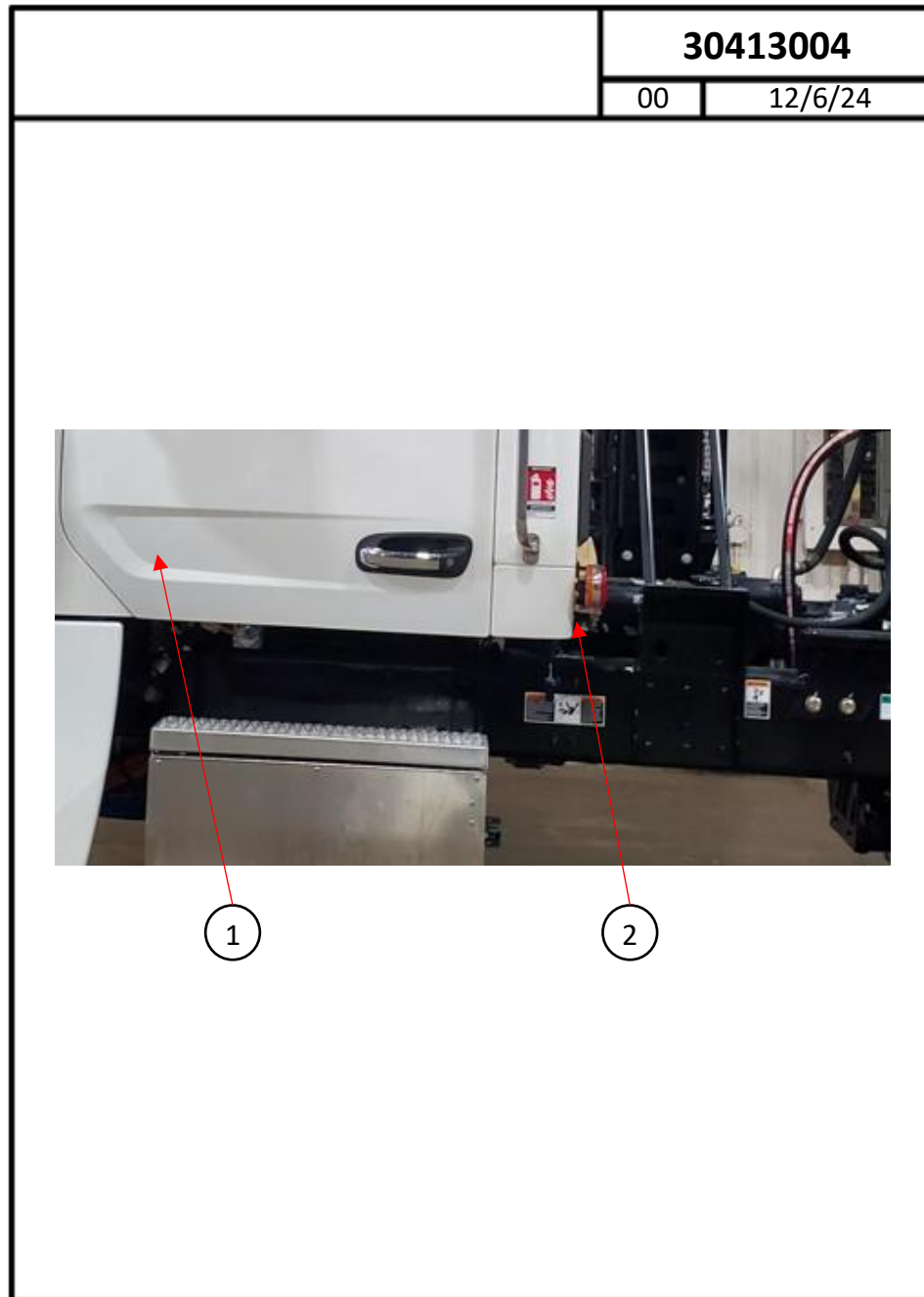


ITEM	PART NO.	DESCRIPTION	QTY
1	98425253	HARNESS WORK LIGHTS REAR	1
2	98388565	LIGHT LED WORKLIGHT 10-48V/12W	2
3	30389998	GUARD - RUBBER 9/16 GROMMET	2

6.2.1 98425253 – HARNESS WORK LIGHTS REAR

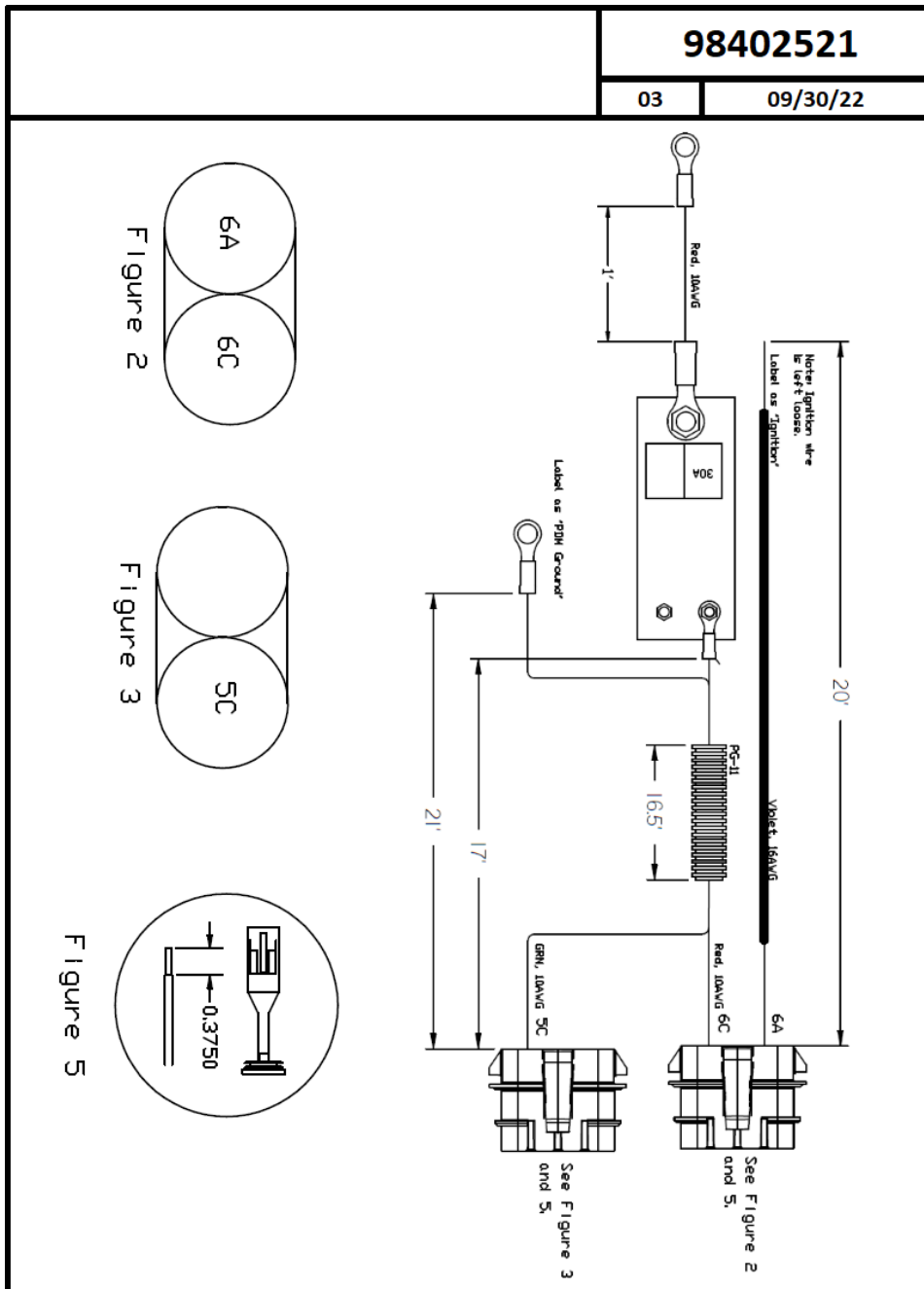


6.3 30413004 – ENGINE CONTROL PACCAR MX/X

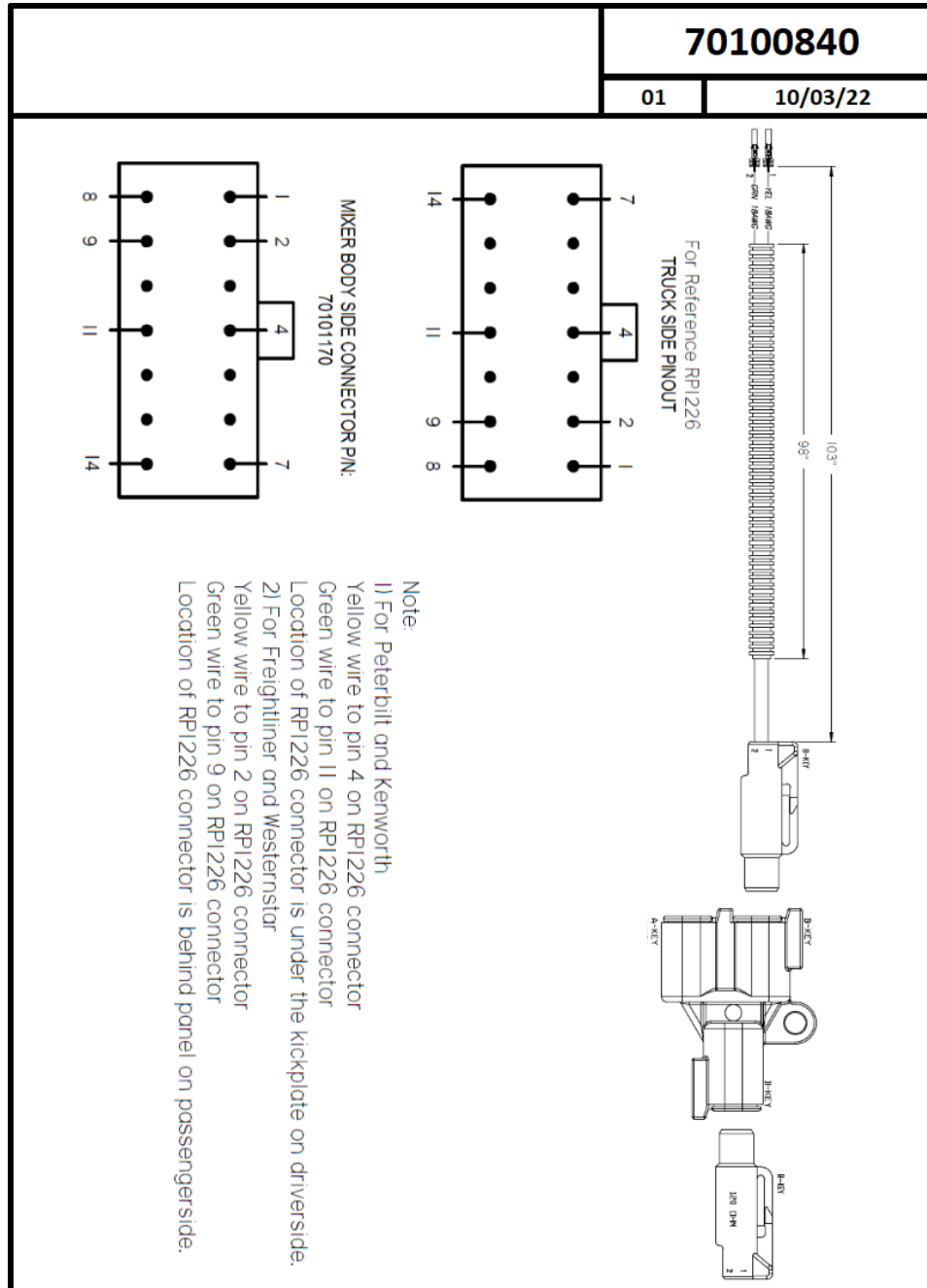


PART NO.	DESCRIPTION	QTY
98402521	HARNESS MIXER, PDM-BATTERY	1
70100840	CHASSIS INTERFACE	1

6.3.1 98402521 – HARNESS MIXER, PDM-BATTERY



6.3.2 70100840 – CHASSIS INTERFACE

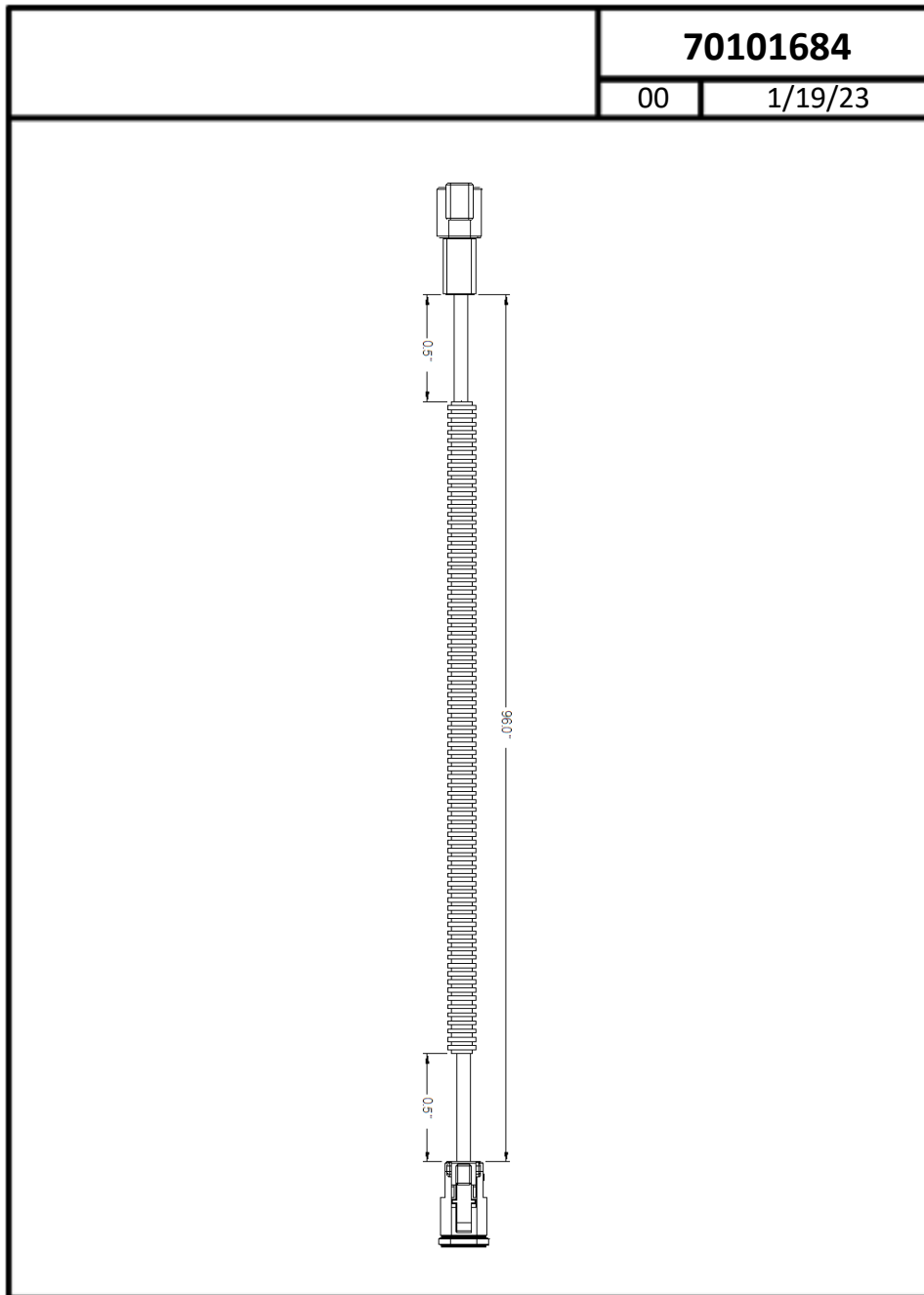


6.4 98419032 – ASSY, FRONT LIGHTED SLUMP METER

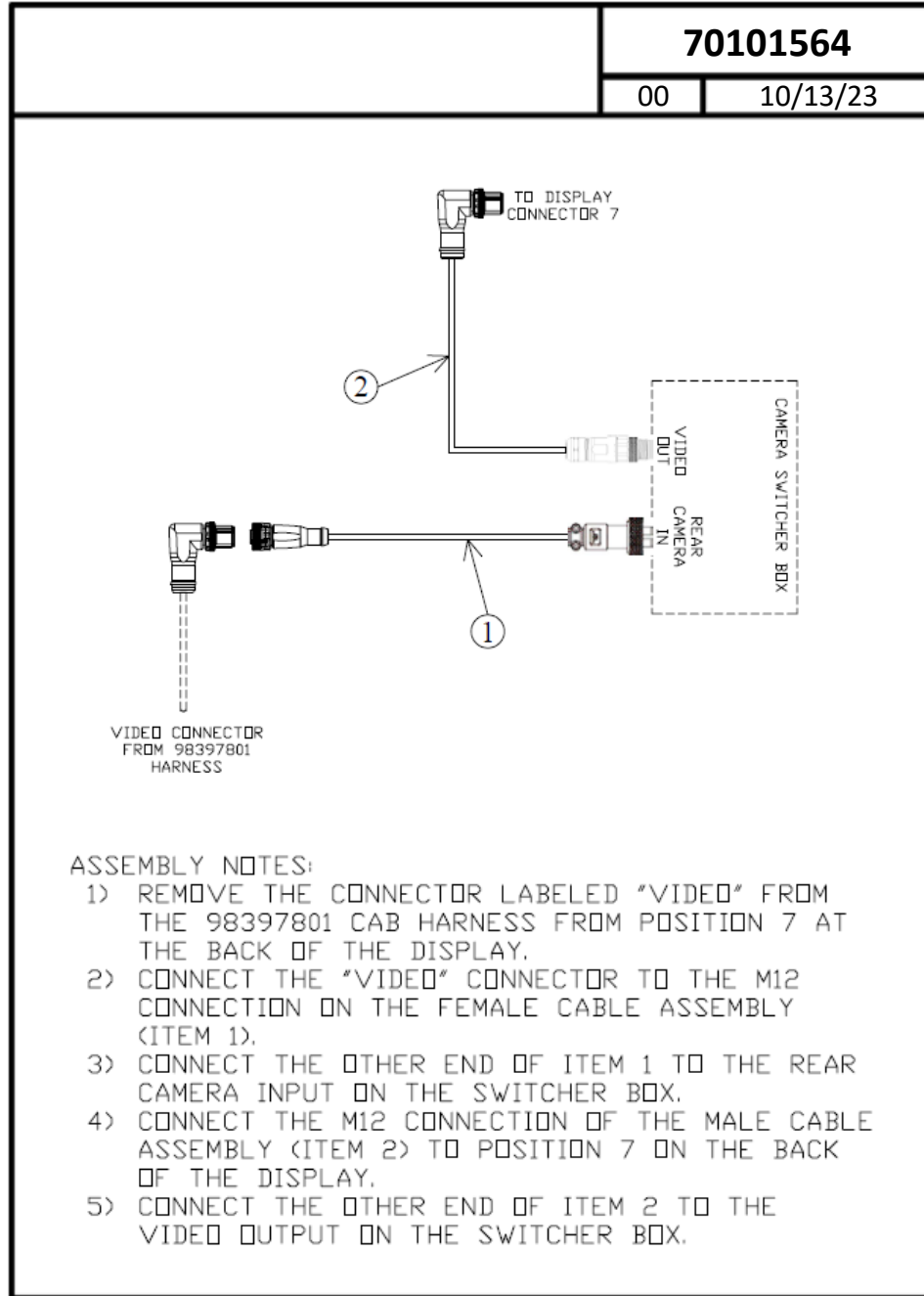


ITEM	PART NO.	DESCRIPTION	QTY
1	30386244	PLT - SLUMP GAGE BRACKET	1
2	30389275	ASSY., FITTING , FEMALE BULKHEAD	2
3	98415152	GAUGE , SLUMP, LIGHTED, 5000PSI	1
4	30389212	FITTING - HYD TEE #4 37° SWIV NUT RUN	1
5	98344386	HOSE - HYD SAE 4/4 X 22" - 5850 PSI	1
6	98399494	HARNESS ,MIXER, REAR WORK LIGH	1
7	98349338	CONNECTOR 2-PIN MALE	1
8	30337526	WDGLCK, DT, RCP, 2POS	1
9	30337545	PIN, SZ16, 16-20AWG	2
10	70101684	JUMPER HARNESS	1

6.4.1 70101684 – JUMPER HARNESS

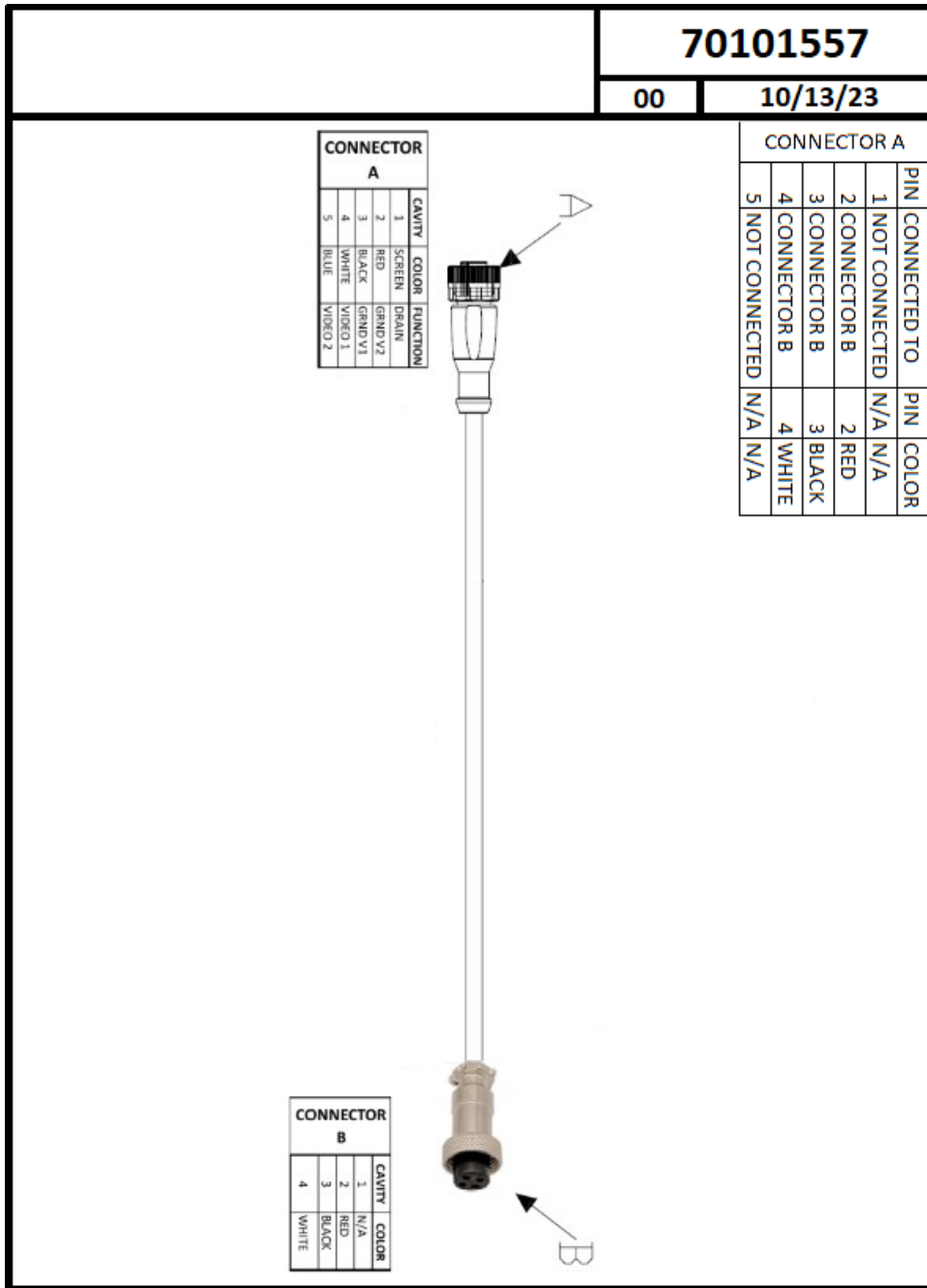


6.5 70101564 – INSTL, CAMERA INTEGRATION

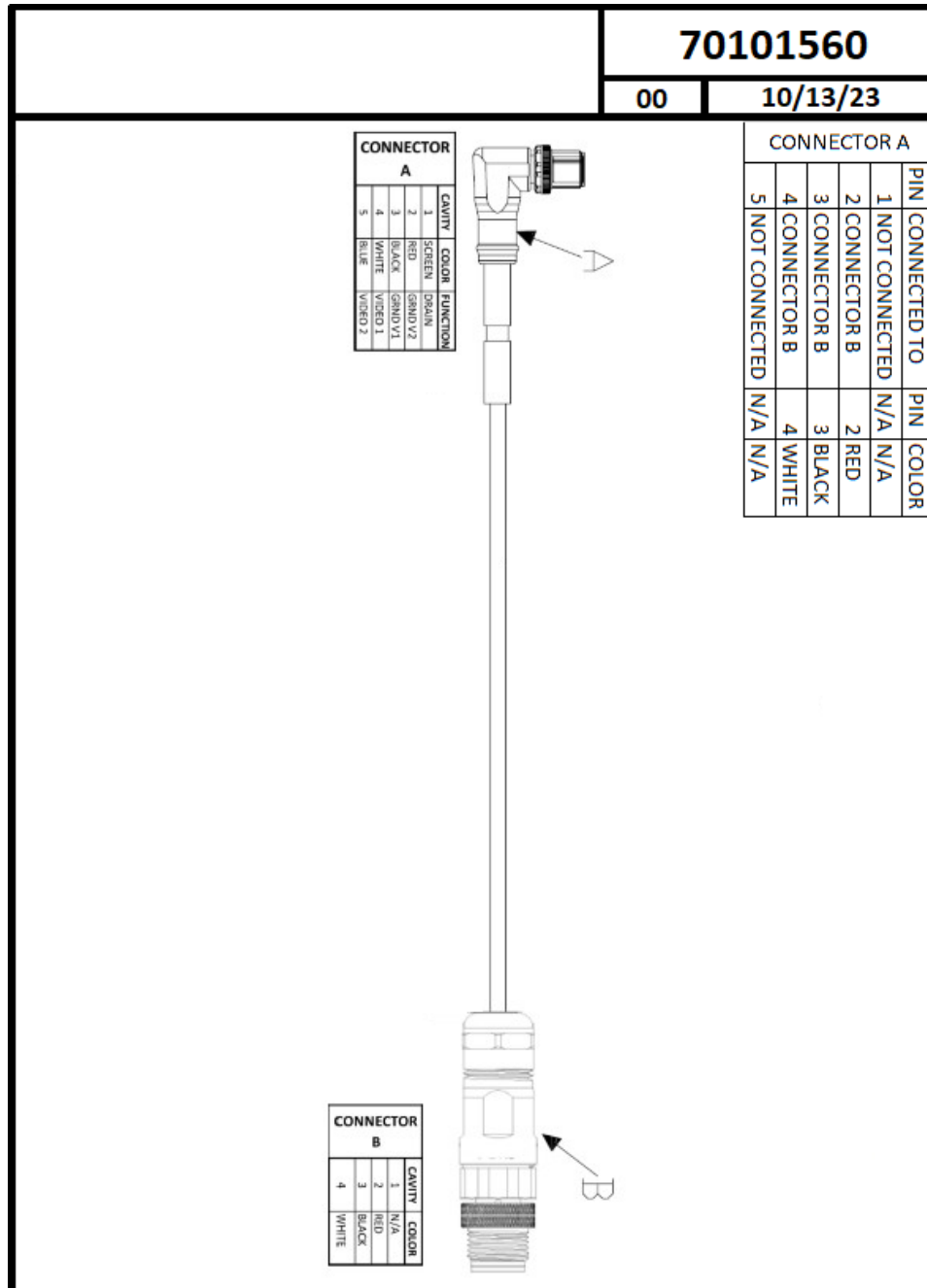


ITEM	PART NO.	DESCRIPTION	QTY
1	70101557	HARN, CAMERA, M12-5F TO GX12-4F	1
2	70101560	HARN, CAMERA, GX12-4M TO M12-5M	1

6.5.1 70101557 – HARNESS, CAMERA, M12-5F TO GX12-4F

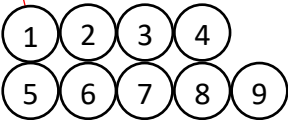


6.5.2 70101560 – HARNESS, CAMERA, GX12-4M TO M12-5M

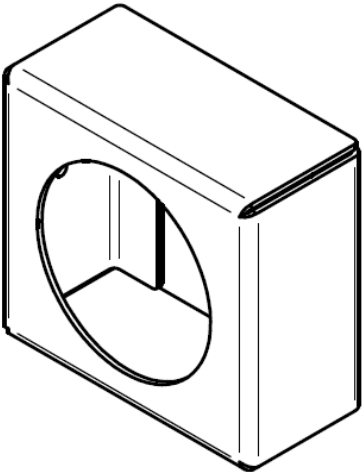


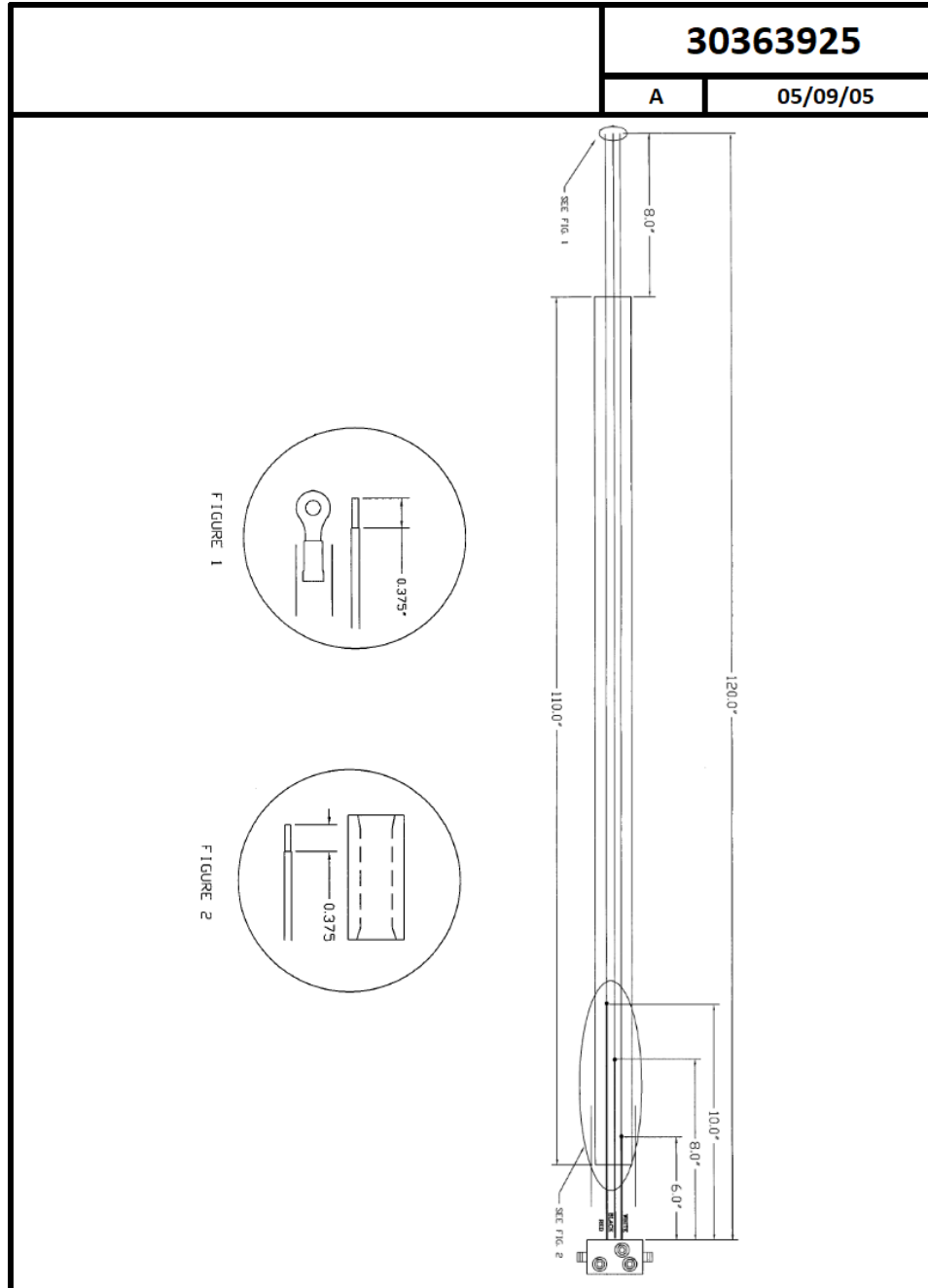
6.6 30408459 – TOP MOUNT LIGHT SINGLE

	30408459	
	00	9/13/24

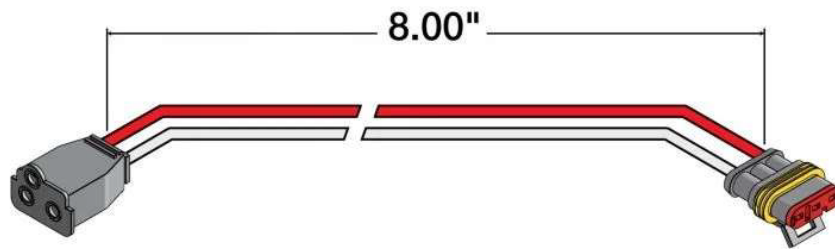


ITEM	PART NO.	DESCRIPTION	QTY
1	98386632	ENCLOSURE SINGLE LIGHT BOX	2
2	30389479	PARTS - LIGHT GROMMET 4"	2
3	30363925	HARNESS - LIGHT, TAIL, UPPER	2
4	30302132	SCREW - HHC, 1/4"-20 X 1" GR 5	4
5	30334582	NUT - LOCK 1/4"-20 NC NYLON I	4
6	30303735	WASHER - FLAT, 1/4" USS-FE/ZN	8
7	98386730	SEAL GROMMET,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



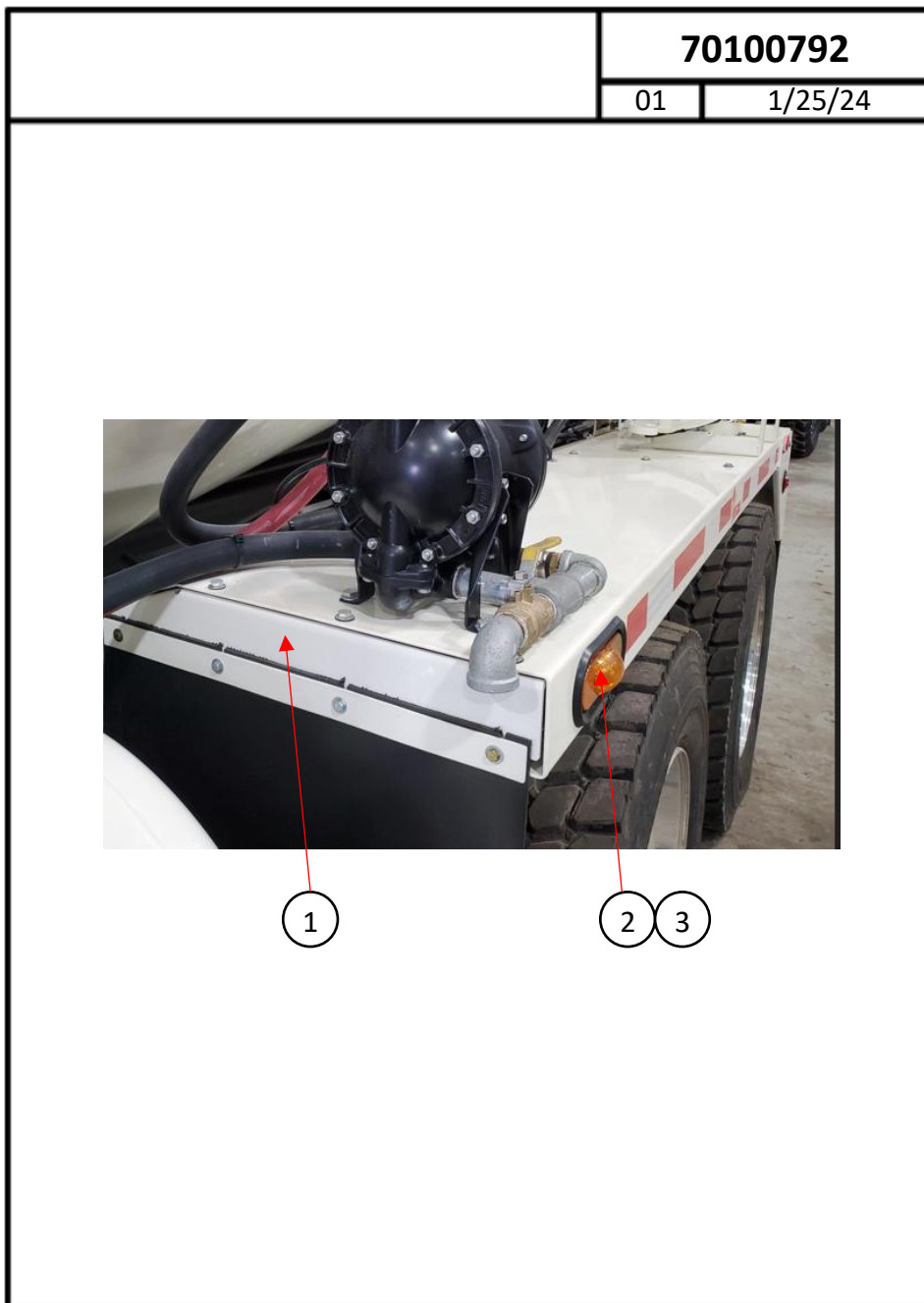
98385934



7 FENDERS

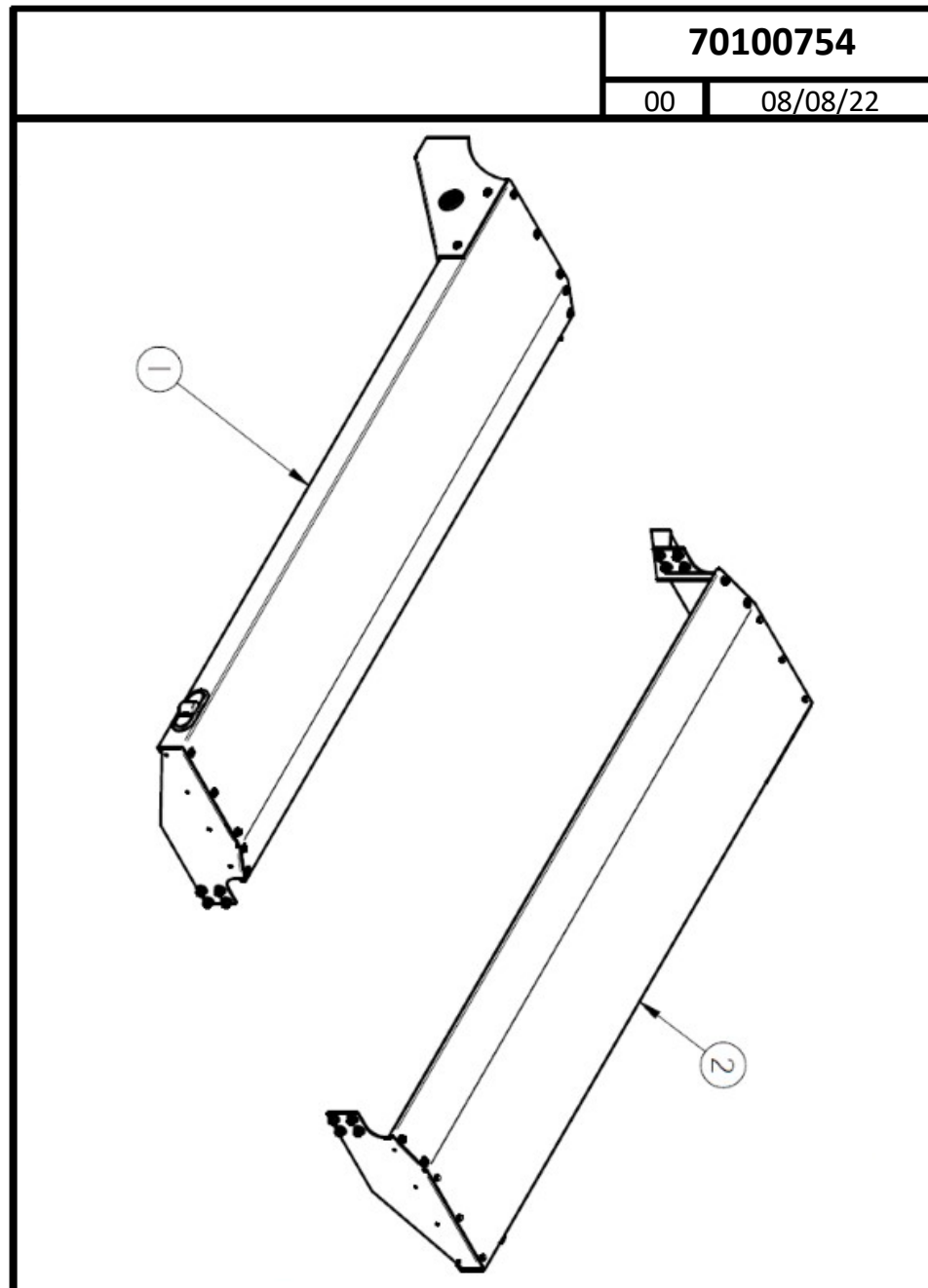
7.1	70100792 – MIDSHIP FENDER GROUP	7-136
7.1.1	70100754 – ASSY, FENDER GROUP, OVAL MARKER	7-137
7.2	30369340 – HARNESS - MIDSHIP-TURN-MIXER	7-143
7.3	70101638 – HARNESS, MIDSHIP POWER PB/KW	7-144
7.4	70101517 – ASSY, D-LOCK, TOOL HOLDERS	7-145

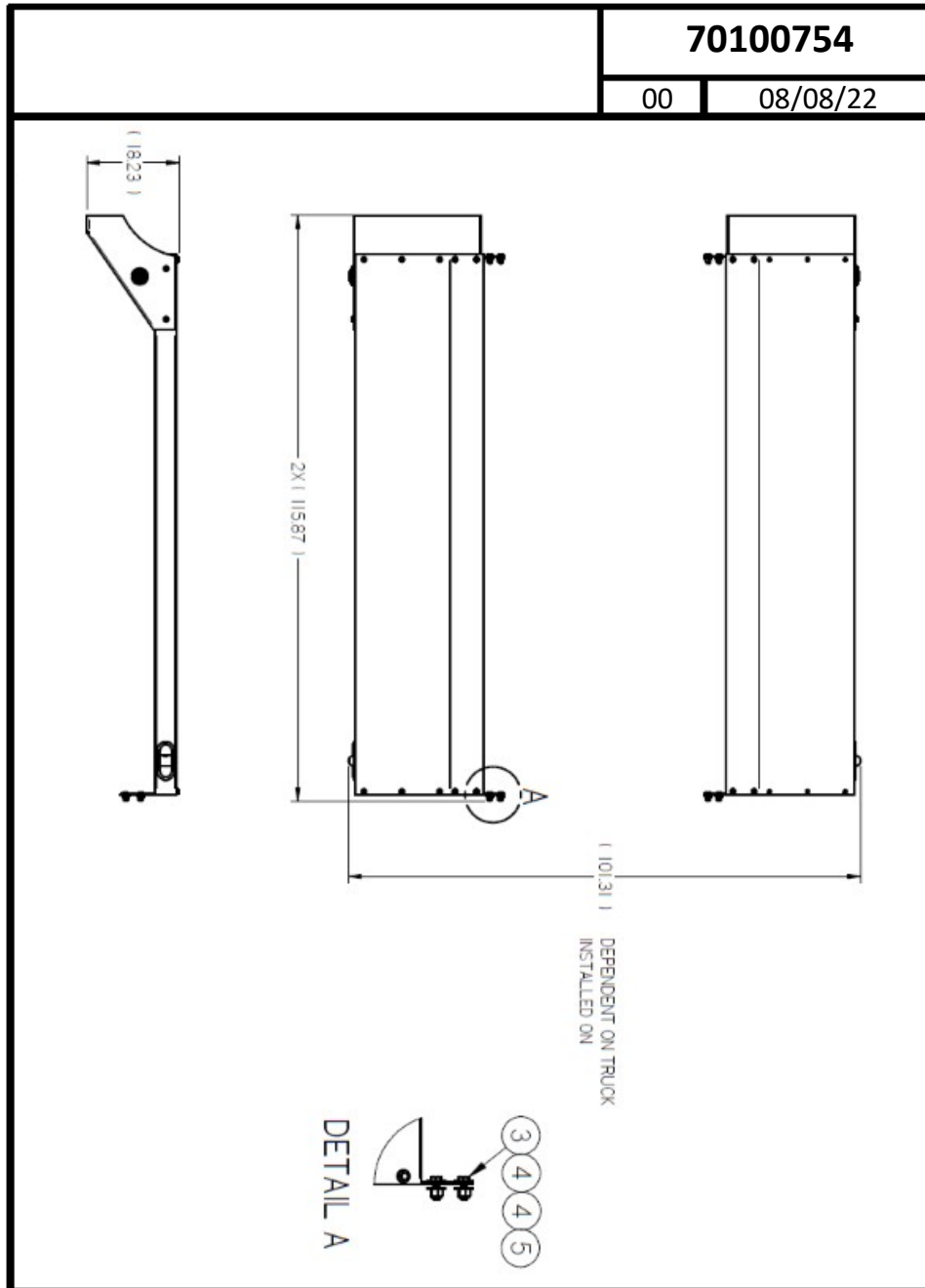
7.1 70100792 – MIDSHIP FENDER GROUP



NOTE: ITEM 3 RUNS FROM UNDER CENTER OF CAB TO EACH OVAL LIGHT

ITEM	PART NO.	DESCRIPTION	QTY
1	70100754	ASSY, FENDER GROUP, OVAL MARKER	1
2	30369340	HARNESS, MIDSHIP-TURN-MIXER	2
3	70101638	HARNESS, MIDSHIP POWER PB/KW	1

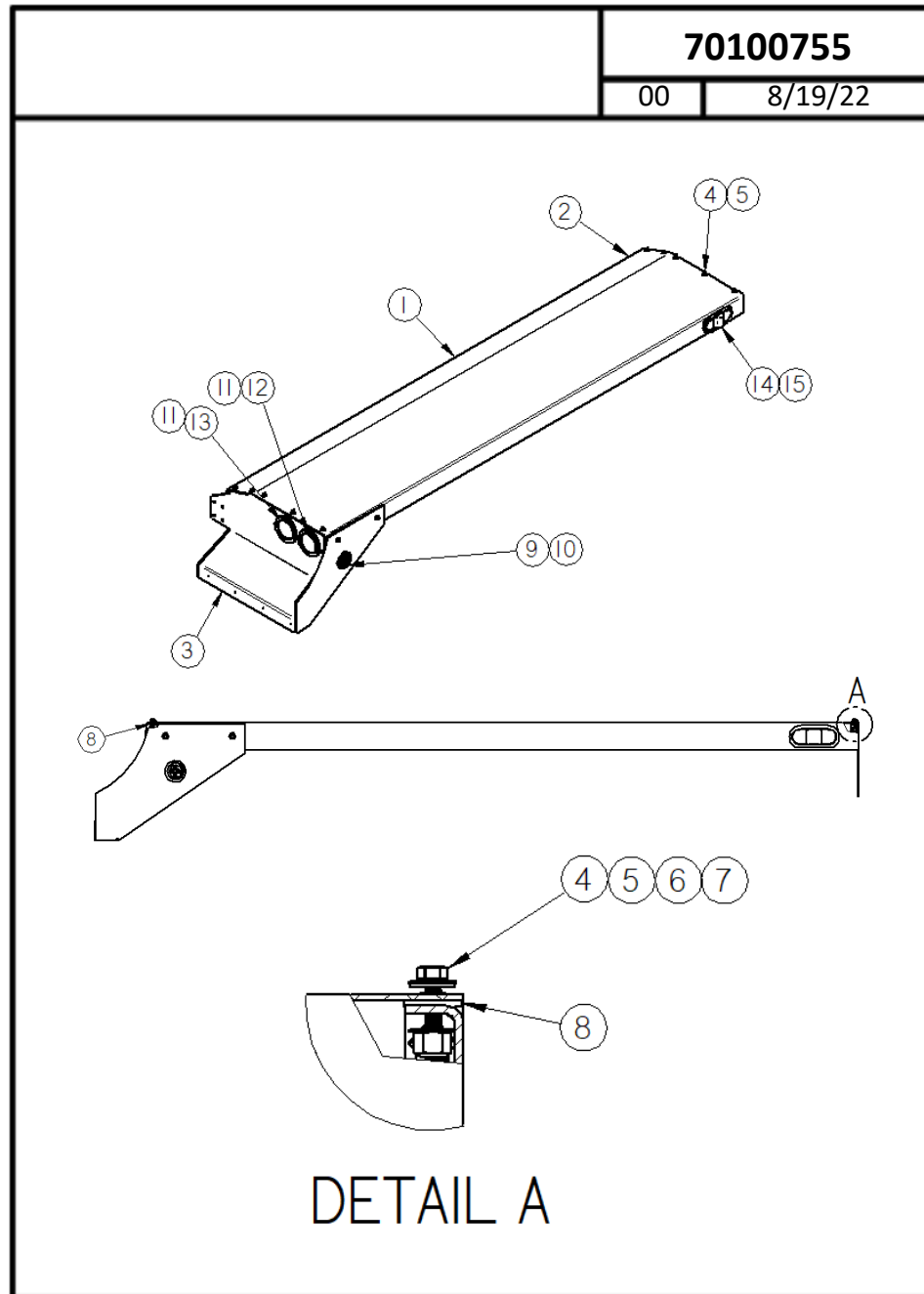
7.1.1 70100754 – ASSY, FENDER GROUP, OVAL MARKER



ITEM	PART NO.	DESCRIPTION	QTY
1	70100755	ASSY, FENDER 115" CS	1
2	70100756	ASSY, FENDER REAR, SS	1
3	30302654	SCREW - 1/2"-13 NC X 1 1/2" LG GR.5 HHCS	16
4	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	32
5	30307220	NUT, NYLON LOCK 1/2 -13UNC	16
6*	98385934	HARNESS 2-WIRE ADAPTER	2

*ITEM NOT SHOWN.

7.1.1.1 70100755 – ASSY, FENDER 115" CS

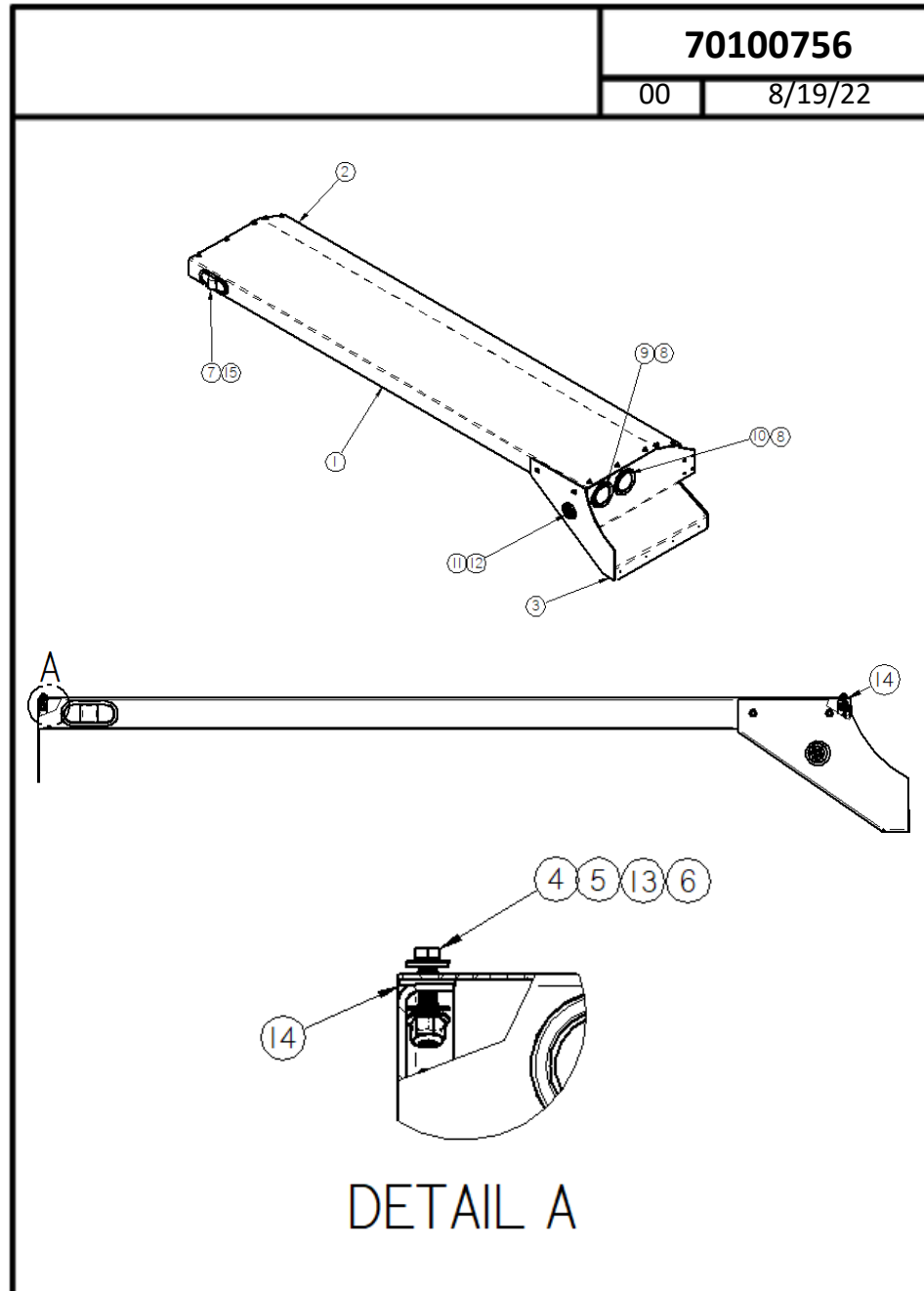


FENDERS

ITEM	PART NO.	DESCRIPTION	QTY
1	70100757	FENDER PLATFORM RH	1
2	70100627	PLATE – FENDER RBACKET CURB SIDE	1
3	70100632	WLDT – FENDER BRACKET CS	1
4	30302817	HHCS, 3/8"-16 X 1 1/4"	12
5	30389194	WASHER – SPRING, 3/8" RUBBER BONDED	12
6	30302130	WASHER, FLAT 3/8	12
7	30389195	NUT – 3/8"-16 NYLOCK	12
8	30389282	SPACER, NEOPRENE	42
9	30369467	LIGHT – MARKER RED 2.5" LED	1
10	30369473	PARTS – LIGHT GROMMET 2.5"	1
11	30389479	PARTS – LIGHT GROMMET 4"	2
12	30386308	LIGHT – 4" ROUND, RED LED	1
13	98385935	LIGHT – 4" ROUND, REVERSE LED	1
14	30386304	LIGHT – AMBER LED TURN/SIGNAL OVAL	1
15	30380820	LIGHT – GROMMET, 6" OVAL	1
16*	70102008	REFLECTOR, 2" DIA RED, ADHESIVE	2

*ITEM NOT SHOWN

7.1.1.2 70100756 – ASSY, FENDER REAR, SS

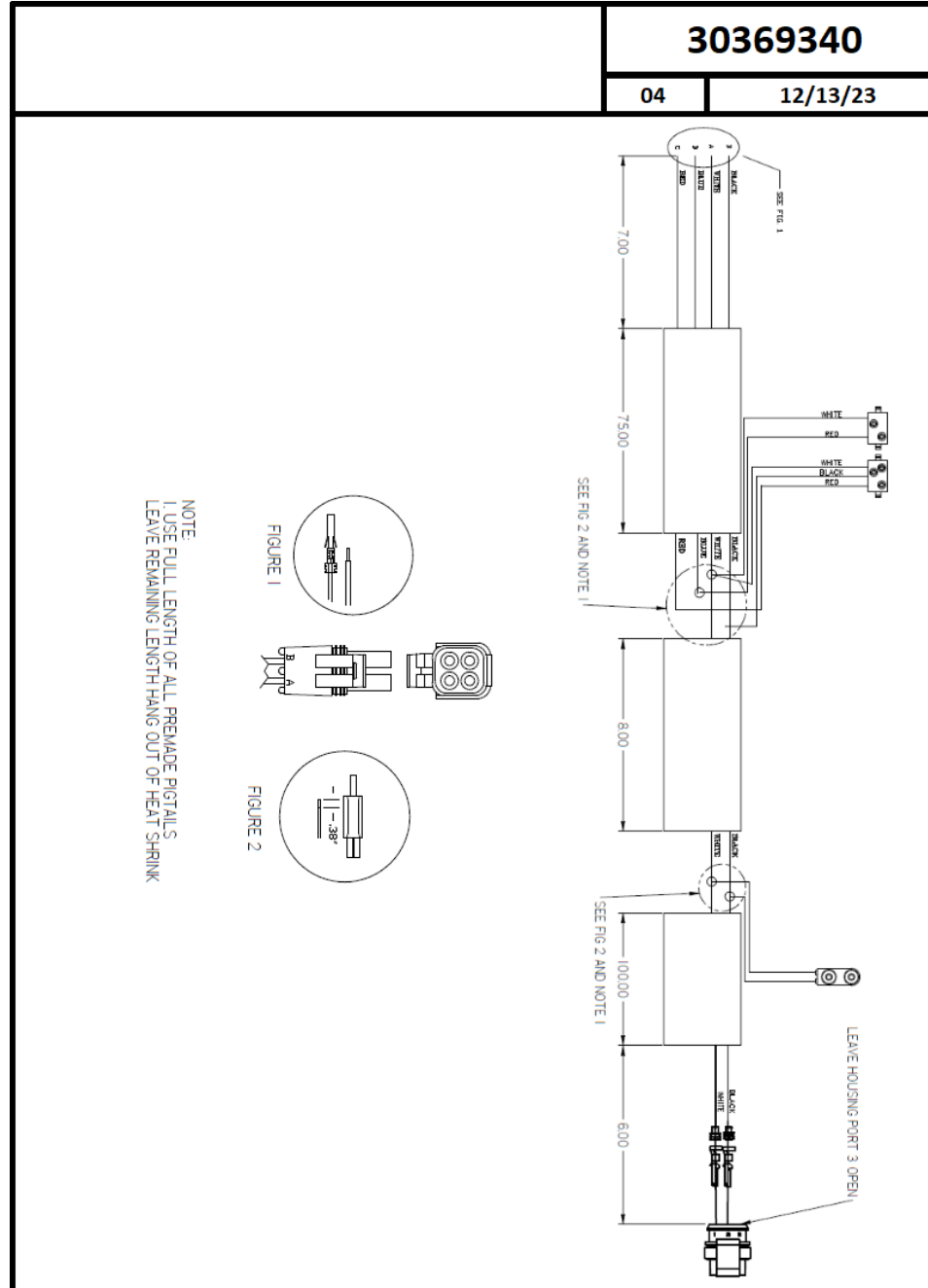


FENDERS

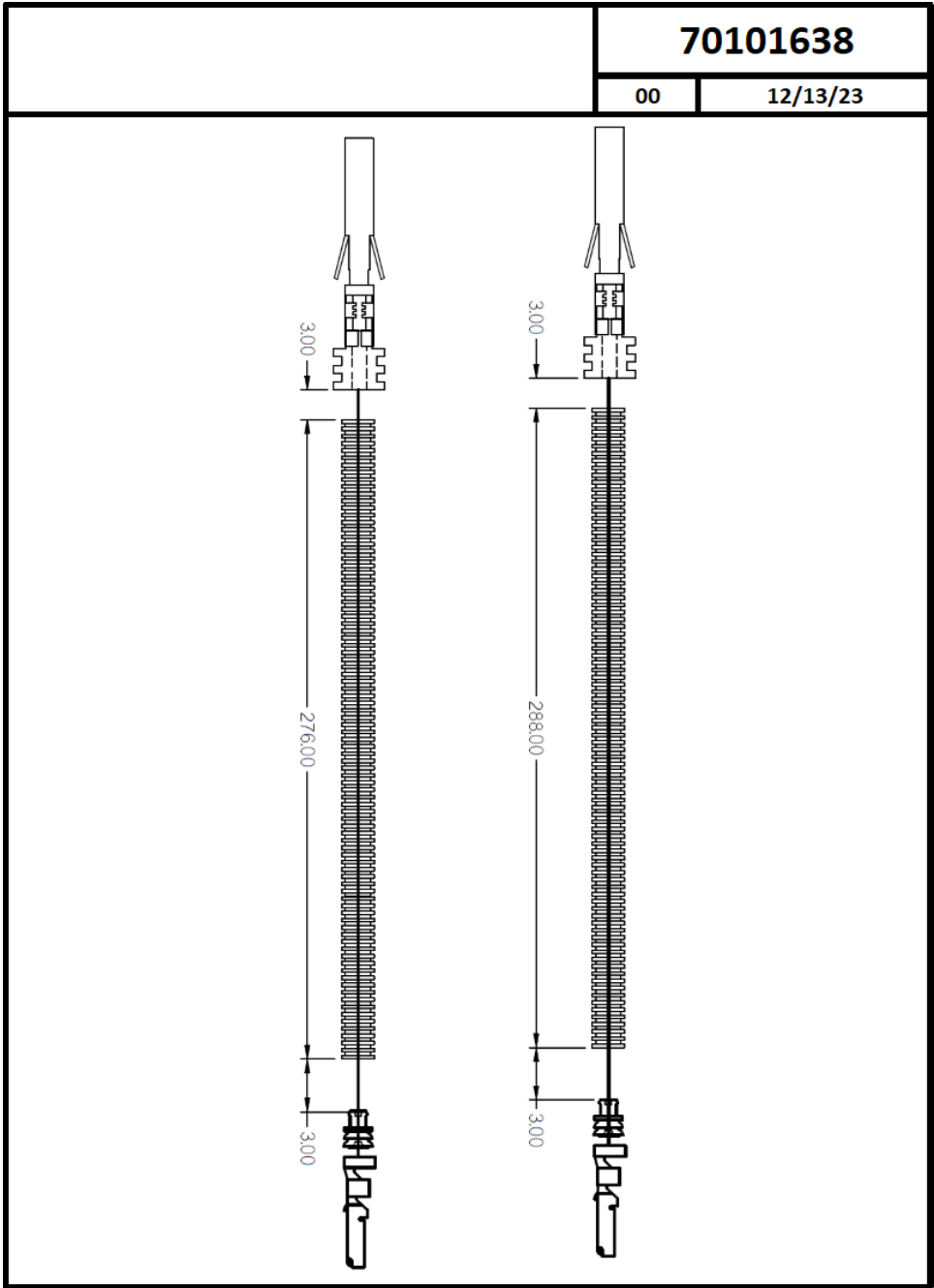
ITEM	PART NO.	DESCRIPTION	QTY
1	70100758	FENDER PLATFORM LH	1
2	70100628	PLATE – FENDER RBACKET CURB SIDE	1
3	70100635	WLDT – FENDER BRACKET SS	1
4	30302817	HHCS, 3/8"-16 X 1 1/4"	12
5	30389194	WASHER – SPRING, 3/8" RUBBER BONDED	12
6	30389195	NUT – 3/8"-16 NYLOCK	12
7	30386304	LIGHT – AMBER LED TURN/SIGNAL OVAL	1
8	30389479	PARTS – LIGHT GROMMET 4"	2
9	30386308	LIGHT – 4" ROUND, RED LED	1
10	98385935	LIGHT – 4" ROUND, REVERSE LED	1
11	30369473	PARTS – LIGHT GROMMET 2.5"	1
12	30369467	LIGHT – MARKER RED 2.5" LED	1
13	30302130	WASHER, FLAT 3/8	12
14	30389282	SPACER, NEOPRENE	42
15	30380820	LIGHT – GROMMET, 6" OVAL	1
16*	70102008	REFLECTOR, 2" DIA RED, ADHESIVE	4

*ITEM NOT SHOWN

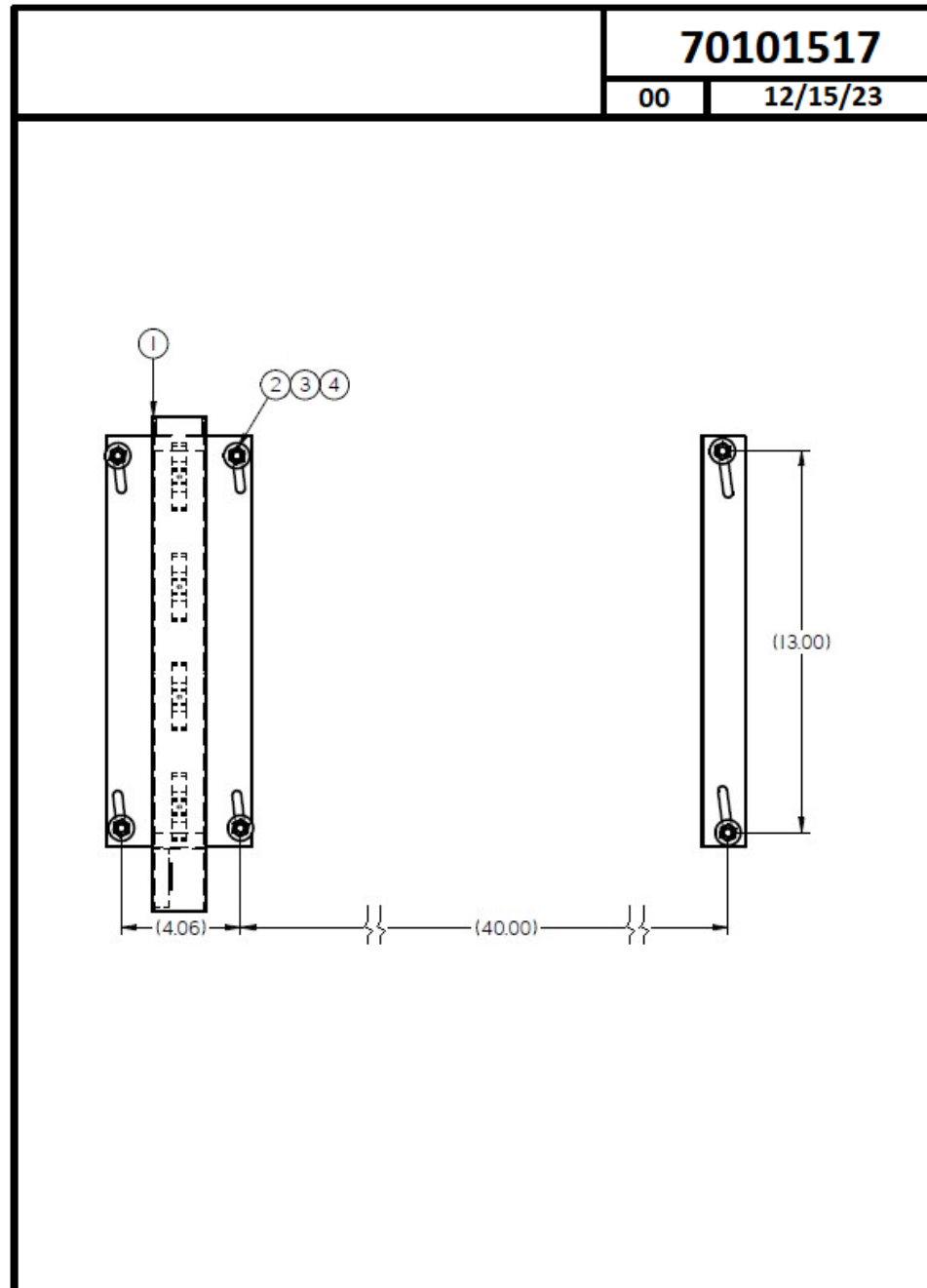
7.2 30369340 – HARNESS - MIDSHIP-TURN-MIXER



7.3 70101638 – HARNESS, MIDSHIP POWER PB/KW



7.4 70101517 – ASSY, D-LOCK, TOOL HOLDERS

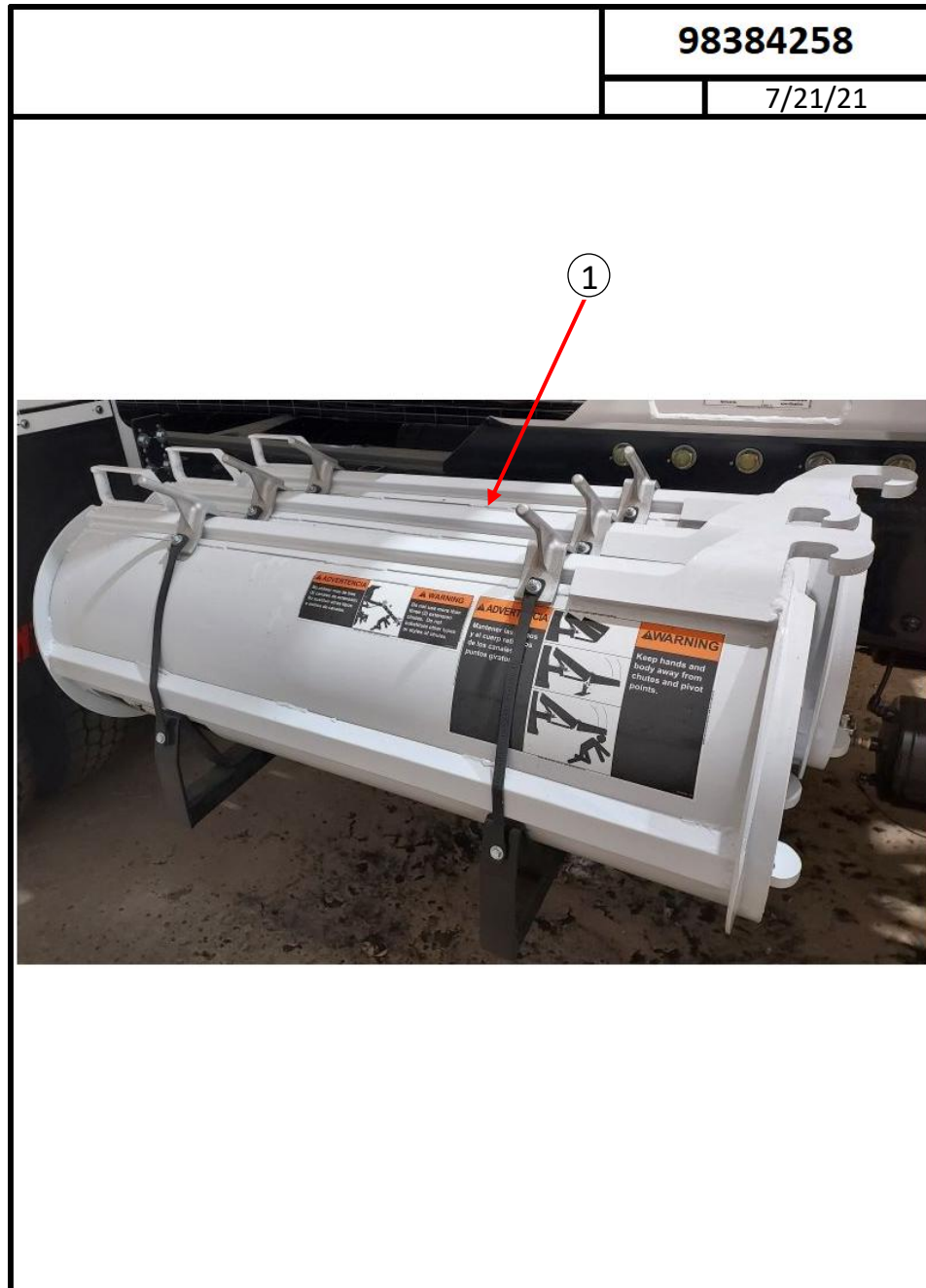


ITEM	PART NO.	DESCRIPTION	QTY
1	70101516	D-LOCK	1
2	30373903	SCREW - HHCS, 5/16-18UNC X 1" - GR 5	6
3	30302128	WASHER - FLAT, 5/16"	12
4	30390383	NUT - 5/16" NYLOCK	6

8 CHUTES

8.1	98384258 – CHUTES 3 FULL ALUMINUM.....	8-147
8.1.1	30408417 – SIDE CHUTE CRADLE W/3 CHUTES.....	8-148
8.2	70102193 – ASSY, HYD. FOLDOVER CHUTE W/BOOSTER	8-151
8.2.1	98429663 – ASSY, HYD. FLIP CHUTE, MODIFIED.....	8-157

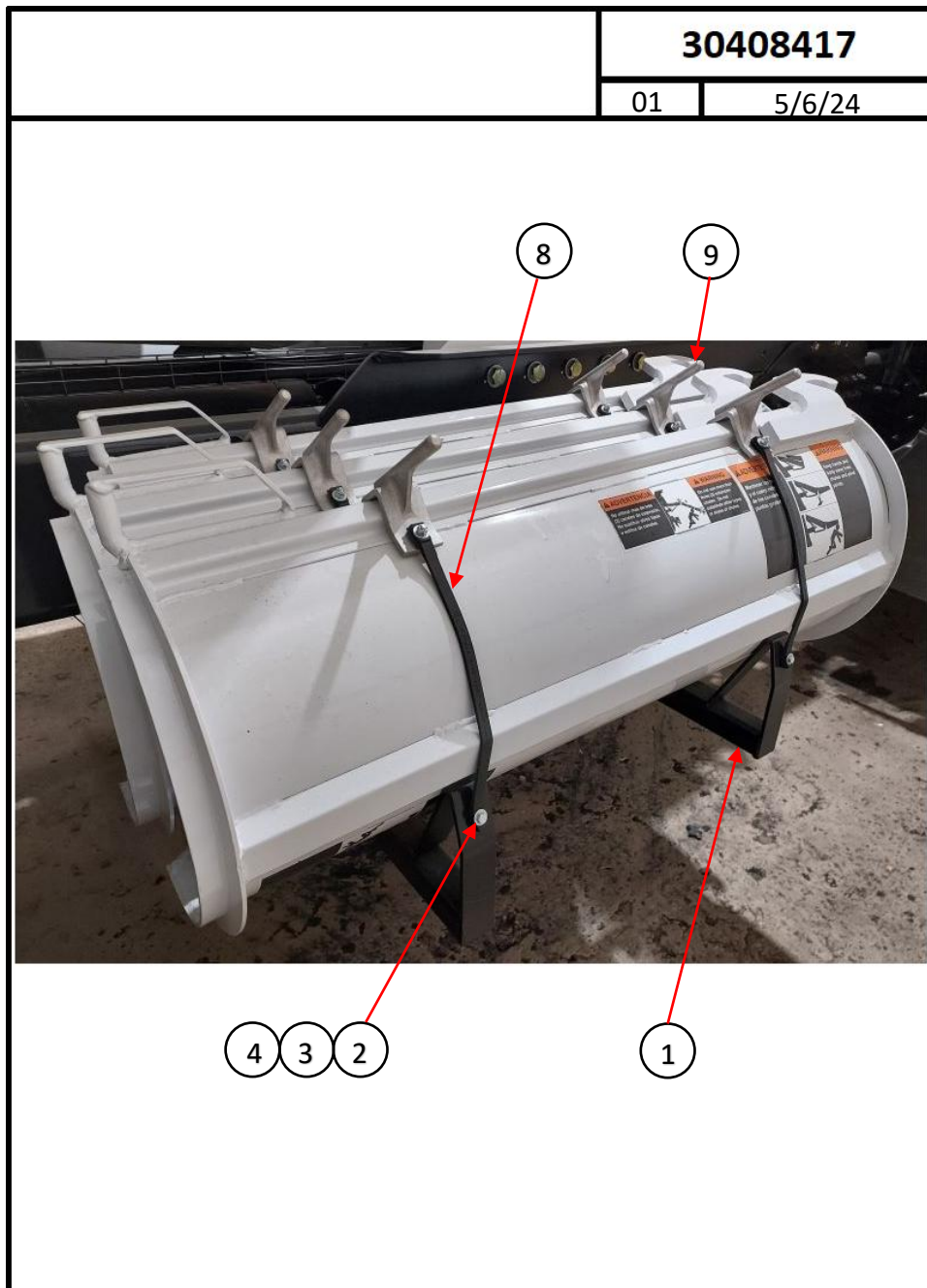
8.1 98384258 – CHUTES 3 FULL ALUMINUM

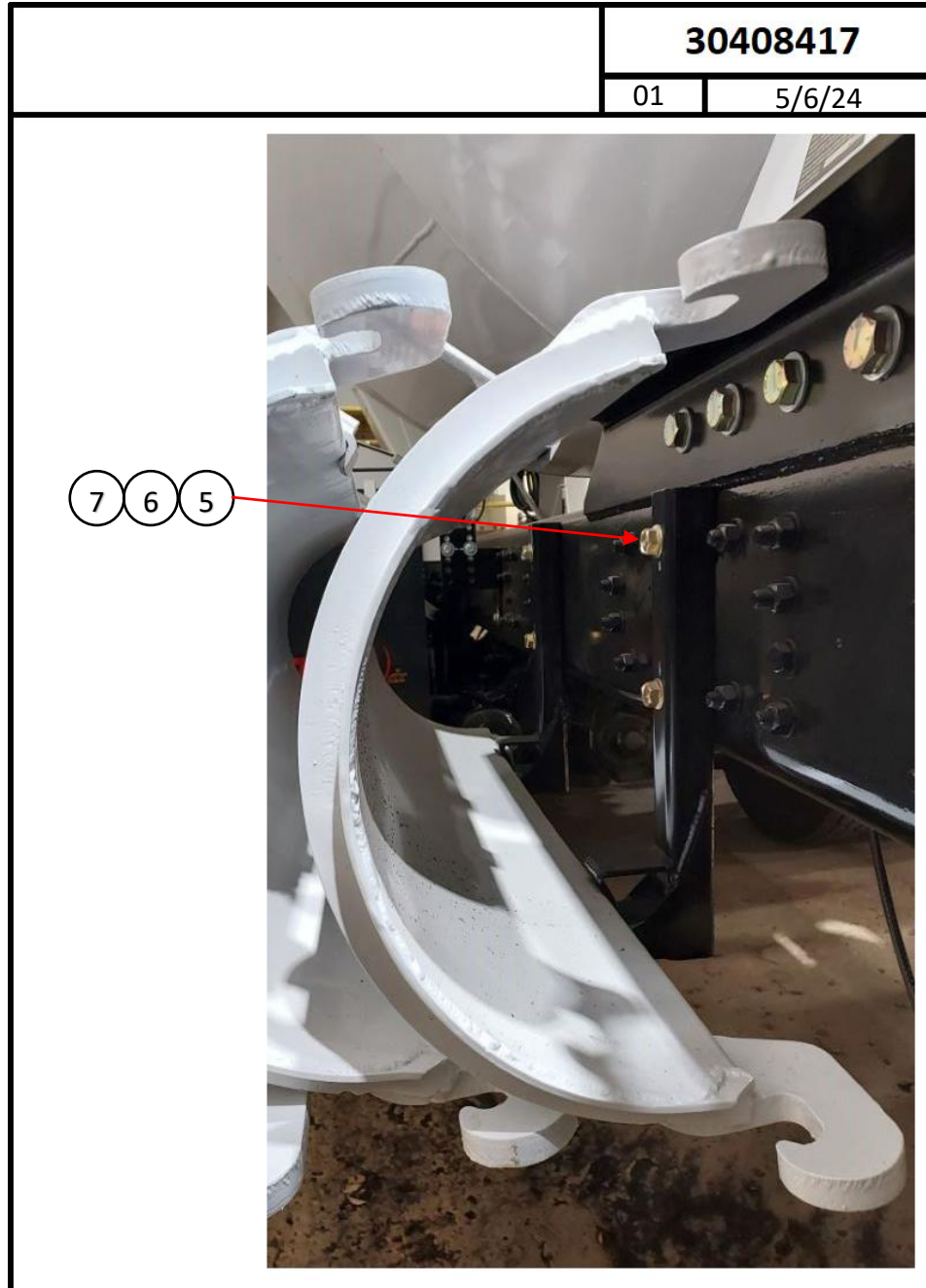


ITEM	PART NO.	DESCRIPTION	QTY
1	98384255	WELDMENT ALUM EXT CHUTE 48" LONG	3

CHUTES

8.1.1 30408417 – SIDE CHUTE CRADLE W/3 CHUTES

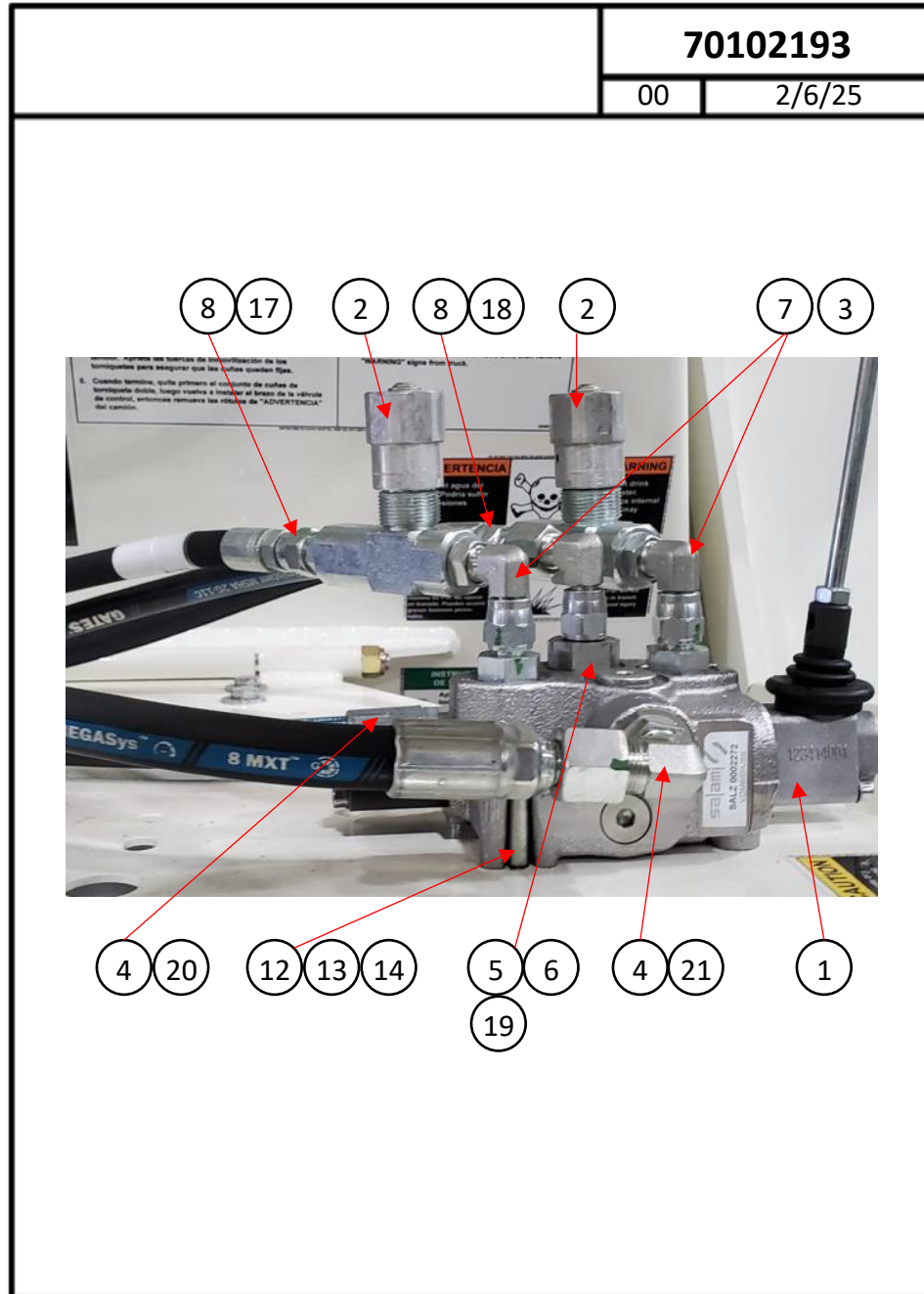


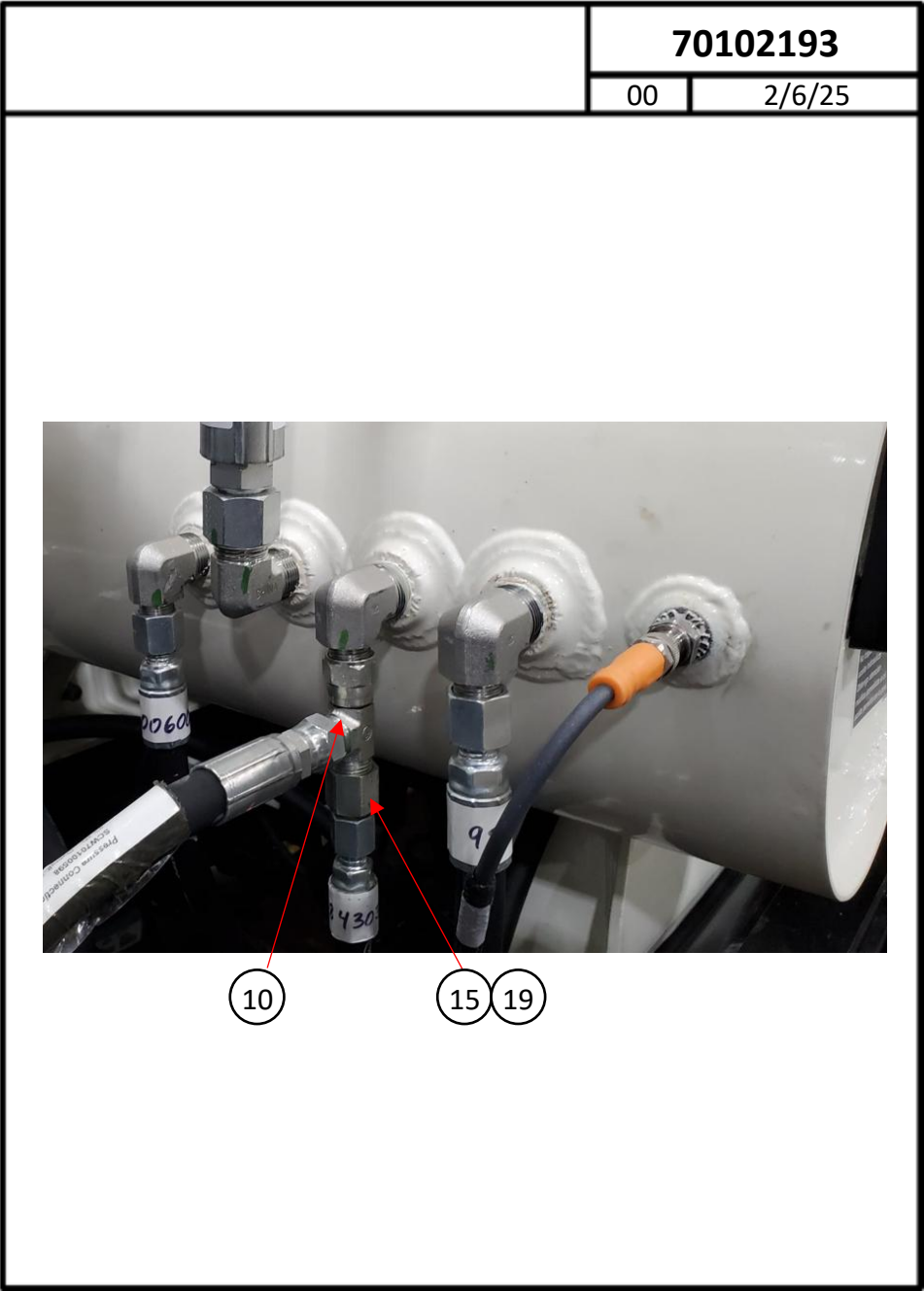


CHUTES

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

8.2 70102193 – ASSY, HYD. FOLDOVER CHUTE W/BOOSTER





70102193

00

2/6/25

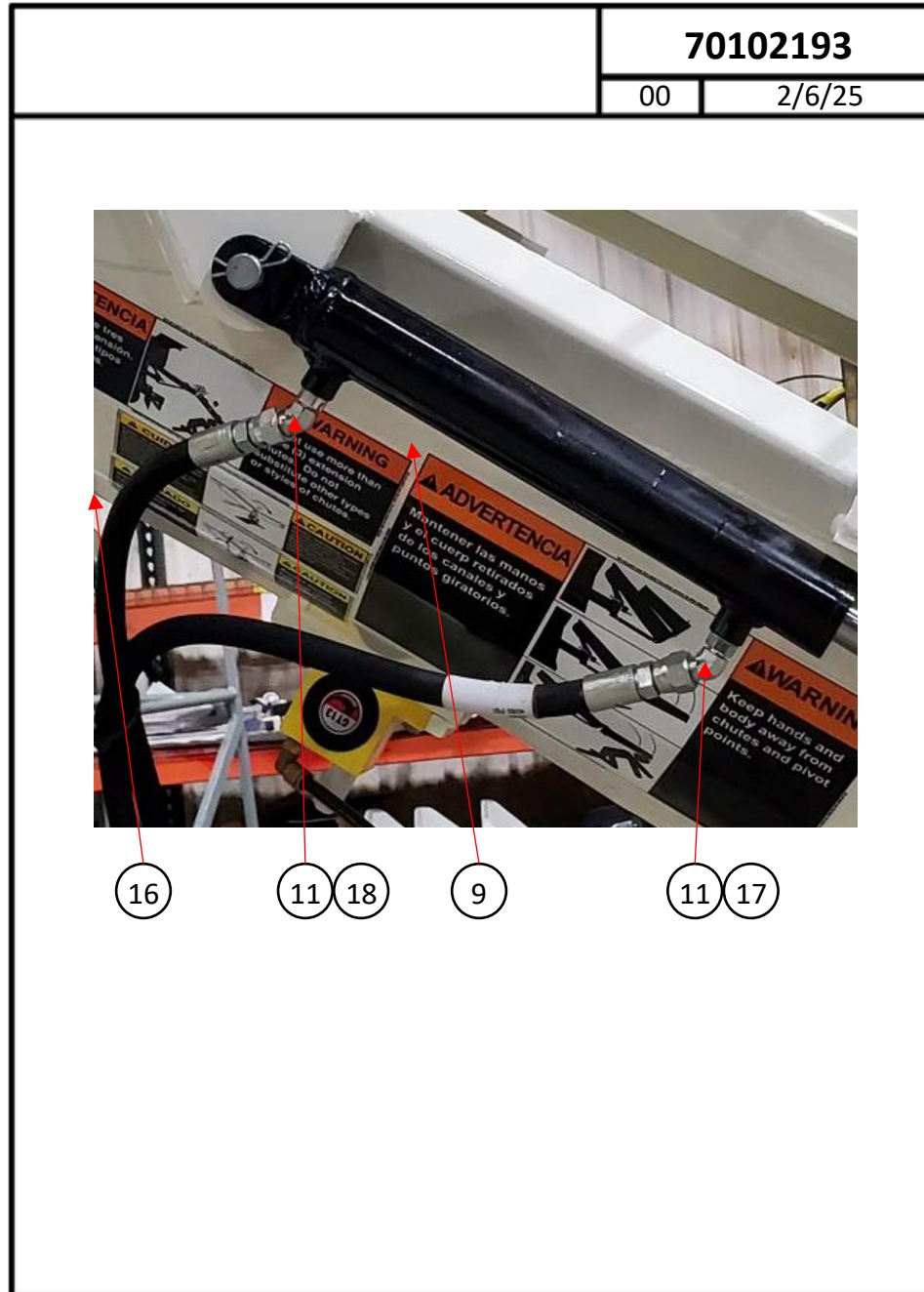


ITEM 4
INCLUDED
AS
REFERENCE

4

20

		70102193	
		00	2/6/25
 21			

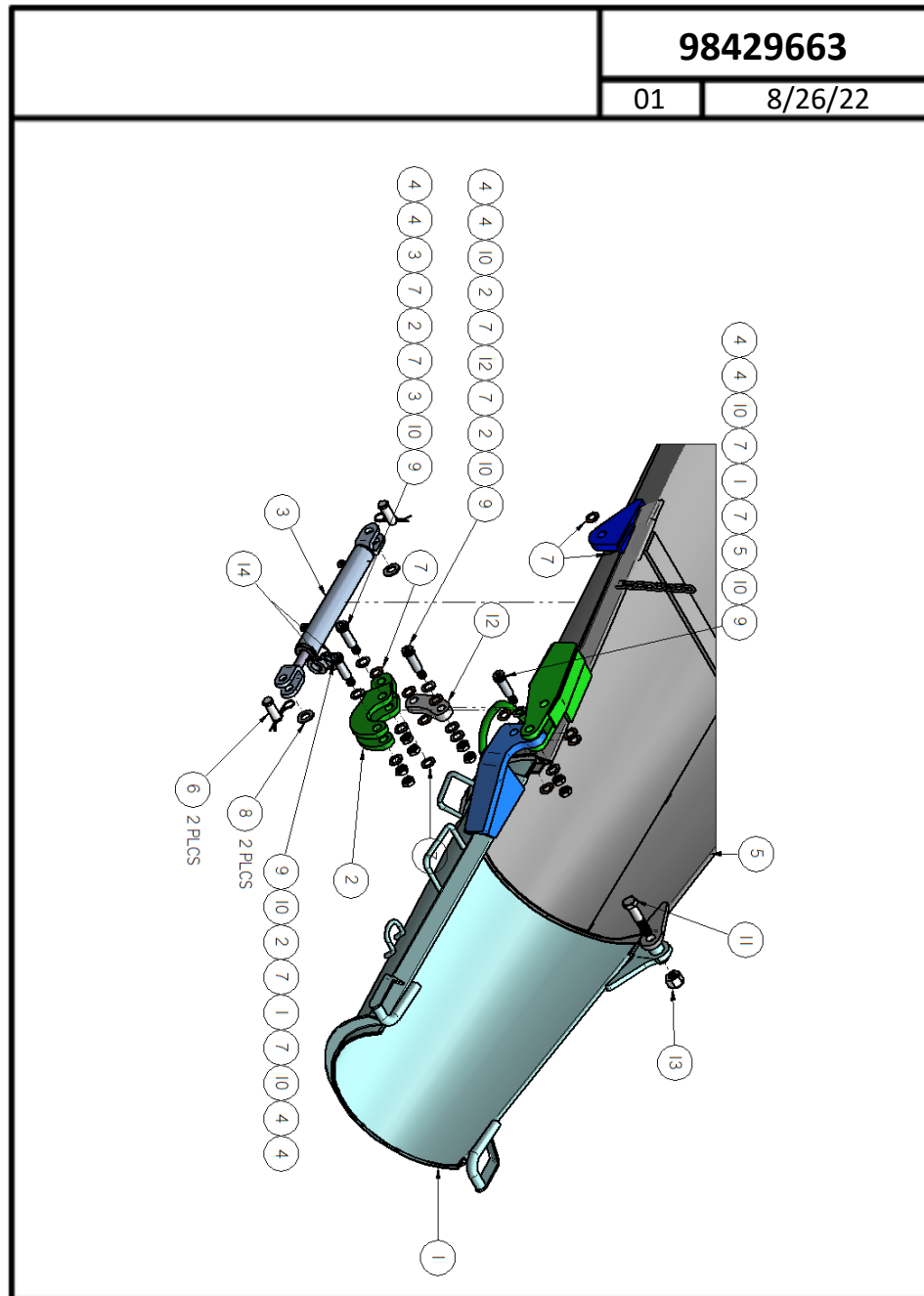


CHUTES

ITEM	PART NO.	DESCRIPTION	QTY
1	70101892	VALVE, CHUTE FOLD	1
2	70101738	VALVE, FLOW REGULATOR SAE 6	2
3	30389170	FITTING - HYD #6 37° X #8 ORB	2
4	30389462	FITTING - HYD 90° ELB #8 37° X #8 ORB	3
5	30389374	FITTING - HYD 90° ELB #6 SWIV X #6 37°	1
6	70101744	FITTING - HYD #6 37° X #10 ORB	1
7	70101745	FTG, 90° ELB #6 SWIV 37°X #6ORB	2
8	30389362	FITTING - HYD #6 37° X #6 ORB	2
9	98429663	ASSY, HYD. FLIP CHUTE, MODIFIED	1
10	98430964	FITTING - HYD TEE #8 37° SWIV NUT RUN	1
11	70100786	FITTING - HYD. 45° #4 ORB X #6 37° FLARE	2
12	10011311	SCREW ISO 4014 M 8 x 65-8.8-VZD	2
13	10010371	WASHER DIN 125 B 8.4-140HV-A2C	4
14	10001248	NUT ISO 4032 M 8-8-VZD	2
15	70102204	FITTING - HYD #8 FJIC TO #6 MJIC	1
16	98389430	PARTS TIE MOUNT W/O PILOT NYLON 14.8"	1
17	98430289	HOSE, HYD SAE 6/6 x 122" - 5000 PSI	1
18	98430288	HOSE, HYD SAE 6/6 x 113" - 5000 PSI	1
19	70102203	HOSE, HYD SAE 6/6 x 256.5" - 5000 PSI	1
20	70102195	HOSE, HYD SAE 8/8 x 275" - 4500 PSI	1
21	70102194	HOSE, HYD SAE 8/8 x 262" - 4500 PSI	1

NOTE: CYLINDER PORTS MUST FACE DOWN

8.2.1 98429663 – ASSY, HYD. FLIP CHUTE, MODIFIED



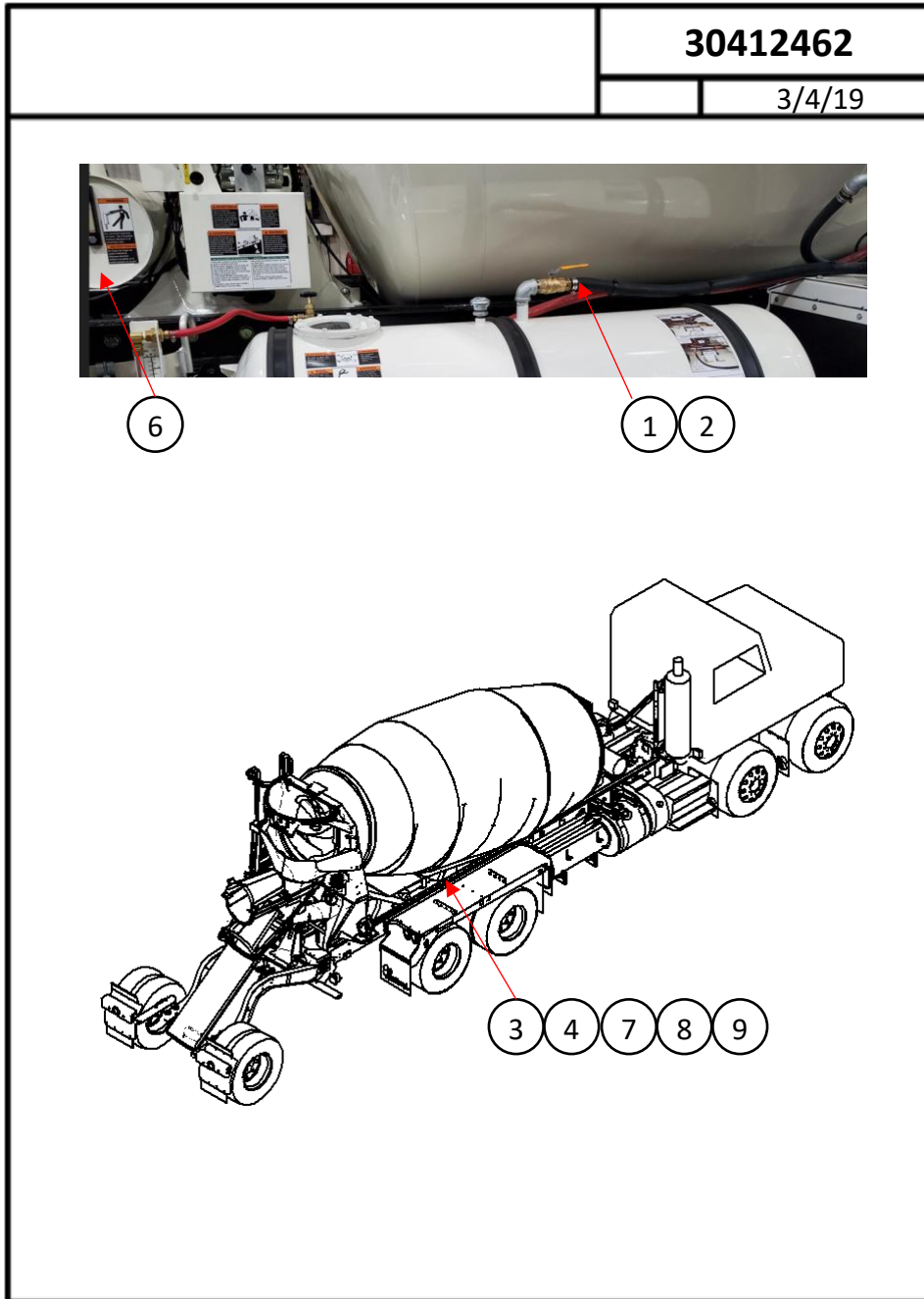
BOOSTER

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

9.1	30412462 – MOUNTING 100% BOOSTER	9-159
9.2	70101644 – TRUCK PREP 100% BSTR 14YARD	9-162
9.2.1	98404102 – HARNESS MIXER, DUAL TAIL LIGHT	9-166
9.2.2	30358382 – HARNESS CONT TAIL MARKER LIGHTS.....	9-167
9.2.3	30389128 – HARNESS BOOSTER LIGHTING TRUCK.....	9-168
9.2.4	30359462 – HARNESS BACKUP ALARM	9-169
9.2.5	70100809 – HARNESS REVERSE ALARM	9-170
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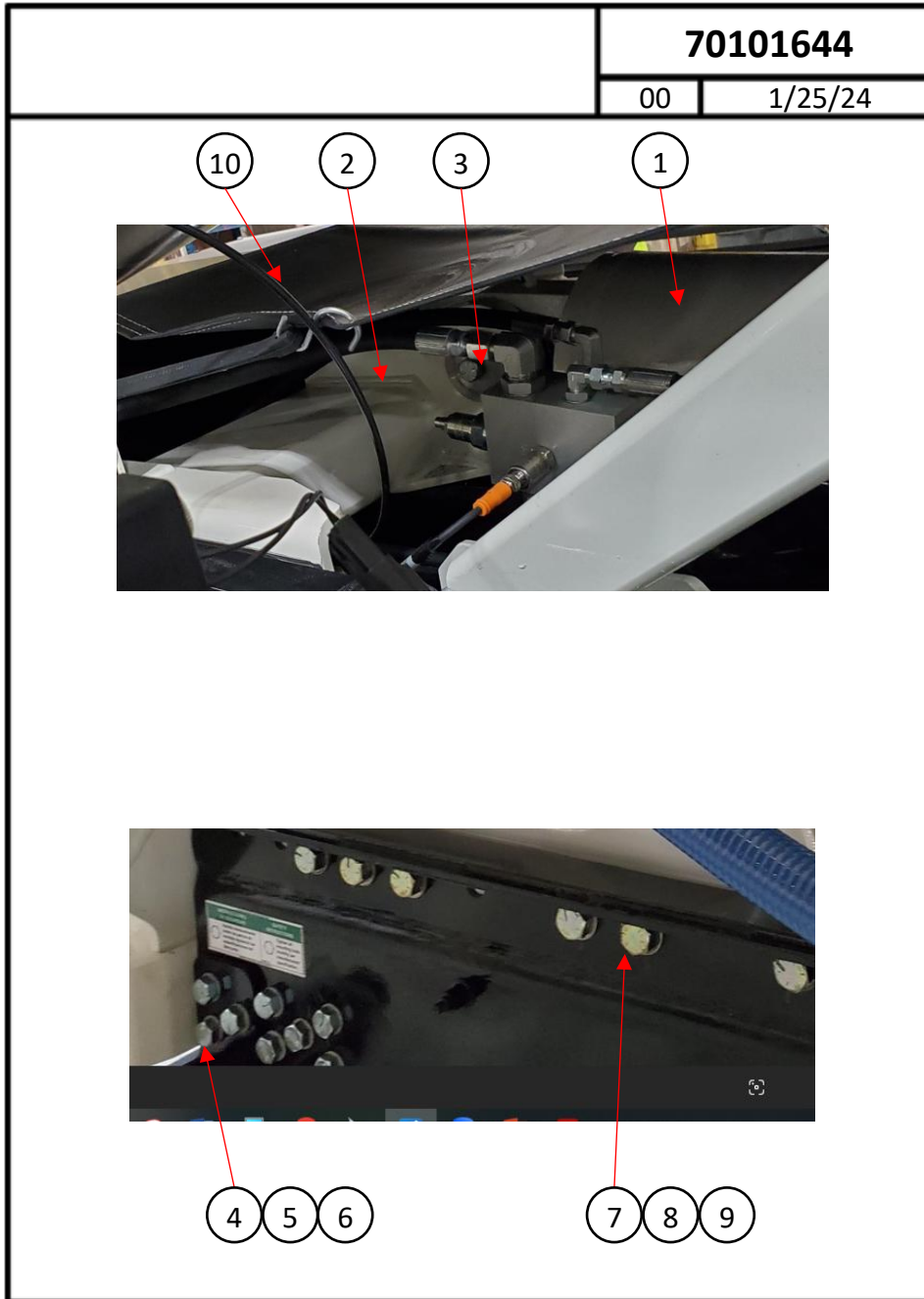
9.1 30412462 – MOUNTING 100% BOOSTER

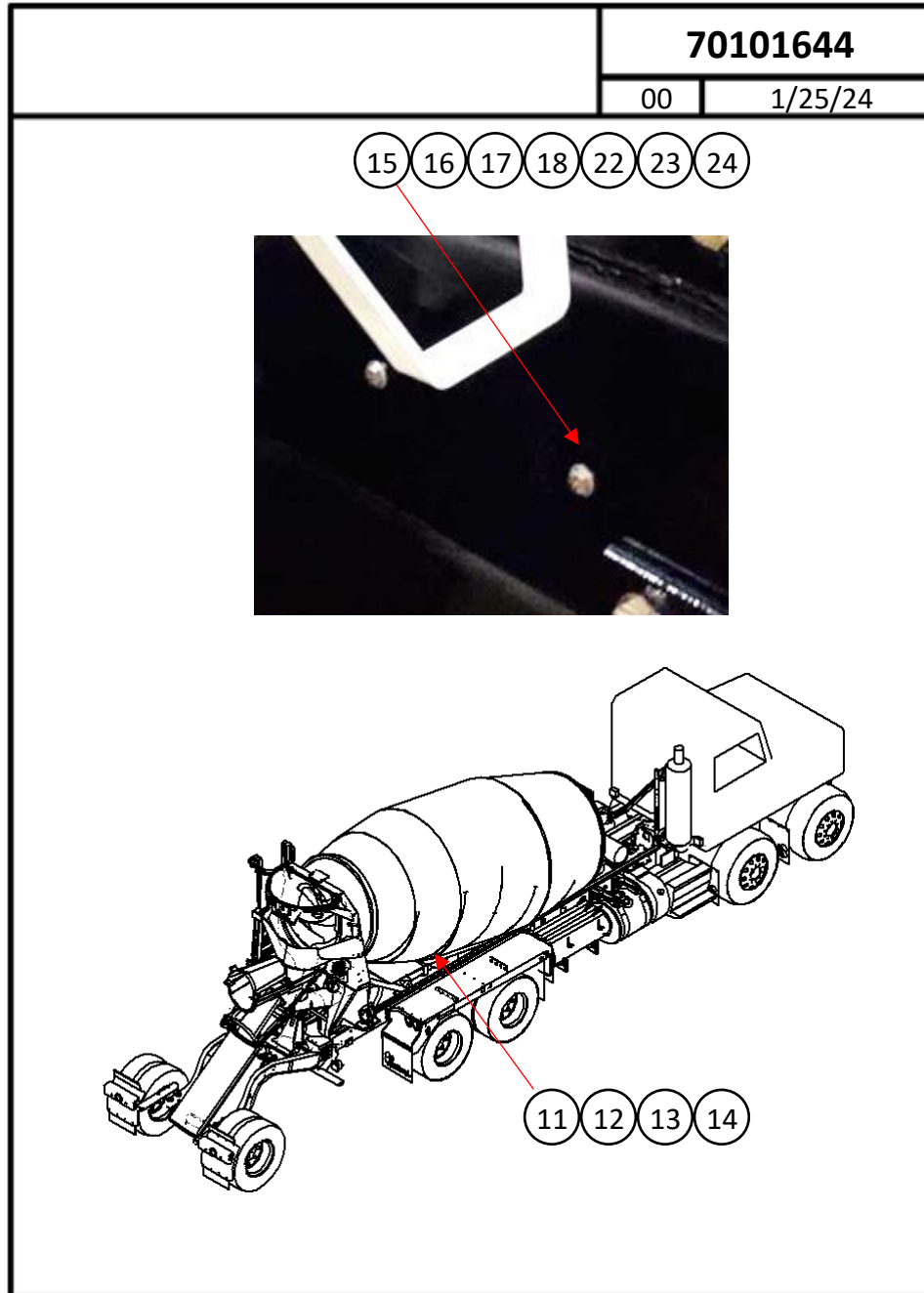


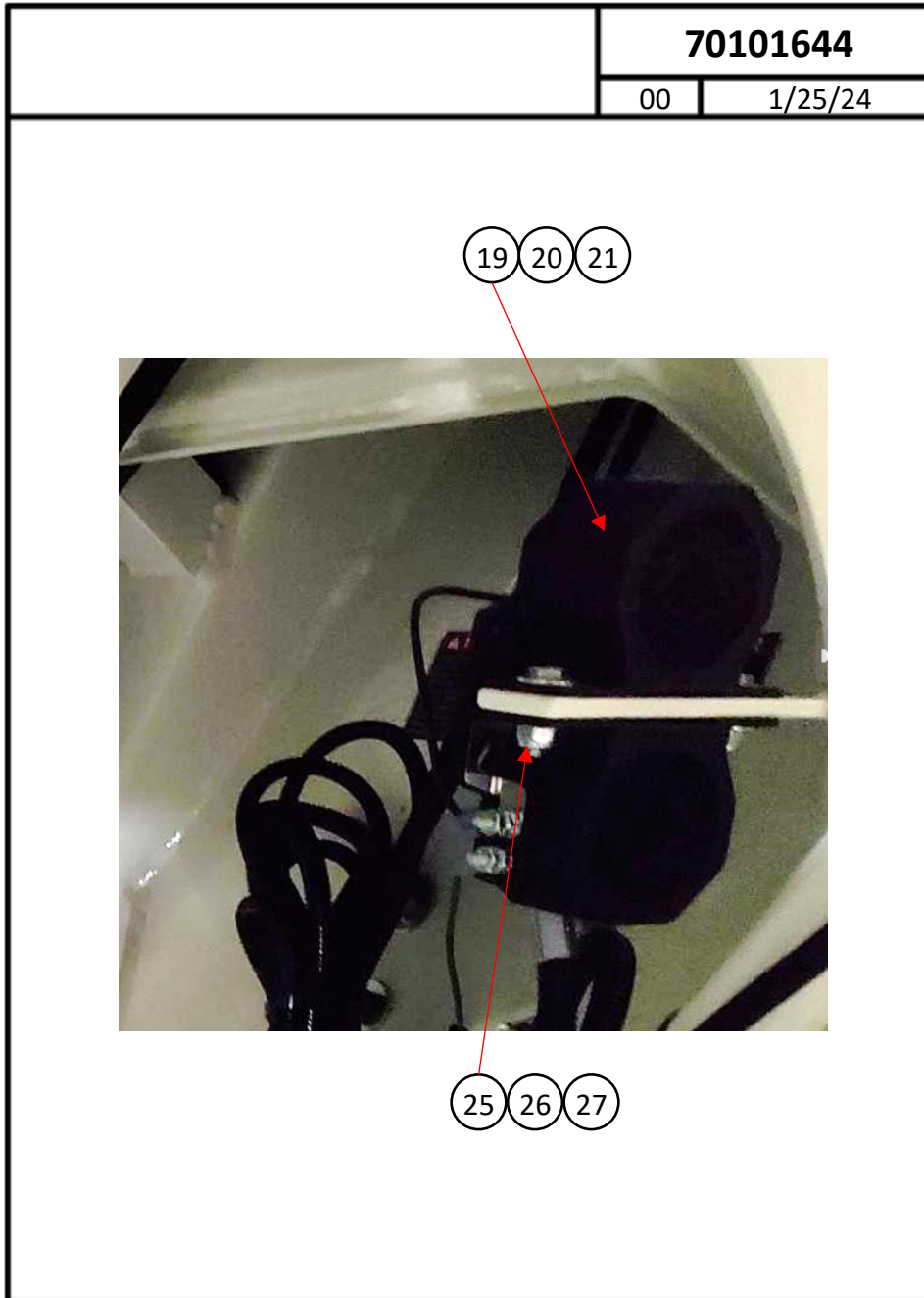
ITEM	PART NO.	DESCRIPTION	QTY
1	30389226	HOSE - WATER, 1"	17
2	30303225	HOSE CLAMP 13/16" - 1 3/4" #2	2
3	30339771	FITTING RDCR HEX NPPL 1/2-1/4	1
4	30339774	VALVE-PNEU, PRESSURE PROTECT	1
5	30386769	ASSY, AIR PANEL 0-60 COMPLETE	1
6	30345410	OIL - HYD, ISO VG 46, BULK GA	23
7	98373298	PART NYLON HOSE 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

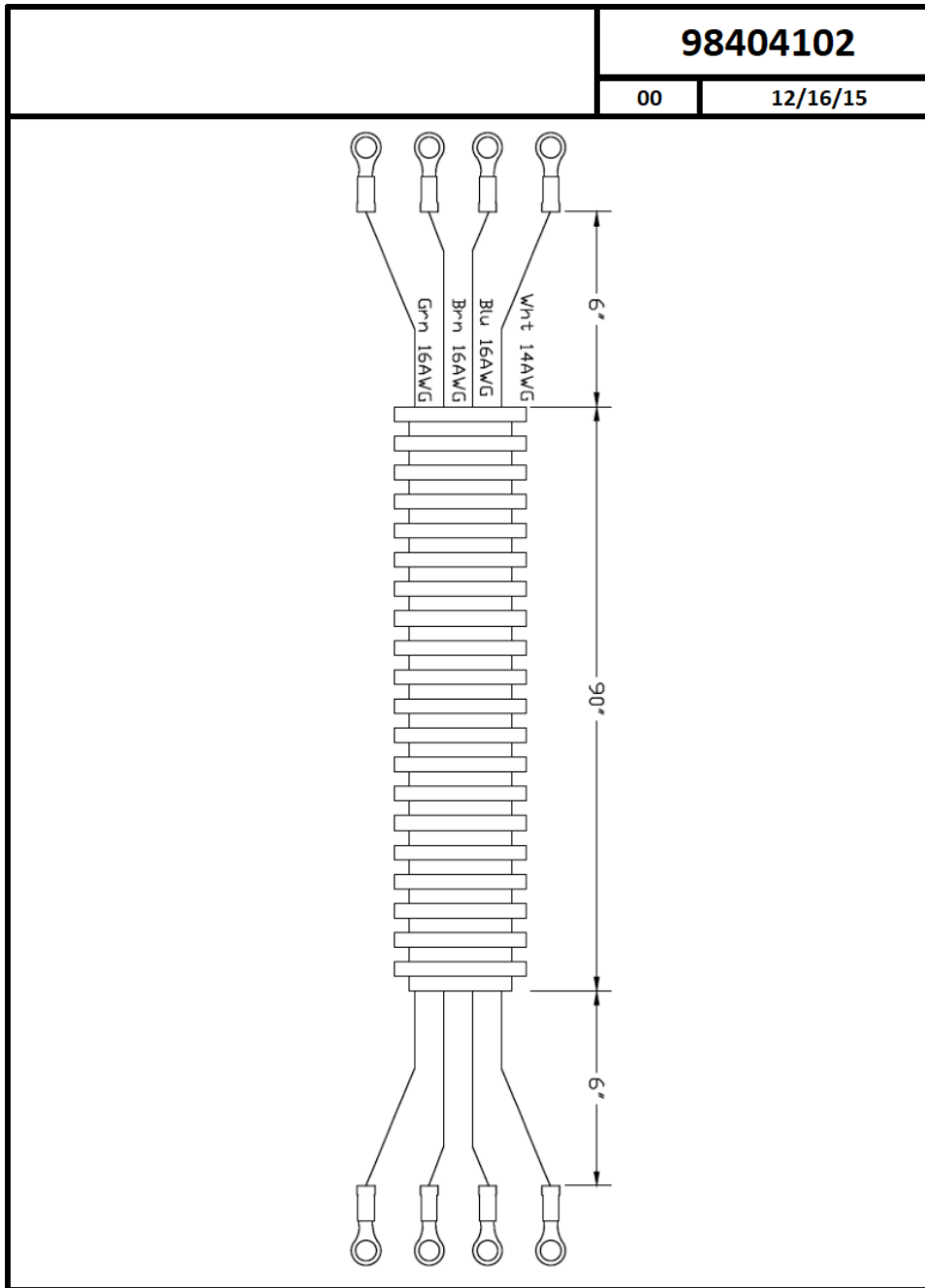




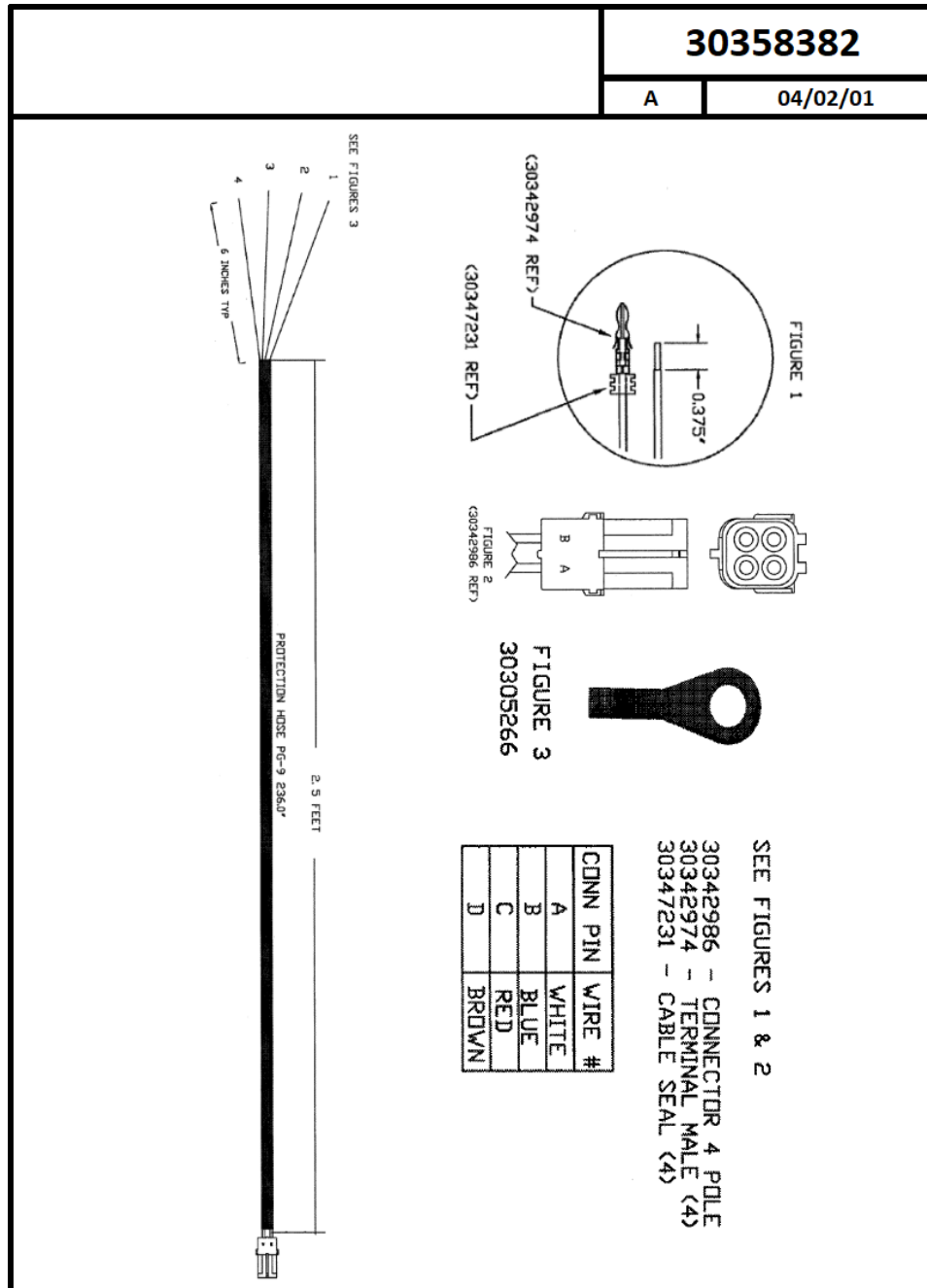


ITEM	PART NO.	DESCRIPTION	QTY
1	70101250	CYLINDER, BOOSTER TANDEM	1
2	98329215	WMT - BRKT, BOOSTER CYL MNT	1
3	30389839	PIN - BOOSTER PIVOT, SPLIT PIN	2
4	10002132	SCREW ISO 4014 M 20 X 90-10.9-	16
5	30392112	NUT TOPLOCK M20	16
6	10001509	WASHER DIN 6916 21-C45-GT500	32
7	70100830	SCREW-HEX 7/8"-14X3.00" 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	2
20	30359462	HARN - BACKUP ALARM, MIXER	1
21	70100809	REVERSE ALARM HARNESS	1
22	30390383	NUT - 5/16"-18 NYLOCK	4
23	30393193	HHCS 5/16"-18X1-1/2	4
24	30302128	WASHER - FLAT, 5/16"	8
25	30302132	HHCS, 1/4-20 x 1.00"	2
26	30303735	WASHER - FLAT, 1/4"	4
27	30334582	NUT - 1/4"-20 NYLOCK	2

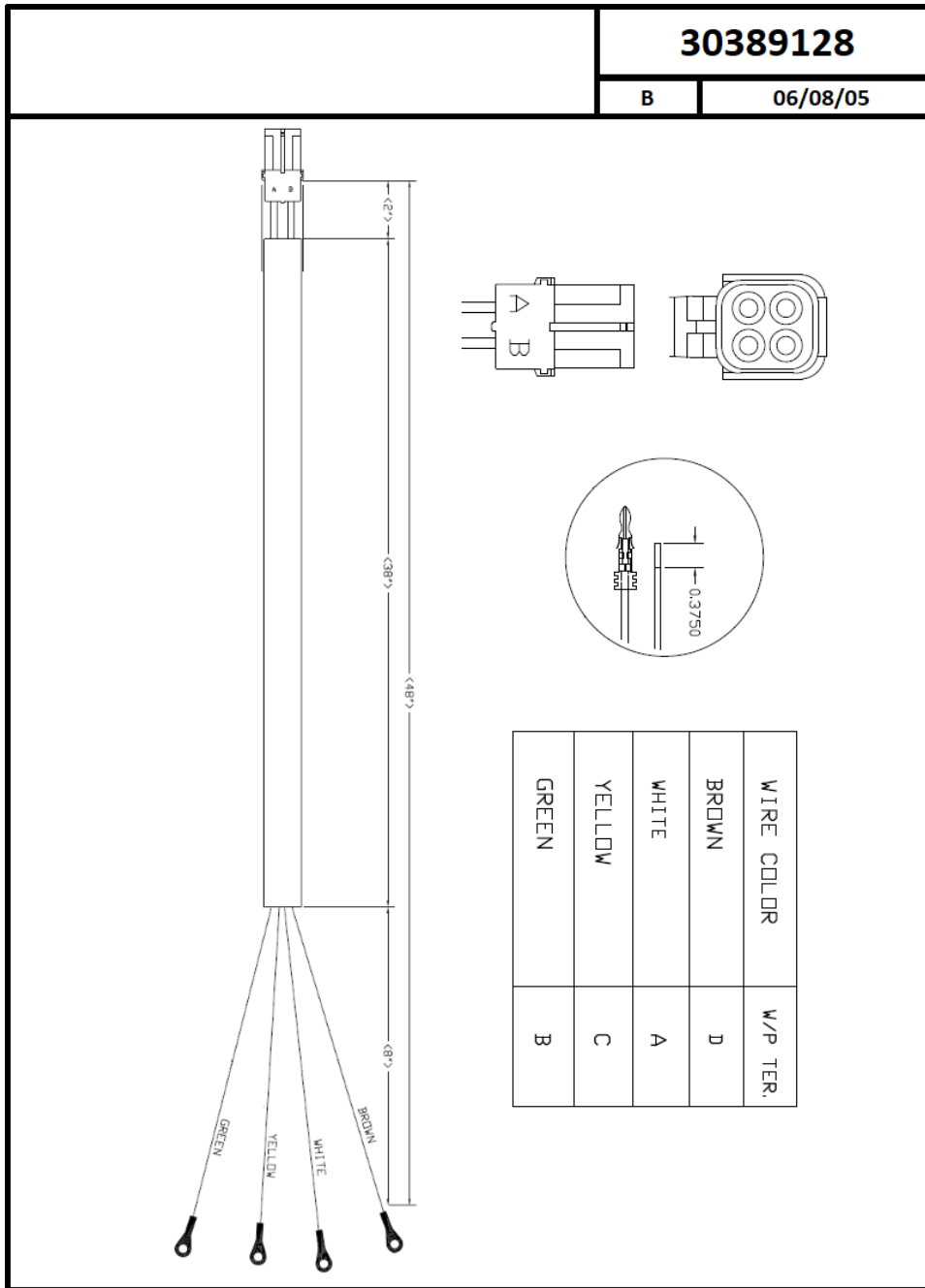
9.2.1 98404102 – HARNESS MIXER, DUAL TAIL LIGHT



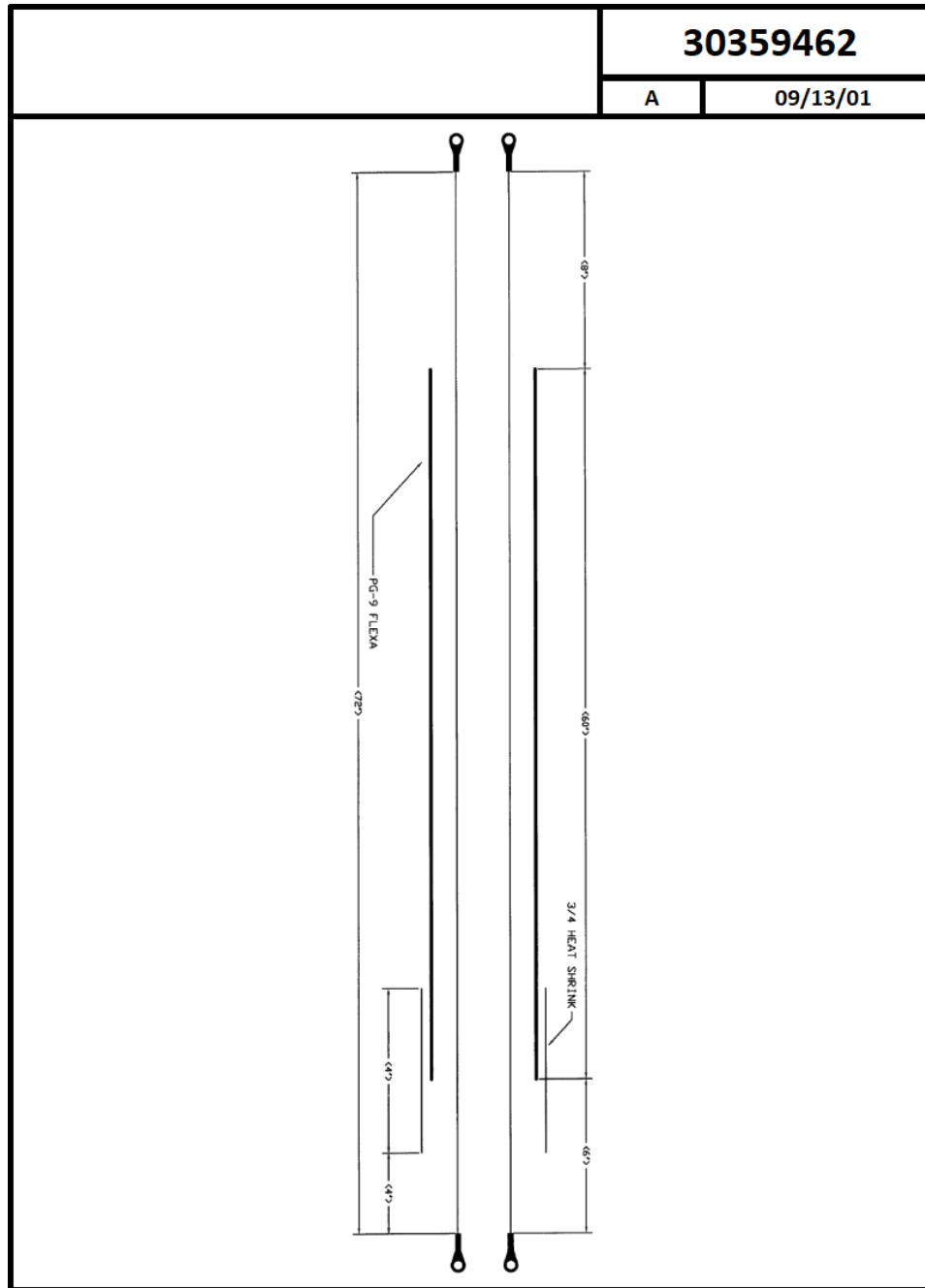
9.2.2 30358382 – HARNESS CONT TAIL MARKER LIGHTS



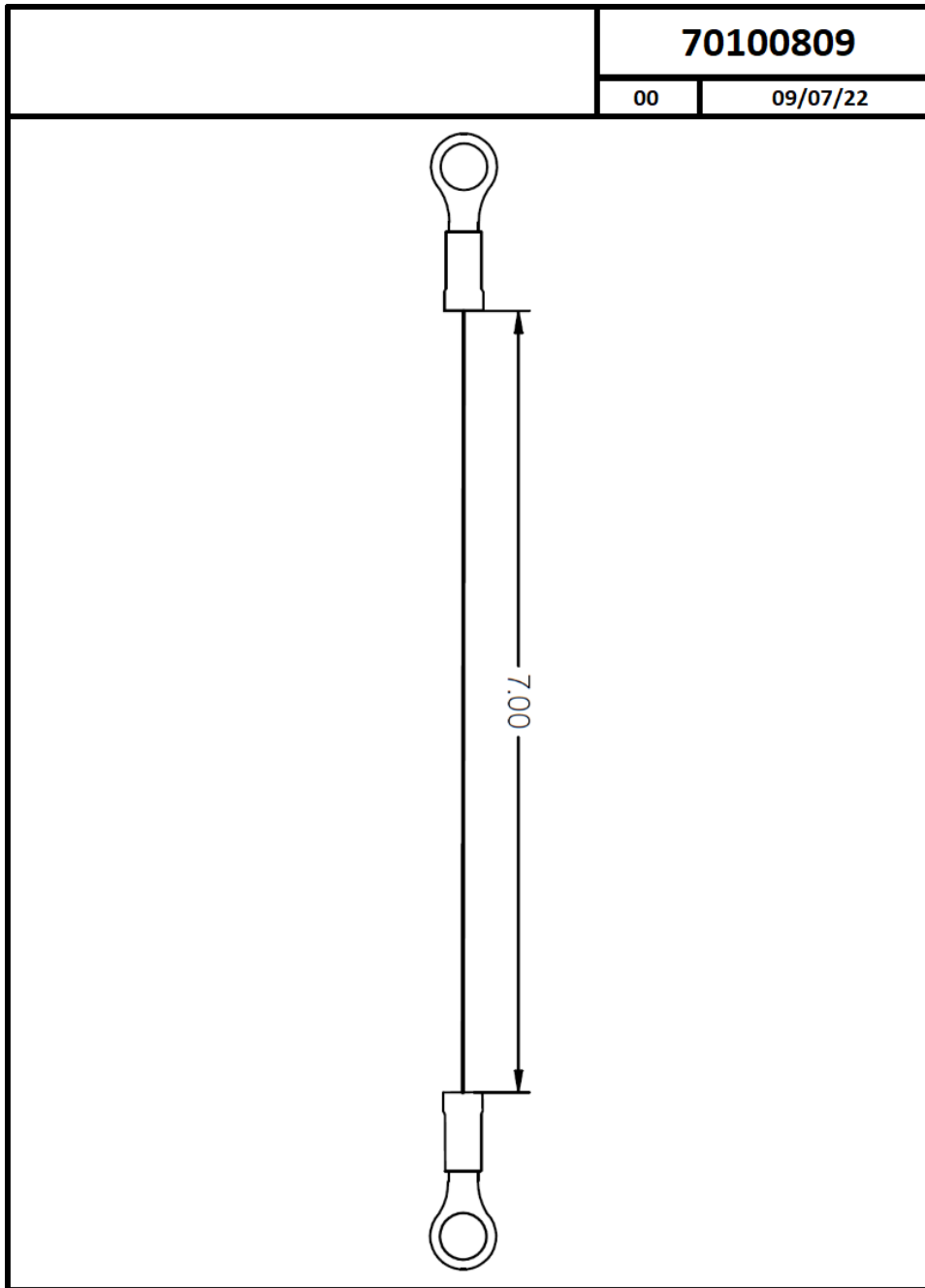
9.2.3 30389128 – HARNESS BOOSTER LIGHTING TRUCK



9.2.4 30359462 – HARNESS BACKUP ALARM



9.2.5 70100809 – HARNESS REVERSE ALARM

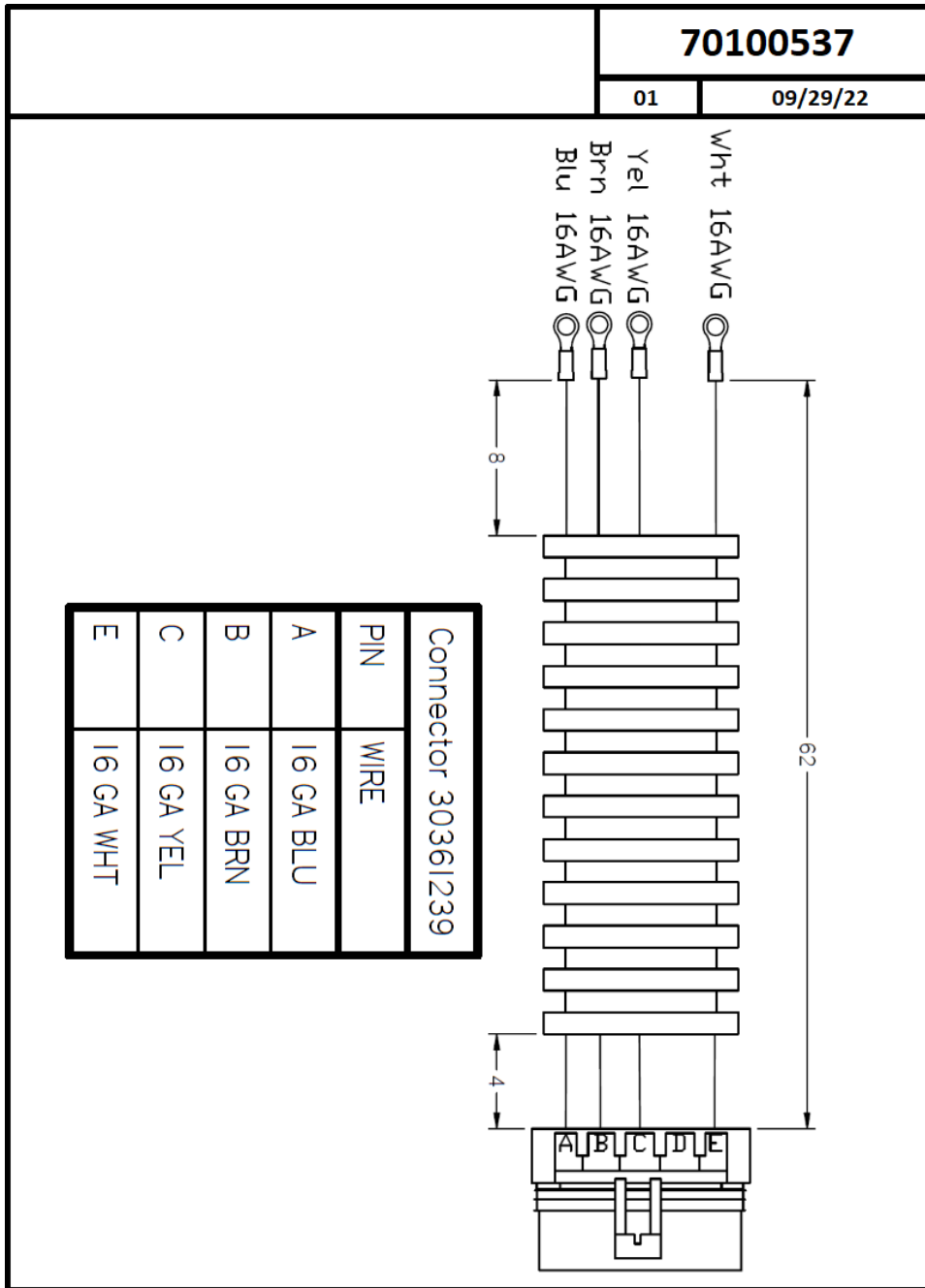


9.3 30412464 – FINAL PREP & ACC MIXER BOOSTER

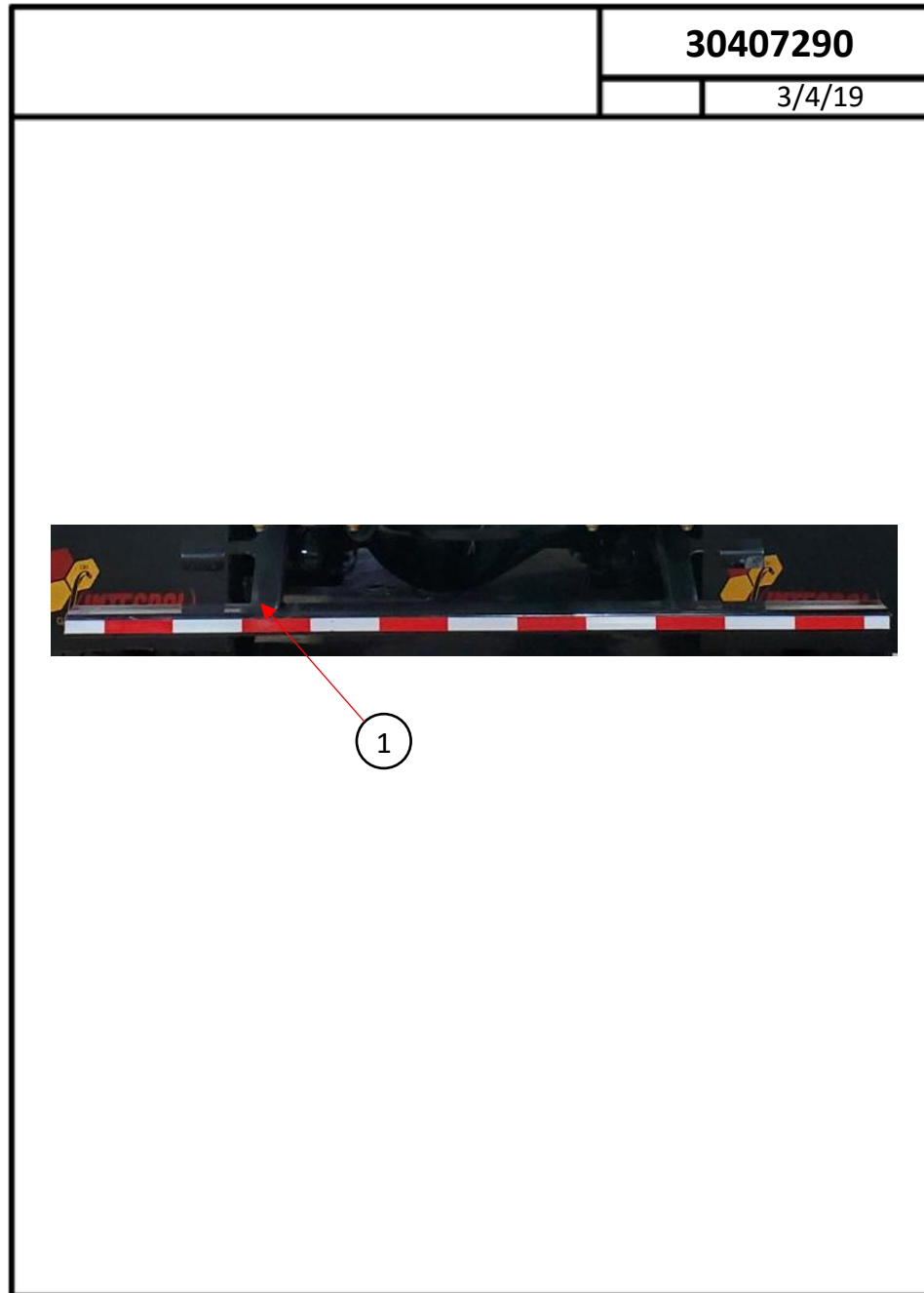
ITEM	PART NO.	DESCRIPTION	QTY
1	30302673	PARTS -WATER HOSE NOZZLE 7239	1
2	30377691	HOSE - WATER, 5/8"X 30' 200PSI	1
3	98404968	KIT - SAFETY DECAL BOOSTER	1
4	30304547	PARTS - CABLE TIE NYL .19 X 14	100
5	30304548	PARTS - CABLE TIE NYLON .31 X	100
6	70100537	TAIL LIGHT HARNESS	2

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

9.3.1 70100537 – TAIL LIGHT HARNESS



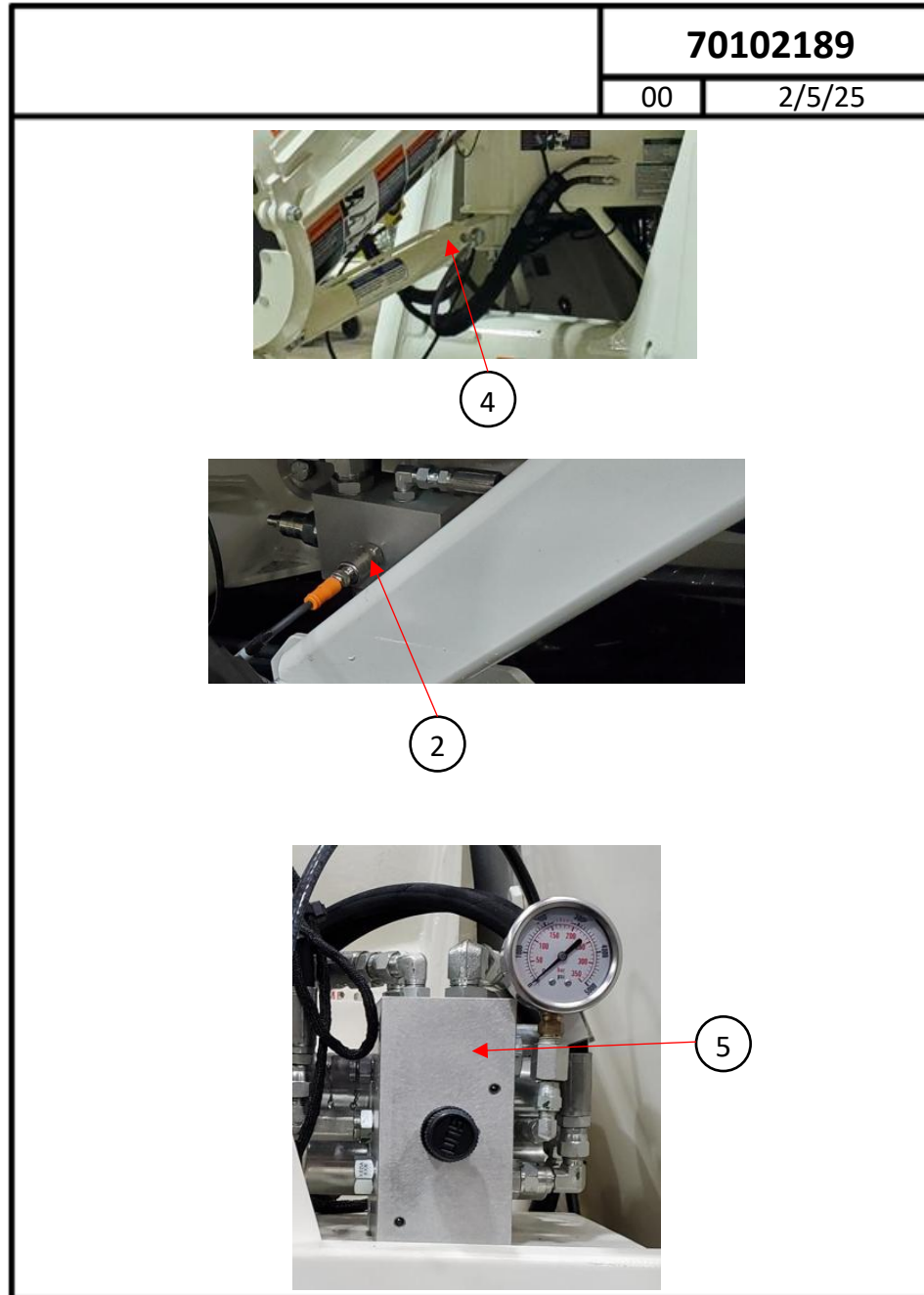
9.4 30407290 – BOOSTER BUMPER STANDARD OP



ITEM	PART NO.	DESCRIPTION	QTY
1	30386272	WMT, REAR BUMPER, GEN 2 BOOSTER	1

9.5 70102189 – ASSY, EP BSTR EATON-P7300, CR0033





70102189

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2/5/25



7 8 9 10 11



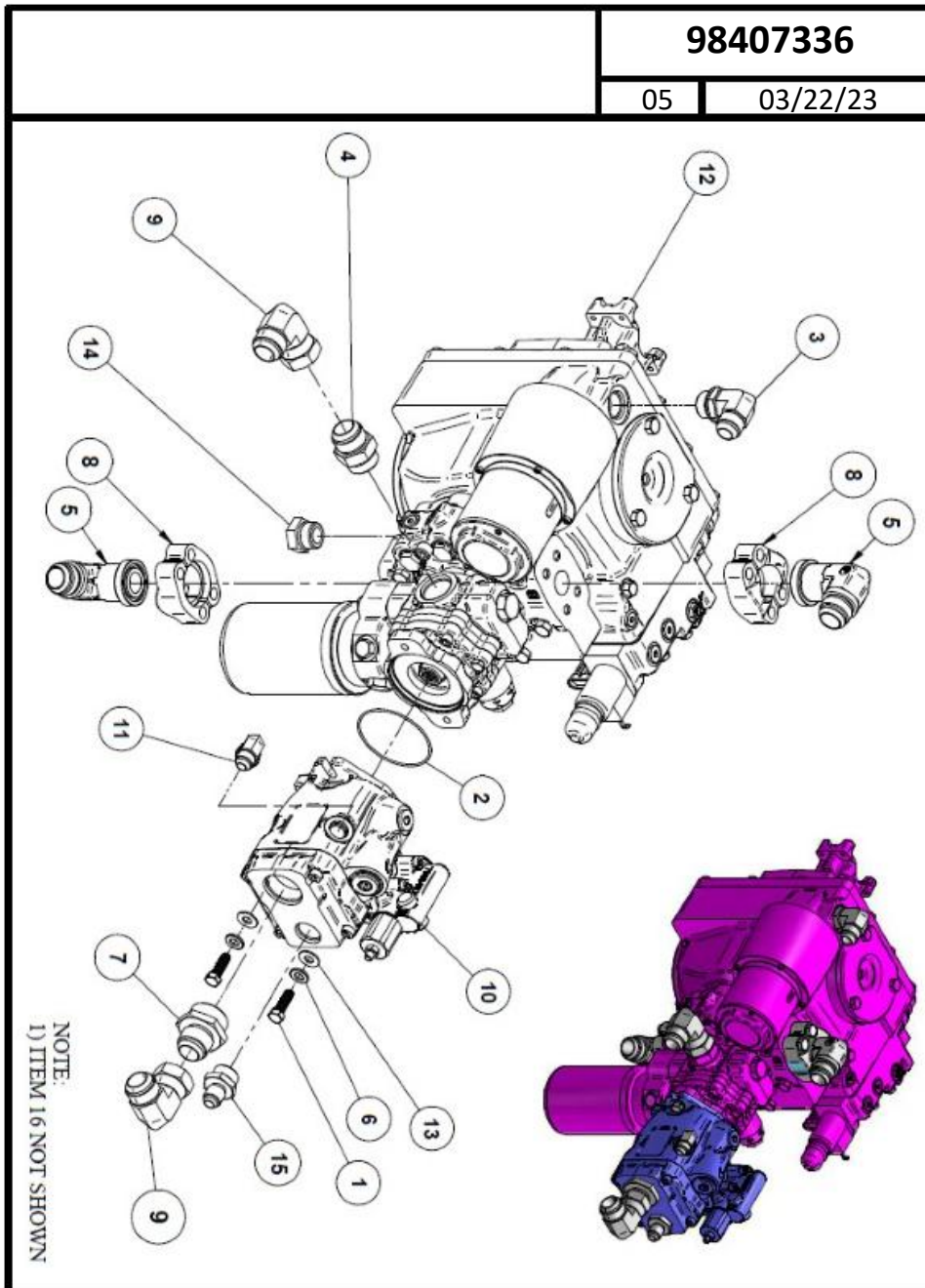
13

ITEM	PART NO.	DESCRIPTION	QTY
1	98407336	ASSY, BOOSTER EP EATON	1
2	98404274	ASSY, HYDRAULIC BOOSTER CYLINDER	1
3	70101688	ASSY, ASA OIL COOLER FITTINGS	1
4	98404304	ASSY, CHUTE CYLINDER FITTINGS	1
5	98404271	ASSY, BOOSTER VALVE	1
6	98416002	ASSY, MOTOR, EATON	1
7	98402523	HARNESS MIXER, BOOSTER	1
8	98402525	HARNESS MIXER, DRUM CHARGING	1
9	70102190	HARNESS MIXER, CAB CONNECT	1
10	98397801	HARNESS MIXER, CAB PROP CON	1
11	70100923	HARNESS MIXER, MAIN, CR0033	1
12	98405135	HARNESS MIXER, EATON ADAPTER	1
13	98414087	ASSY, REAR PED ELECTRICAL	1

NOTE: HARNESSES CONNECT TO MAIN HARNESS INSIDE CONTROL BOX

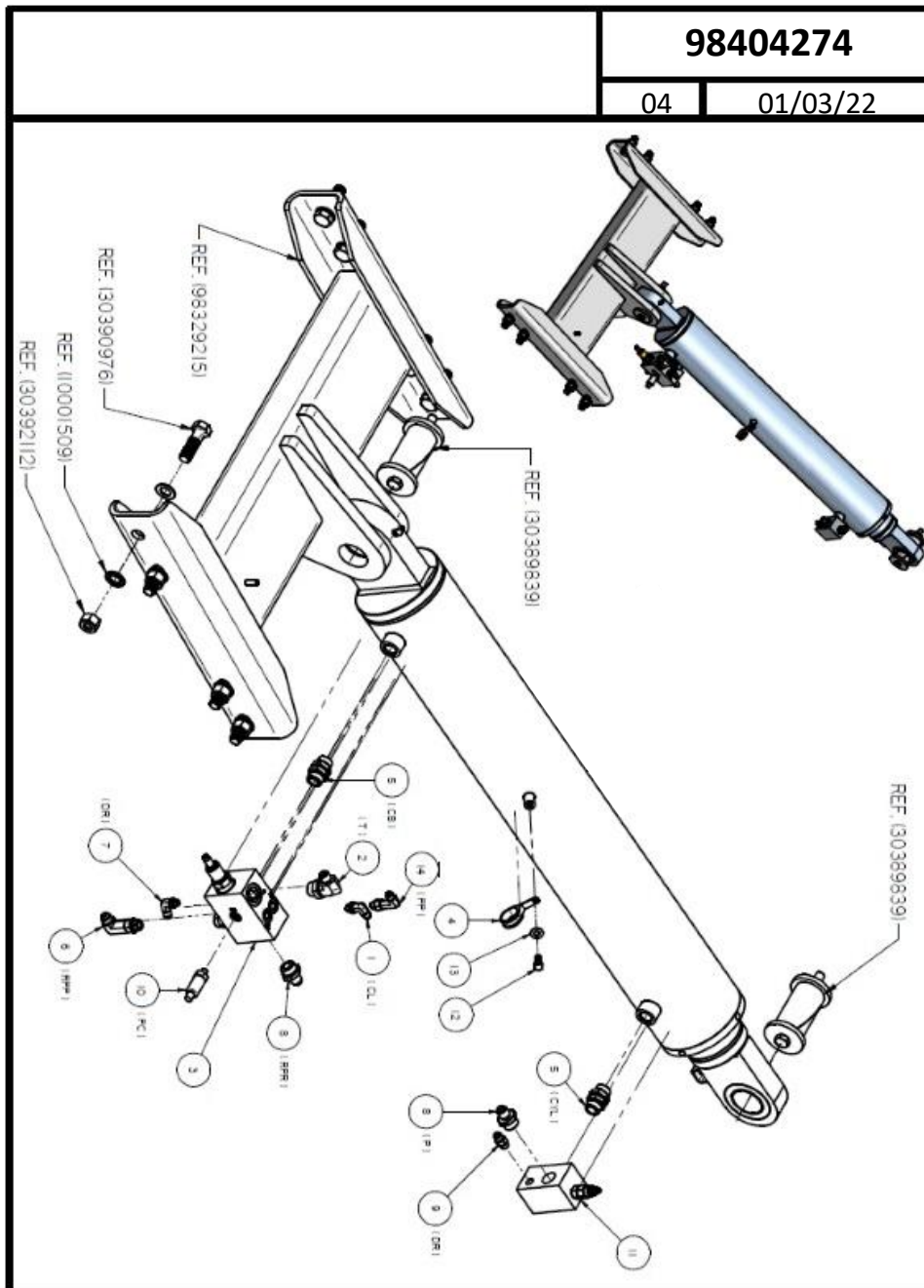
BOOSTER

9.5.1 98407336 – ASSY, BOOSTER EP EATON



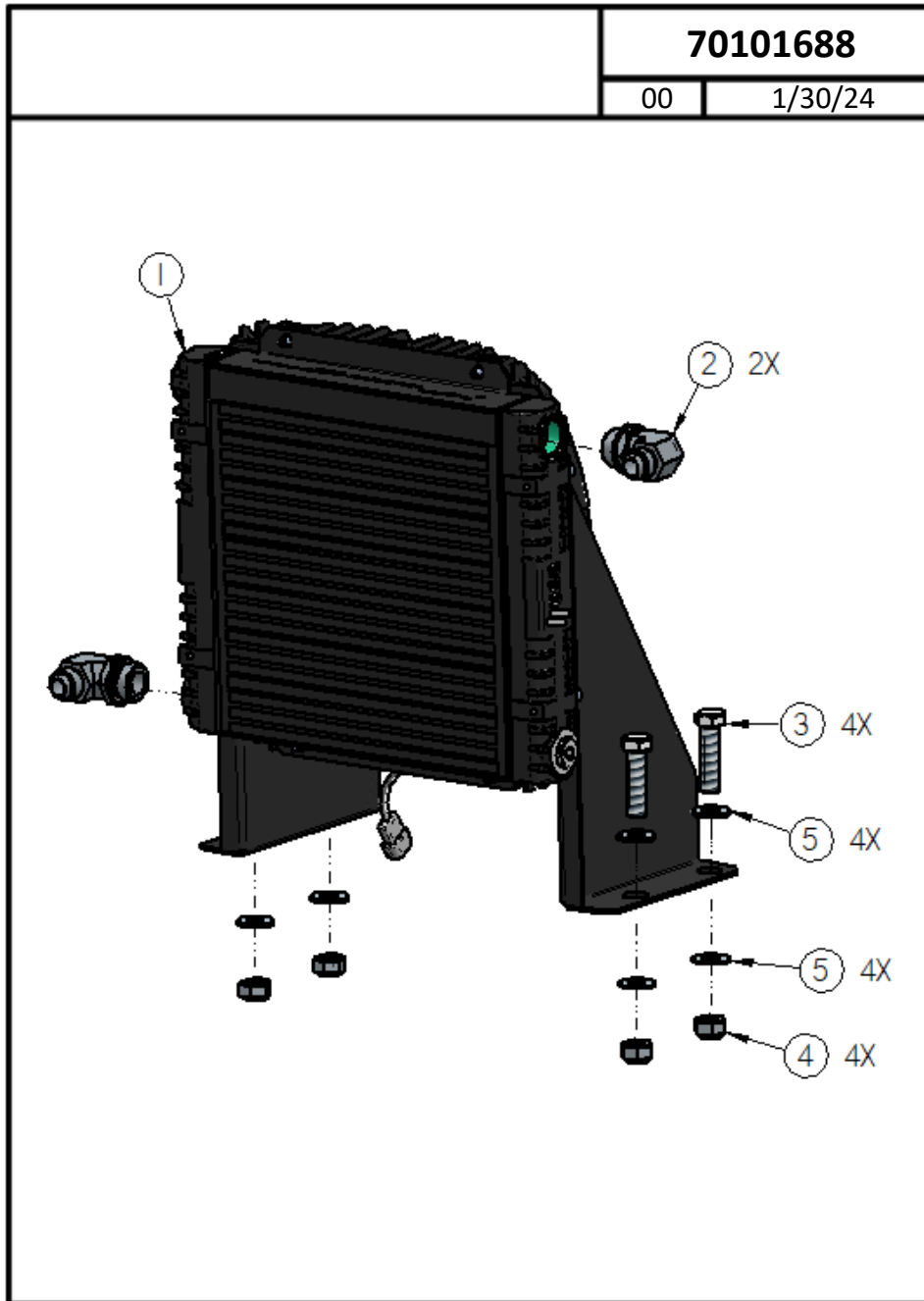
ITEM	PART NO.	DESCRIPTION	QTY
1	30302817	3/8-16 NC X 1-1/4 LG (SCREW)	2
2	10042863	O-RING 79 X 2 NBR 70	1
3	30389166	FITTING - HYD 90° ELB #12 37° X #12 ORB	1
4	30389365	FITTING - HYD #16 37° X #16 ORB	1
5	30309759	FLANGE ELBOW - CODE 62 1" SAE FLANGE X 1	2
6	10011143	WASHER DIN 125 B 10.5-140HV-VZD	2
7	98324110	FITTING HYD #16 FLARE TO #20 ORB	1
8	30309760	FLANGE KIT - 1", CODE 62	2
9	30389486	FITTING - HYD 90° ELB #16 SWIV X #16 37°	2
10	98397349	PUMP - HYD, REAR PORTED BOOSTER AXLE, REX	1
11	30389462	FITTING - HYD 90° ELB #8 37° X #8 ORB	1
12	70101200	PUMP, HYD, EATON 54, CW, FC	1
13	10129841	SCREW RETAINER SKM 10-GT320	2
14	98398643	FITTING -HYD, PLUG #12 ORB	1
15	30389465	FITTING - HYD #8 37° X #12 ORB	1
16	70100071	1310 STRAP AND BOLT KIT	1

9.5.2 98404274 – ASSY, HYDRAULIC BOOSTER CYLINDER



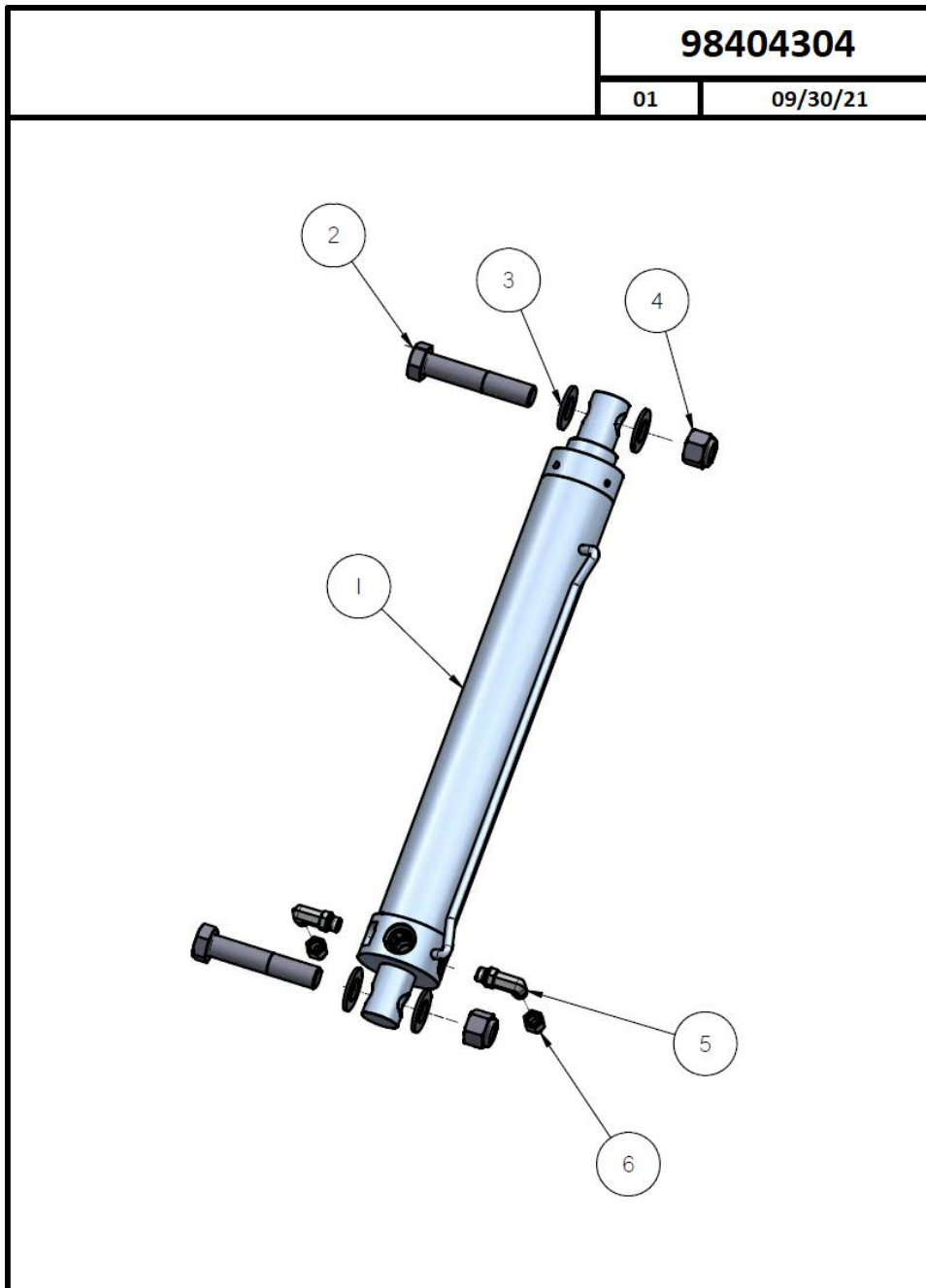
ITEM	PART NO.	DESCRIPTION	QTY
1	30389160	FITTING - HYD 90° ELB #6 37° X #6 ORB	1
2	30389165	FITTING - HYD 90° ELB #8 37° X #12 ORB	1
3	30389132	VALVE - HYD, PISTON END BOOSTER AXLE	1
4	30389730	CLAMP - HOSE, RUBBER LINED X 1	1
5	30389162	FITTING - HYD UNION #12 ORB X #12 ORB	2
6	30386265	FITTING ELBOW LNG #8 ORB TO #8 FLARE	1
7	30389385	FITTING - HYD 90° ELB #6 37° X #4 ORB	1
8	30389465	FITTING - HYD #8 37° X #12 ORB	2
9	30389362	FITTING - HYD #6 37° X #6 ORB	1
10	98397598	SENSOR PSI 4-20MA	1
11	30389133	VALVE - HYD, ROD END AXLE	1
12	30302118	HHCS, 3/8-16UNC X 1.00" GR5, YZP	1
13	10129841	SCREW RETAINER SKM 10-GT320	1
14	70100180	FITTING - HYD, 90L_6ORB_6JIC	1

9.5.3 70101688 – ASSY, ASA OIL COOLER FITTINGS



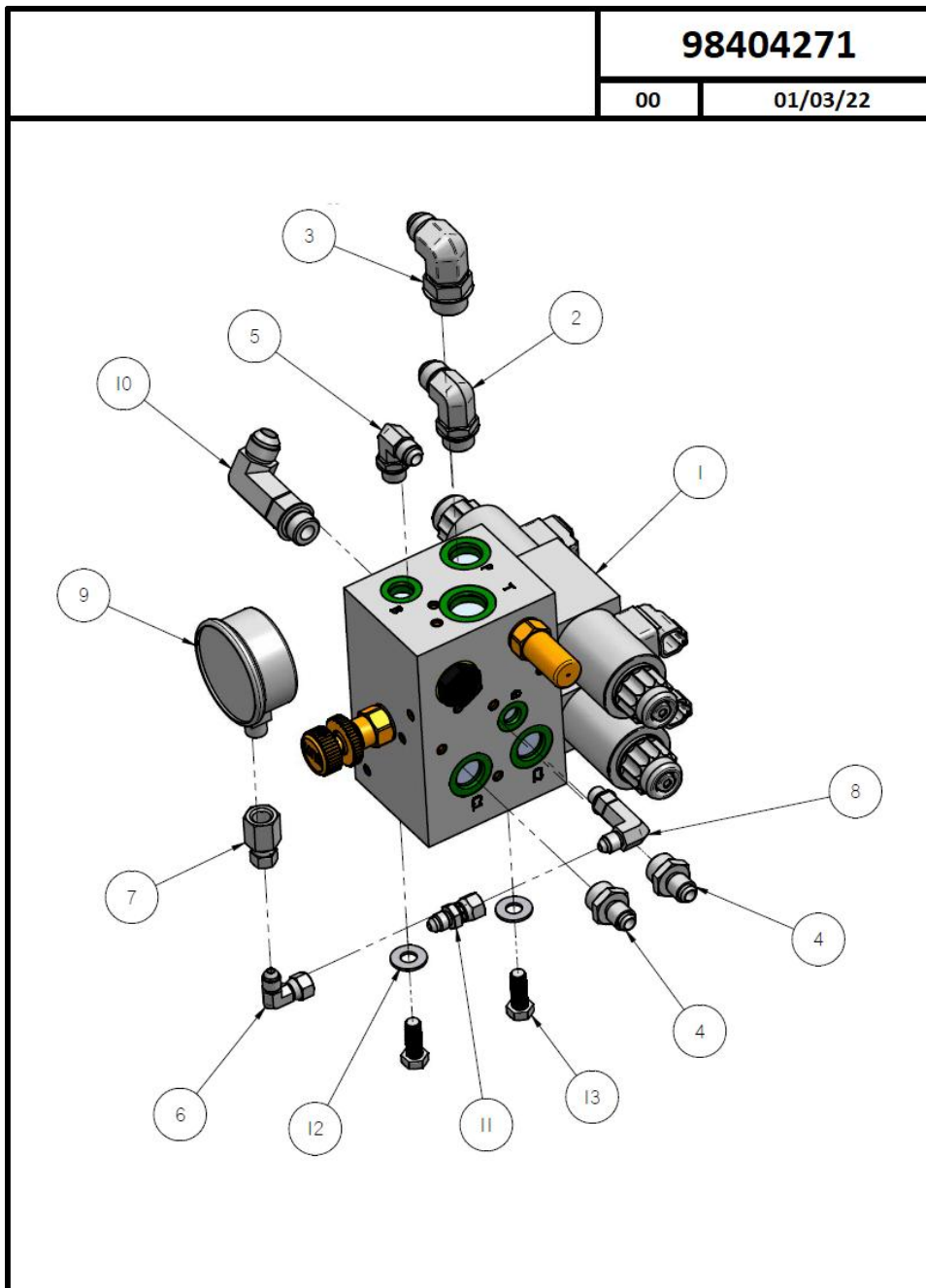
ITEM	PART NO.	DESCRIPTION	QTY
1	70101687	OIL COOLER WITH INTERNAL BYPASS	1
2	30389358	FITTING - HYD 90° ELB #12 37° X #16 ORB	2
3	10001357	SCREW ISO 4017 M 16 X 60-8.8-VZD	4
4	10133552	SCREW RETAINER SKM 16-GT320	8
5	10001286	NUT DIN 985 M 16-8-VZD	4

9.5.4 98404304 – ASSY, CHUTE CYLINDER FITTINGS



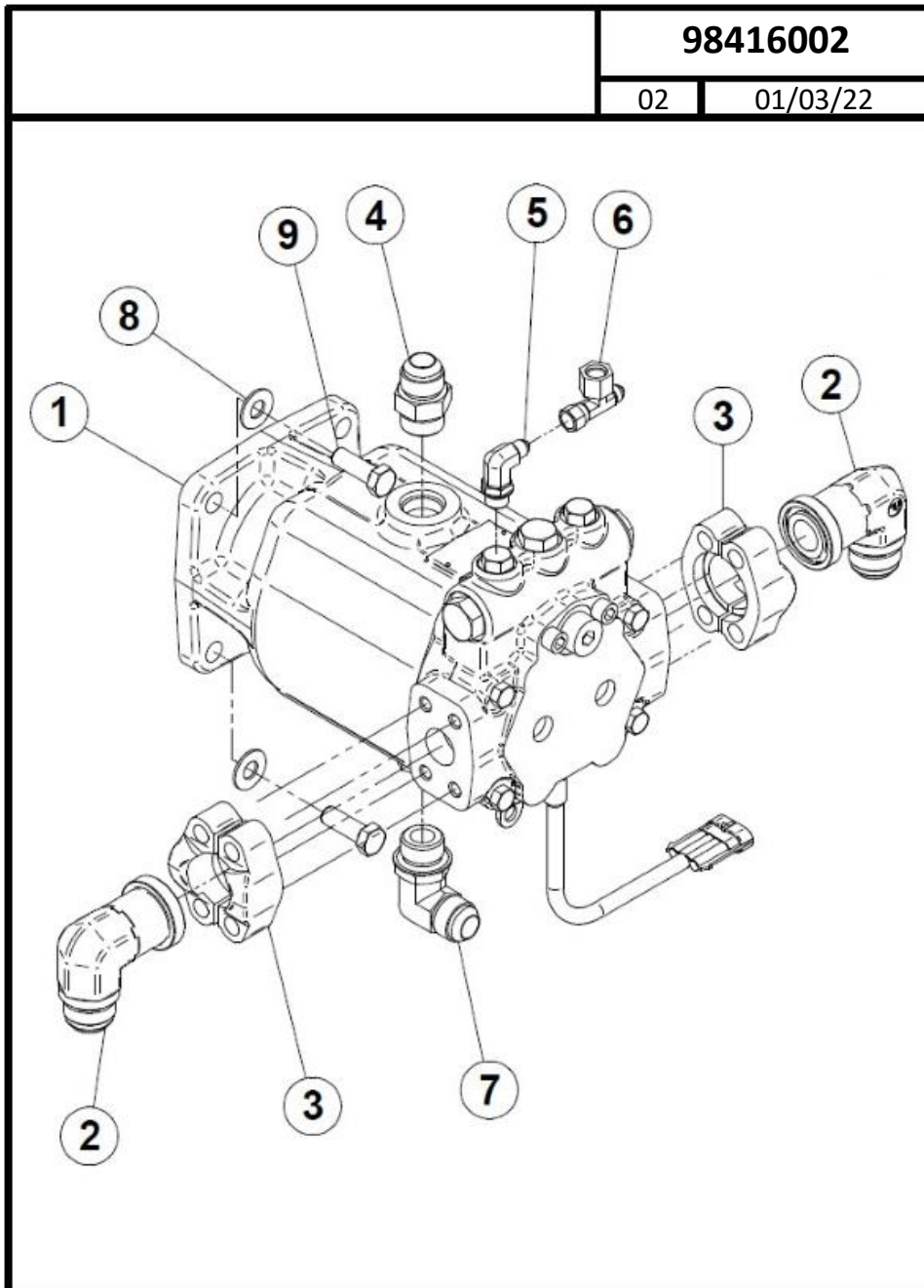
ITEM	PART NO.	DESCRIPTION	QTY
1	30389813	CYLINDER - CHUTE, MIXER W/PILOT OPERATED	1
2	30349328	SCREW - 7/8"-9 UNC X 4 1/2"LG GR.5 HHCS	2
3	30389198	WASHER - FLAT, 7/8" SAE STD.	4
4	30389199	NUT, LOCK 7/8"-9 UNC (NYLOCK) GR.5	2
5	70100180	FITTING - HYD, 90L_6ORB_6JIC	2
6	70100181	FITTING - HYD, 6JIC 3/64 ORIFICE	2

9.5.5 98404271 – ASSY, BOOSTER VALVE



ITEM	PART NO.	DESCRIPTION	QTY
1	98397730	VALVE - HYD, MIXER CHUTE AND BOOSTER	1
2	30389462	FITTING - HYD 90° ELB #8 37° X #8 ORB	1
3	30389390	FITTING - HYD. 90 DEG. ELB #8 37 JIC X #10 ORB	1
4	30389170	FITTING - HYD #6 37° X #8 ORB	2
5	30389160	FITTING - HYD 90° ELB #6 37° X #6 ORB	1
6	30358418	FITTING - HYD 90° ELB #4 SWIV X #4 37°	1
7	30389961	FITTING - HYD CONNECTOR JIC SWIVEL, #4 TUB	1
8	98404171	FITTING - HYD, LONG ELB,#4 37° X ORB	1
9	30389692	GAUGE - HYD, PRESSURE 0-5000 PSI G 1/4"	1
10	30386265	FITTING - ELBOW LNG #8 ORB TO #8 FLARE	1
11	98404181	FITTING - HYD, #4 JIC SWIVEL MALE, FEMALE	1
12	10129841	SCREW - RETAINER SKM 10-GT320	2
13	30302118	SCREW - HHC, 3/8-16UNC X 1.00" GR 5 Y.Z.	2

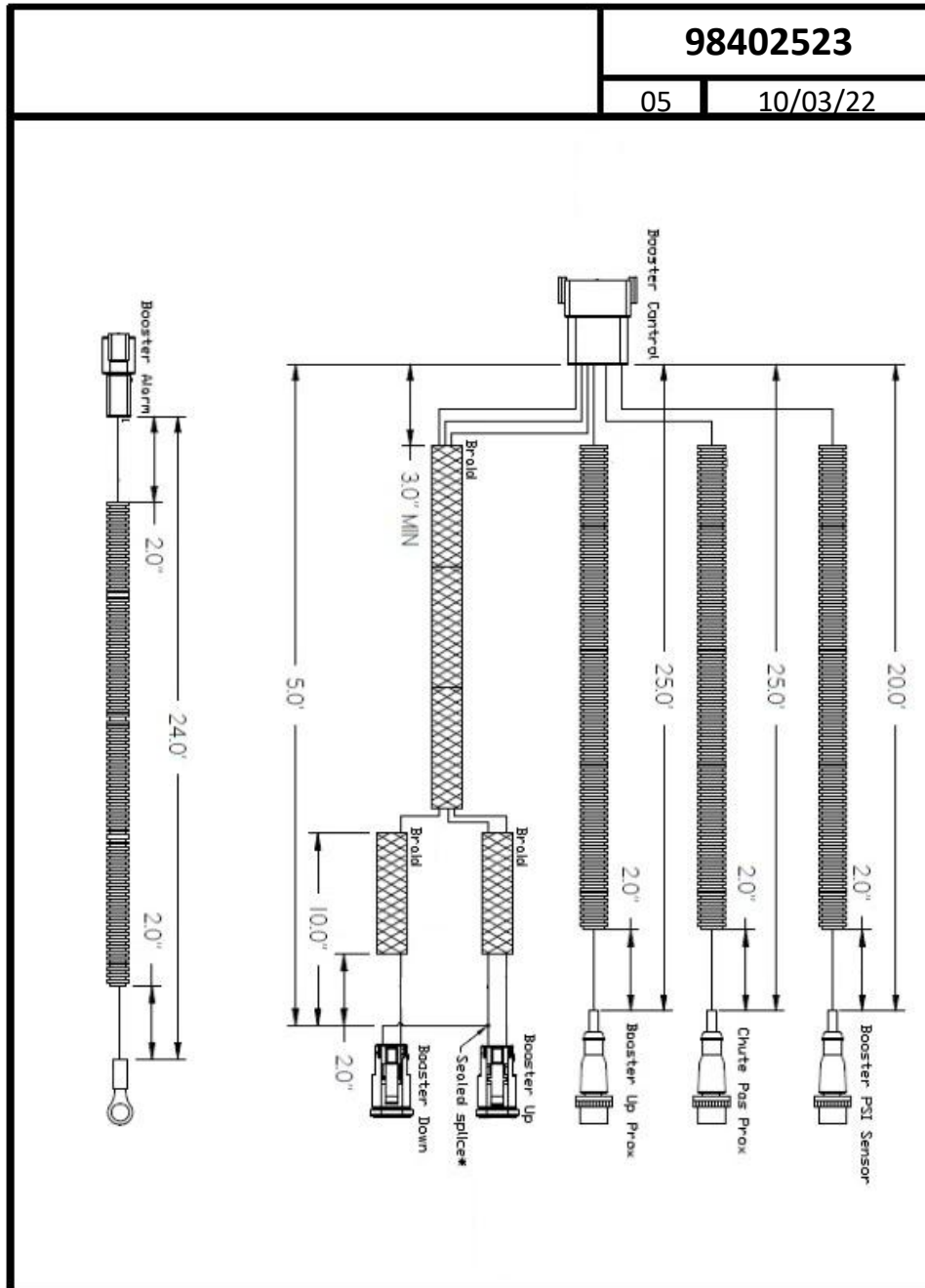
9.5.6 98416002 – ASSY, MOTOR, EATON



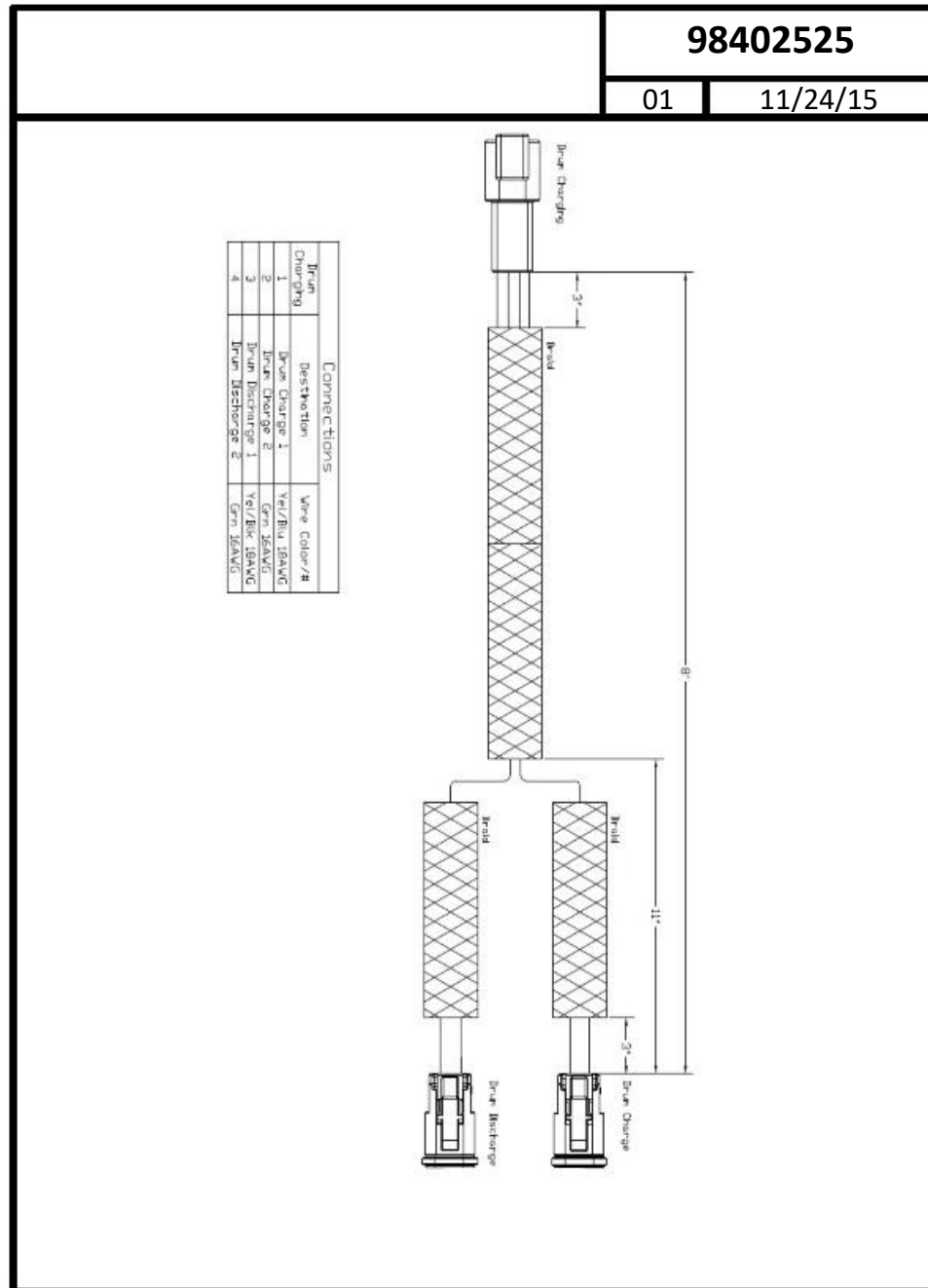
ITEM	PART NO.	DESCRIPTION	QTY
1	70101218	MOTOR, W/4 WIRE SPEED SENSOR	1
2	30309759	FLANGE ELBOW - CODE 62 1" SAE FLANGE X 1	2
3	30309760	FLANGE KIT - 1", CODE 62 2	2
4	30389210	FITTING - HYD #12 37° X #12 ORB	1
5	30389167	FITTING - HYD 90° ELB #4 37° X #6 ORB	1
6	98404186	FITTING - HYD, TEE, #4 37X#4 37#4ORBFEM	1
7	30389166	FITTING - HYD 90° ELB #12 37° X #12 ORB	1
8	10129840	SCREW RETAINER SKM 12-GT320	4
9	10001519	SCREW ISO 4017 M 12 X 35-8.8-VZD	4

NOTE: MOTORS COULD HAVE DIFFERENT SPEED SENSOR WIRING. SEE SECTION 2 FOR THE DIFFERENT HARNESS THAT CAN BE USED.

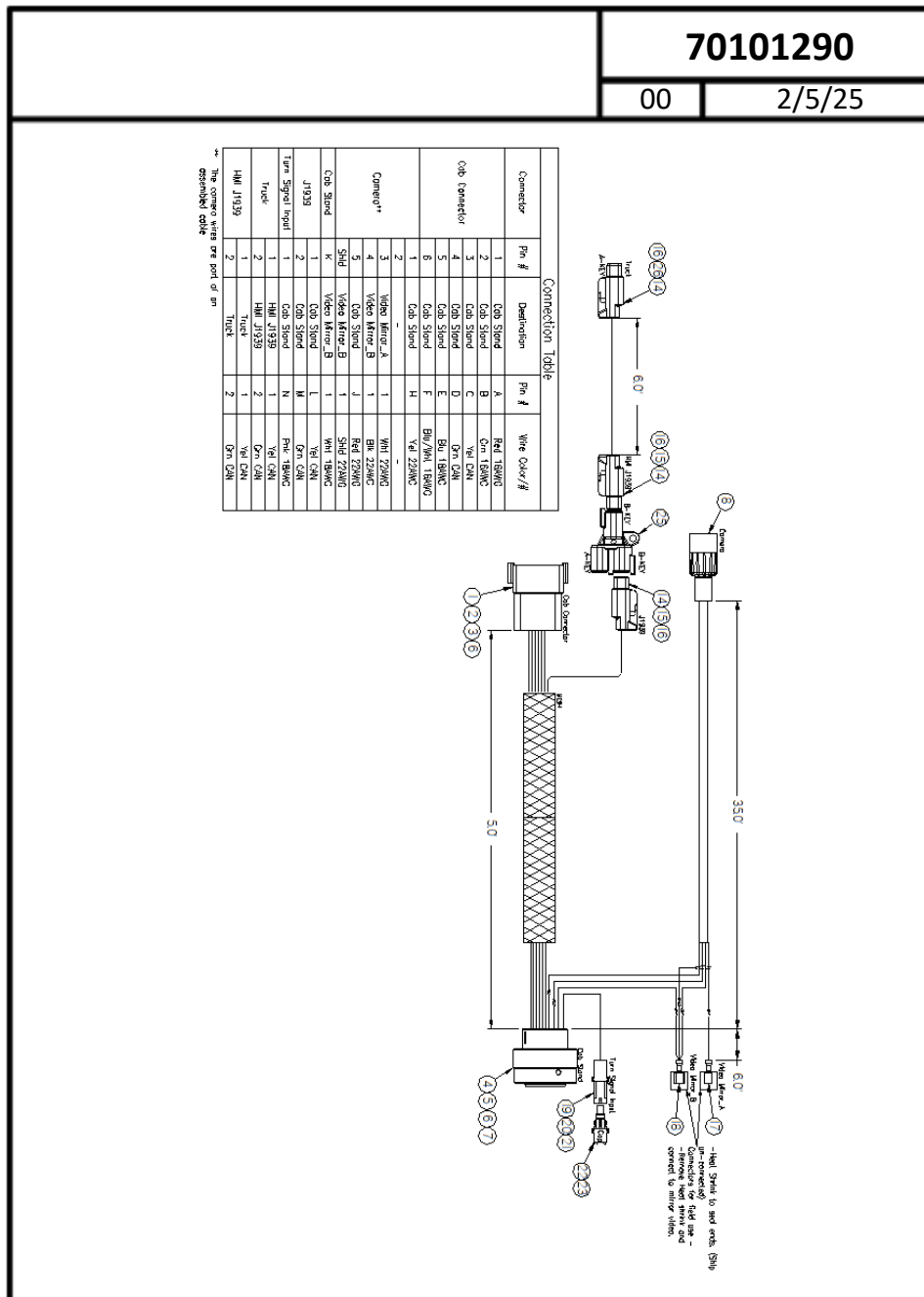
9.5.7 98402523 – HARNESS MIXER, BOOSTER



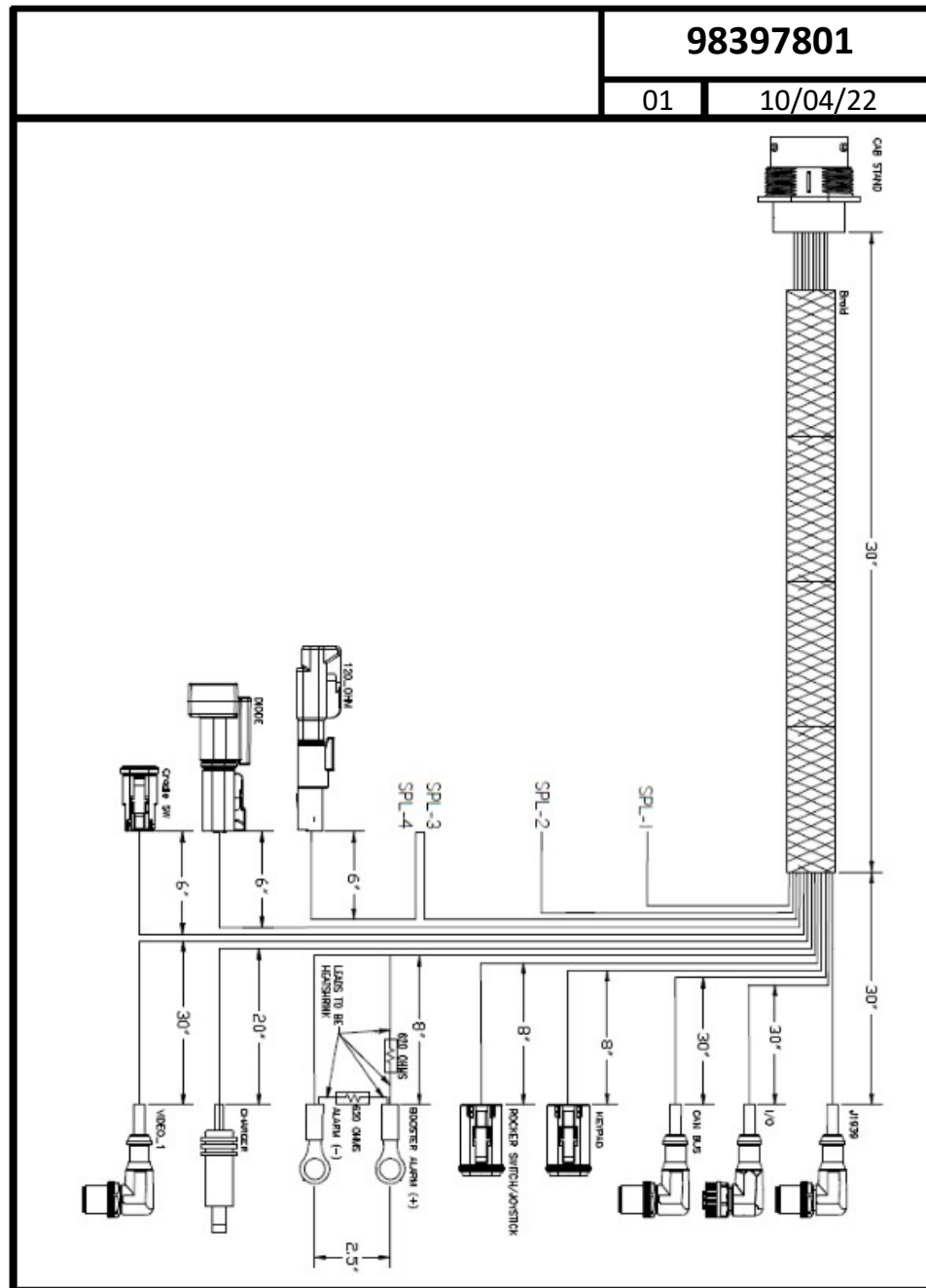
9.5.8 98402525 – HARNESS MIXER, DRUM CHARGING



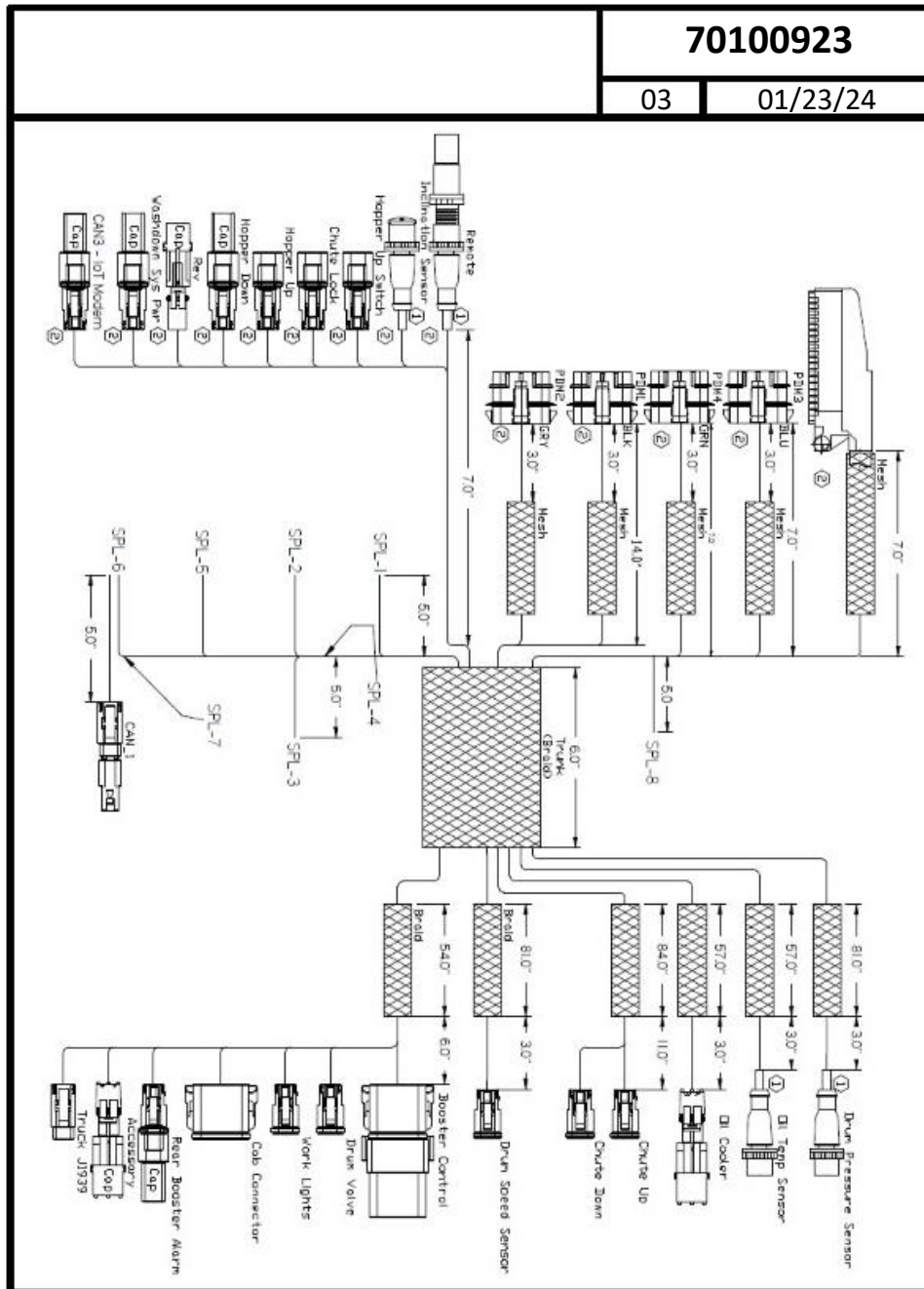
9.5.9 70101290 – HARNESS MIXER, CAB CONNECT



9.5.10 98397801 – HARNESS MIXER, CAB PROP

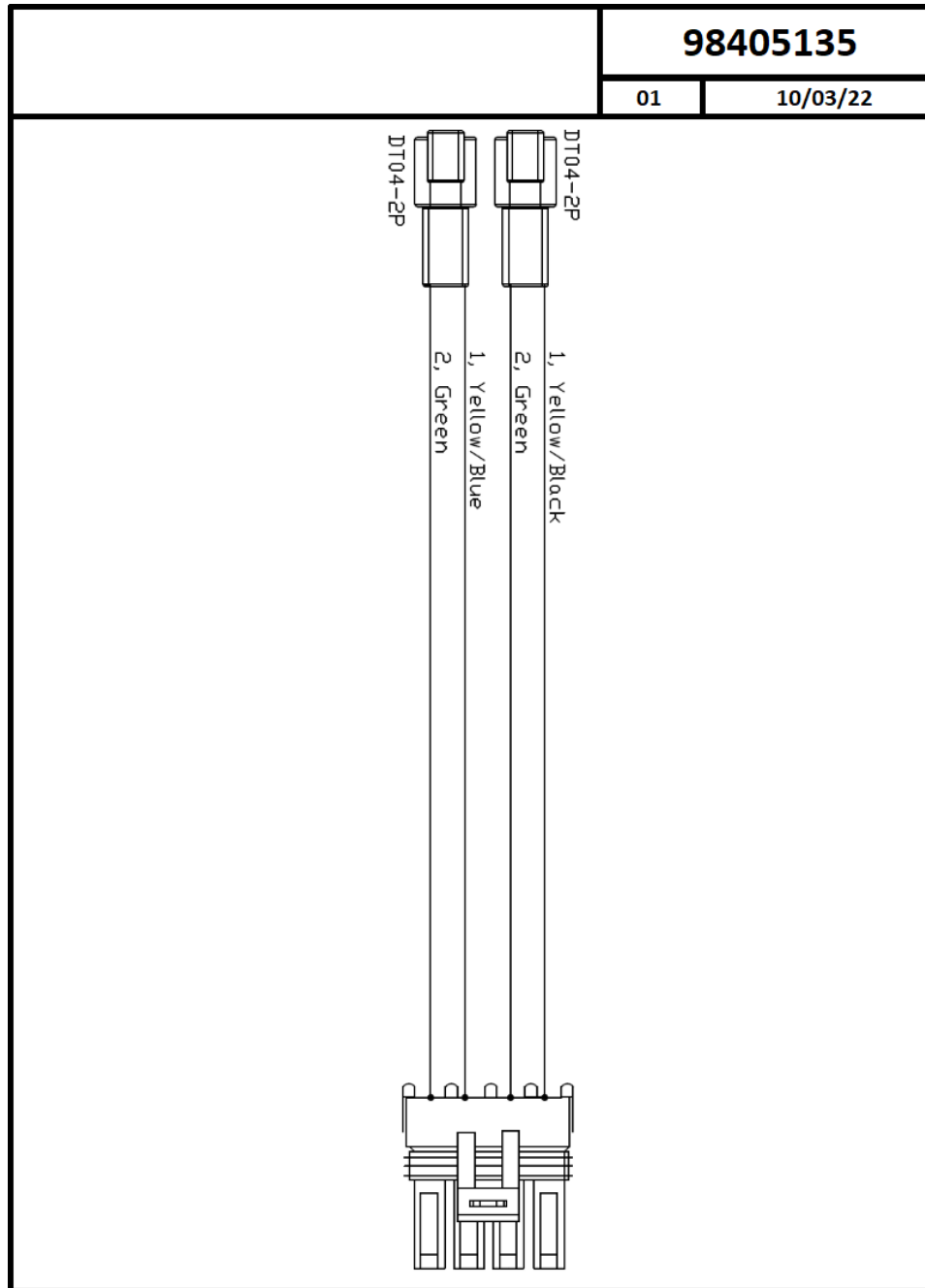


9.5.11 70100923 – HARNESS MIXER, MAIN, CR0033

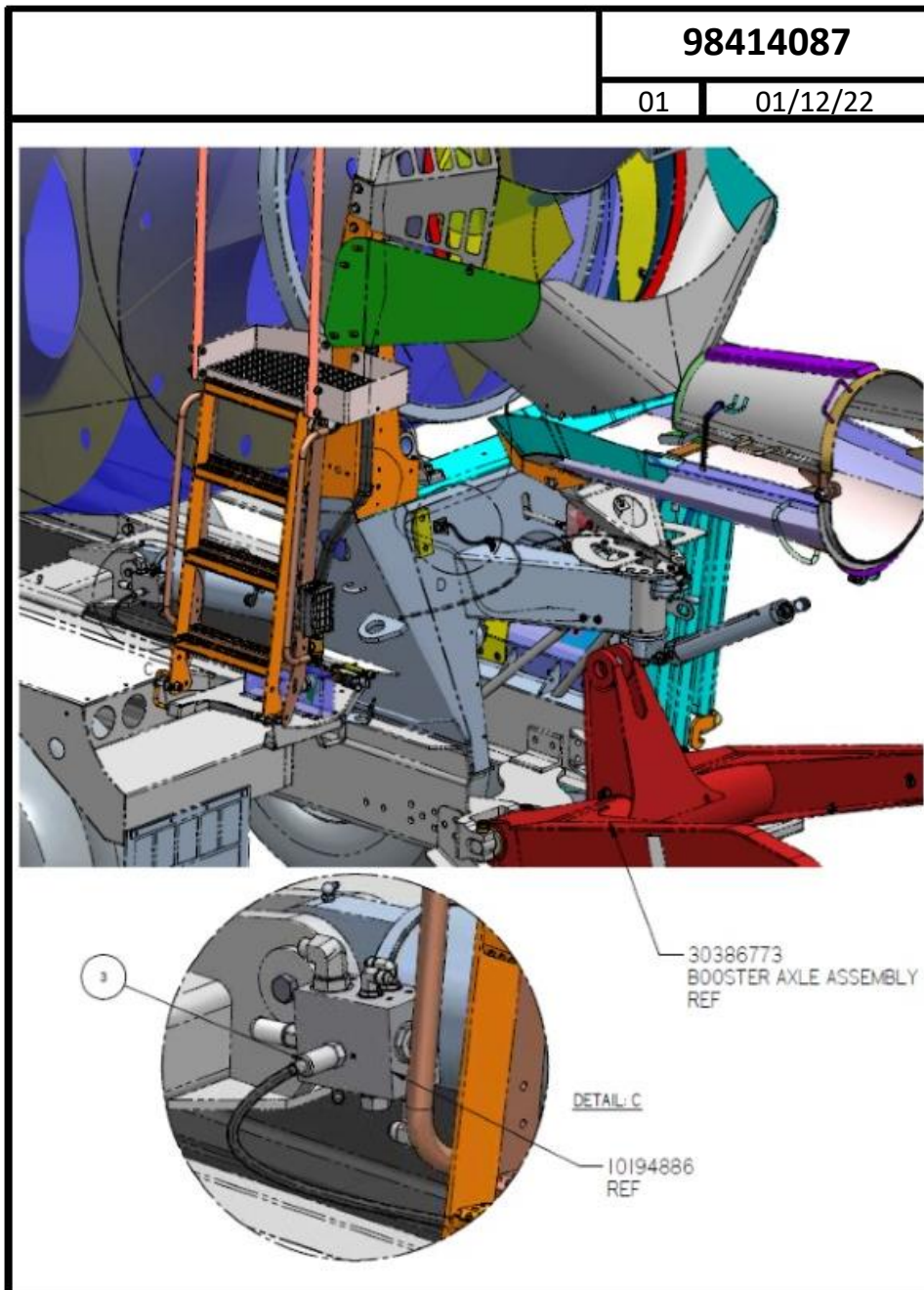


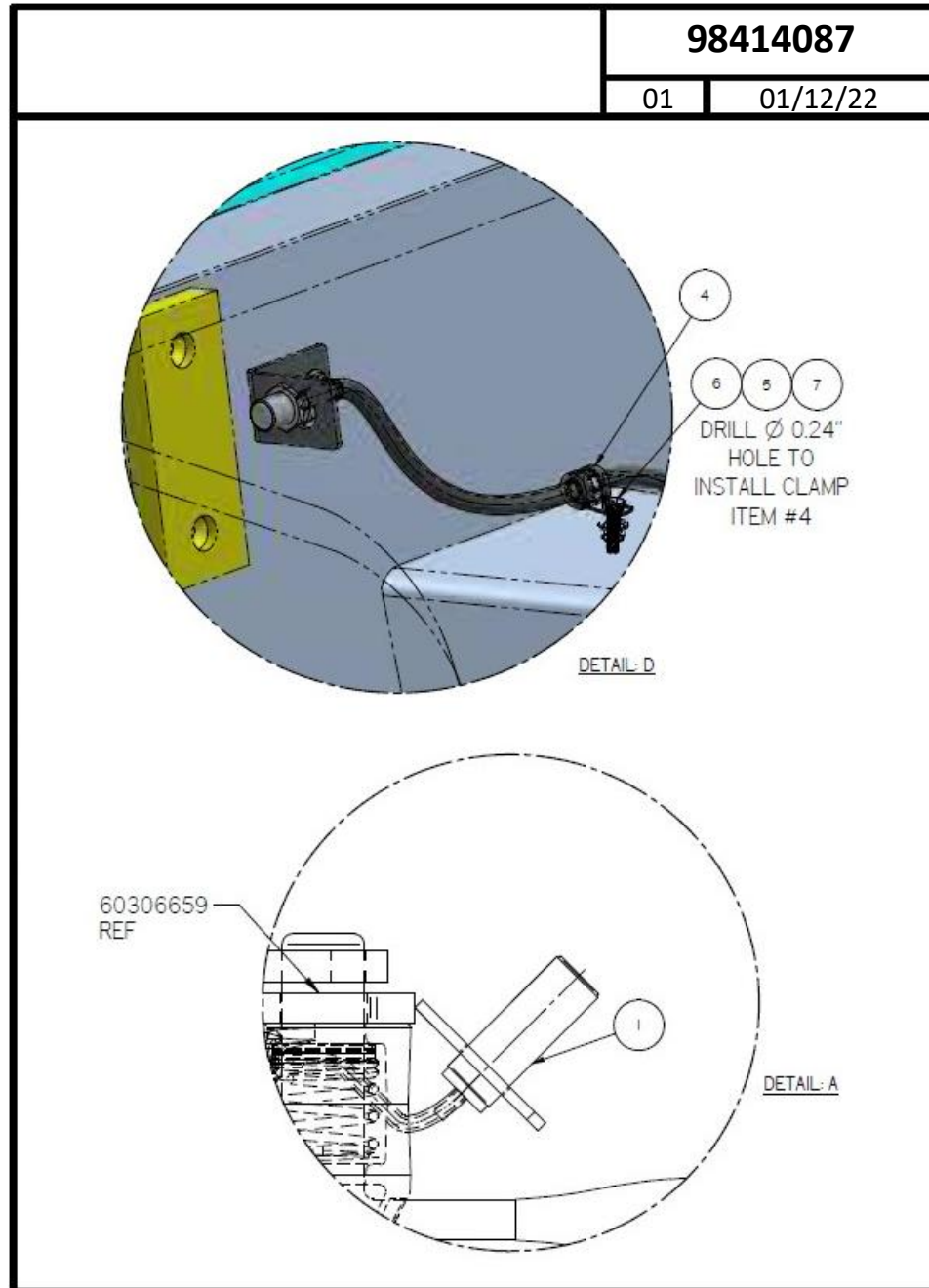
NOTE: BOOSTER CONTROL, WORK LIGHTS, AND REAR BOOSTER ALARM BRANCHES MAY NEED TO BE BROKEN OUT FROM HARNESS LOOM IF NOT LONG ENOUGH.

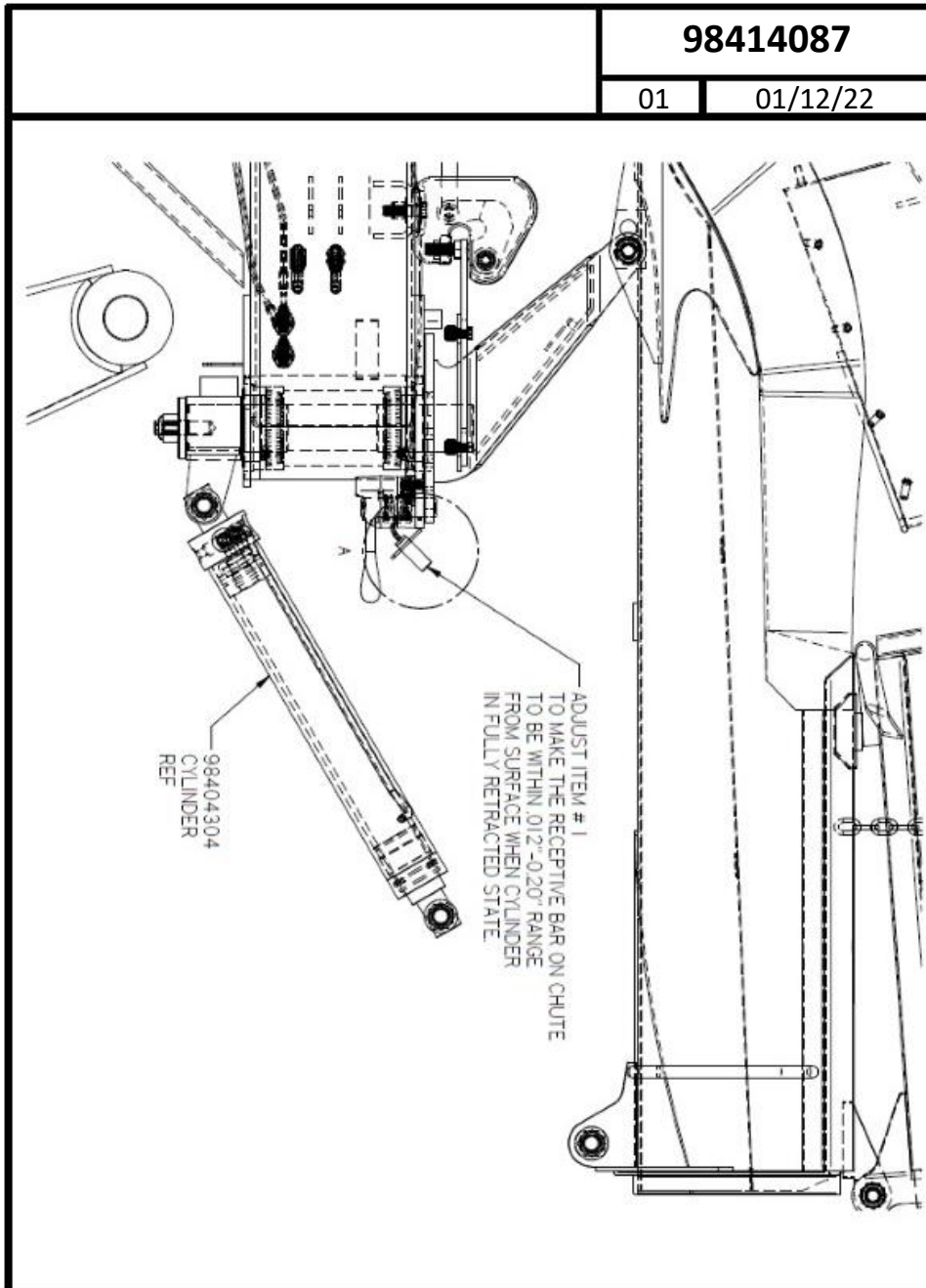
9.5.12 98405135 – HARNESS MIXER, EATON ADAPTER



9.5.13 98414087 – ASSY, REAR PED ELECTRICAL



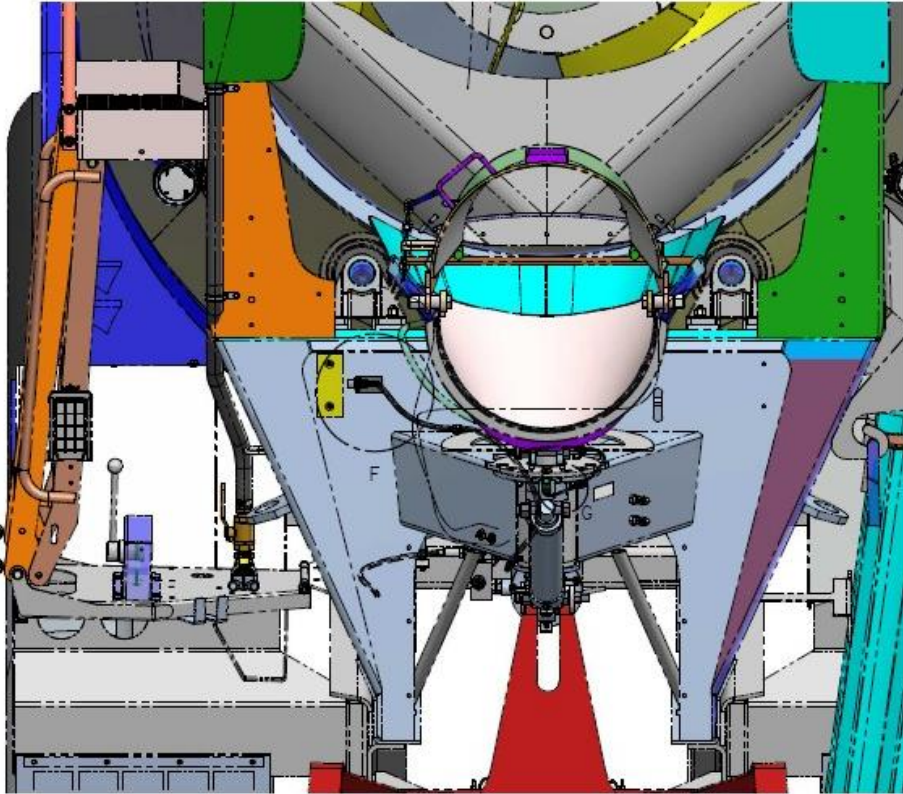


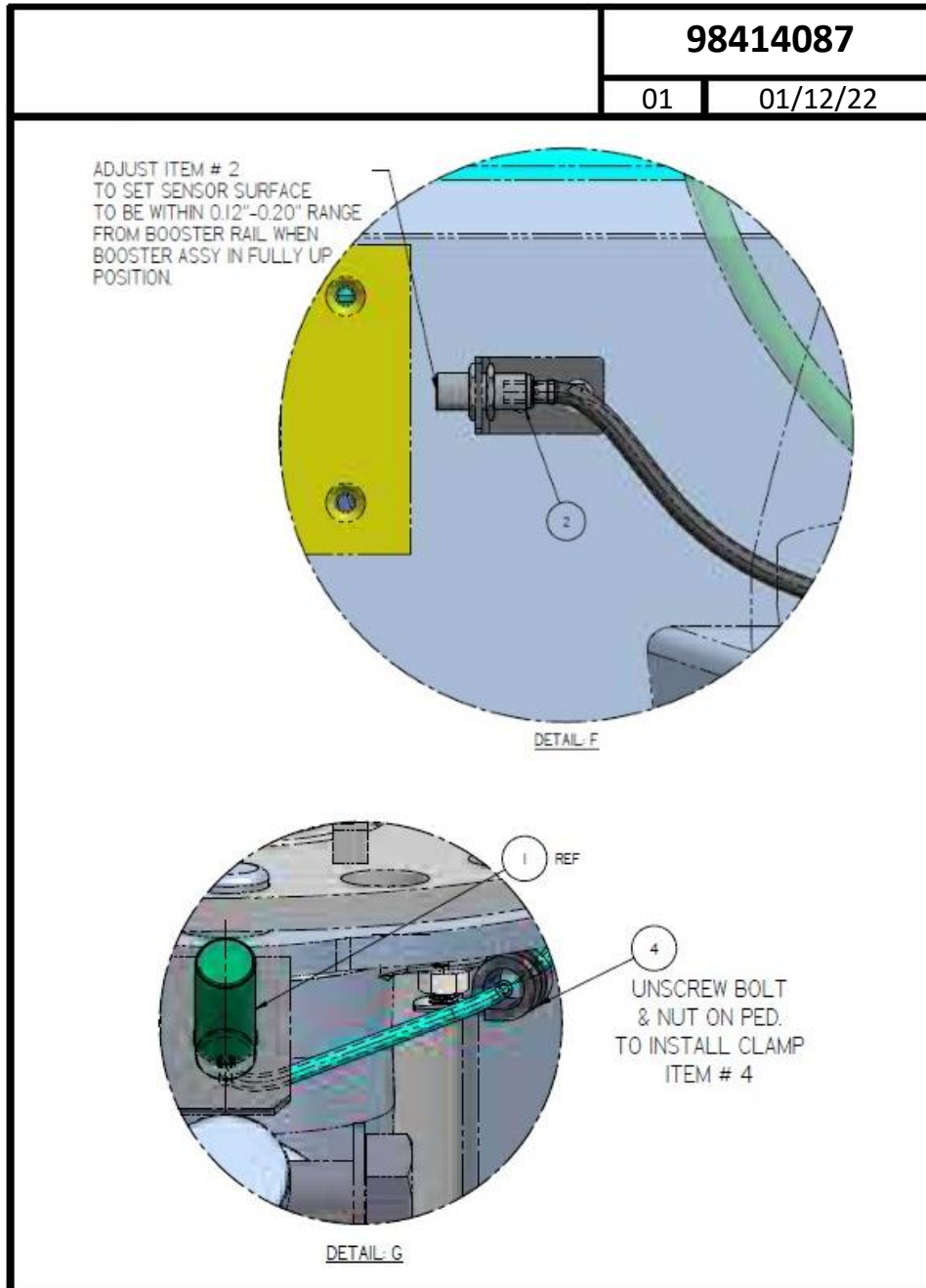


98414087

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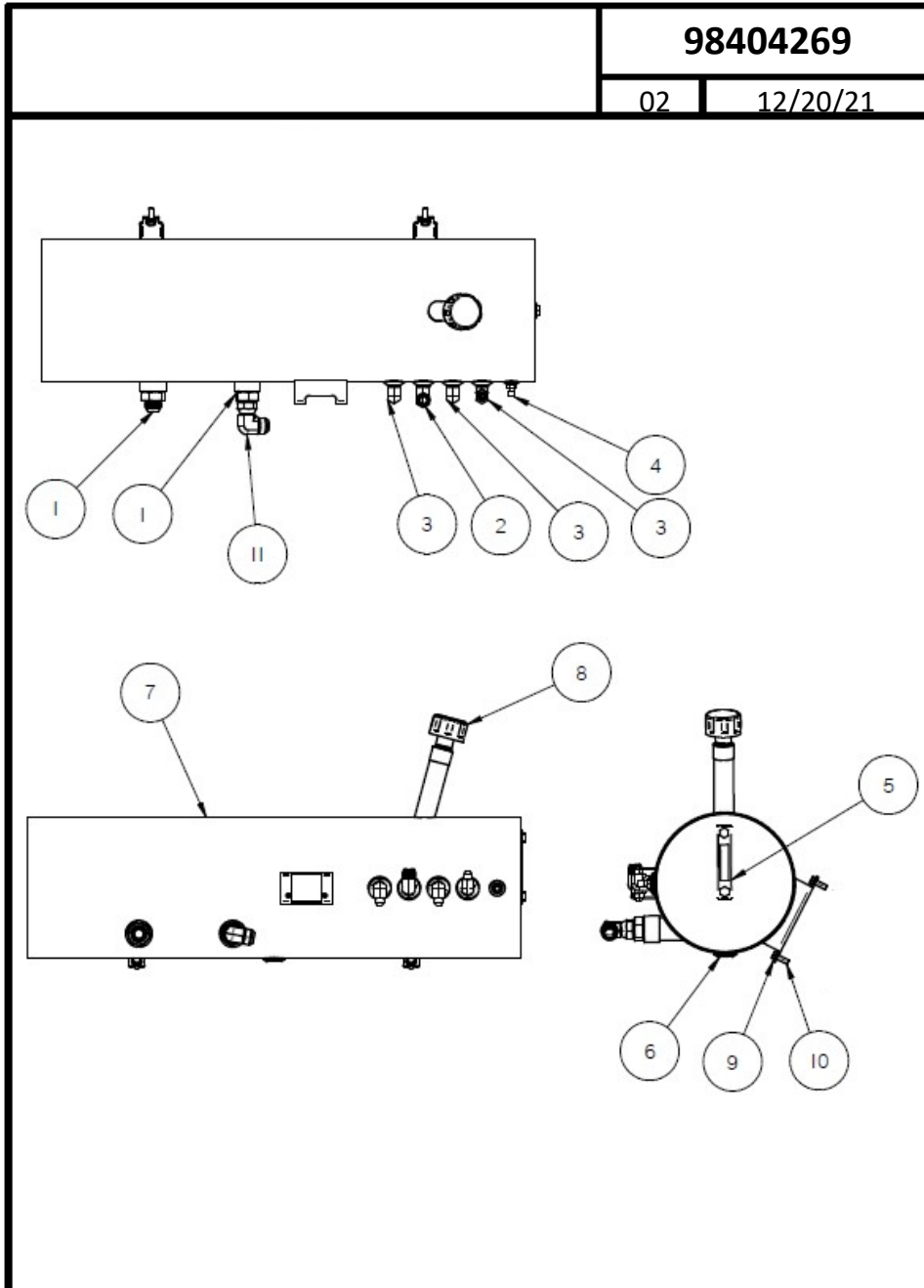
01/12/22





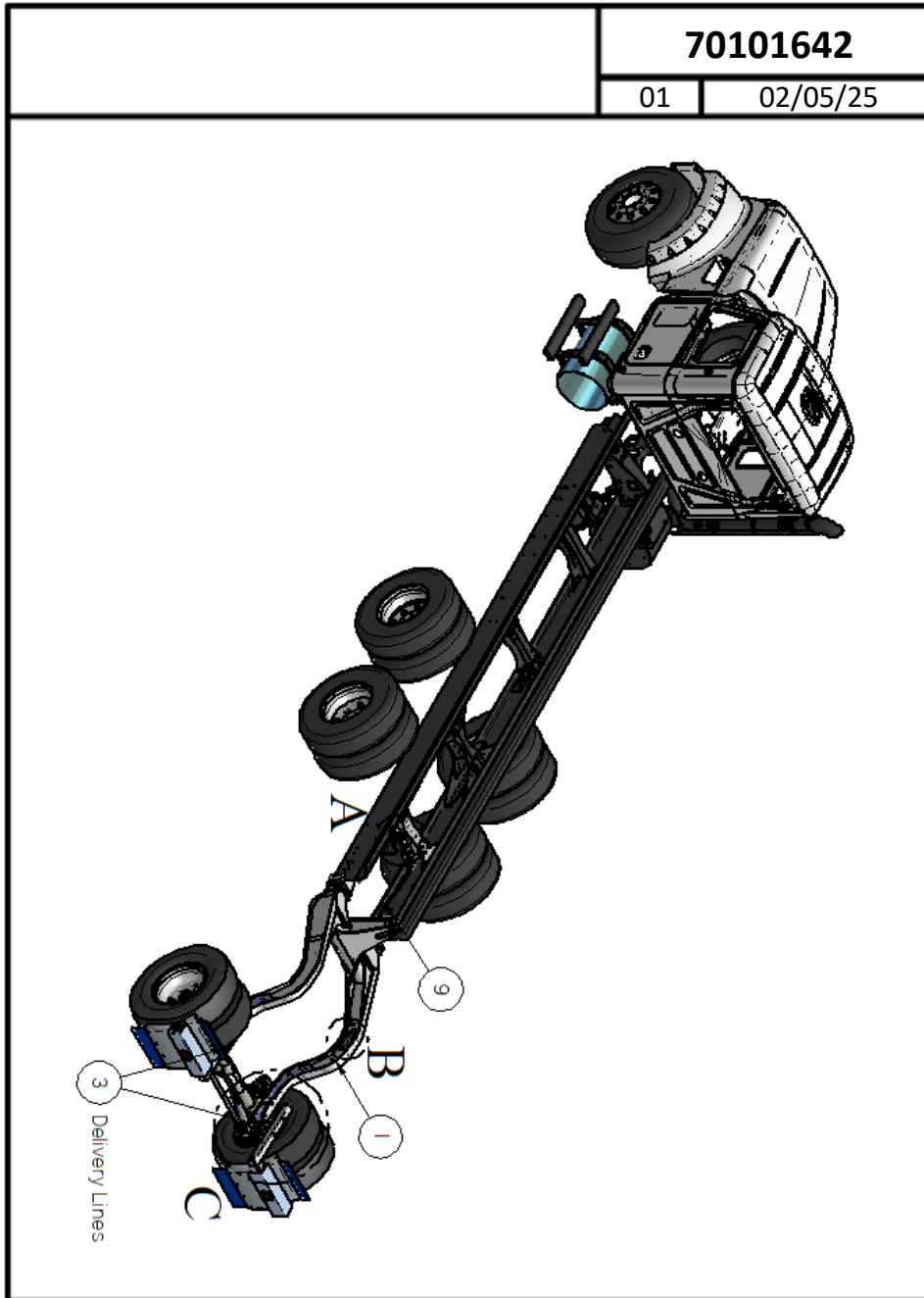
ITEM	PART NO.	DESCRIPTION	QTY
1	30350926	OPER - SENSOR, PROXIMITY W/6" CABLE	1
2	98402792	SENSOR IND. PROX 18MM PNP 8MM RANGE M12	1
3	98397598	SENSOR PSI 4-20MA	1
4	98414155	HARNESS - CLAMP, 1/2" GALV. FULLY CUSHIONED	2
5	30303735	WASHER - FLAT, 1/4" USS - FE/ZN 3AT	1
6	30302132	1/4-/-20 NC X 1" LG	1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

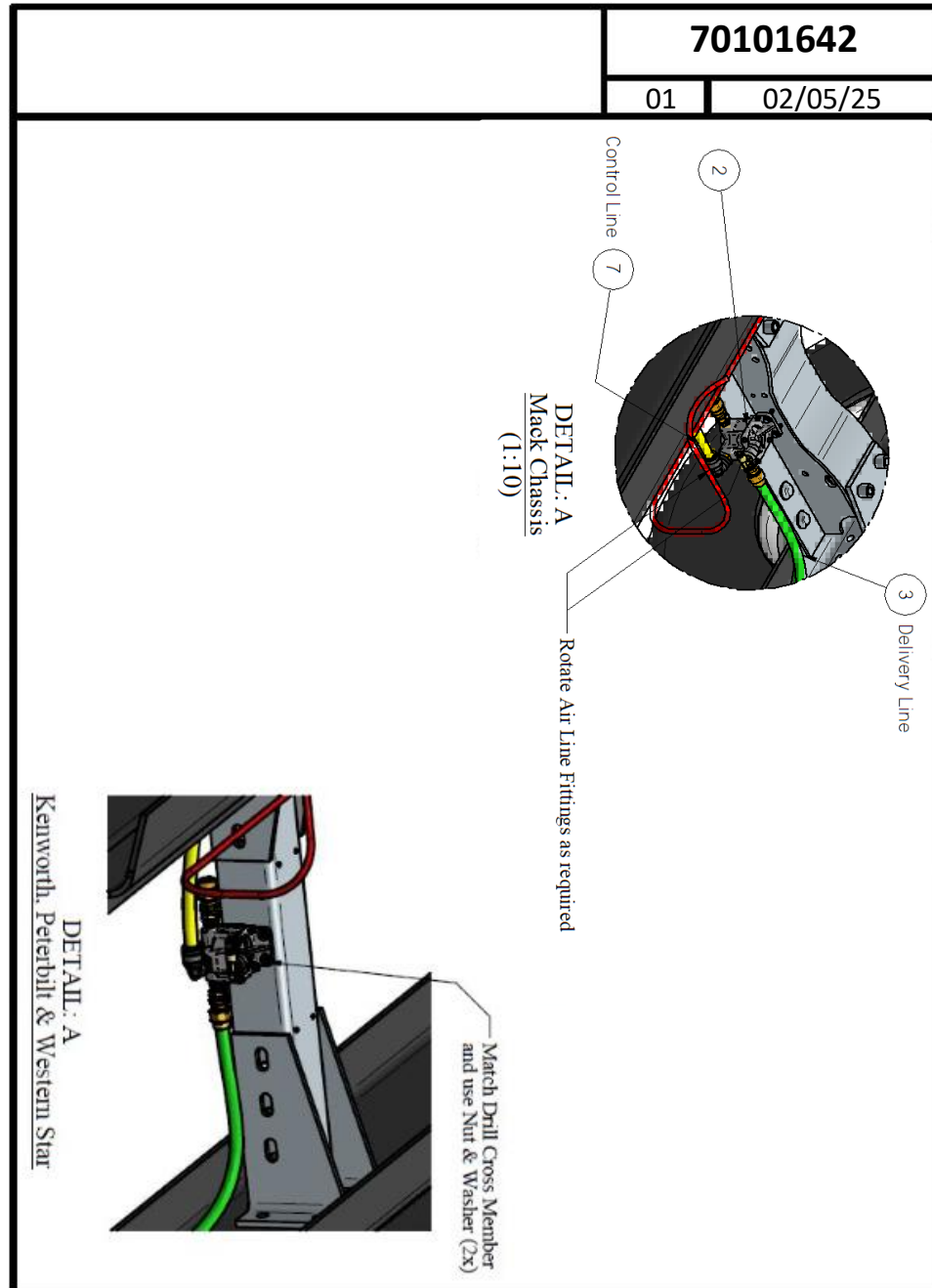
9.6 98404269 – ASSY, HYD BOOSTER TANK

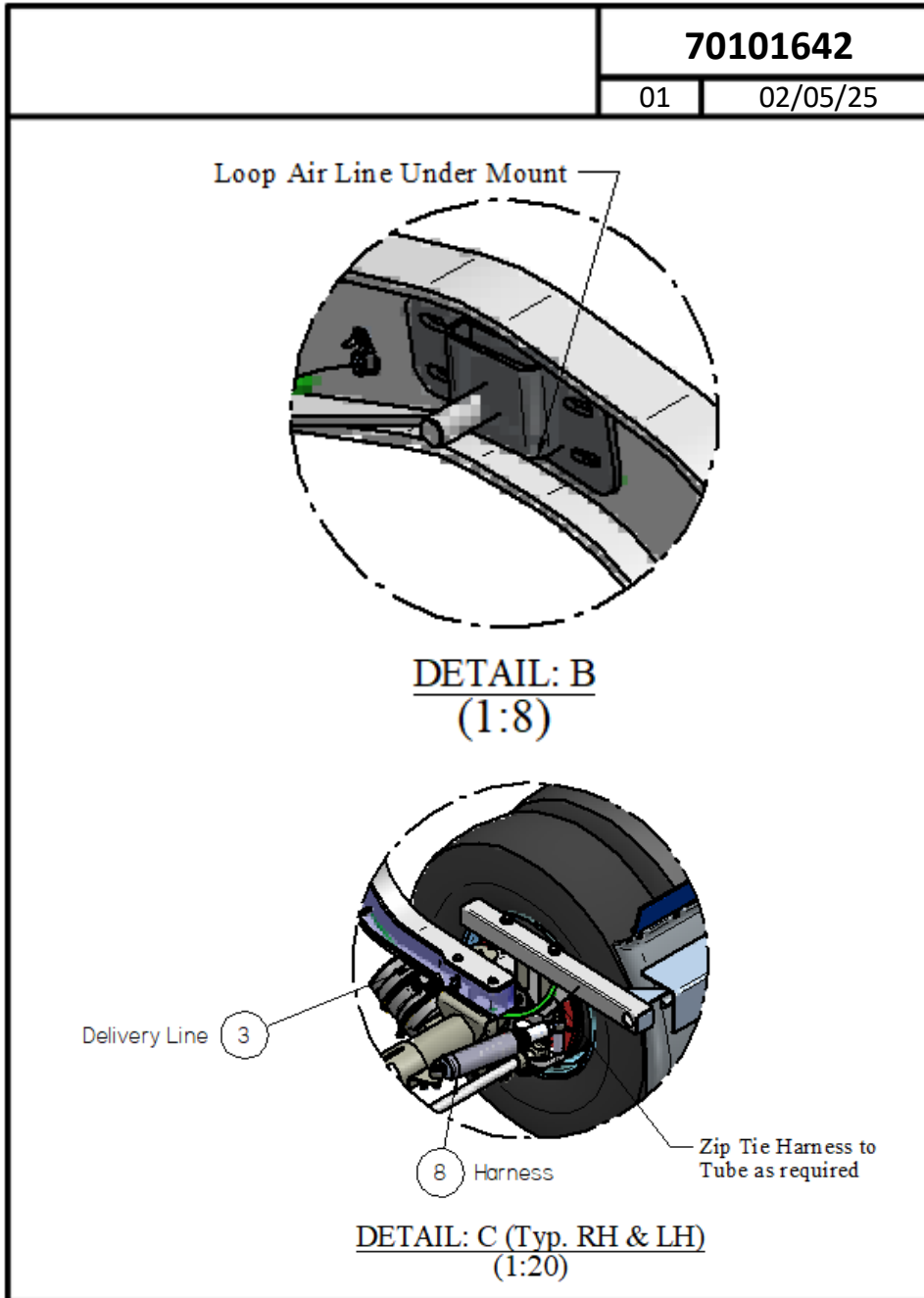


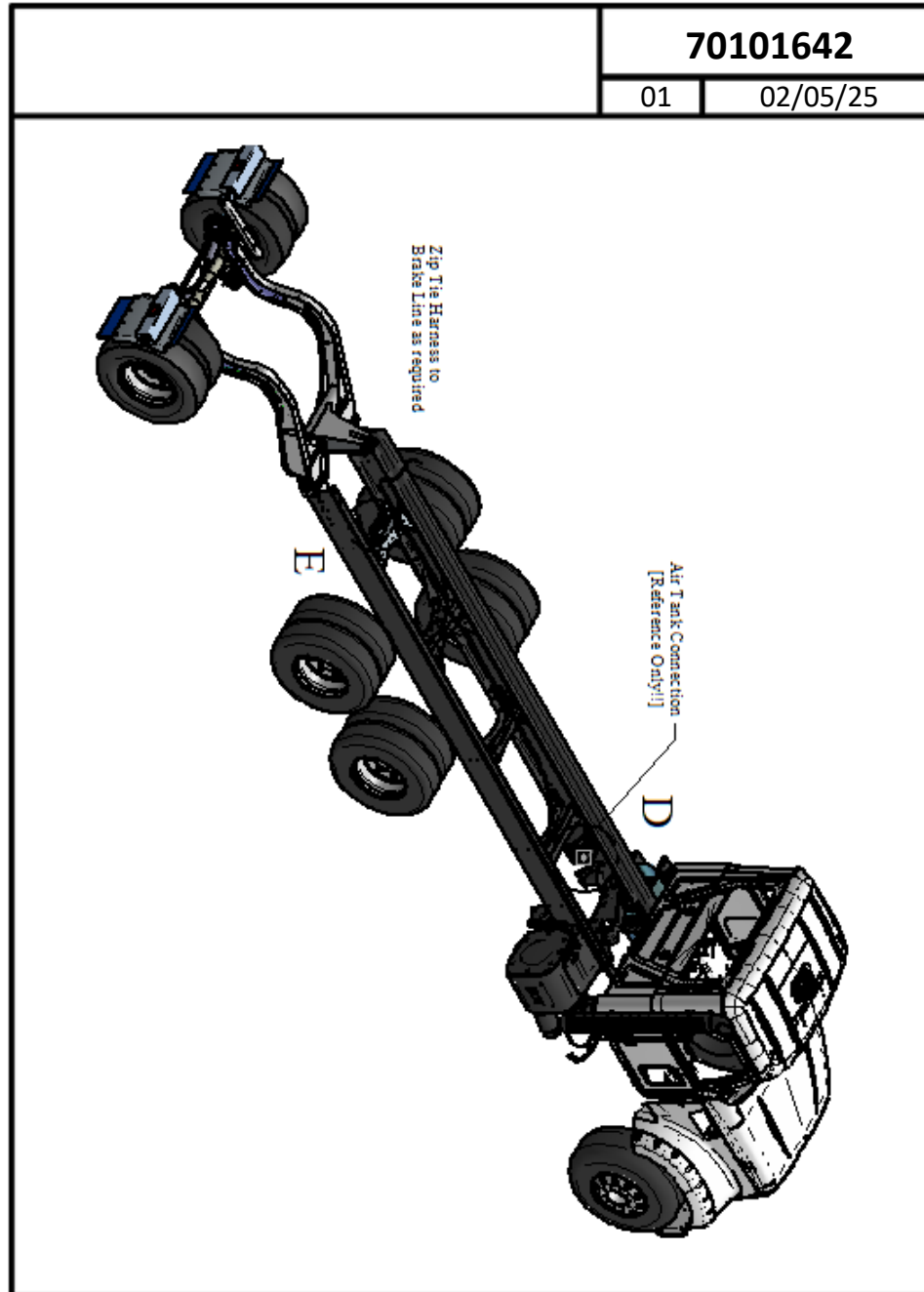
ITEM	PART NO.	DESCRIPTION	QTY
1	30389719	FITTING, SUCTION STRAINER	2
2	30302148	FITTING, HYD 90° ELB 3/4" NPT X #12 37°	1
3	30389391	FITTING, HYD 90° ELB #8 37° X 3/4" MNPTF	3
4	98397599	SENSOR TEMP 40 - 150 C	1
5	10012911	PARTS - GLASS LEVEL INDICATOR - 127/M 12	1
6	30389259	FITTING, HYD PLUG 3/4" MNPTF	1
7	30389148	TANK - 18 GAL. HYD., BOOSTER/CONV.	1
8	30389925	FILTER, HYD BREATHER TANK X 1" MPT	1
9	10129841	SCREW RETAINER SKM 10-GT320	4
10	10001861	SCREW DIN 933 M 10 X 30-8.8-VZD	4
11	30389486	FITTING - HYD 90° ELB #16 SWIV X #16 37°	1

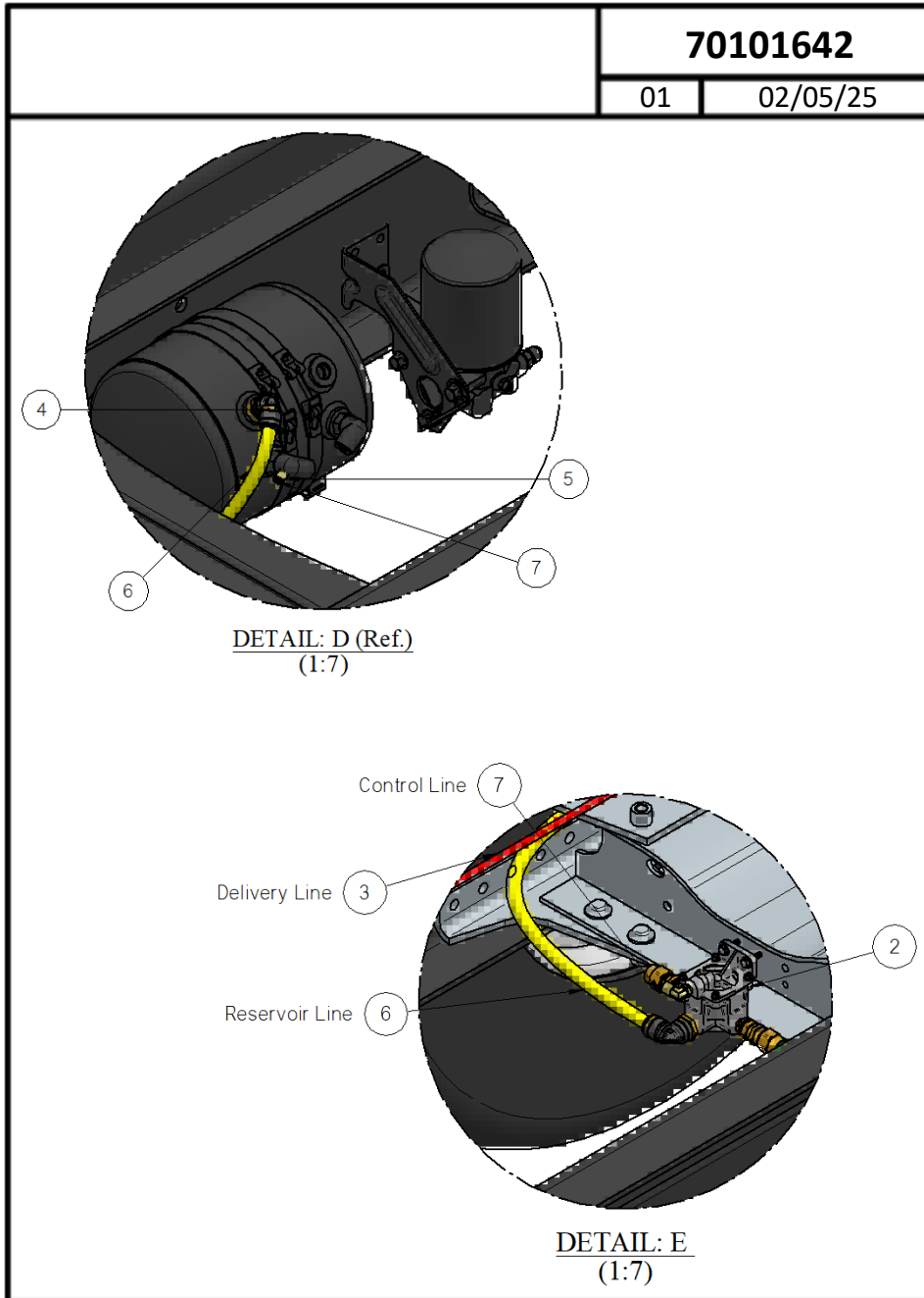
9.7 70101642 – ASSY, BOOSTER AXLE, AIR L

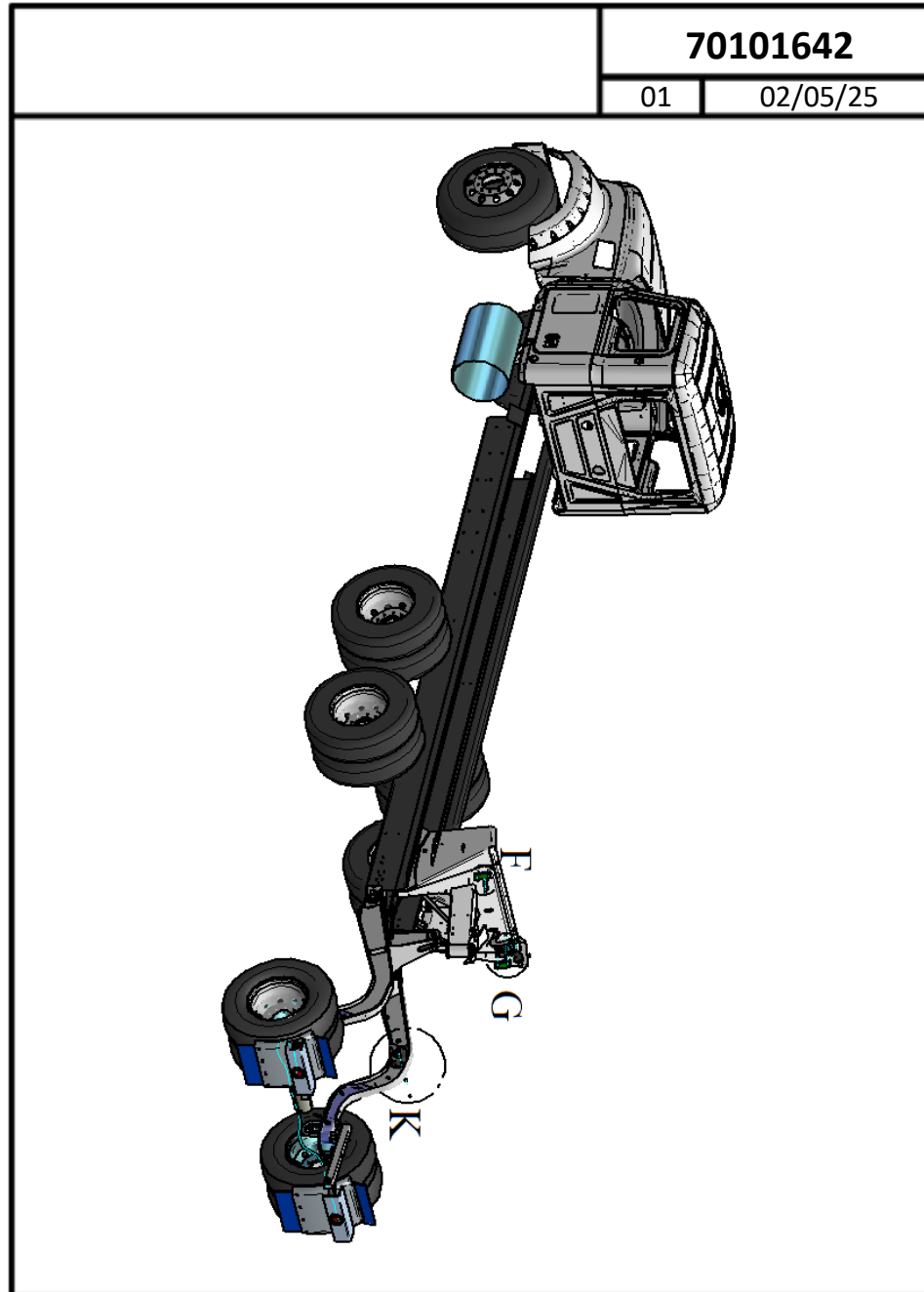


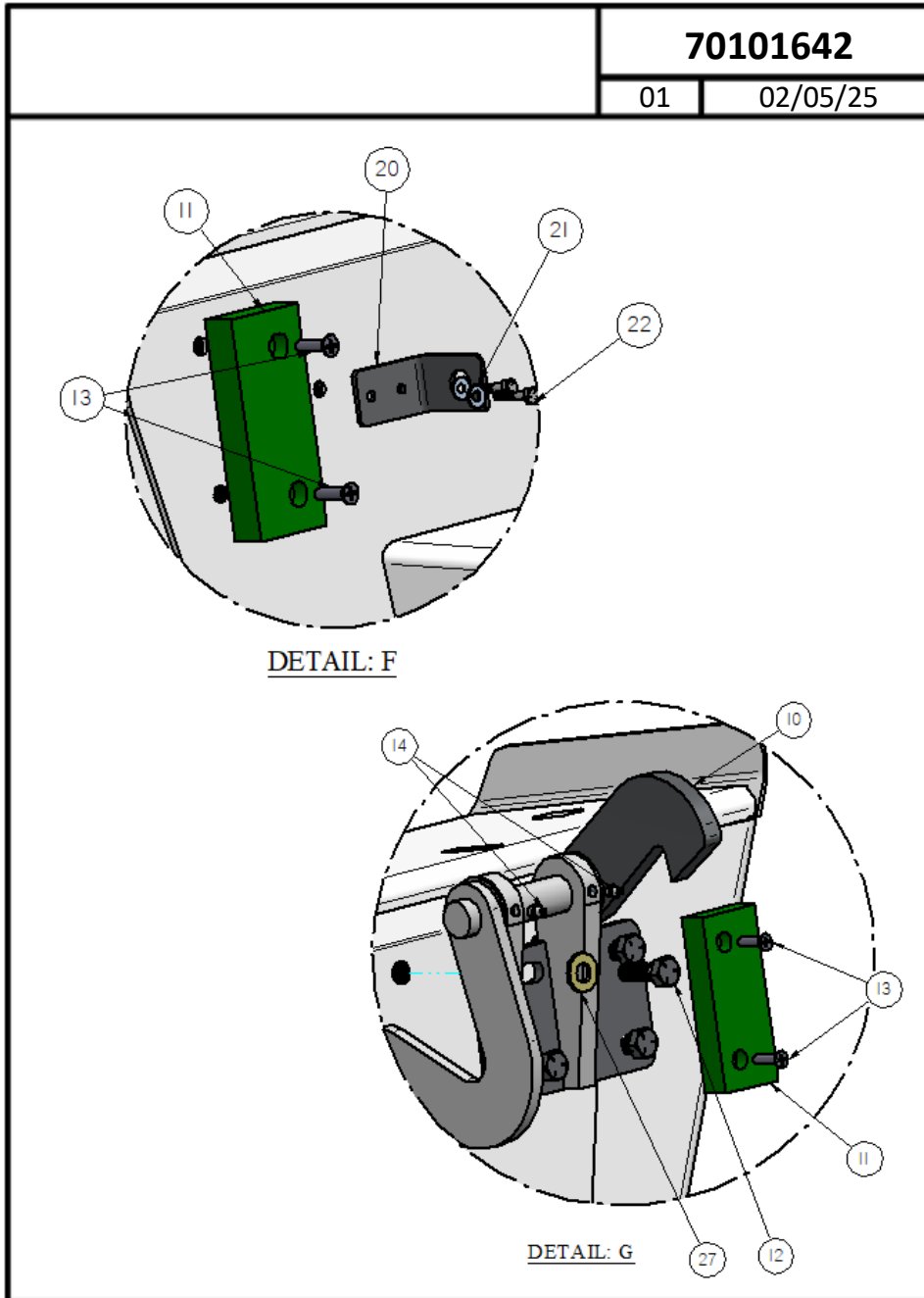








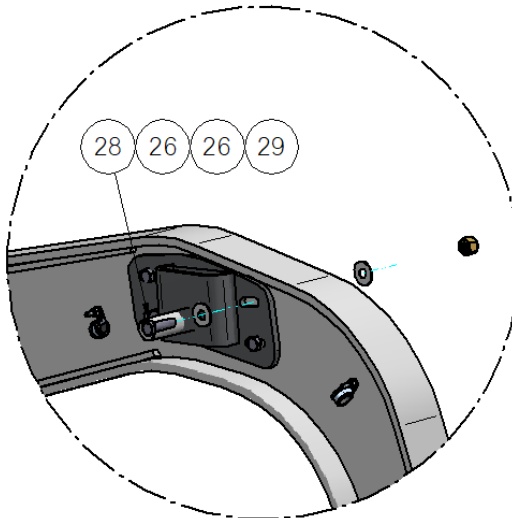




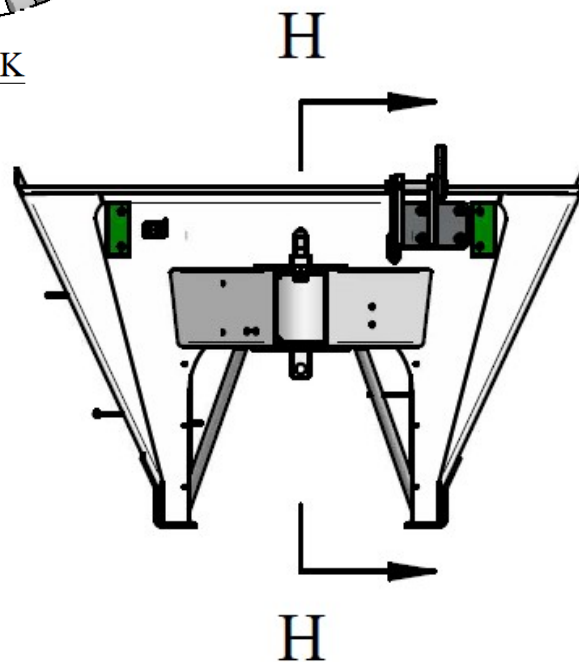
70101642

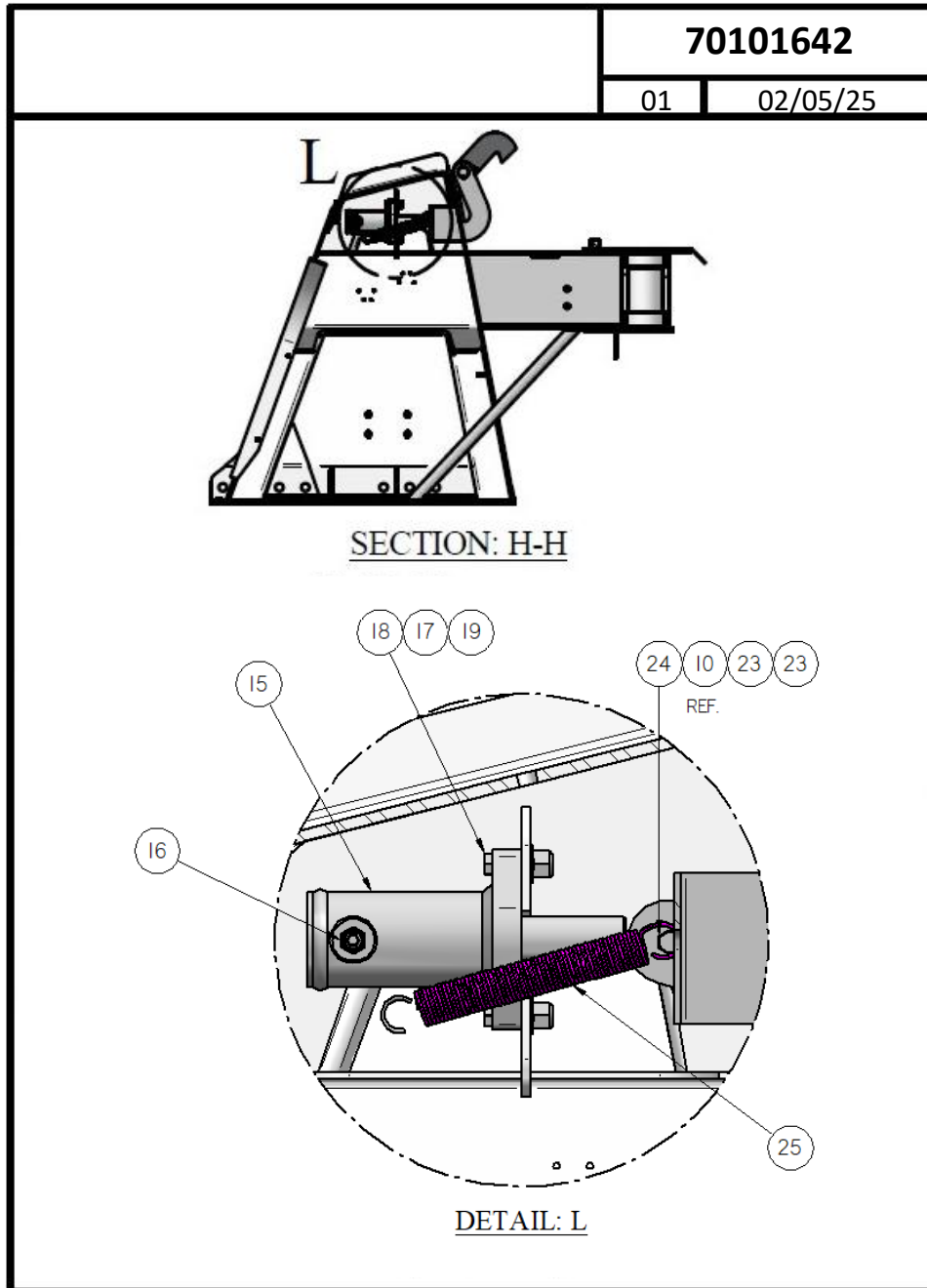
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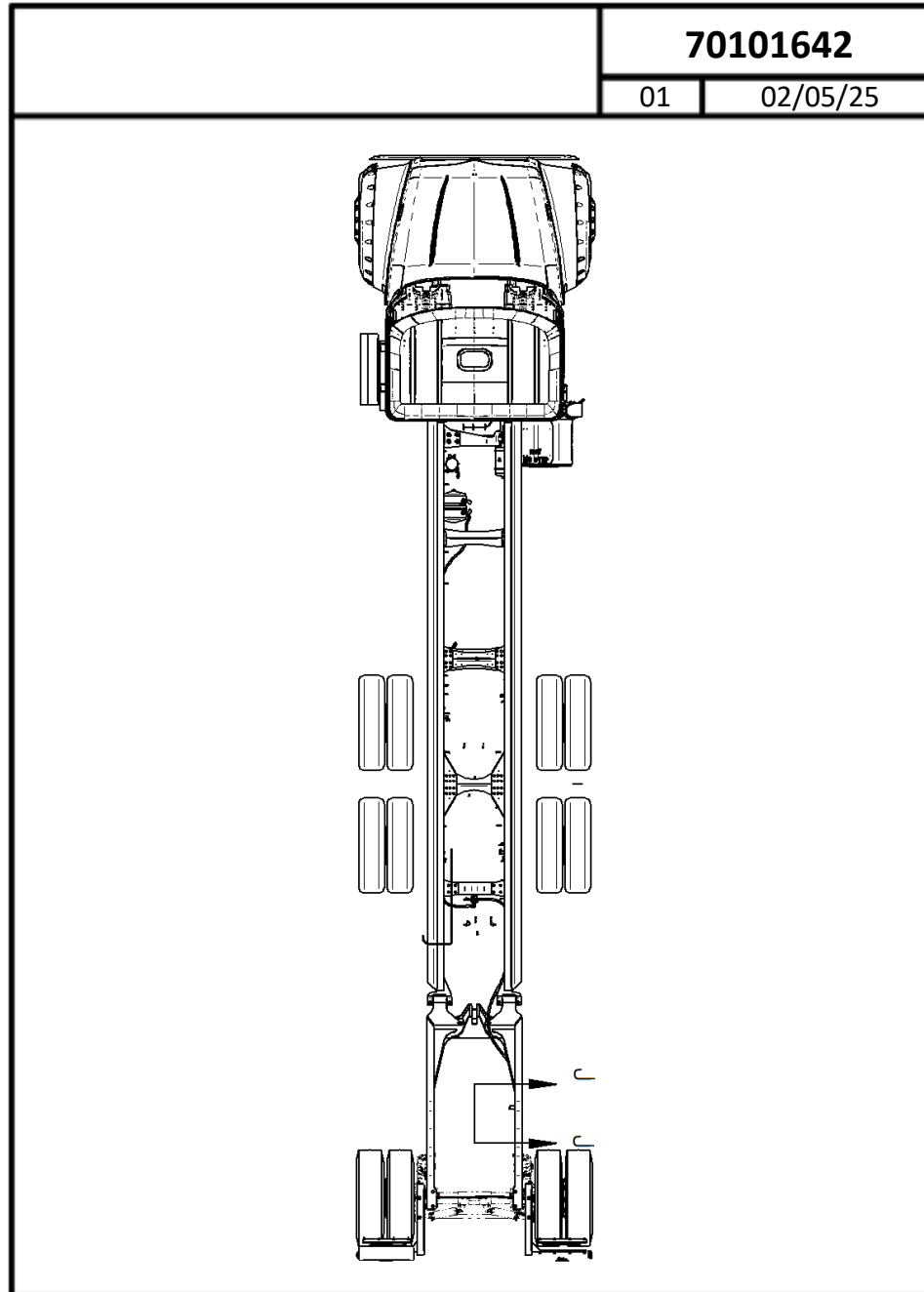
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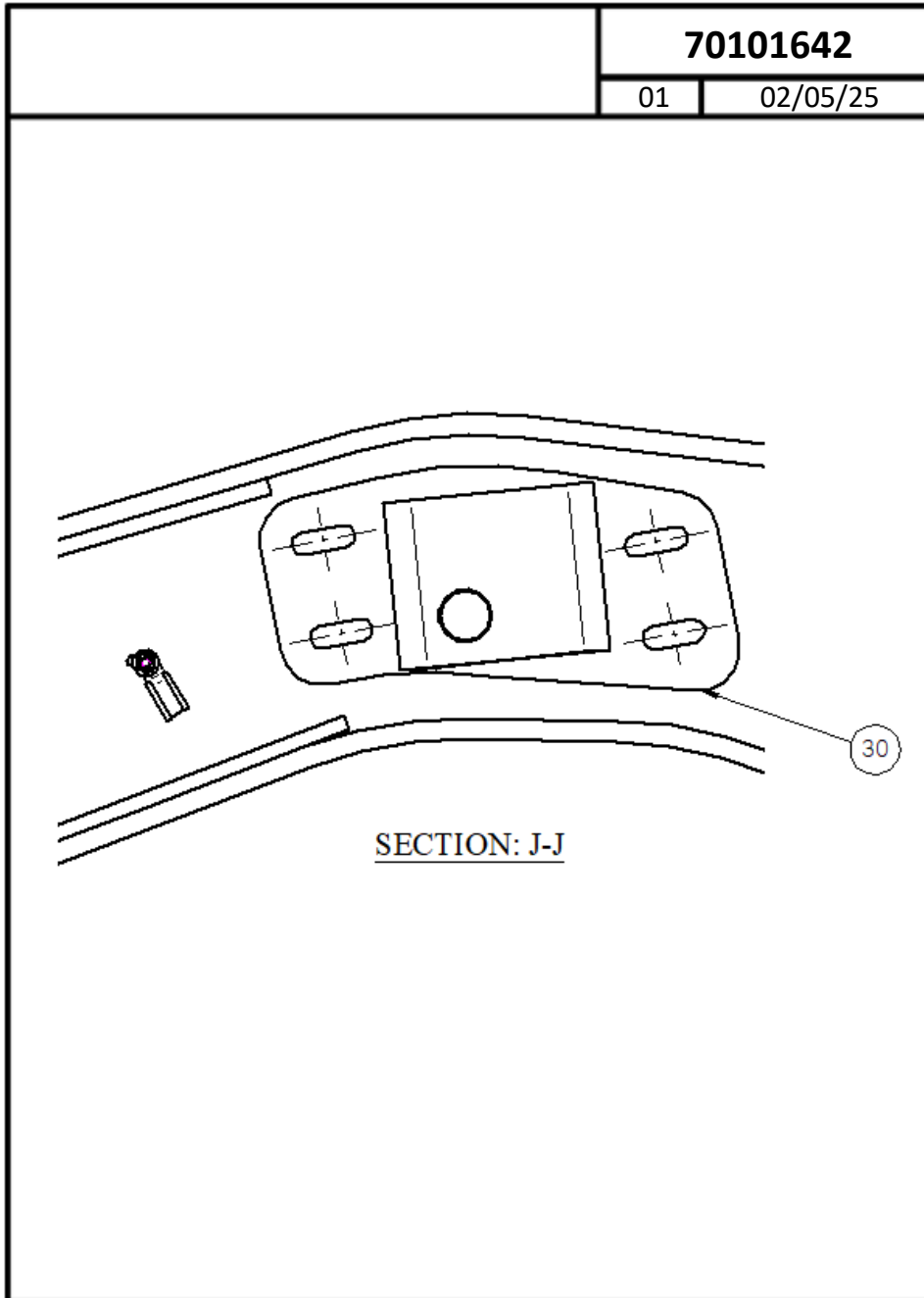


DETAIL: K



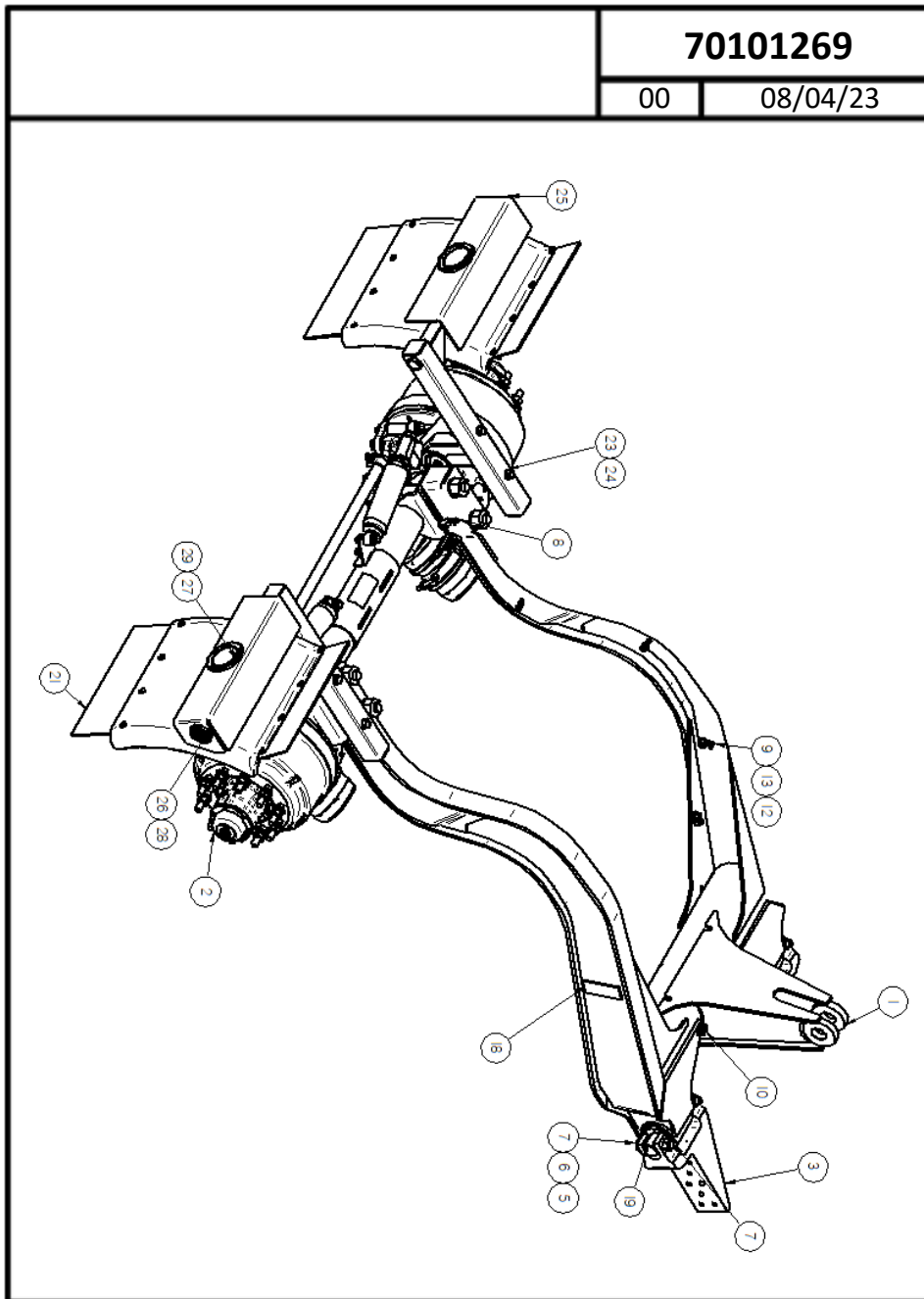


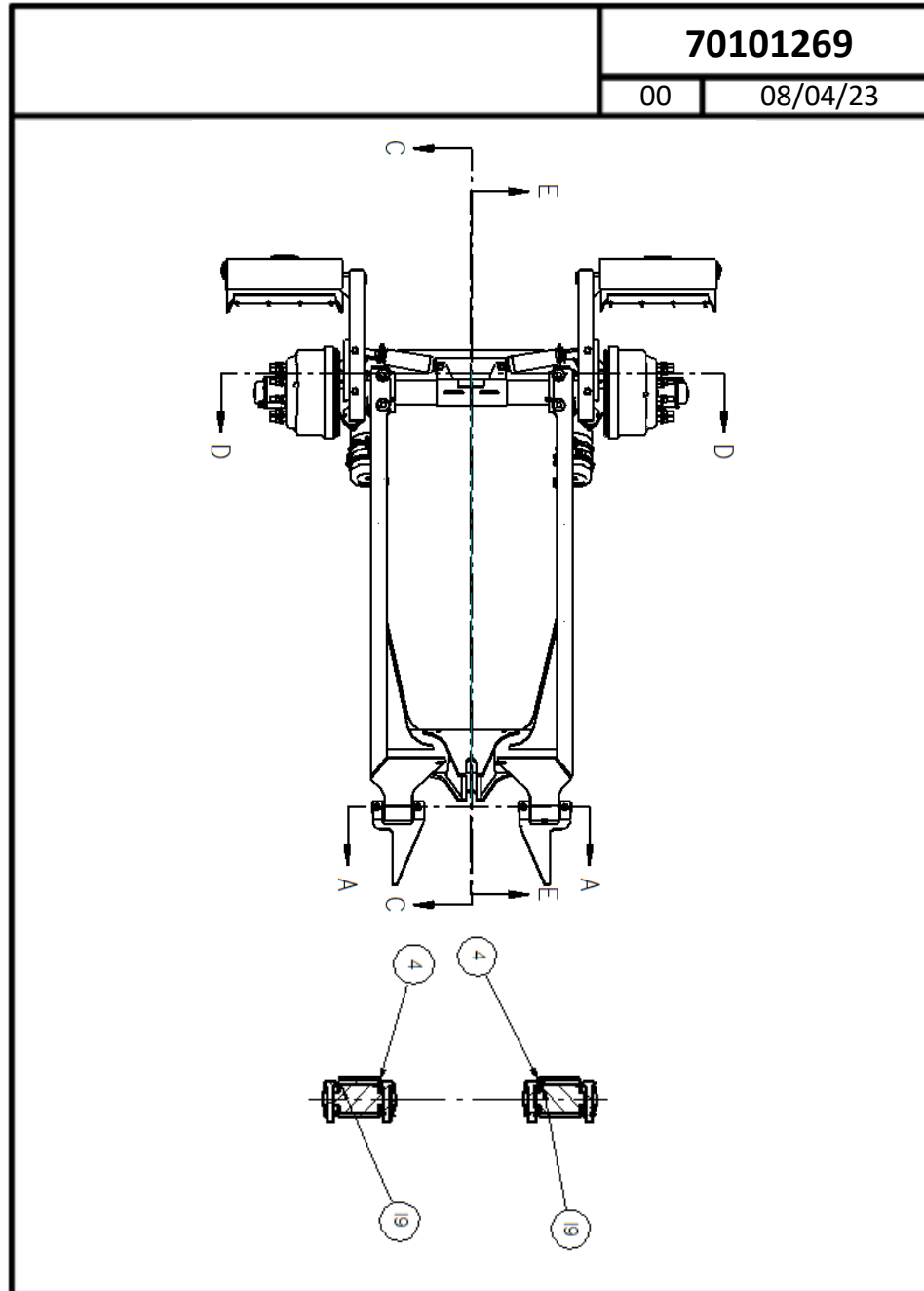


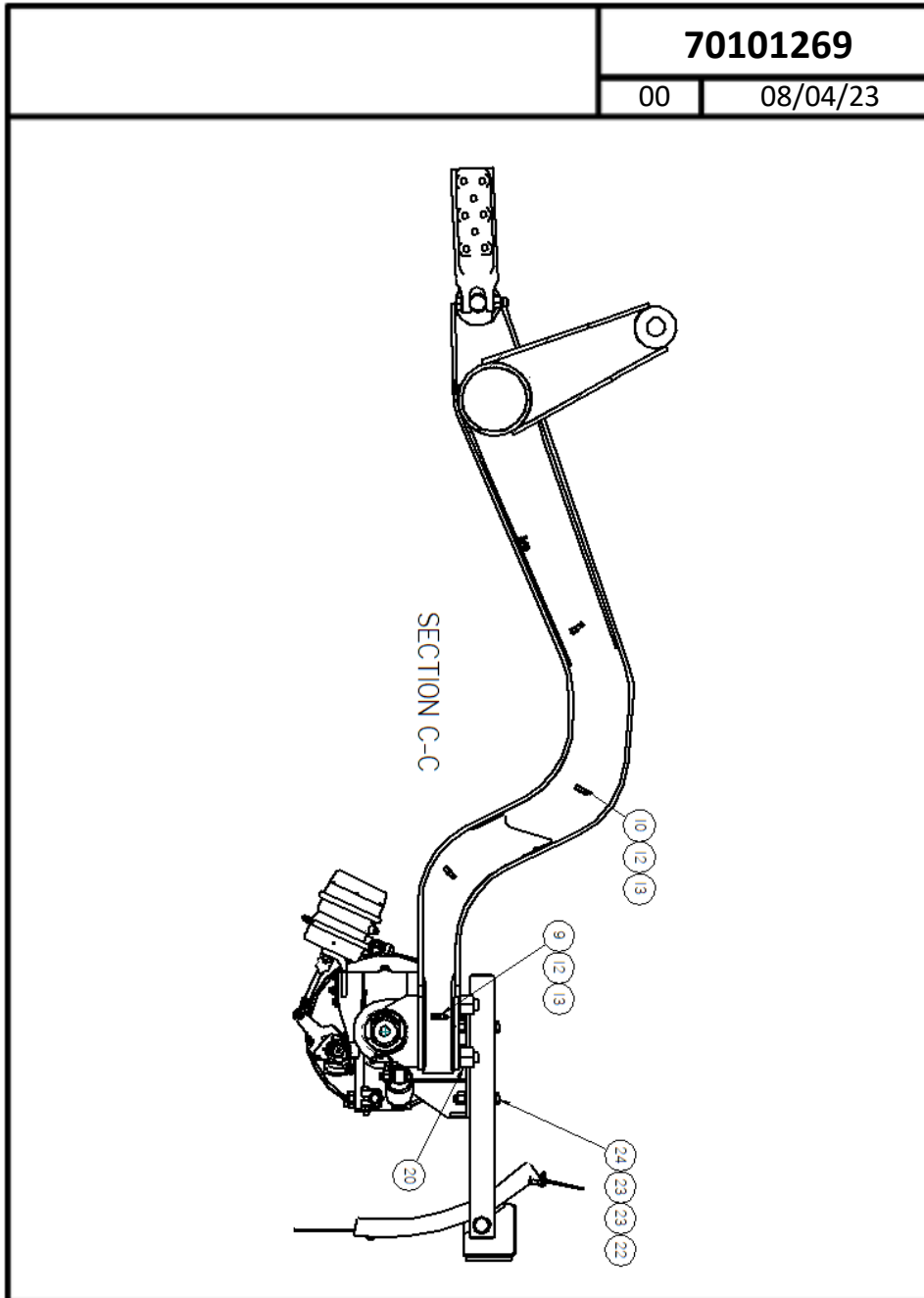


ITEM	PART NO.	DESCRIPTION	QTY
1	70101269	ASSY, BOOSTER AXLE (PLAIN) DUALY	1
2	98420193	ASSY, BOOSTER AIR LINE RELAY VALVE	1
3	30358417	HOSE - PNEU, AIR BRAKE 3/8" ID X 3/4" OD	32 FT
4	98417992	FITTING - ELB, 90° 3/4" TUBE X 1/2" NPTM	1
5	30351528	FITTING - HYD, EL 90 DEG 3/8" X 1/4" NPT NON SWIVEL	1
6	98389436	TUBE - PLASTIC, AIR LINE 3/4" OD/0.092 W	18 FT
7	30305009	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 W	6 FT
8	30389129	HARNESS - CONT, TAIL LIGHT BOOSTER	1
9	30367385	CLAMP - BEAM, HAMMER-ON - 5/16" TO 1/2"	5
10	70101647	WLDT, LATCH BOLT ON	1
11	70101105	BOOSTER PAD 1" OFFSET	2
12	30358386	HHCS, 5/8"-11 X 1 3/4" GR.5	4
13	30389783	SCREW - FPHMS 5/- X LG. ZINC	4
14	30308466	FITTING - LUB, GREASE ZERK STR 1/8 NPT	2
15	30389130	CYLINDER - HYD, LATCH BOOSTER AXLE	1
16	30389467	FITTING, HYD, MALE 3/8" NPT TO #6 FLARE	1
17	30302130	WASHER, FLAT, 3/8, ZP	2
18	30348305	HHCS, 3/8-16UNC X 1 1/2" GR5	2
19	30389195	NUT, NYLON LOCK, 3/8-16UNC GR8, ZP	2
20	70100158	BRACKET, PROX SWITCH MOUNT	1
21	30303735	WASHER, FLAT, 1/4" USS, ZP	2
22	30358320	HHCS, 1/4-20UNC X 1.25" GR5, ZP	2
23	30391328	NUT, JAM, 3/8-16UNC	2
24	30315057	HHCS, 3/8-16UNC X 3 1/4" GR5, ZP	1
25	30389039	SPRING - BOOSTER AXLE LATCH	1
26	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	8
27	98394254	WASHER - FLAT, 5/8", SAE GR 8 - FE/ZN5C	4
28	70101650	HHCS, 1/2-13 X 1.75"	4
29	30307220	NUT, NYLON LOCK 1/2 -13UNC	4
30	70102180	WLDT- INSTRUCTIONS, 14 YD PIN	1

9.7.1 70101269 – ASSY, BOOSTER AXLE (PLAIN)

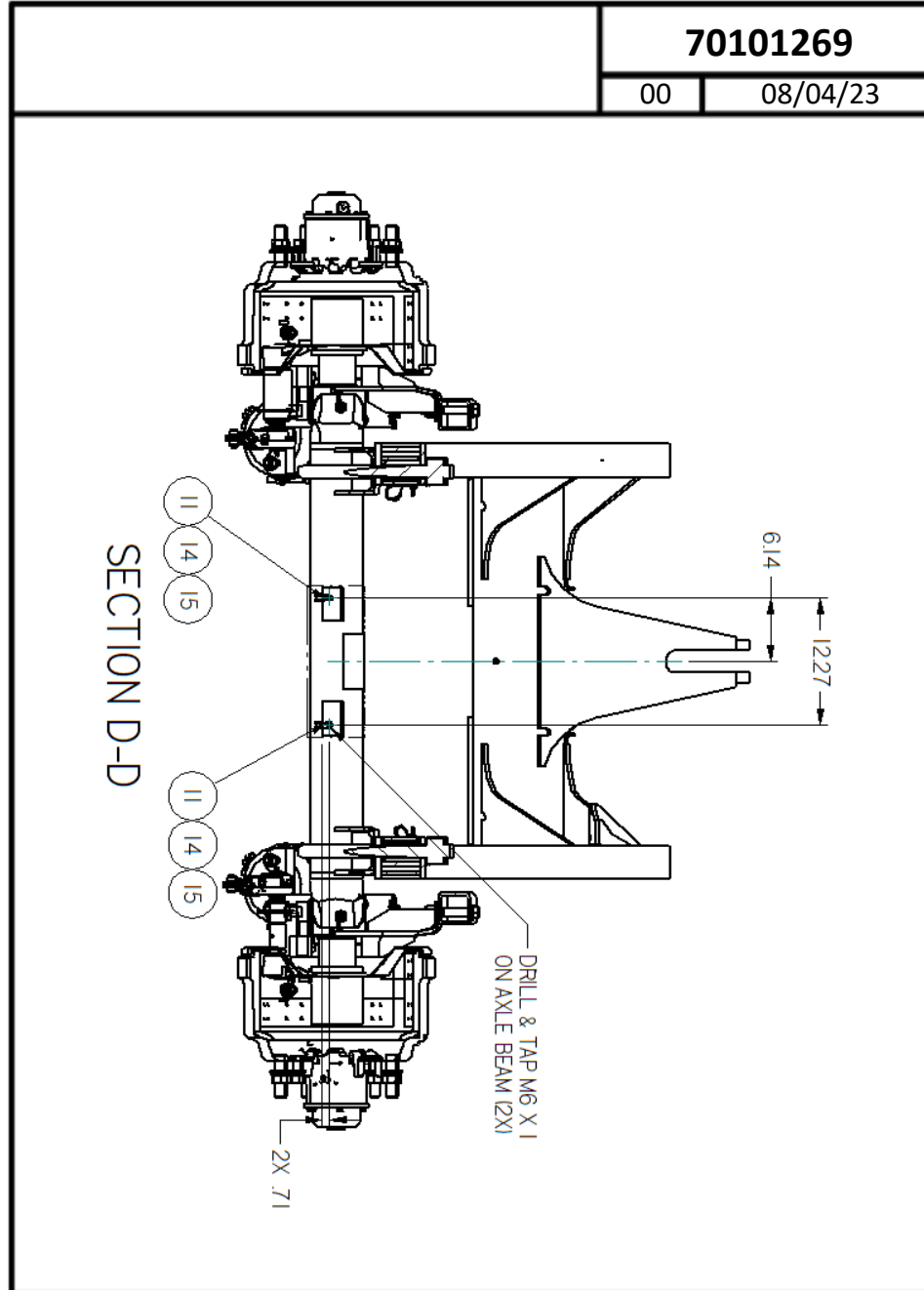


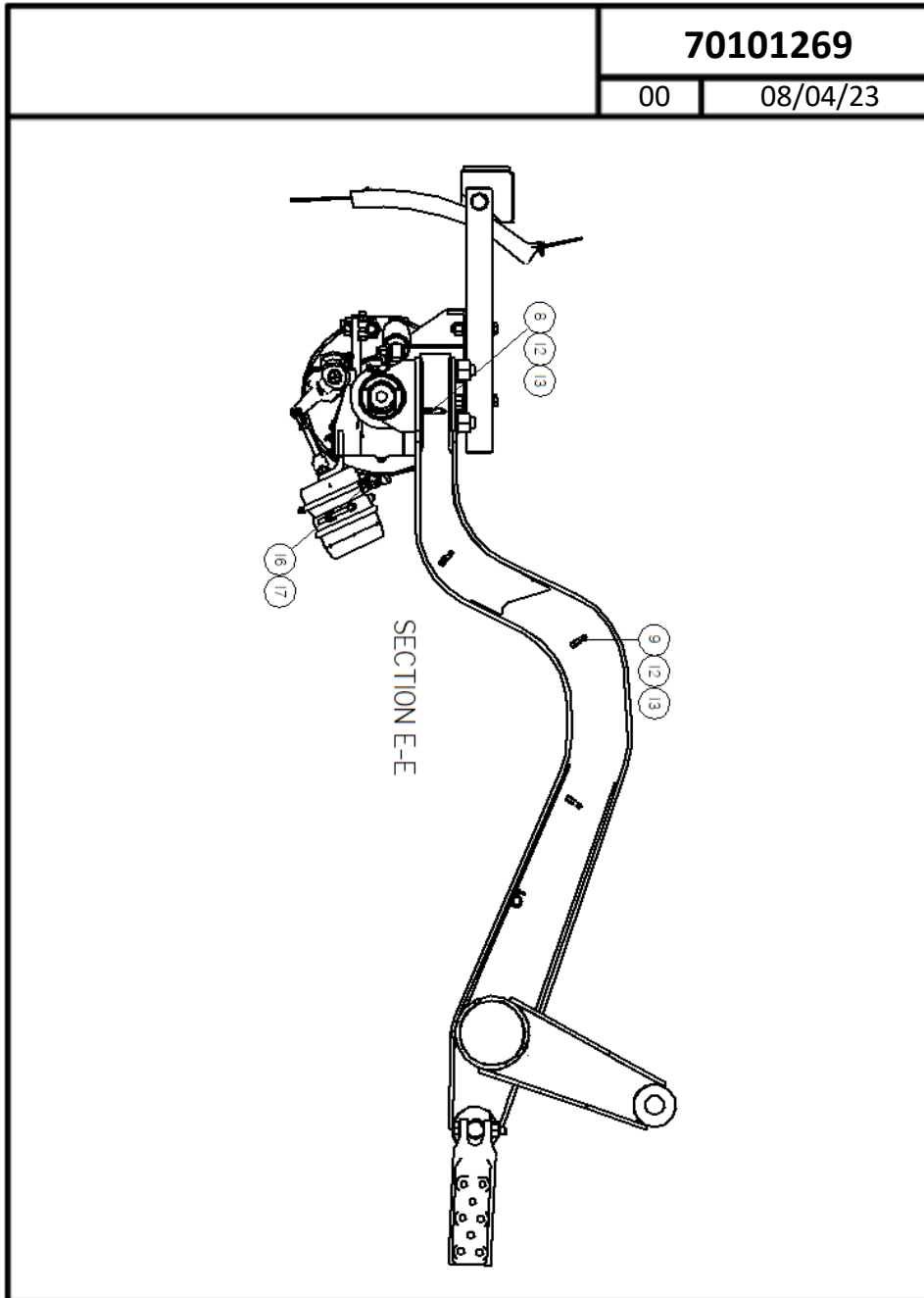




TIGHTENING PROCEDURE FOR U-BOLT

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.

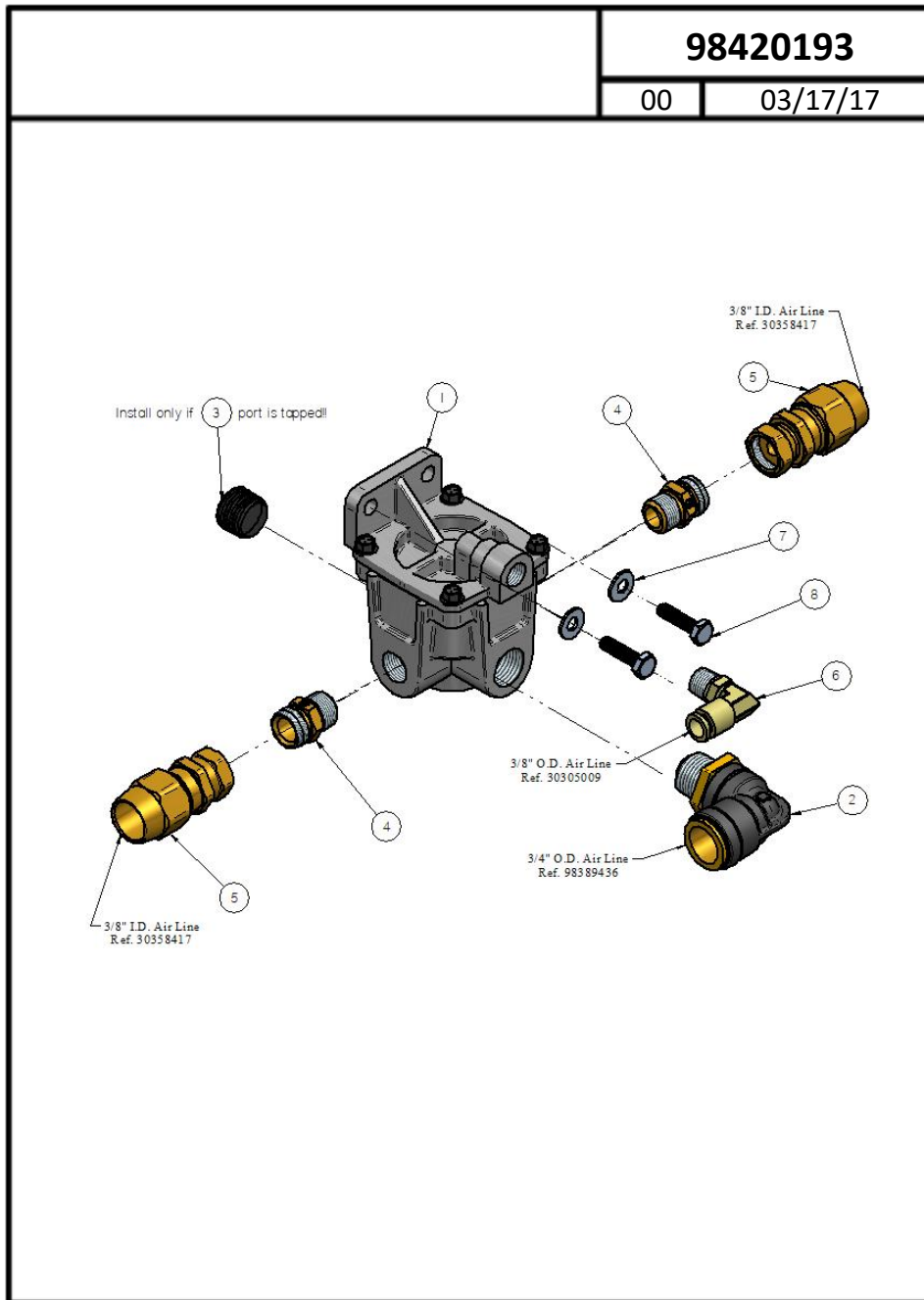




ITEM	PART NO.	DESCRIPTION	QTY
1	70101255	WELDMENT - BOOSTER AXLE ARM	1
2	70101171	BOOSTER AXLE, DUALY	1
3	30386606	CASTING, PIVOT BUSHING BRACKET	2
4	30386608	PLT - FORCE WASHER	2
5	70100199	NUT - NYLOCK 1-8 YZ8	4
6	70100200	WASHER - FLAT SAE 1" X 2" OD YZ	4
7	70100201	SCREW - HCS 1-8 X 5.5 YZ8	4
8	30389730	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

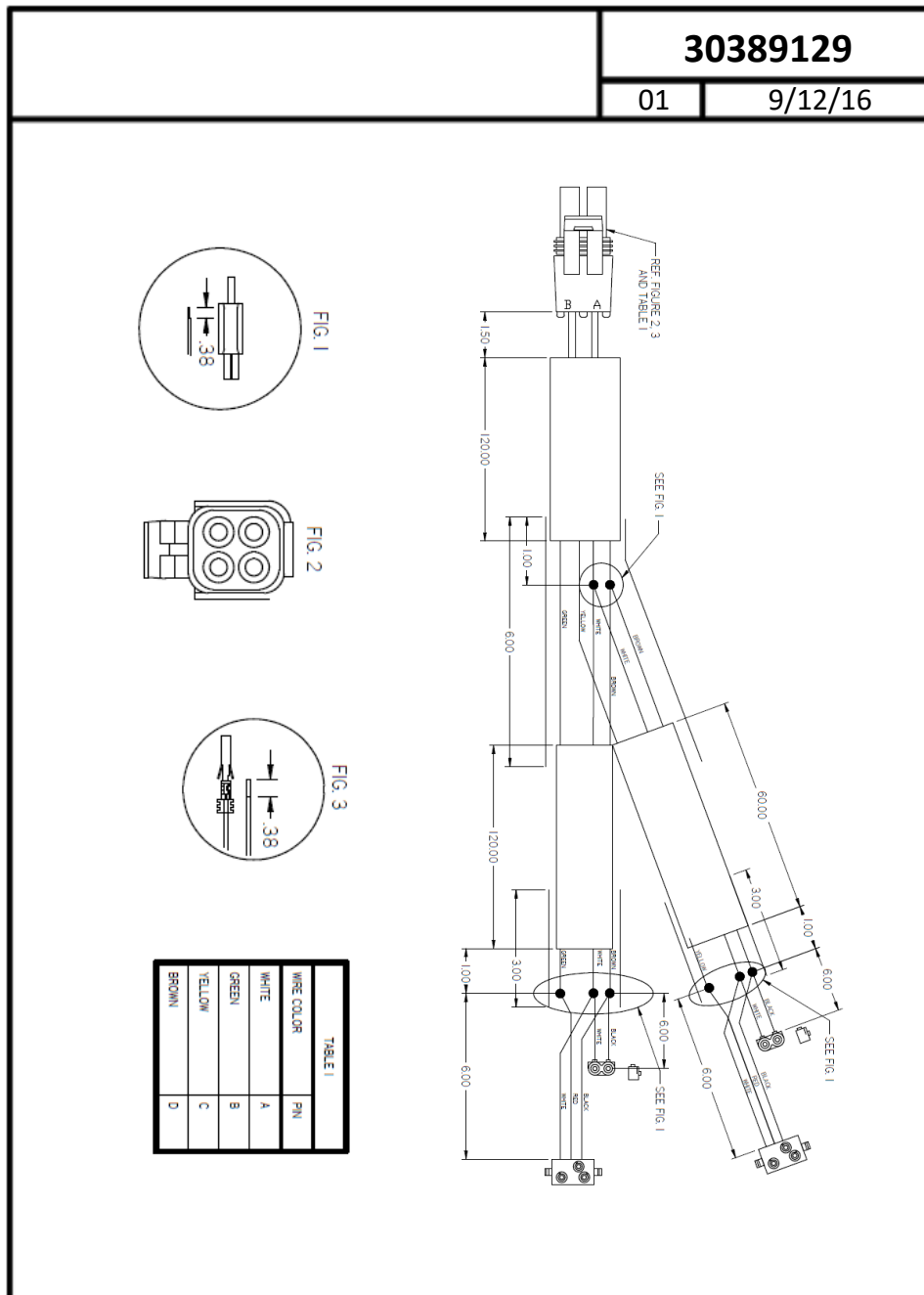
*ITEM NOT SHOWN

9.7.2 98420193 – ASSY, BOOSTER AIR LINE RELAY VALVE

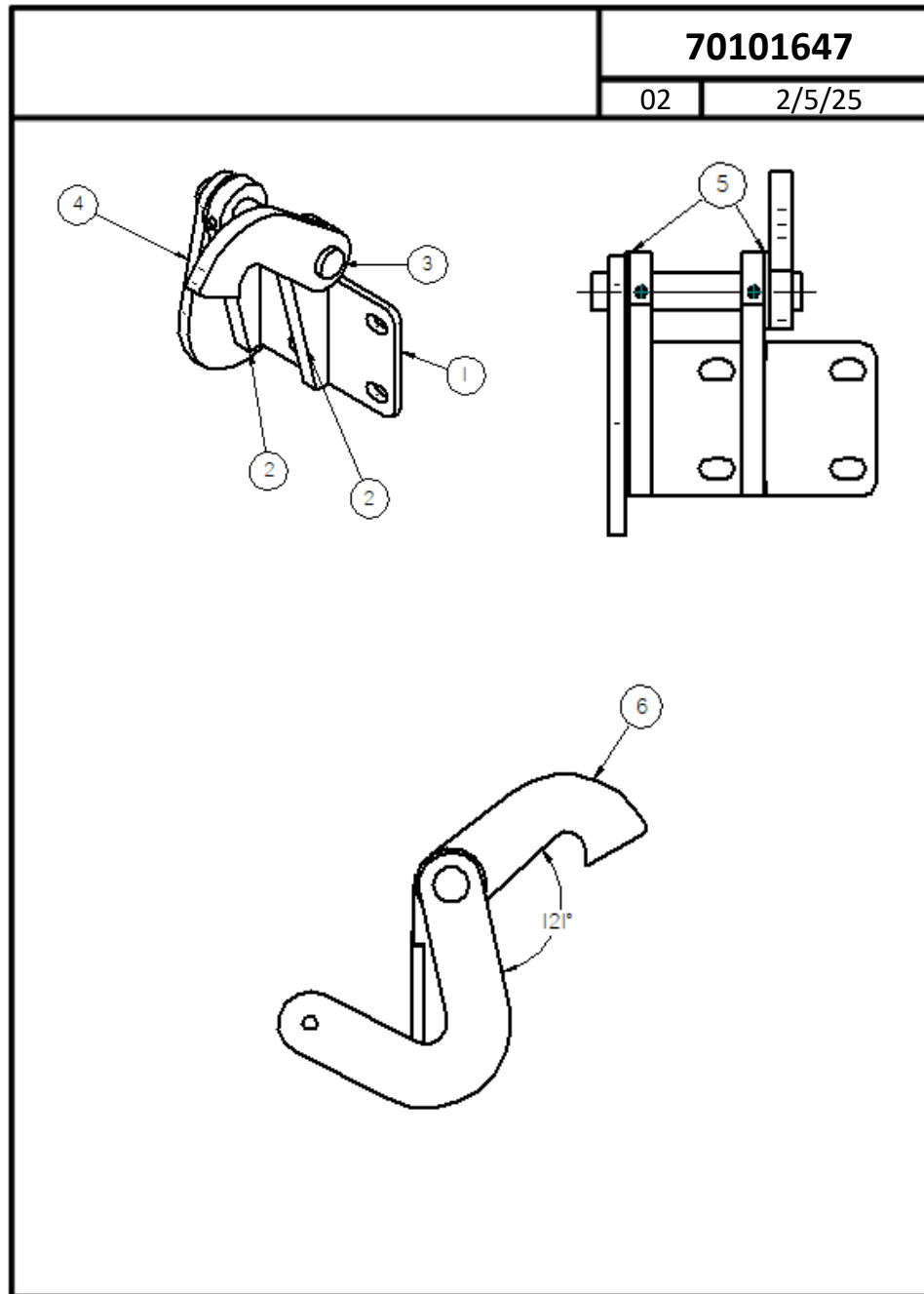


ITEM	PART NO.	DESCRIPTION	QTY
1	30315297	VALVE – PNEUMATIC RELAY 2 PORT	1
2	98417992	FITTING-ELBOW, 90 DEG 3/4" TUBE X 1/2" NPT	1
3	30389938	FITTING-1/2" NPT PLUG	1
4	30359238	FITTING-AIR, 3/4"-20 X 3/8" NPT	2
5	30359237	FITTING-AIR, 3/4"-20 X -8 HOSE	2
6	30351528	FITTING-ELBOW 3/8" TUBE X 1/4"NPT	1
7	30303735	WASHER, 1/4" FLAT	2
8	30302132	HHCS, 1/4"-20 X 1"	2

9.7.3 30389129 – HARNESS CONT, TAIL LIGHT BOOSTER

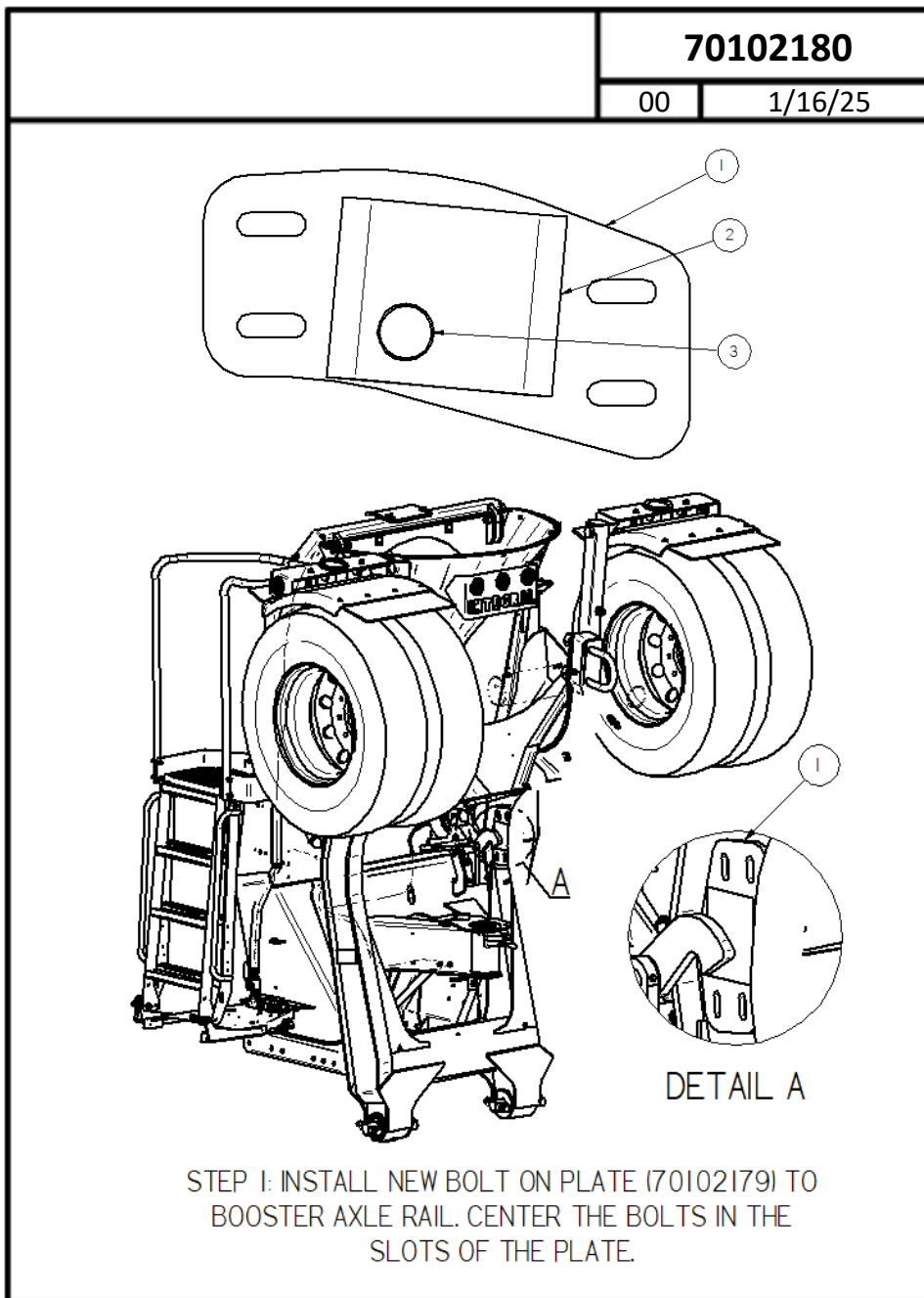


9.7.4 70101647 – WLDT, LATCH BOLT ON



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

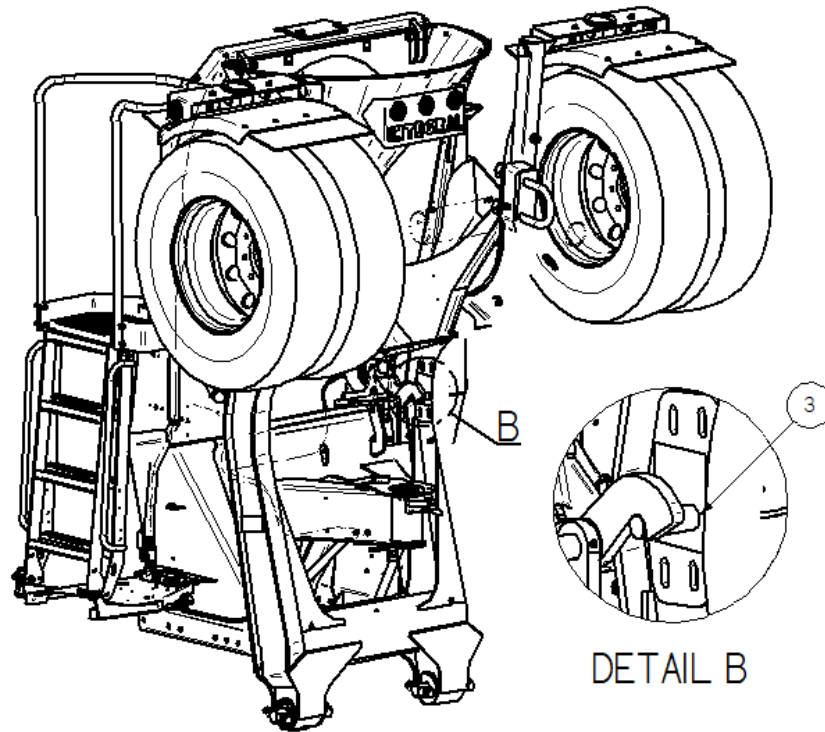
9.7.5 70102180 – WELD INSTRUCTION, 14 YARD PIN



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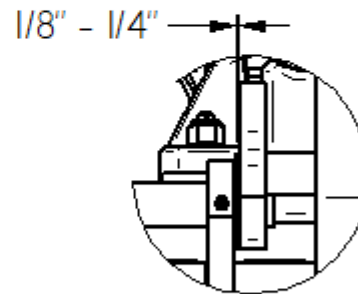
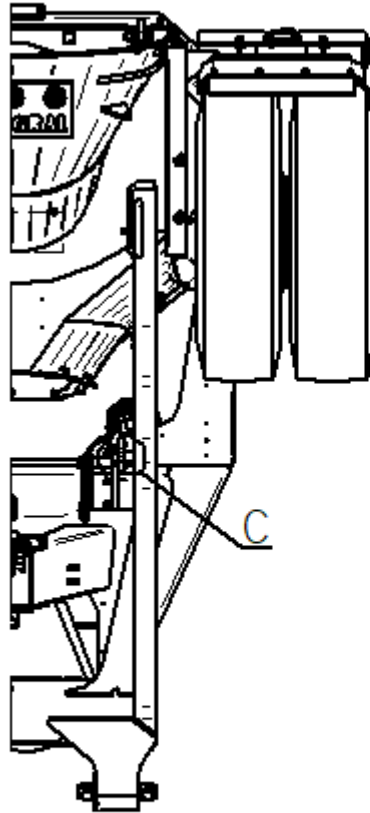


STEP 2: WITH THE BOOSTER AXLE IN THE RAISED POSITION, PLACE THE PIN (70101299) ONTO THE PLATE (70102179). ENSURE THERE IS A 1/8"-3/16" GAP AT THE REAR OF THE PIN. TACK INTO PLACE.

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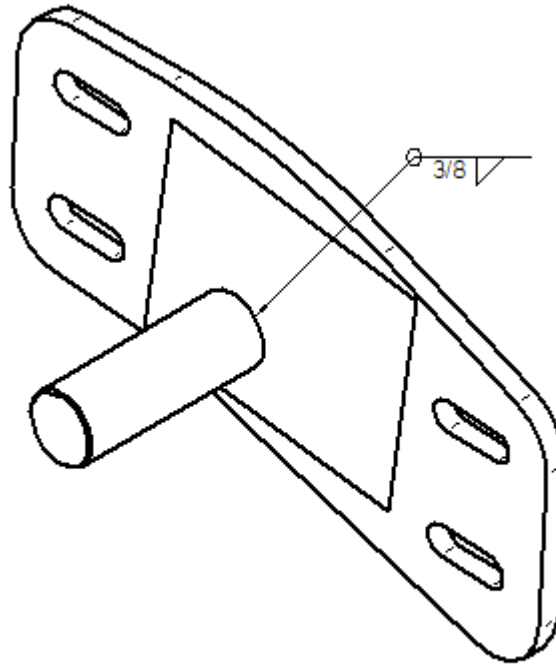
DETAIL C

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.

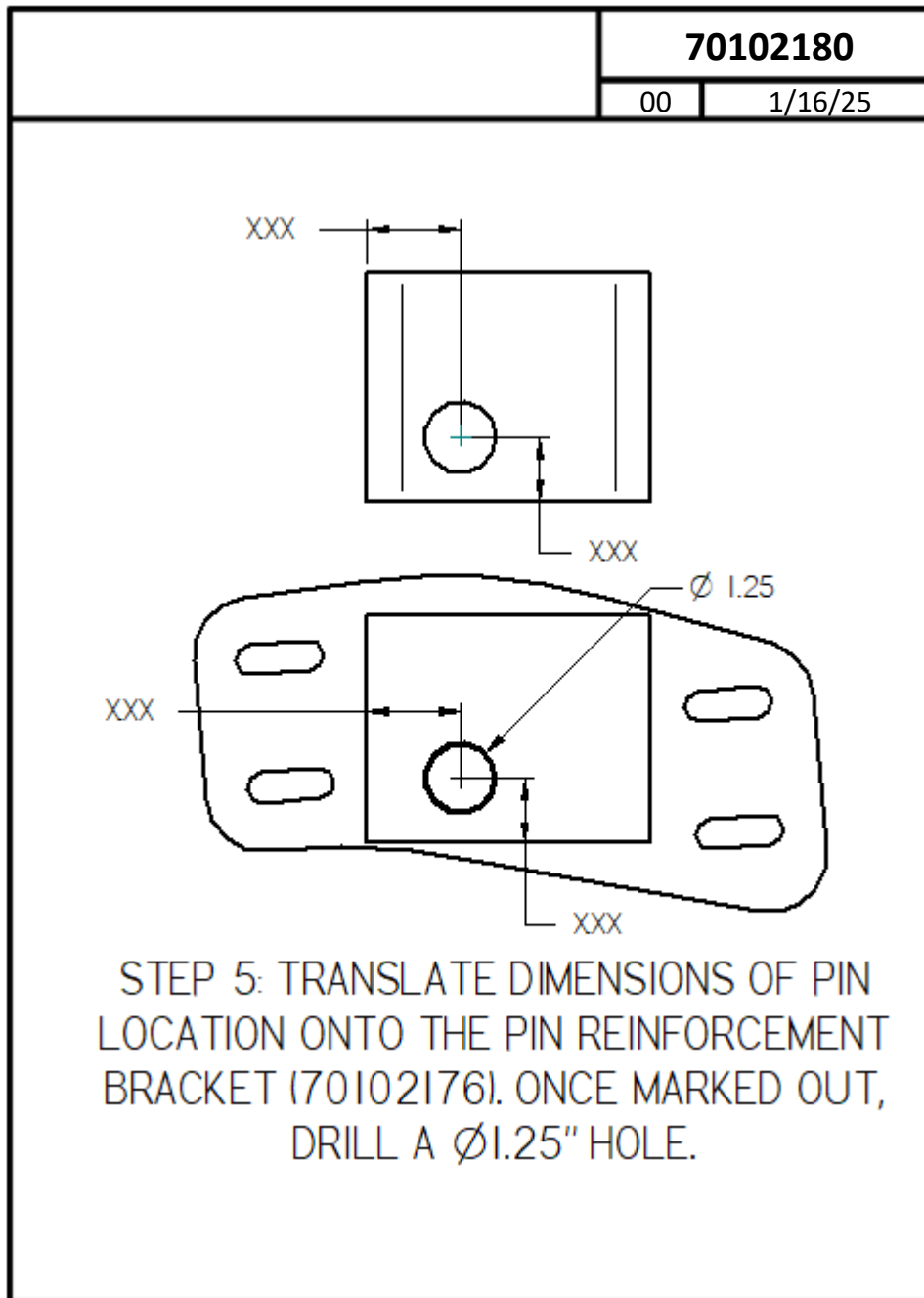
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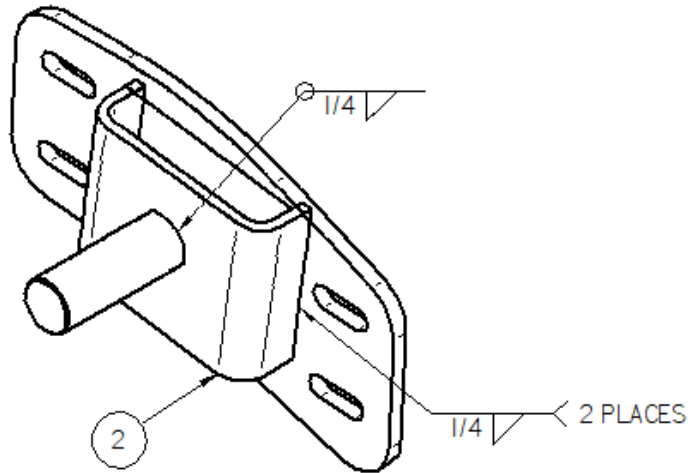
STEP 4: REMOVE THE PIECES FROM THE BOOSTER
AXLE. FULLY WELD PIN ONTO BOLT ON PLATE.



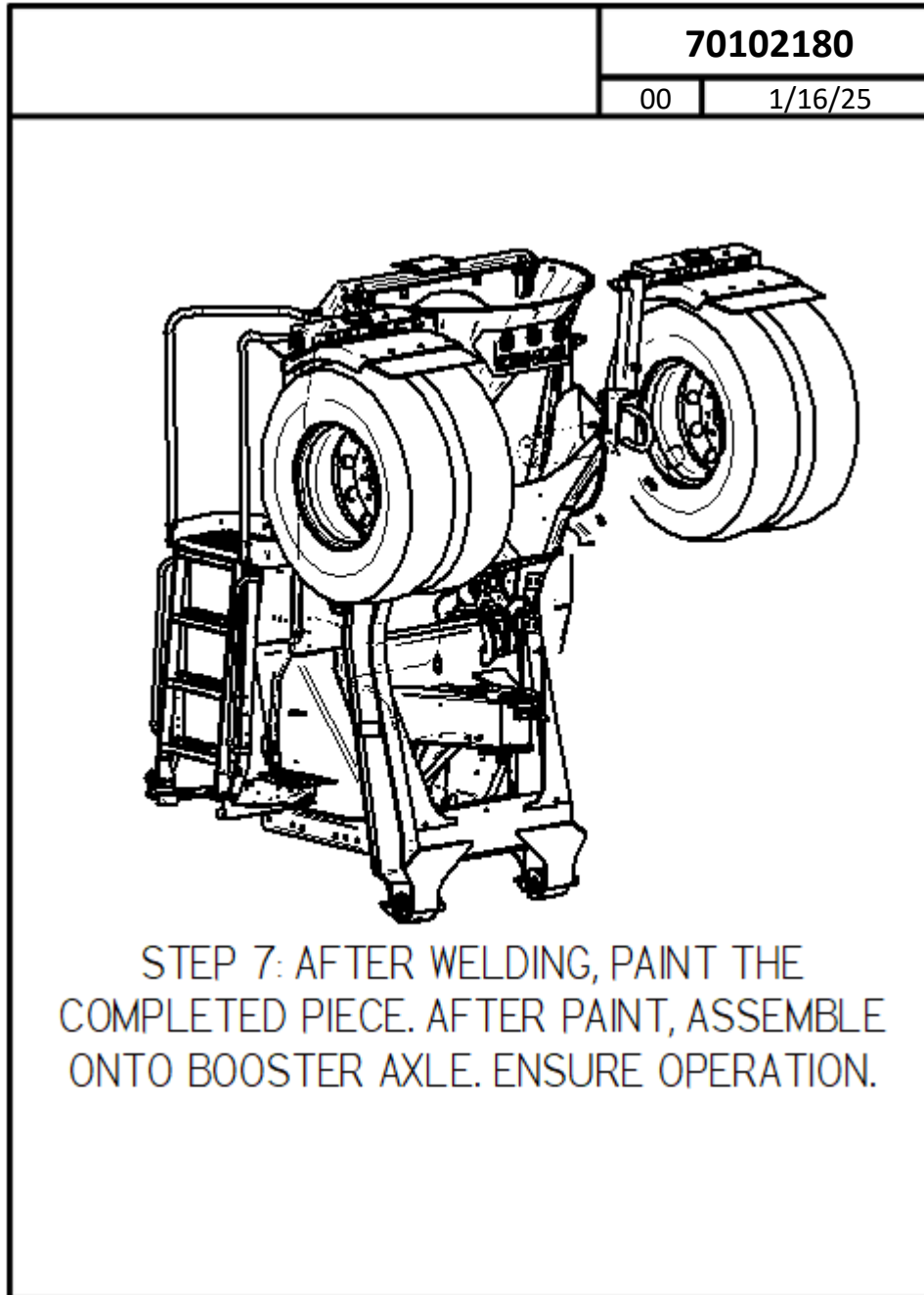
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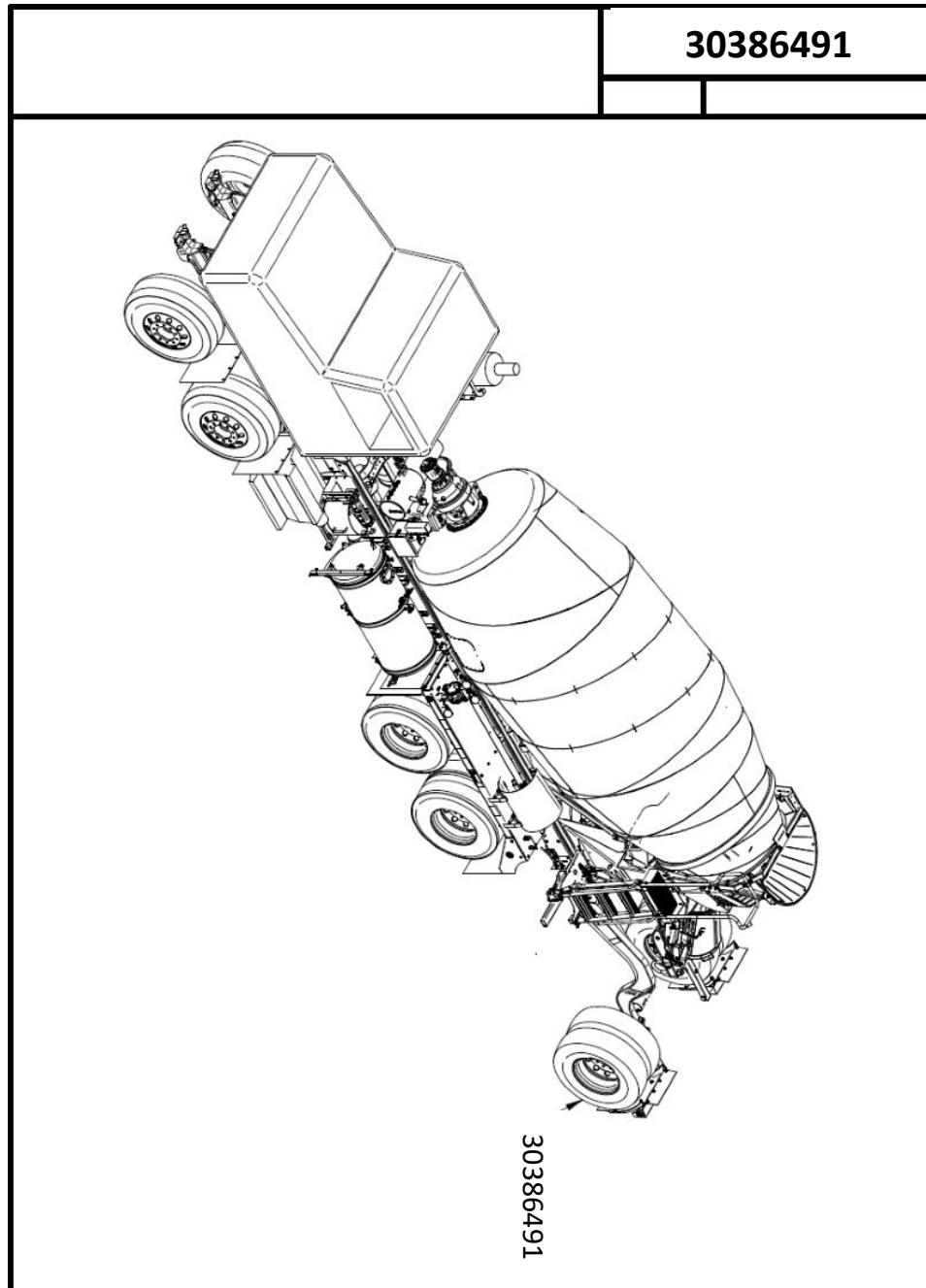


STEP 6: AFTER HOLE IS DRILLED, PLACE REINFORCEMENT PLATE OVER THE PIN AND LINE UP WITH ETCH LINES ON BOLT ON PLATE. WELD AS SHOWN ABOVE.



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

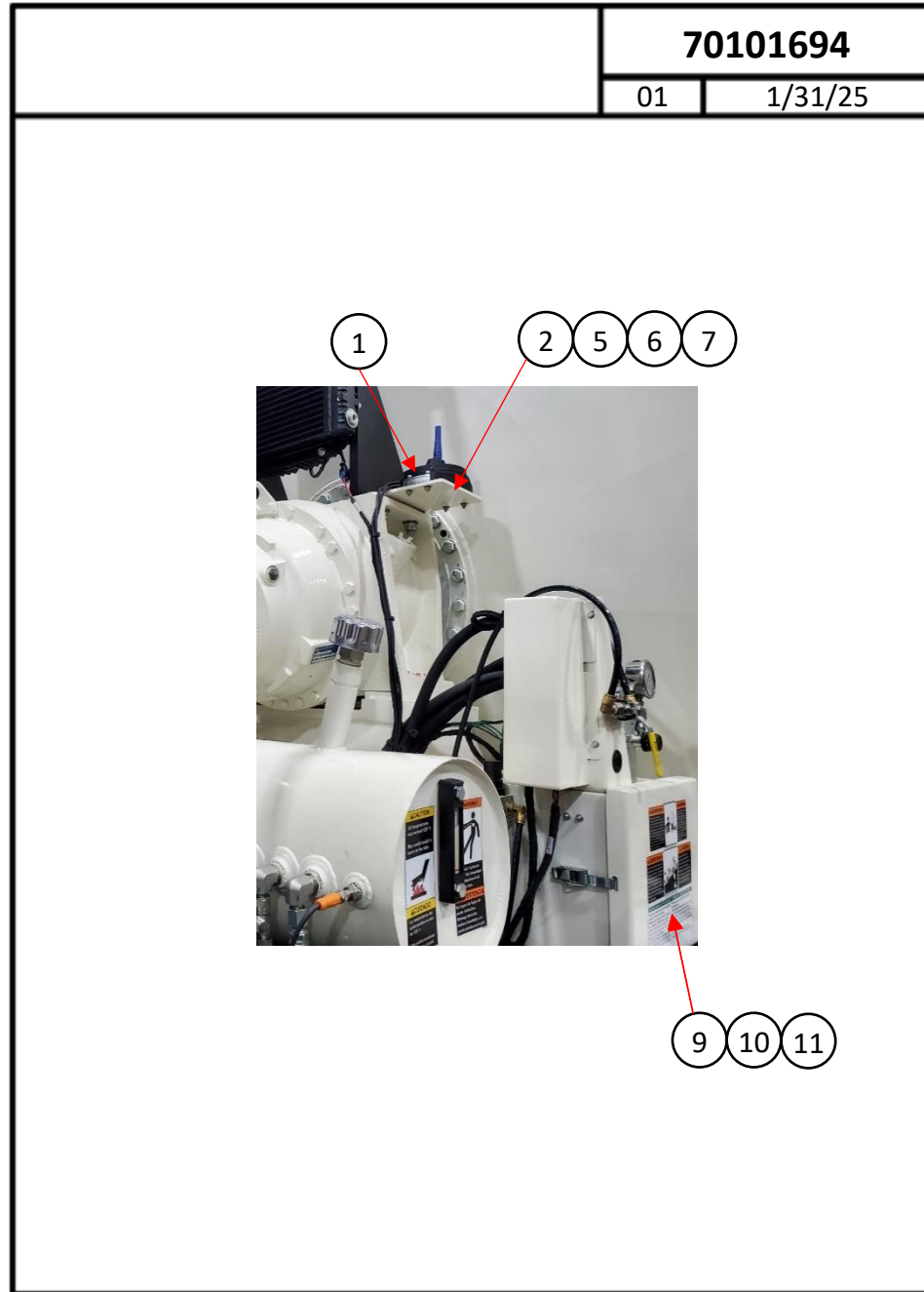
9.8 30386491 – TIRE, MNTD 11R22.5 LRH 22.5X8.25 AL

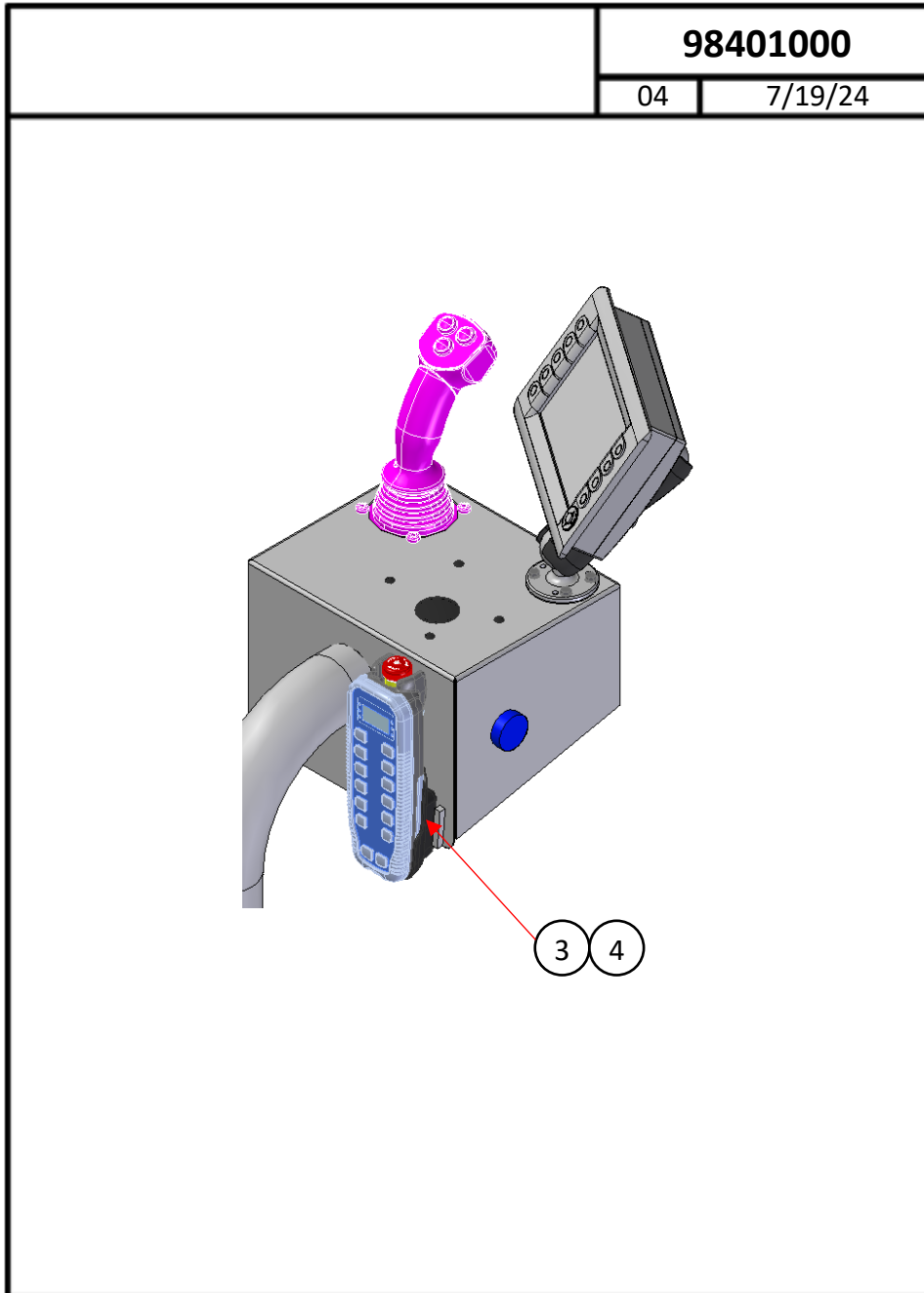


ITEM	PART NO.	DESCRIPTION	QTY
1	30386491	TIRE, MNTD 11R22.5 LRH 22.5X8	4

10 OPTIONS

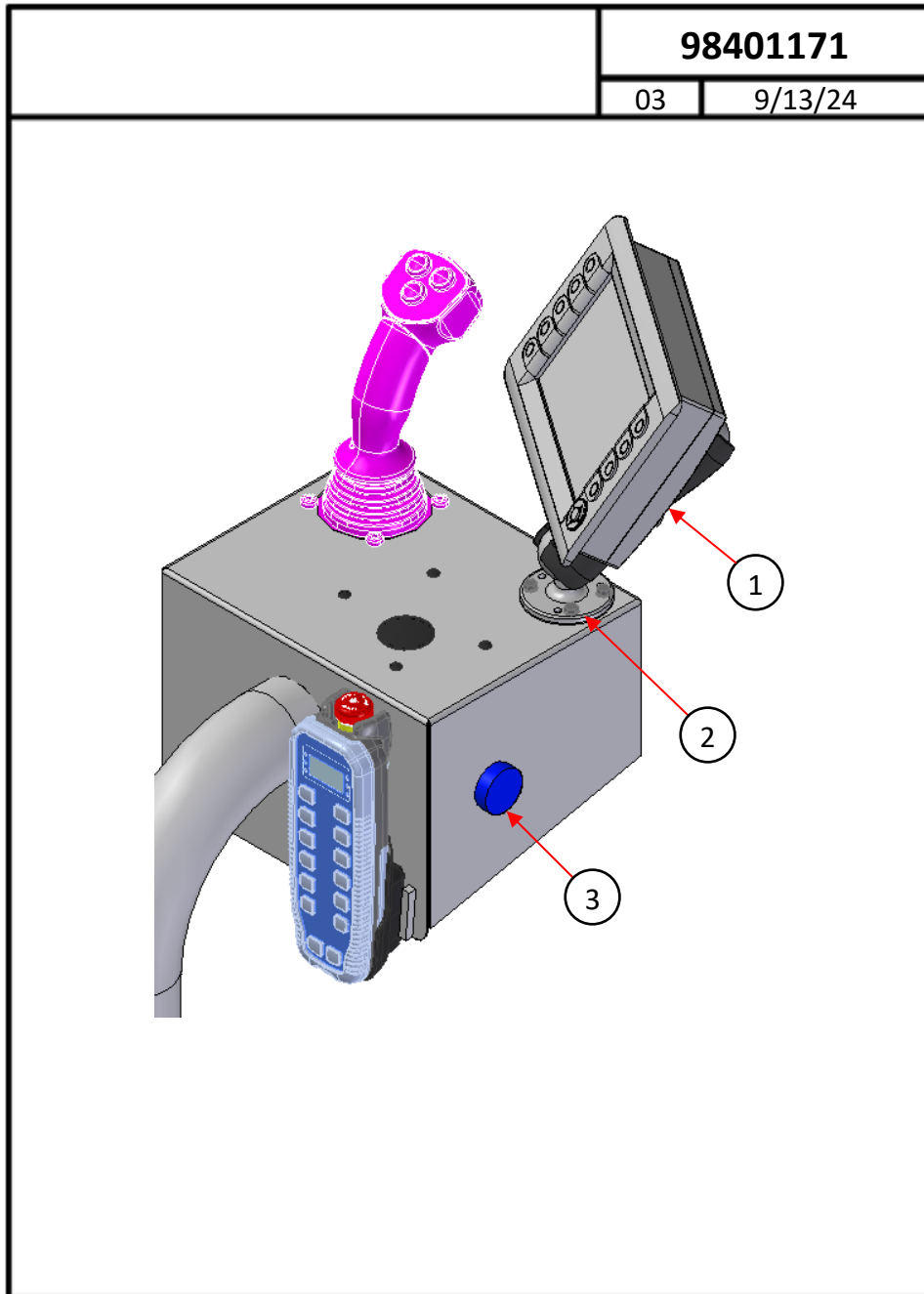
10.1	98401000 – KIT MIXER WIRELESS OPTION.....	10-235
10.2	98401171 – ASSY, 7" DISPLAY OPTION	10-238
10.2.1	98402628 – ASSY, MOUNT, 7 DISPLAY	10-240
10.3	98401002 – KIT JOYSTICK OPTION	10-242
10.4	70100236 – 15-BUTTON KEYPAD PLUG OPTION	10-245
10.5	70101694 – ASSY, CANVAS COVER 14 YD	10-246
10.6	70101617 – ASSY, ADDITIONAL RAM MOUNT OPTION	10-254
10.7	70101621 – ASSY, DUAL GT 13 CHUTE VIBRATOR.....	10-257
10.8	70101666 – ASSY, SINGLE CHUTE MOUNT	10-262
10.9	70100854 – CHUTE, 24" EXTENSION ALUMINUM	10-264
10.10	30412016 – STREET GUARD CHUTE COVER.....	10-265
10.11	98400880 – ASSY, MANSAVER.....	10-266
10.12	70102191 – ASSY, BUCKET MOUNT WITH SPACER.....	10-268
10.13	70102192 – ASSY, ADDITIONAL WORK LIGHT.....	10-270
10.13.1	70101667 – HARNESS, WORK LIGHT SPLITTER	10-271

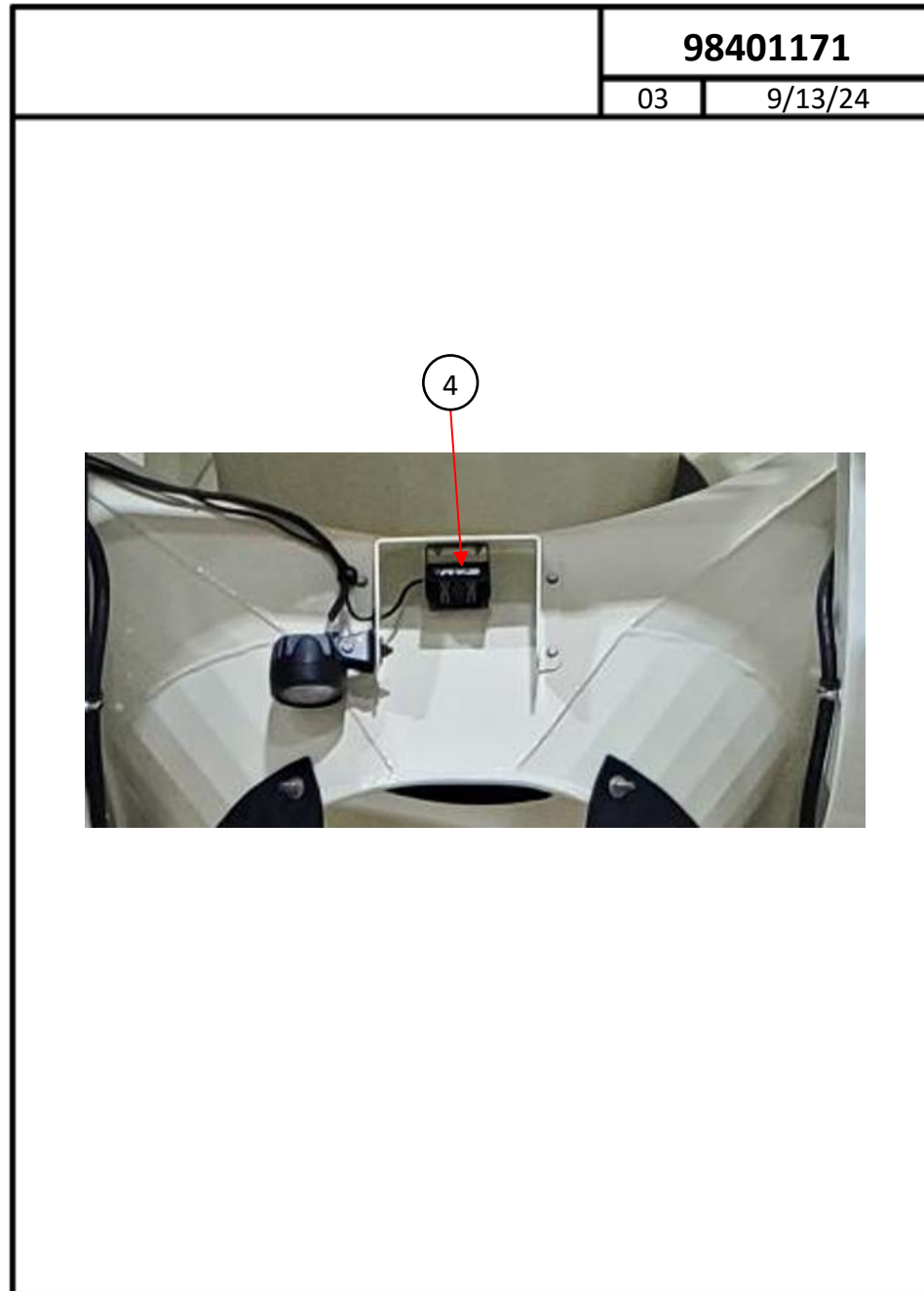
10.1 98401000 – KIT MIXER WIRELESS OPTION



ITEM	PART NO.	DESCRIPTION	QTY
1	98396021	REMOTE CONTROL MIXER CAN	1
2	98397007	PLATE, MOUNTING, ANTENNA	1
3	30373841	BOLT 1/4 -20 X 3/4 MA15,MA140	1
4	30373852	LOCK WASHER 1/4"	1
5	10001584	SHCS, M6-1X35, CL8.8, ZP	4
6	10134153	SCREW RETAINER SKM 6-GT320	4
7	30335863	M6-1 HEX NUT	4
8	98408329	PART – BREAK AWAY LANYARD	1
9	10205470	SCREW DIN 84 M 4 X 12-4.8-VZD	2
10	10145911	SCREW RETAINER SKM 4-GT320	2
11	10001230	NUT ISO 4032 M 4-8-VZD	2

10.2 98401171 – ASSY, 7" DISPLAY OPTION

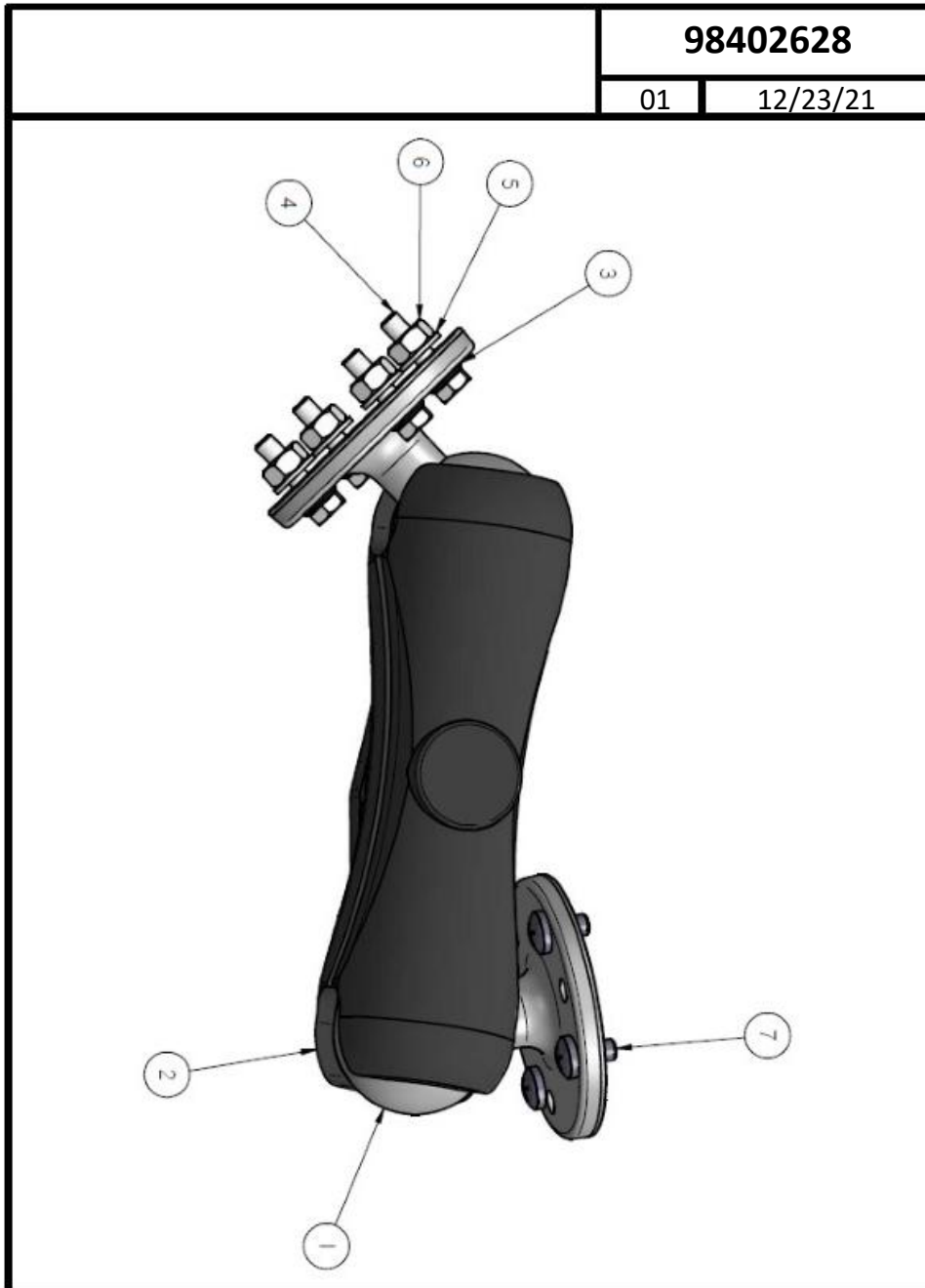




ITEM	PART NO.	DESCRIPTION	QTY
1	98395783	DISPLAY 7" CAN MIXER	1
2	98402628	ASSY, MOUNT, 7" DISPLAY	1
3	30389965	ALARM - AUDIBLE 4-28V DC MIXER	1
4	98404870	ASSY, MIXER REAR VIEW CAMER	1

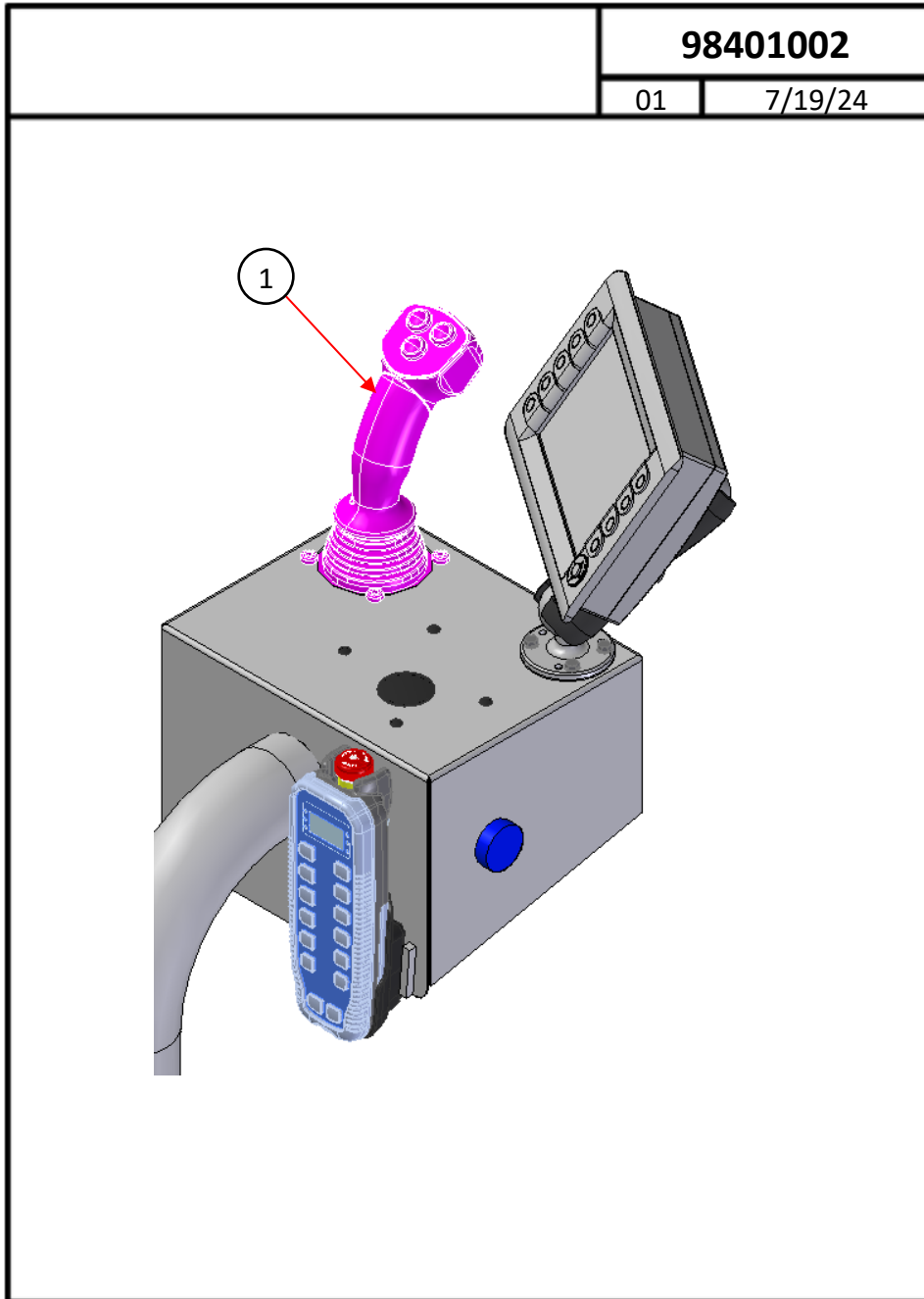
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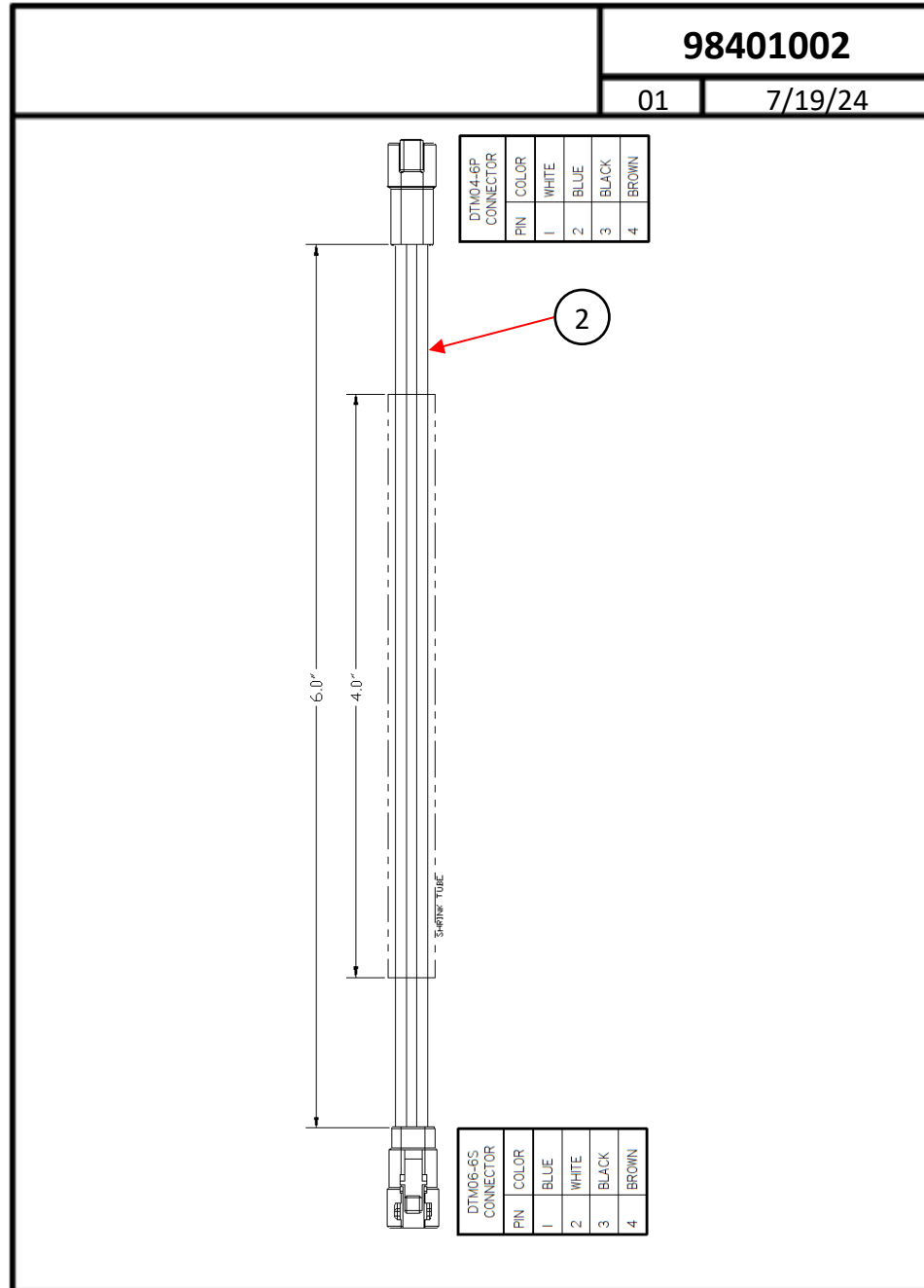
10.2.1 98402628 – ASSY, MOUNT, 7 DISPLAY



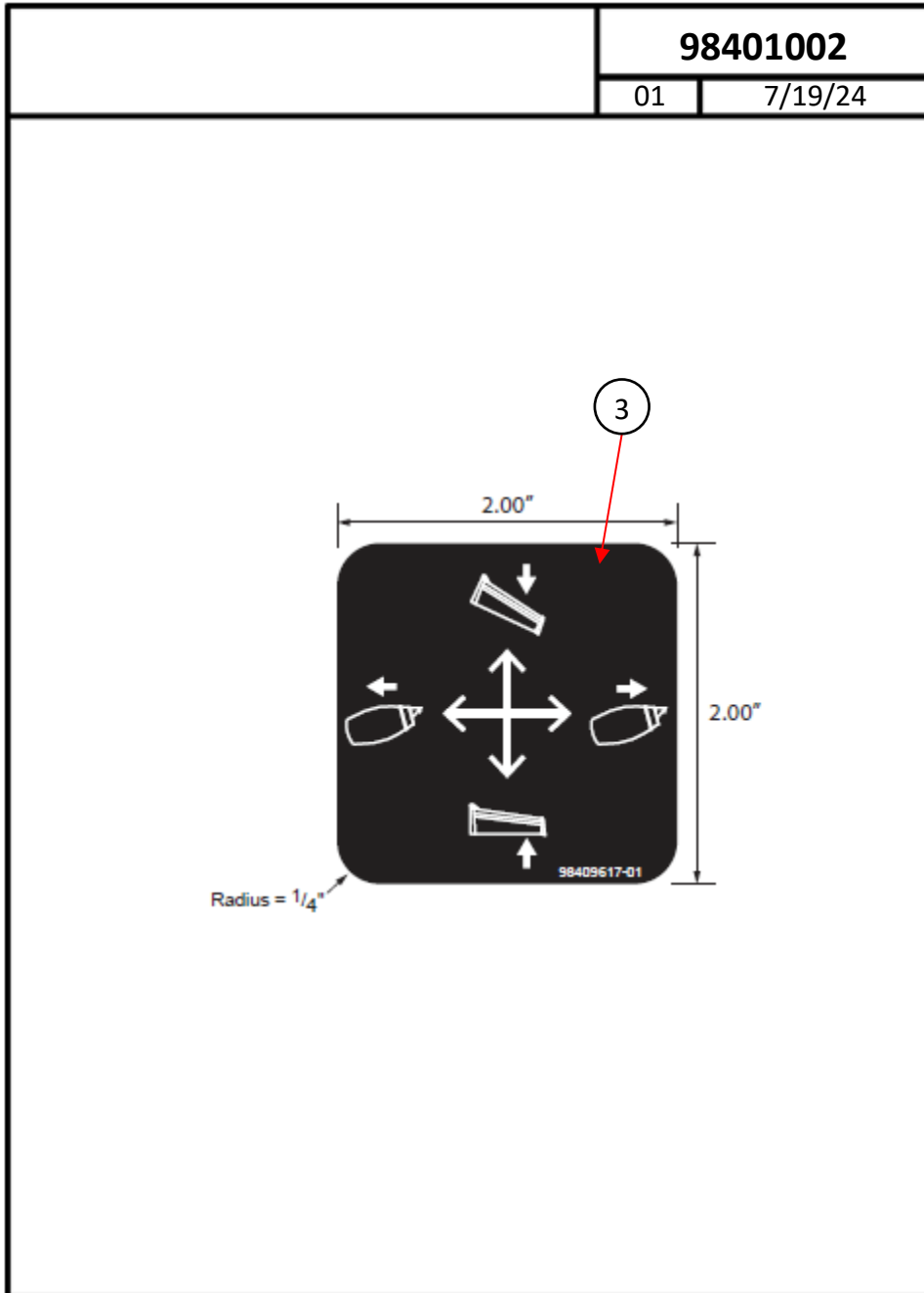
ITEM	PART NO.	DESCRIPTION	QTY
1	98396568	MOUNT, RAM BALL	2
2	98402627	ARM, MEDIUM, RAM MOUNT	1
3	98432854	WASHER DIN 125 B 5.3-140HV-A2C	4
4	10001742	SCREW ISO 4017 M 5 X 20-8.8-VZD	4
5	10145912	SCREW RETAINER SKM 5-GT320	4
6	10001237	NUT ISO 4032 M 5-8-VZD	4
7	30303951	SCREW - M 5 X 10 4.8 DIN 7985 PHMS	4

10.3 98401002 – KIT JOYSTICK OPTION

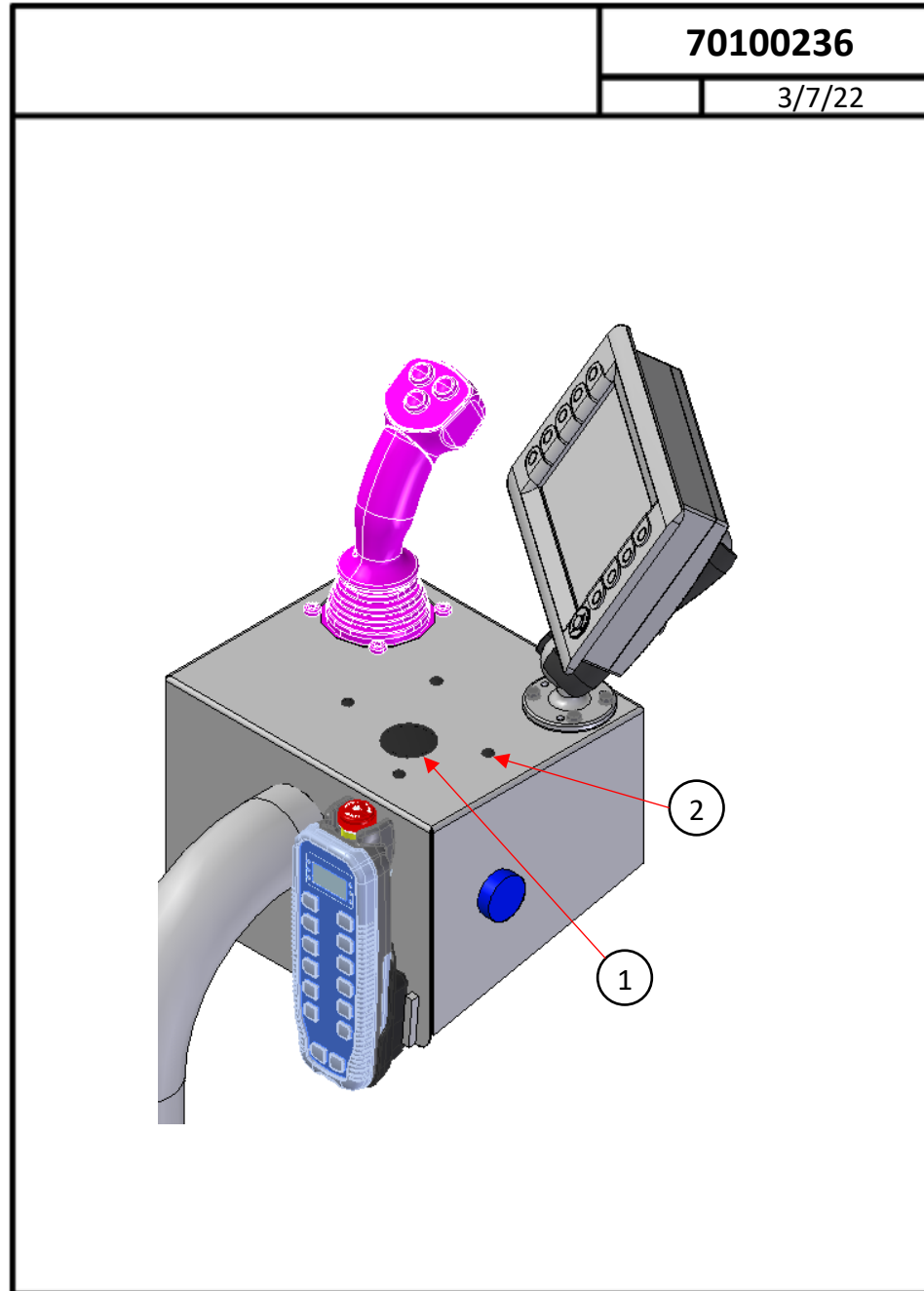




ITEM	PART NO.	DESCRIPTION	QTY
1	98395773	PART JOYSTICK - CAN, MIXER	1
2	98397802	HARNESS MIXER CAB JOYSTICK	1
3	98409617	DECAL, JOYSTICK FUNCTION	1

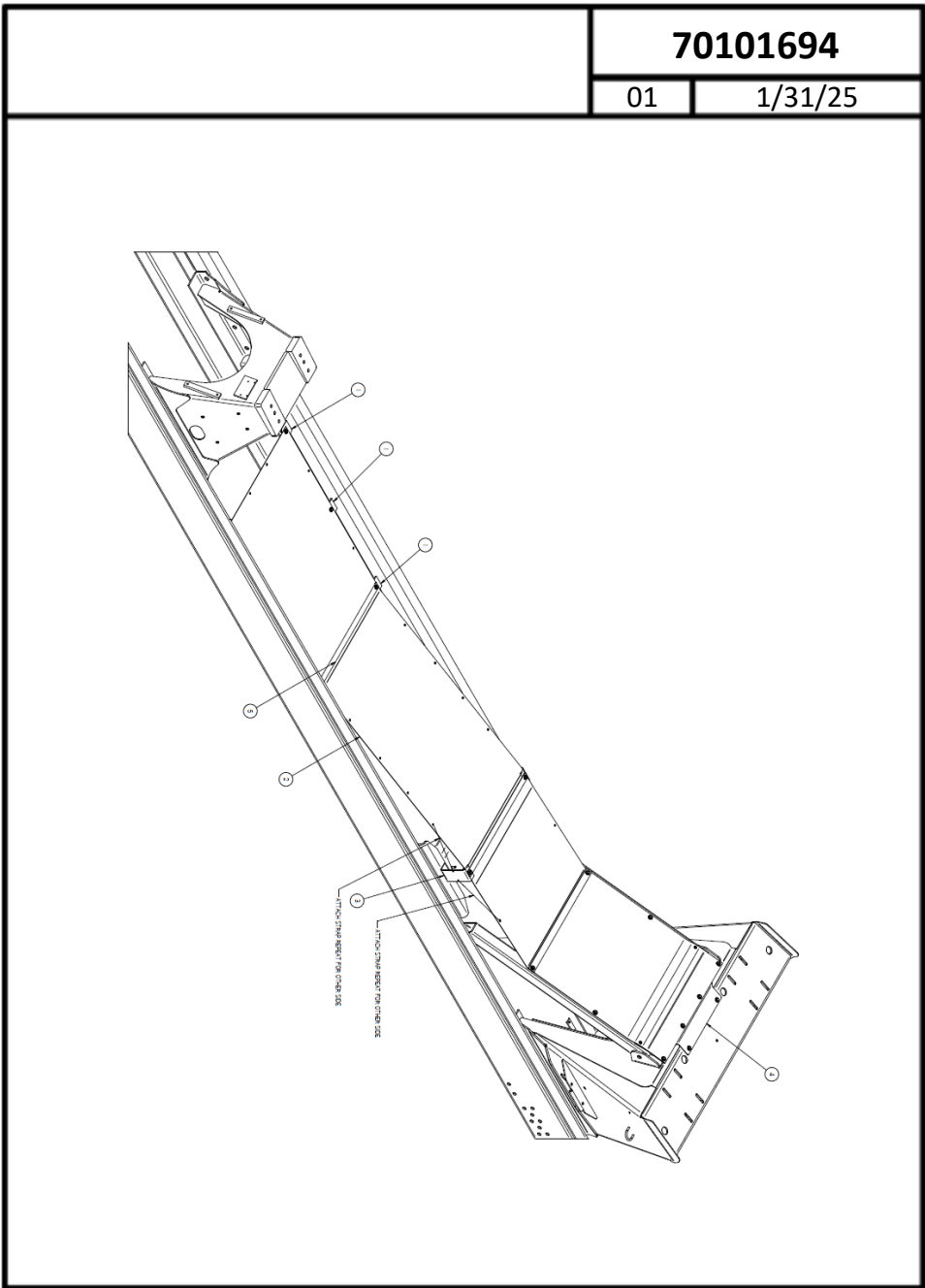


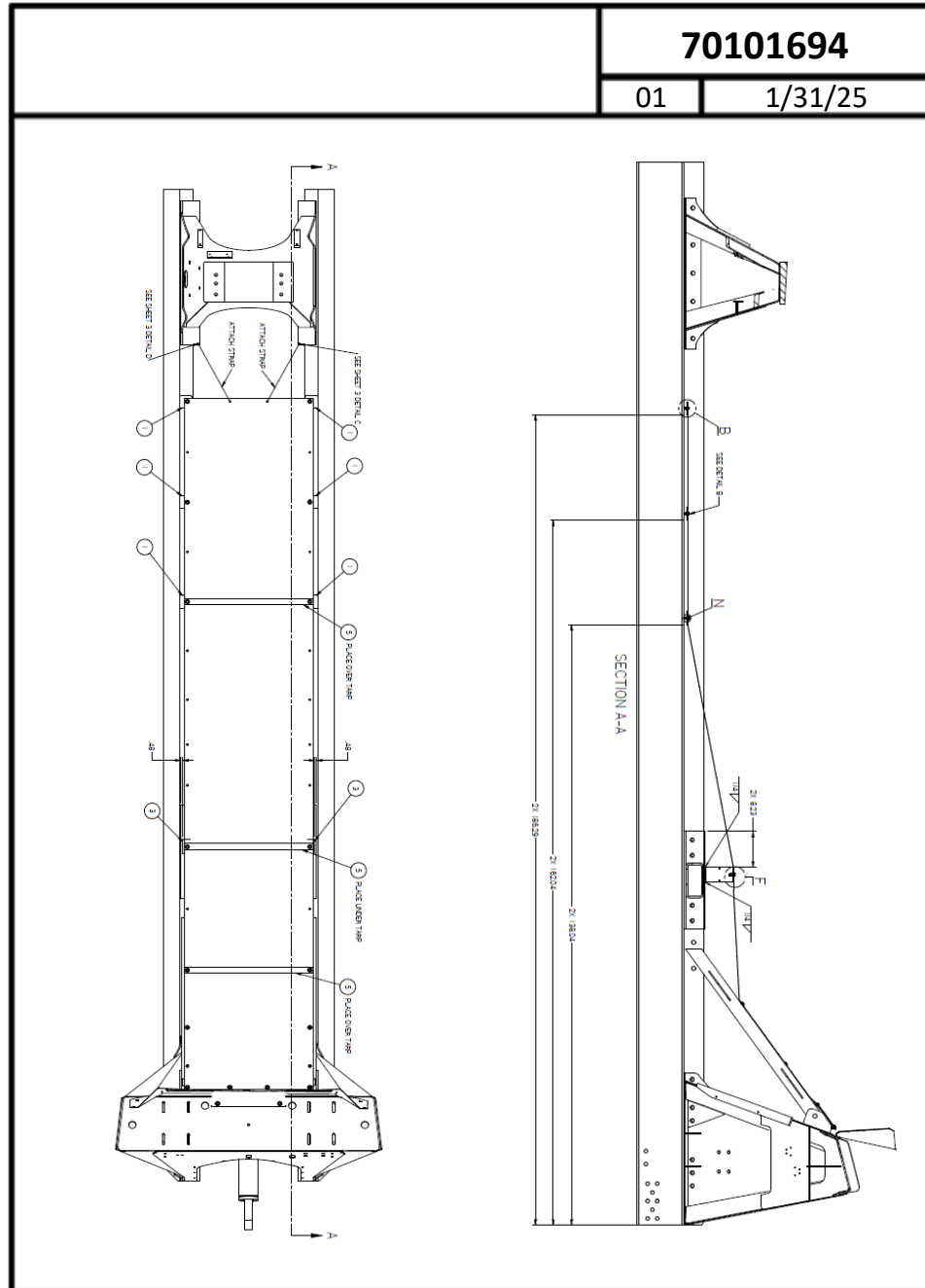
10.4 70100236 – 15-BUTTON KEYPAD PLUG OPTION

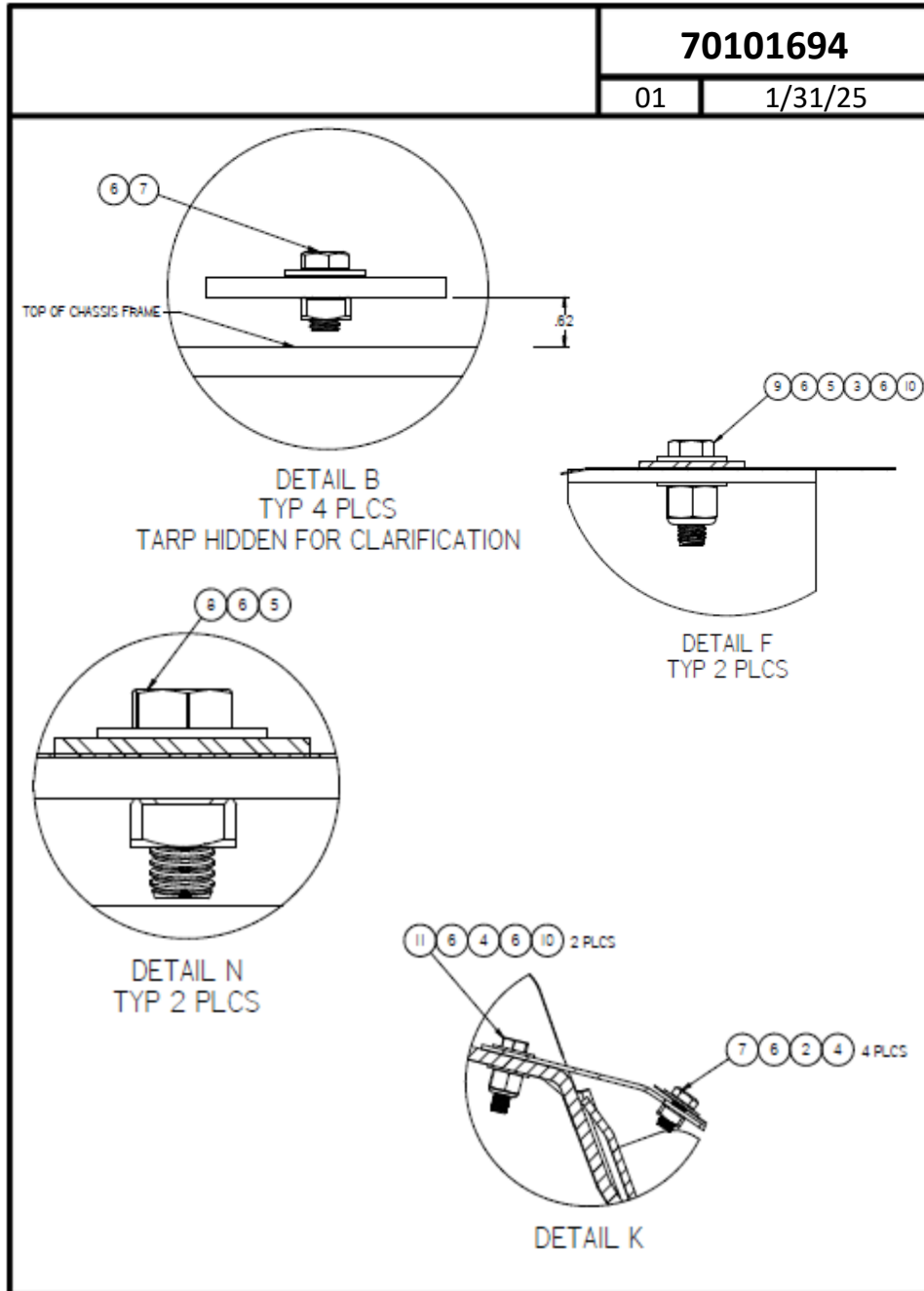


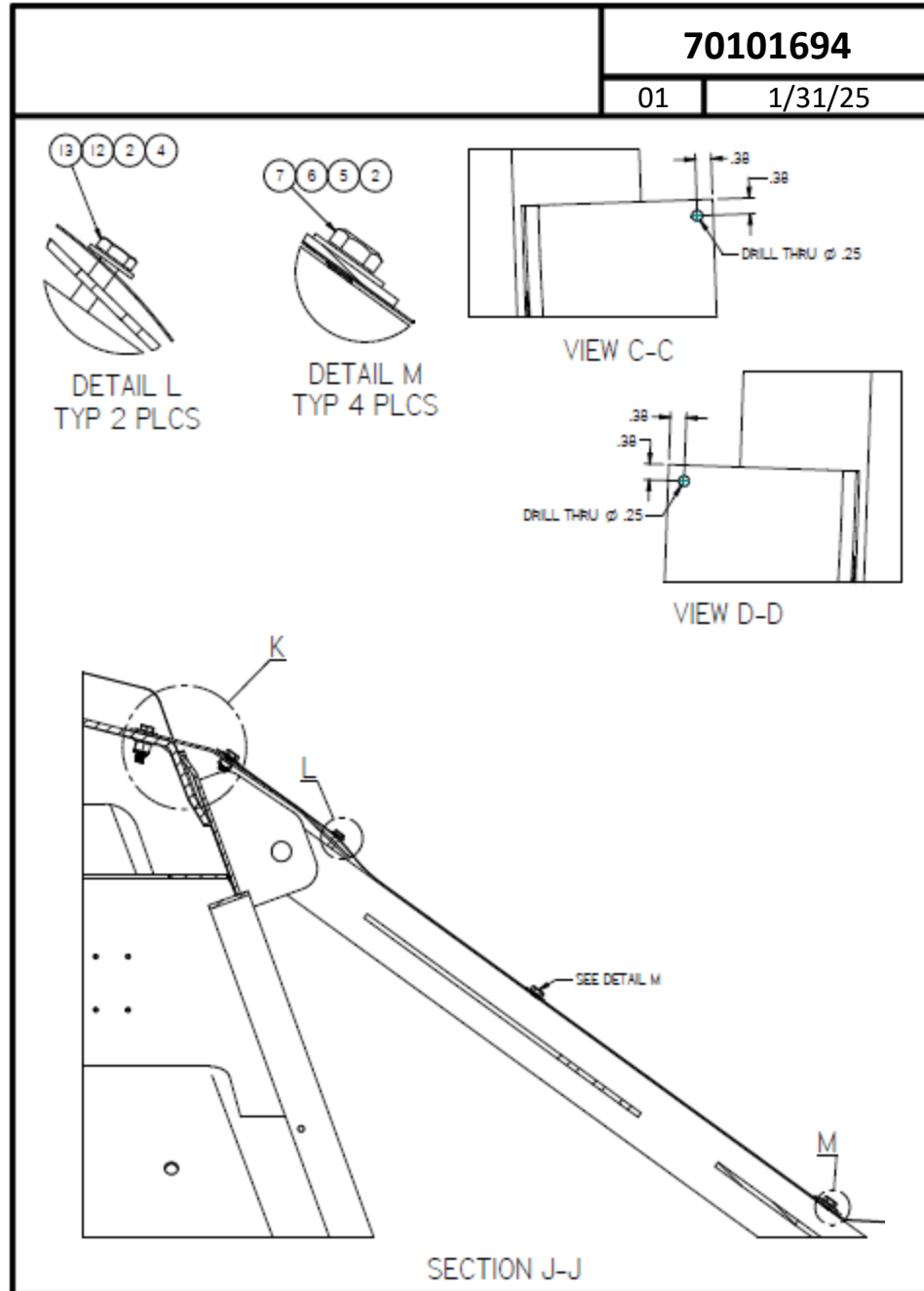
ITEM	PART NO.	DESCRIPTION	QTY
1	98401902	PLUG – PLASTIC, 35 MM HOLE	1
2	98401901	PLUG – PLASTIC, 7 MM HOLE	4

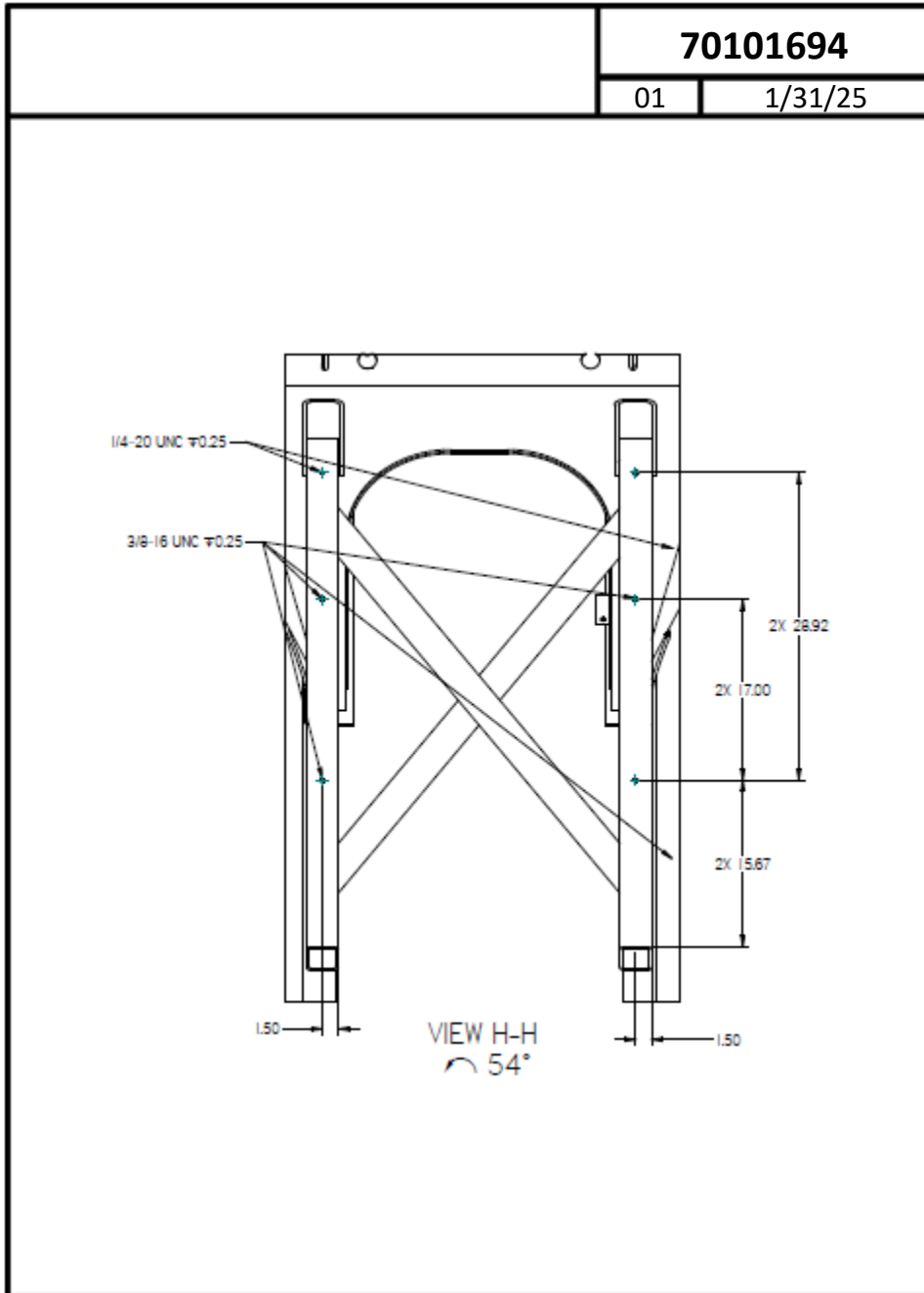
10.5 70101694 – ASSY, CANVAS COVER 14 YD







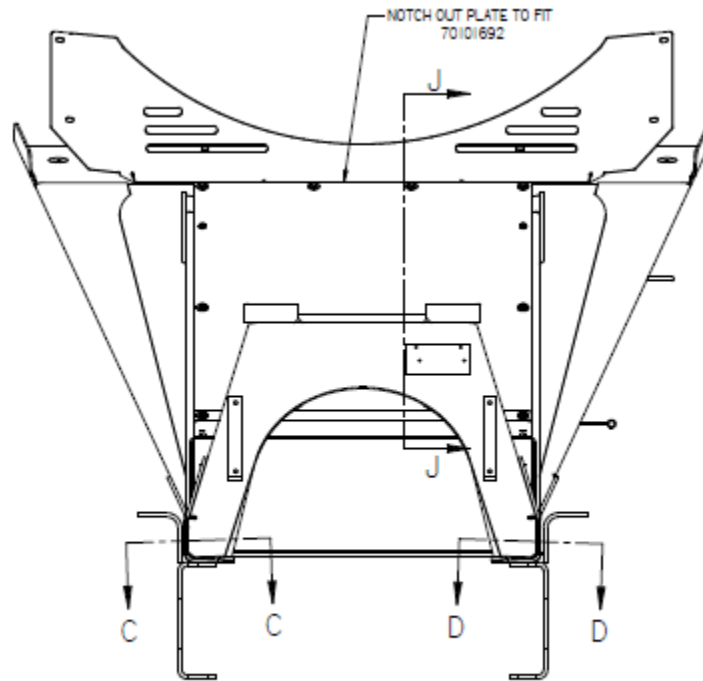




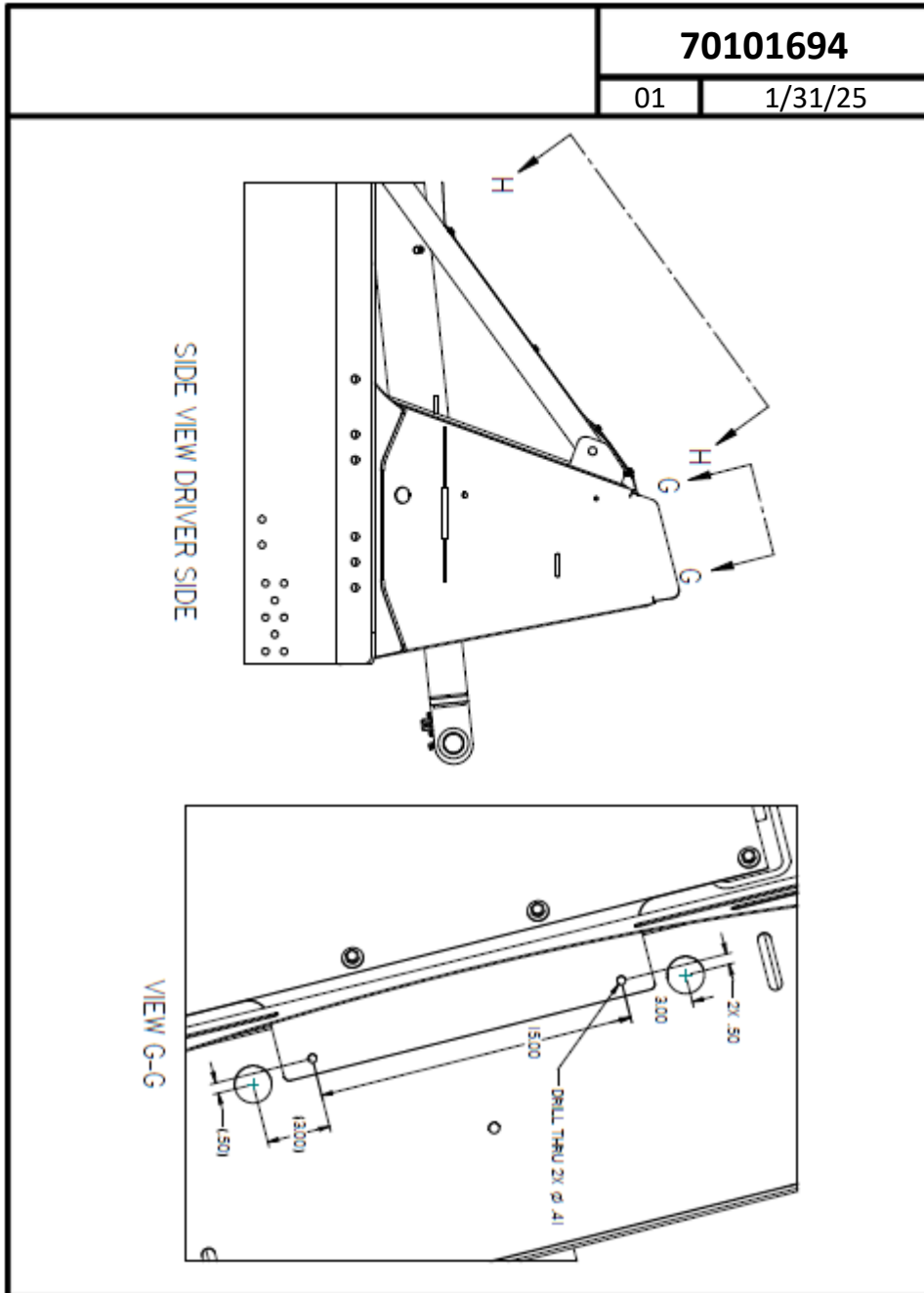
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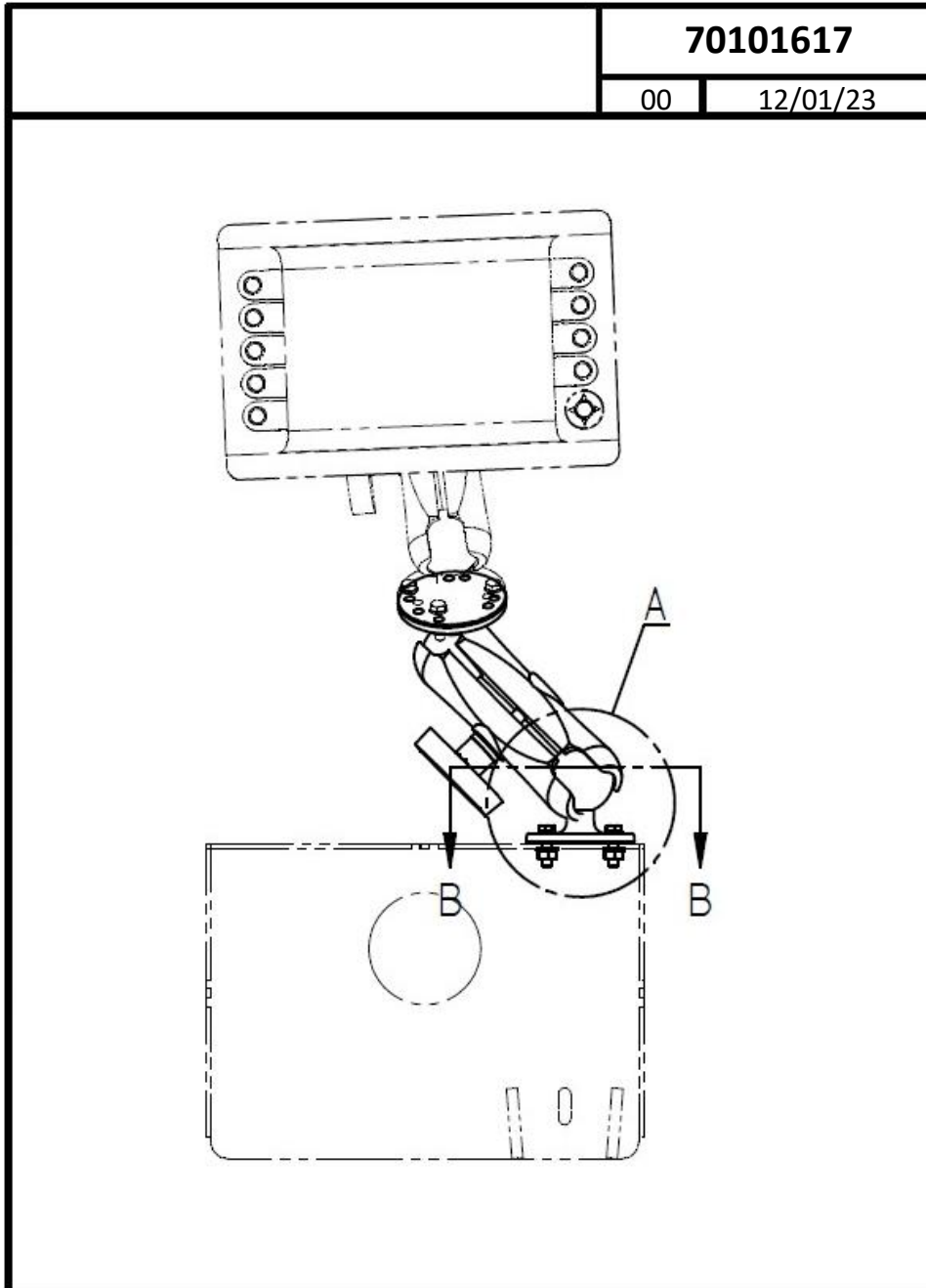


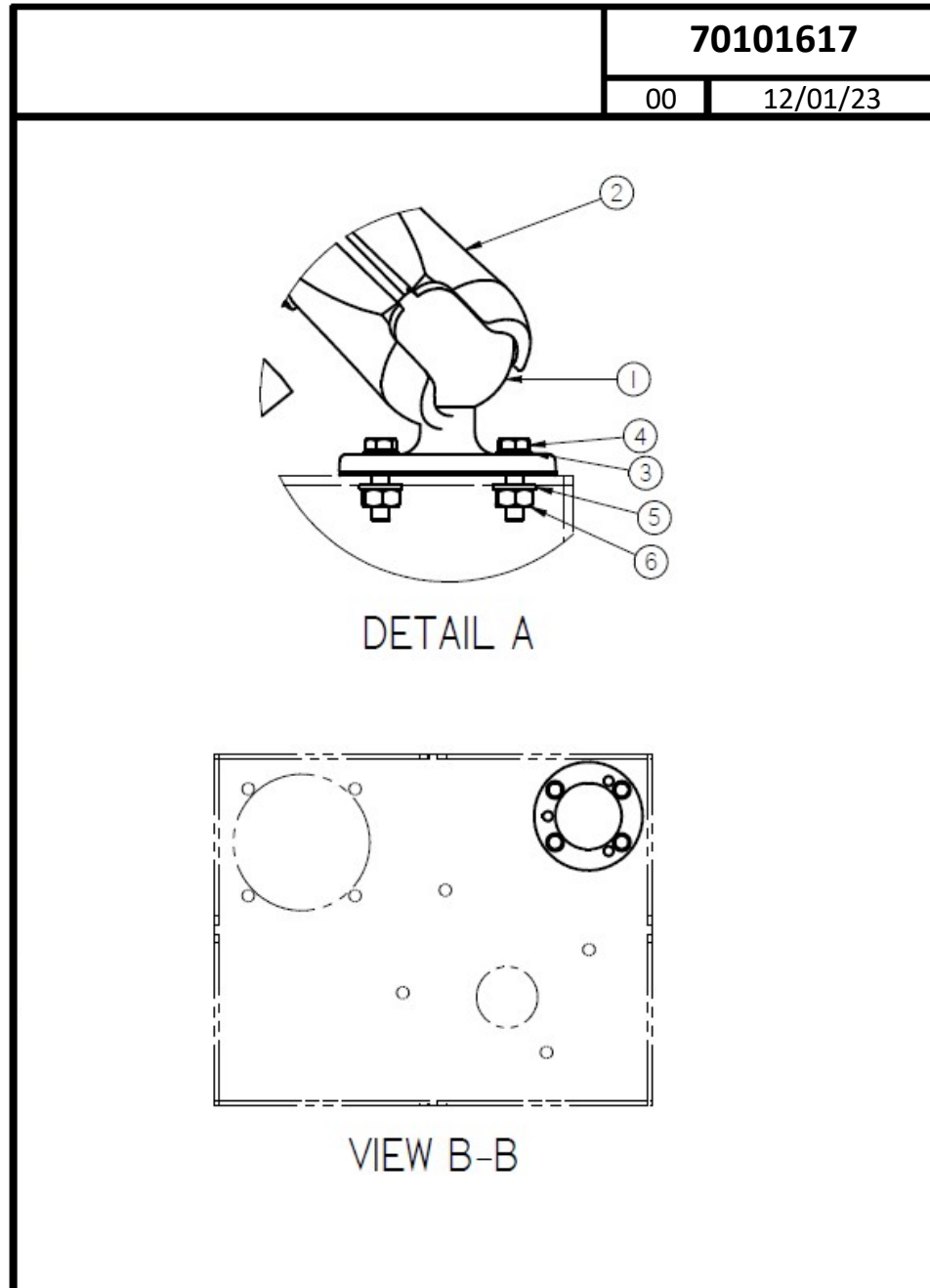
FRONT VIEW OF ASSEMBLY



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

10.6 70101617 – ASSY, ADDITIONAL RAM MOUNT OPTION

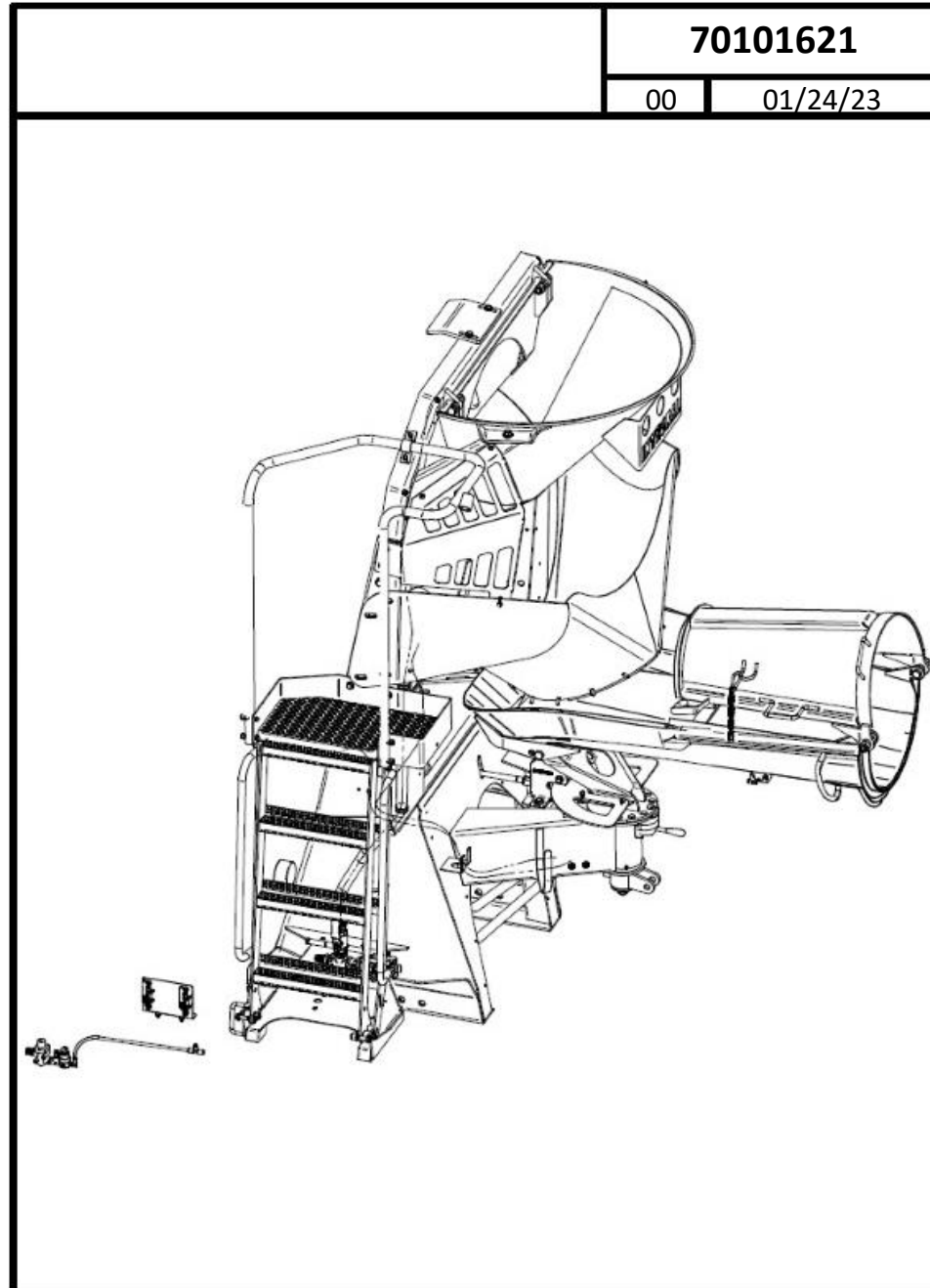




OPTIONS

ITEM	PART NO.	DESCRIPTION	QTY
1	98396568	MOUNT, RAM BALL	2
2	98402627	ARM, MEDIUM, RAM MOUNT	1
3	98432854	WASHER DIN 125 B 5.3-140HV-A2C	4
4	10001742	SCREW ISO 4017 M 5 X 20-8.8-VZD	4
5	10145912	SCREW RETAINER SKM 5-GT320	4
6	10001237	NUT ISO 4032 M 5-8-VZD	4

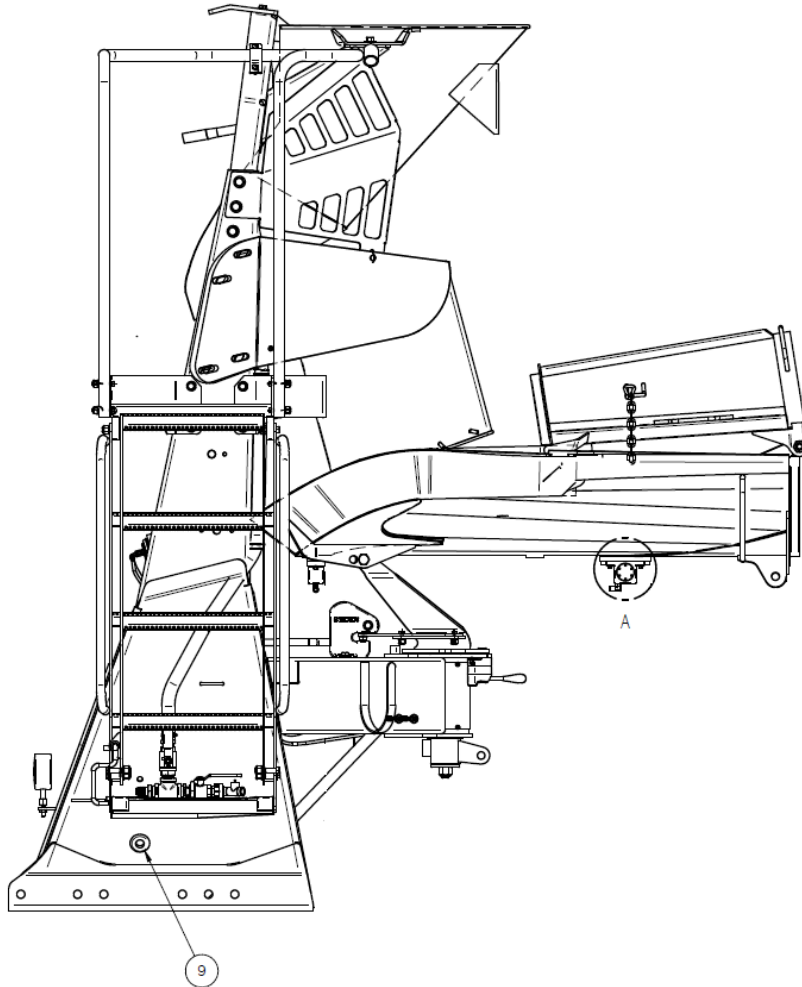
10.7 70101621 – ASSY, DUAL GT 13 CHUTE VIBRATOR

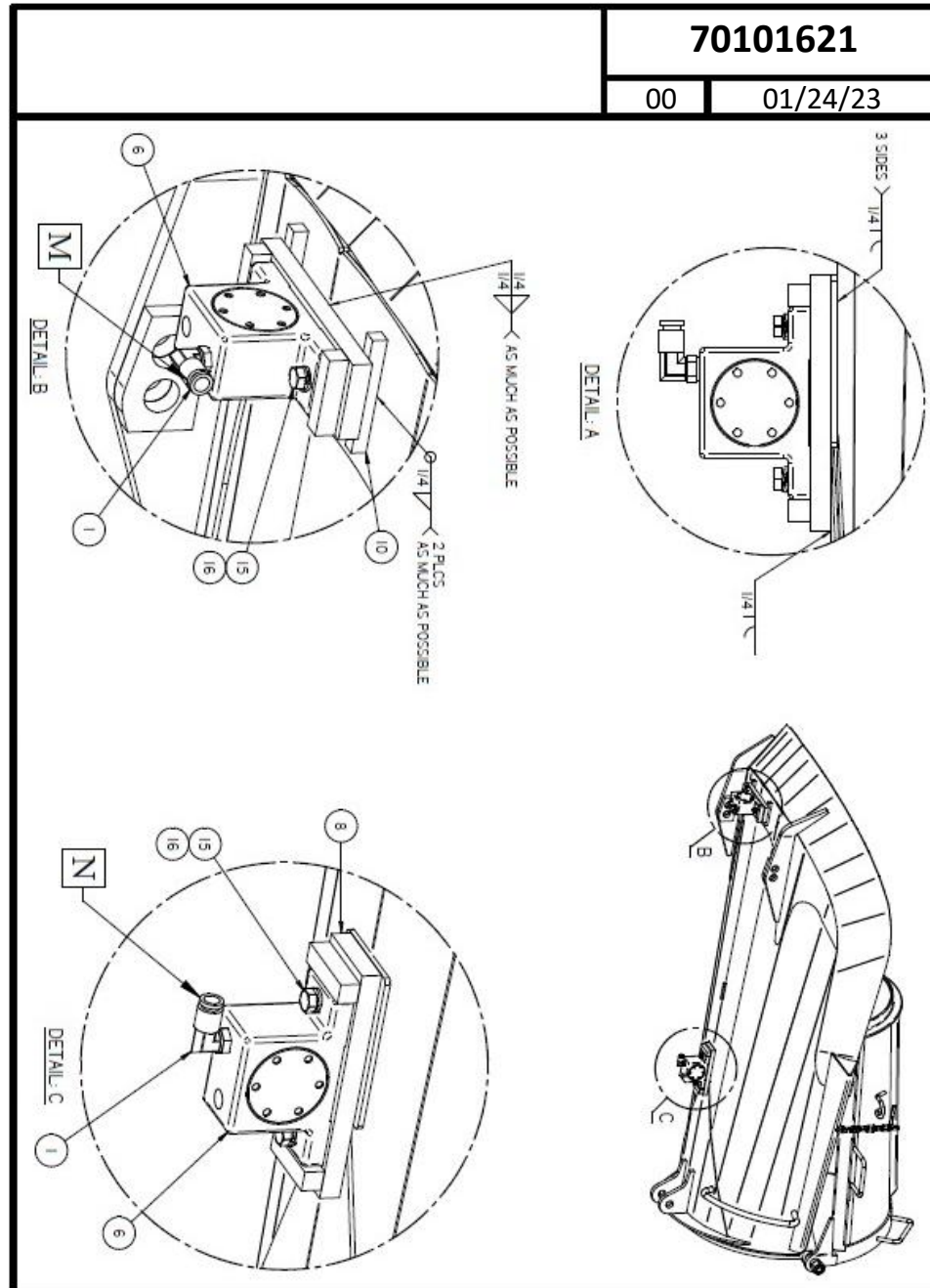


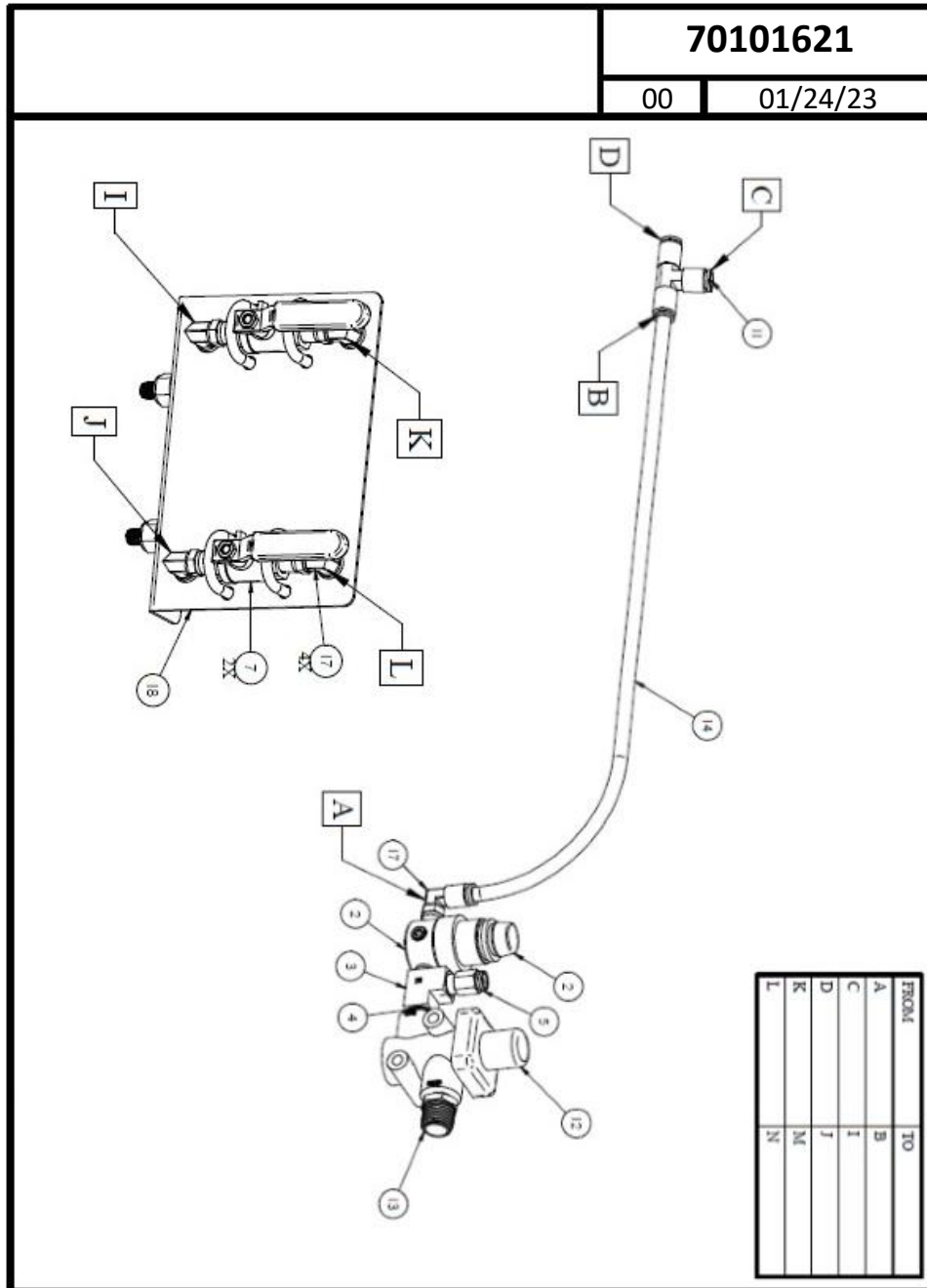
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01/24/23

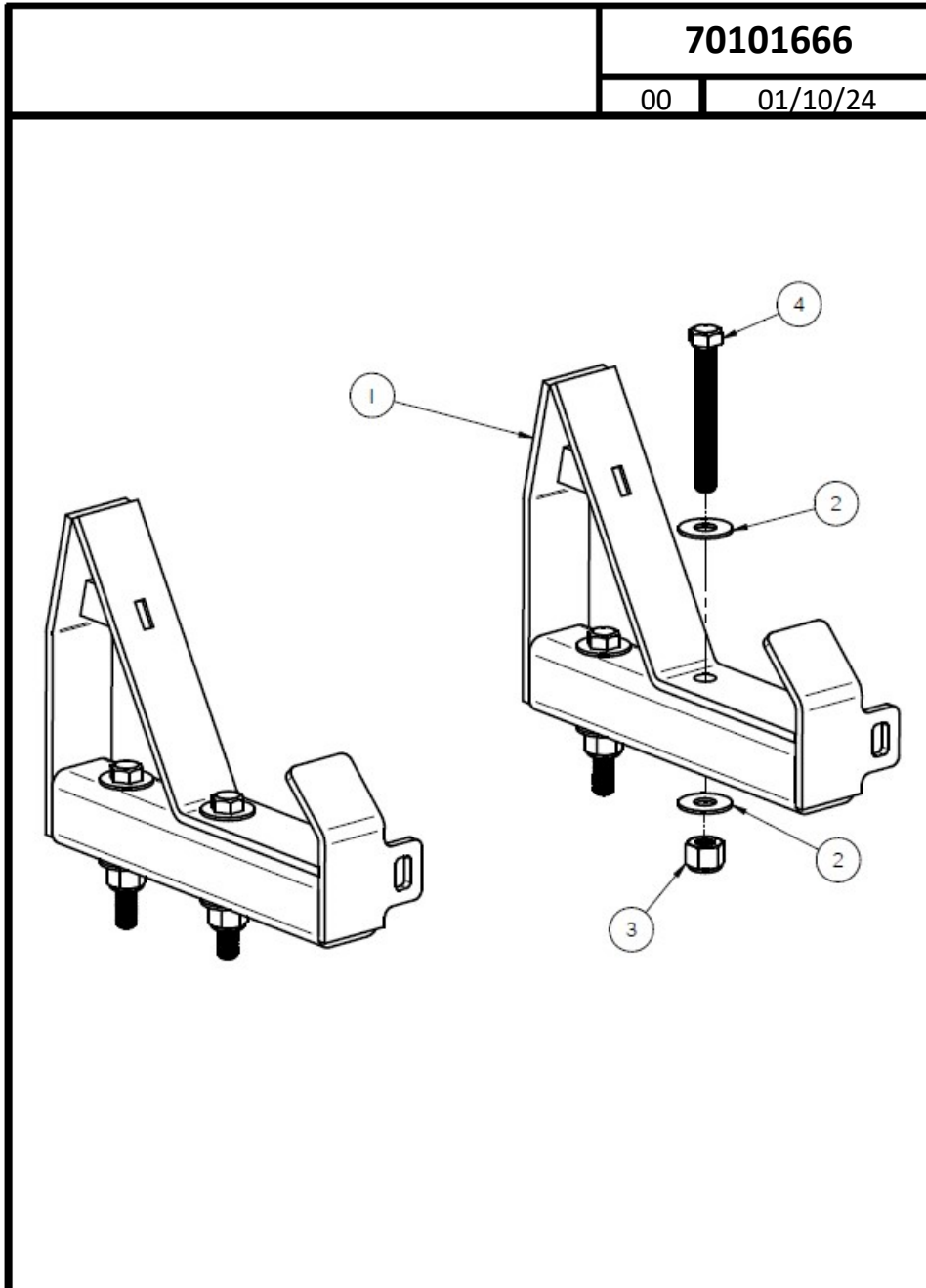


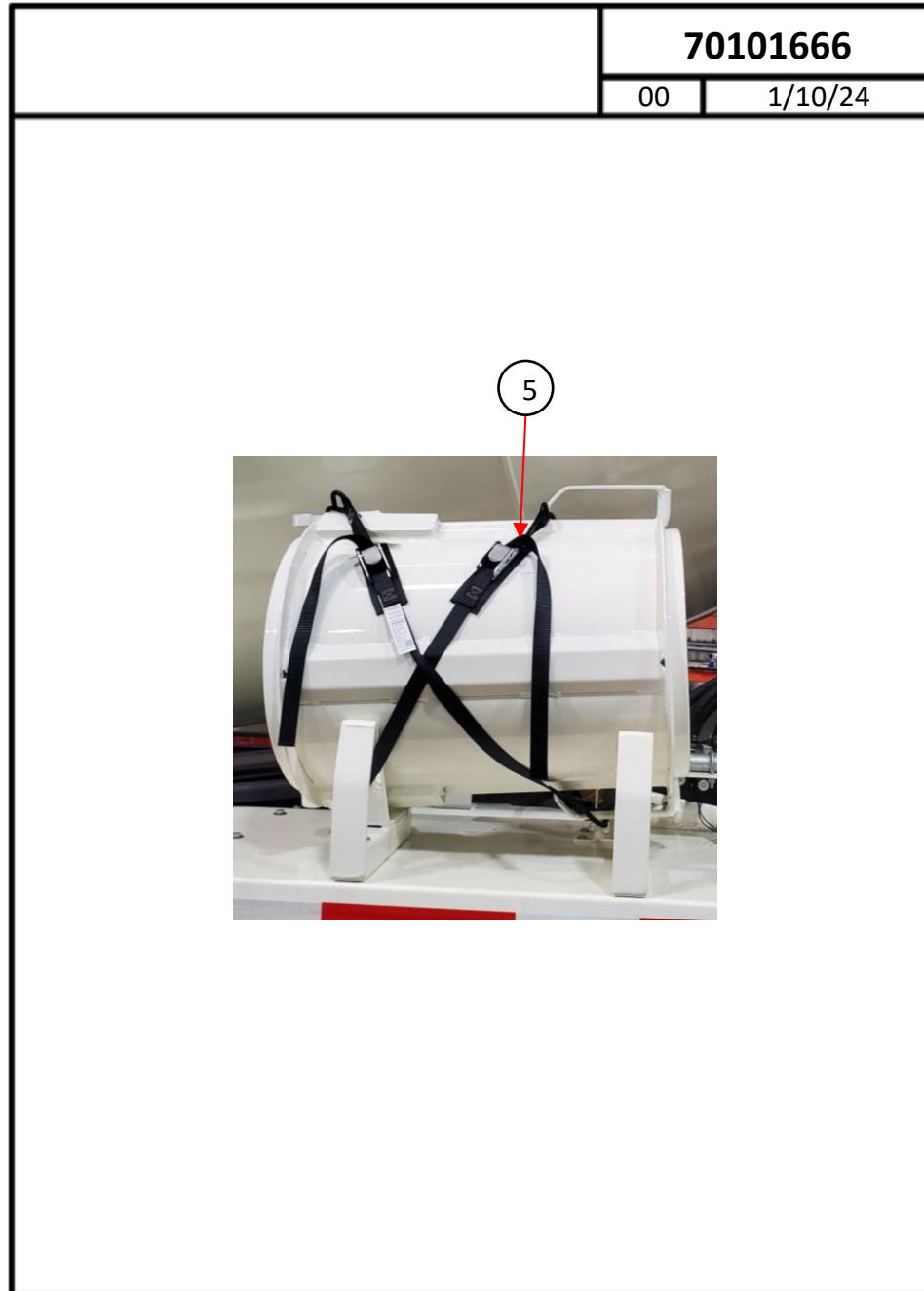




ITEM	PART NO.	DESCRIPTION	QTY
1	70101622	FITTING - HYD, EL 90 DEG 3/8" X 1/4" NPT NON SWIVEL	2
2	98407873	REGULATOR , 1/4" PIPE, 5-60 PSI	1
3	30357578	FITTING - STREET TEE, 1/4" NPT - BRASS	1
4	98389394	NIPPLE BRASS PIPE 1/4" M NPT X CLOSE	1
5	30348490	FITTING - STR, 3/8" TUBE X 1/4" NPTM -BR	1
6	70101611	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	1
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

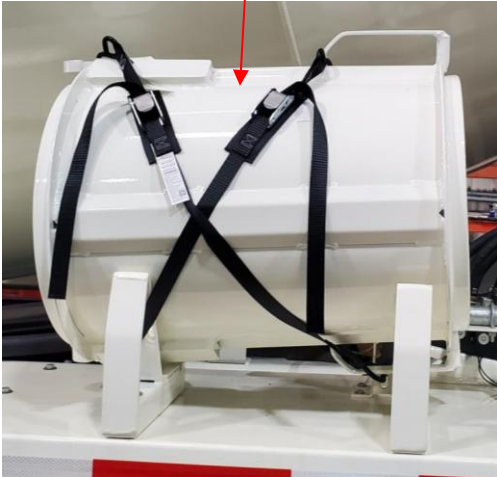
10.8 70101666 – ASSY, SINGLE CHUTE MOUNT



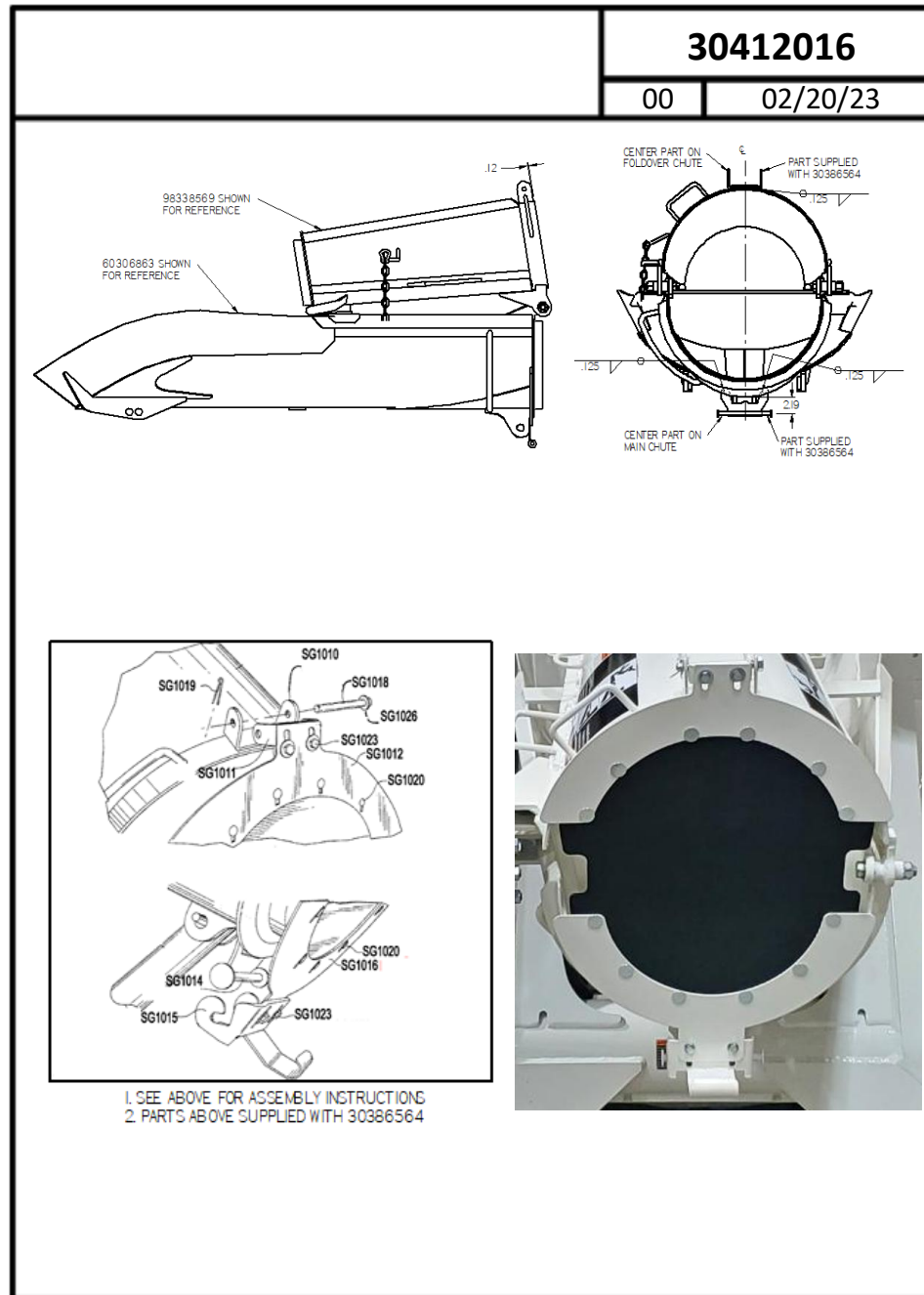


ITEM	PART NO.	DESCRIPTION	QTY
1	70101664	WMT - SINGLE CHUTE MOUNT	2
2	30302126	WASHER, 9/16" ID X 1-3/8" OD X .08" THICK	8
3	30307220	NUT, NYLON LOCK 1/2 -13UNC	4
4	70101669	HHCS, 1/2-13 X 4.00", GR. 5, ZP	4
5	70101518	CAM STRAP W/ S-HOOK, 1"X4'	2

10.9 70100854 – CHUTE, 24" EXTENSION ALUMINUM

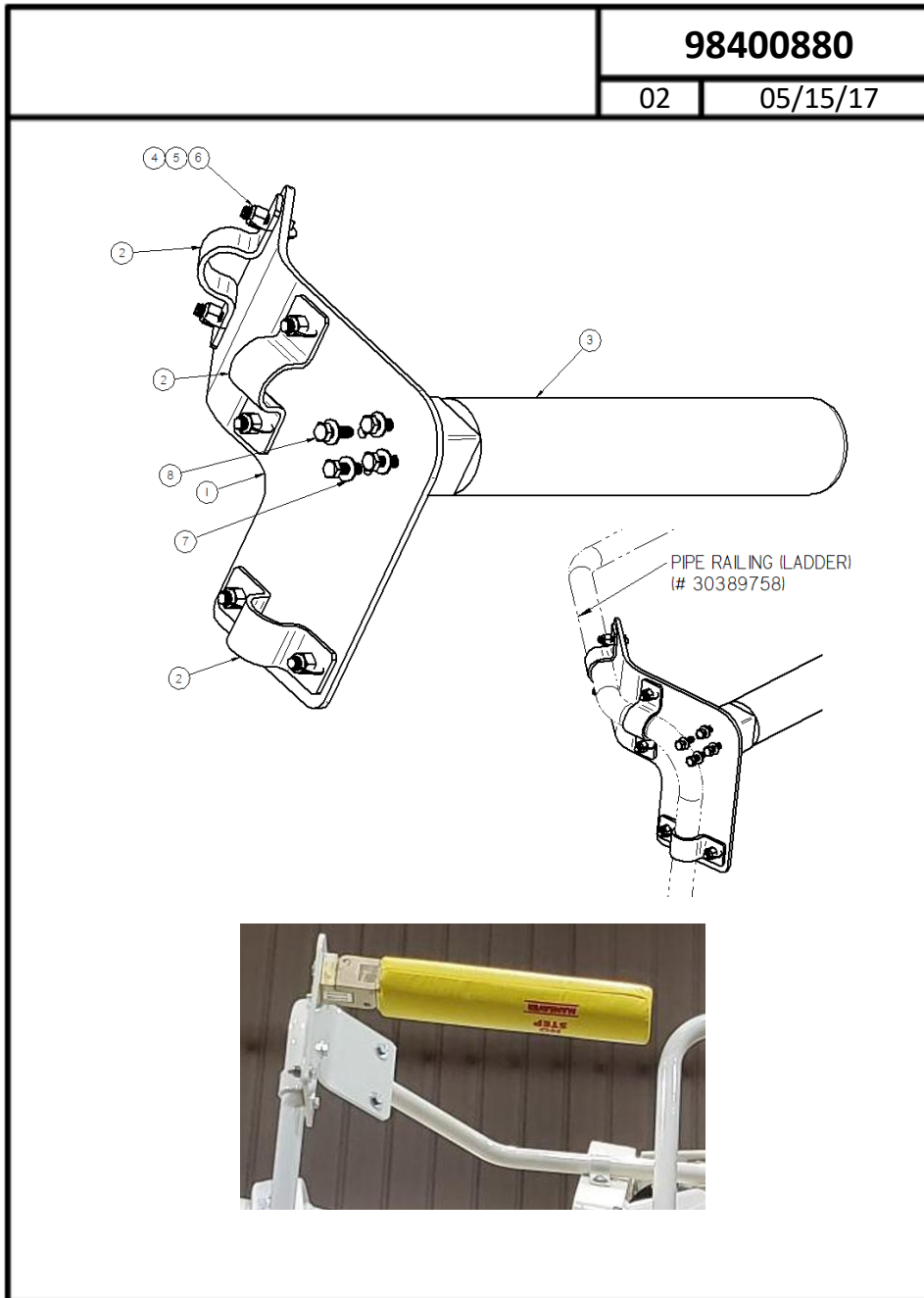
		70100854	
		00	10/20/22
			

10.10 30412016 – STREET GUARD CHUTE COVER



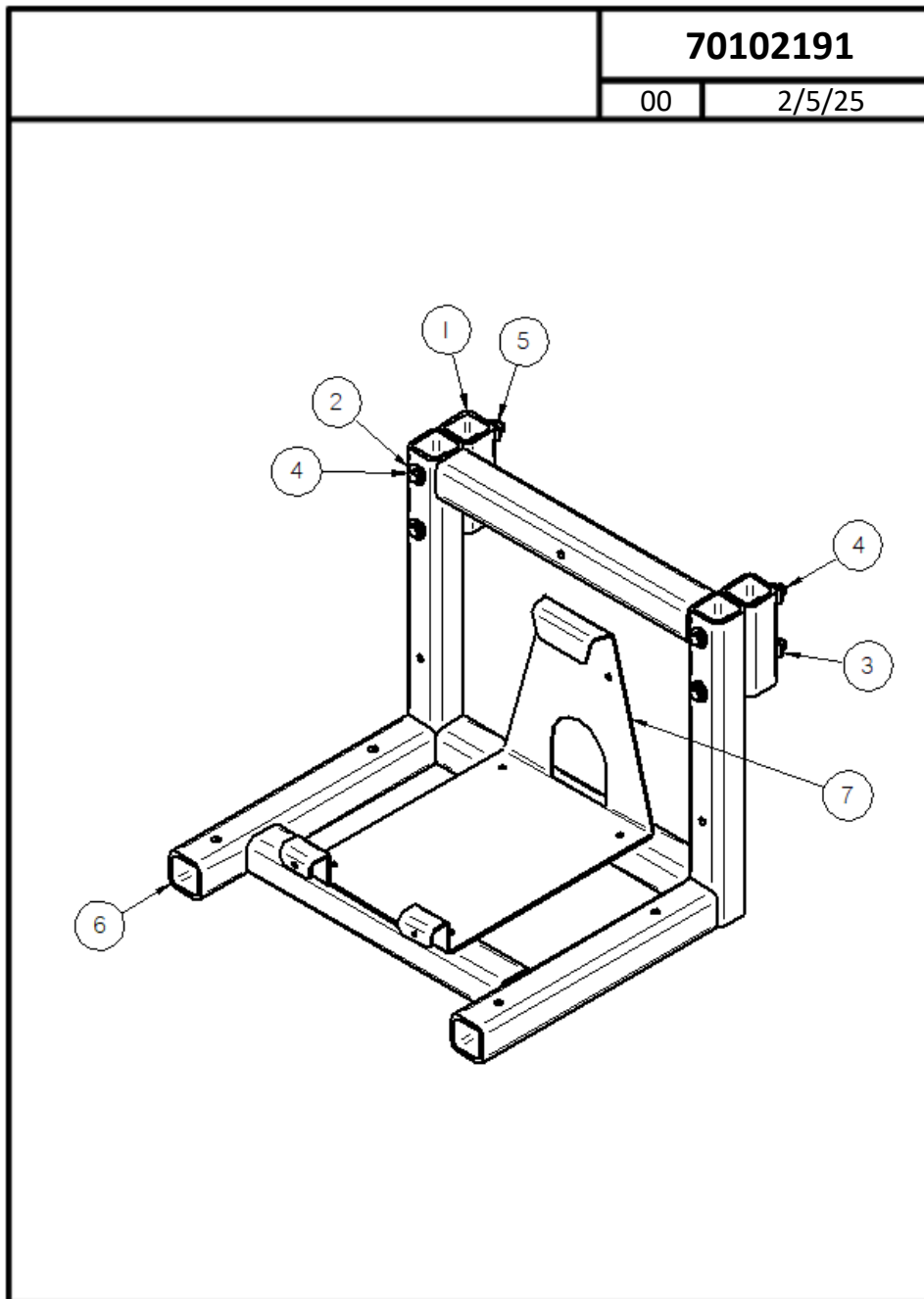
ITEM	PART NO.	DESCRIPTION	QTY
1	30386564	PARTS – STREET GUARD	1

10.11 98400880 – ASSY, MANSAVER



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

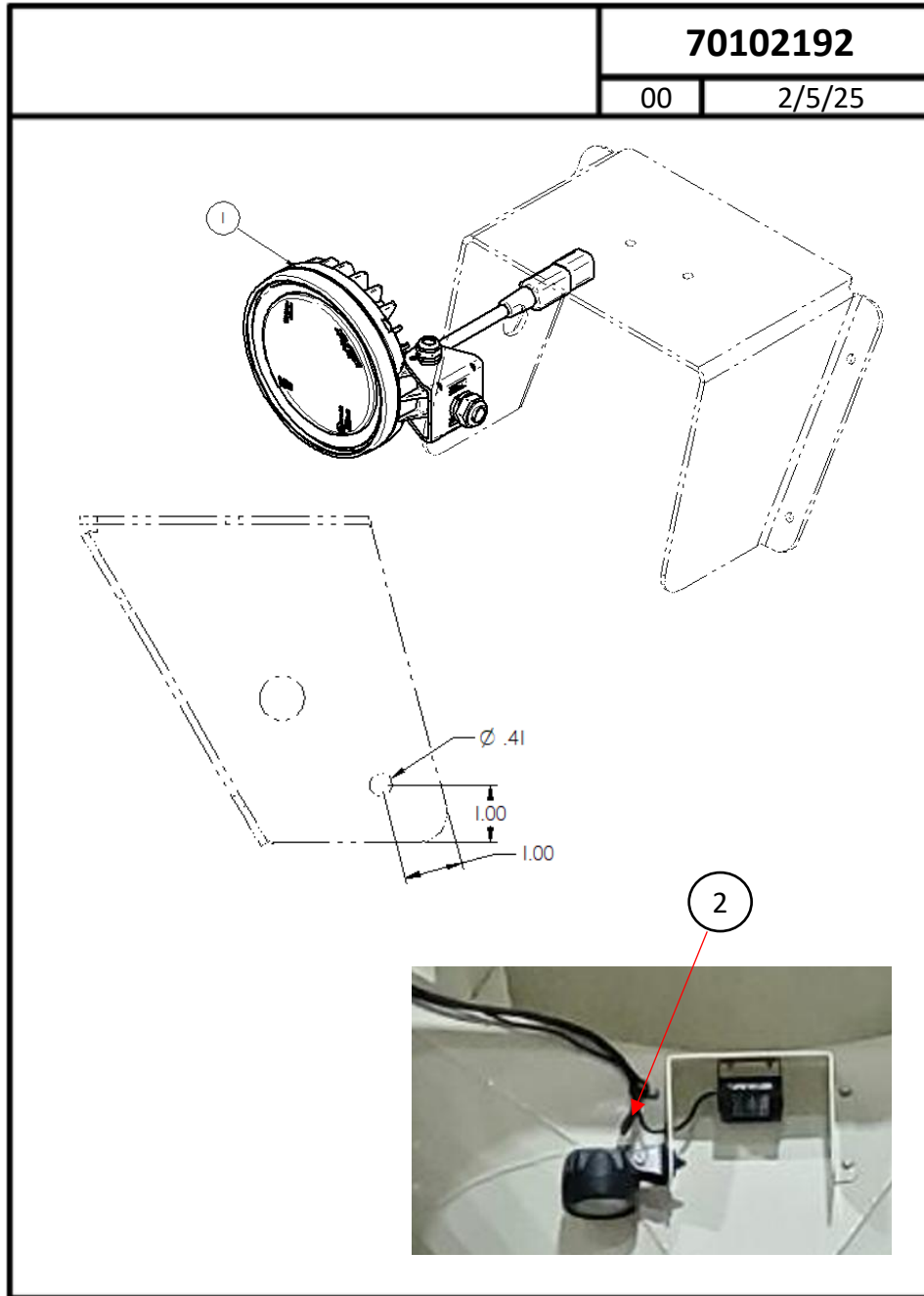
10.12 70102191 – ASSY, BUCKET MOUNT WITH SPACER



ITEM	PART NO.	DESCRIPTION	QTY
1	70101439	TUBE – TOOLBOX SPACER	2
2	30389194	WASHER – SPRING, 3/8" ID RUBBER BONDED	4
3	30302130	WASHER, FLAT 3/8"	4
4	70101438	SCREW – HEX 3/8"-16 X 5.5"	4
5	98372389	NUT, NYLOCK 3/8"-16	4
6	70100549	WLDT, TOOLBOX MOUNT	1
7	98438511	KIT WATER RECLAIMER BRACKET	1

NOTE: ITEM 7 IS SUPPLIED WITH WATER RECLAIMER KIT

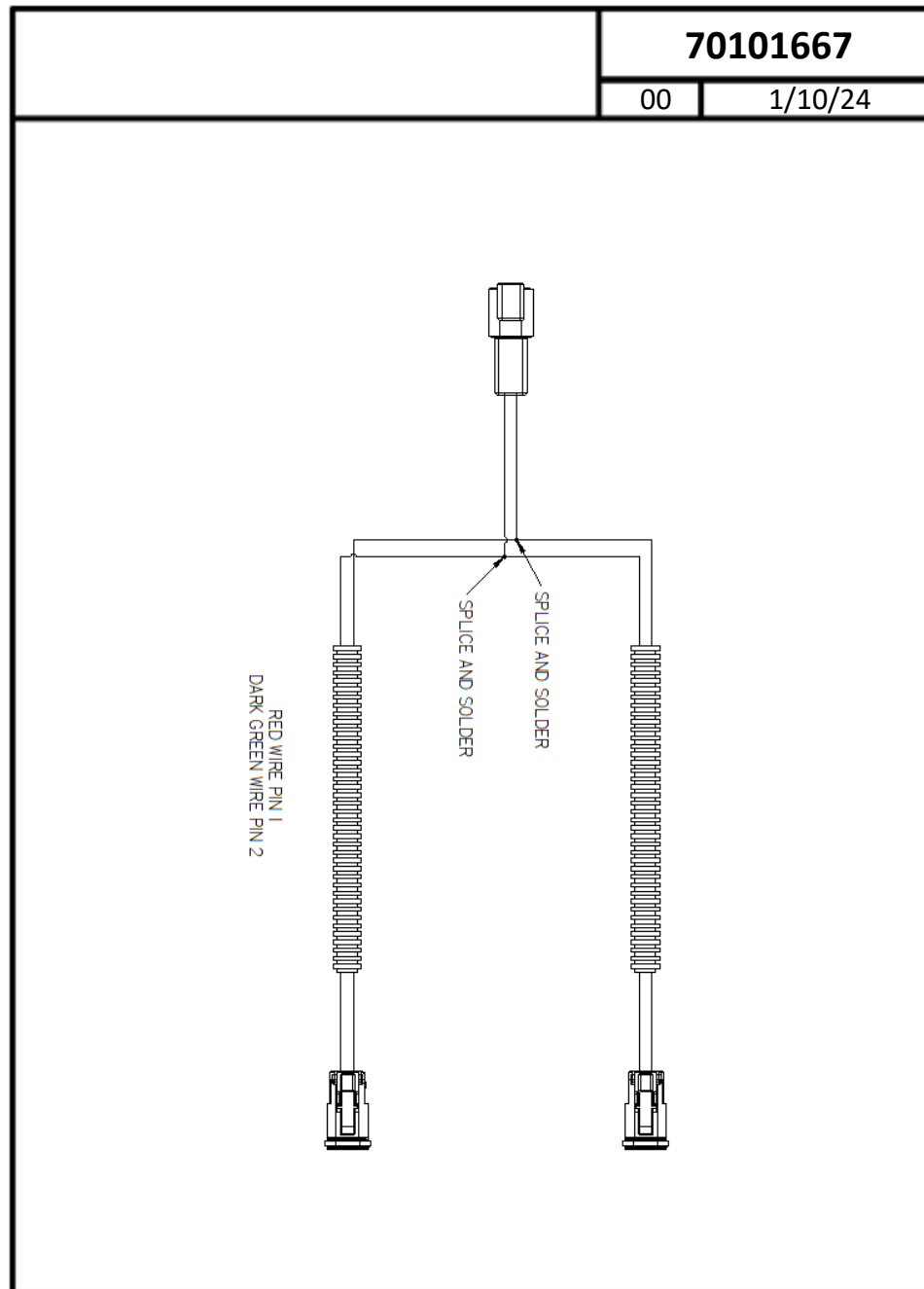
10.13 70102192 – ASSY, ADDITIONAL WORK LIGHT



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

10.13.1 70101667 – HARNESS, WORK LIGHT SPLITTER



11 DECAL LOCATION GUIDE

Do not paint over this label/No pintar encima de ésta etiqueta		
		
Transit Mixer Division Truck Mixer		
121 N. 1st St • Montevideo, MN 56265 • (320) 435-0003 • www.integraldx.com		
Axle Pressure Settings Ajustes de la Presión del Eje		
Yards Yardas	Booster Reforzador	Pusher Impulsor
3	UP	N/A
4	1177	N/A
5	1422	N/A
6	1667	N/A
7	1912	N/A
8	2157	N/A
9	2340	N/A
10	2561	N/A
11	2794	N/A
12	3014	N/A
12.17	3050	N/A
Pusher Pressure Presión del Impulsor		N/A
OBEY LOCAL REGULATIONS *SEE OPERATION MANUAL OBEDECER LAS REGULACIONES LOCALES * MANUAL DE VER		

70101951-01

70101951 – DECAL – 14 YARD PRESSURE PLATE



WARNING

Excessive air pressure can cause personal injury, pump damage or property damage. Do not exceed 120 psi maximum inlet air pressure.

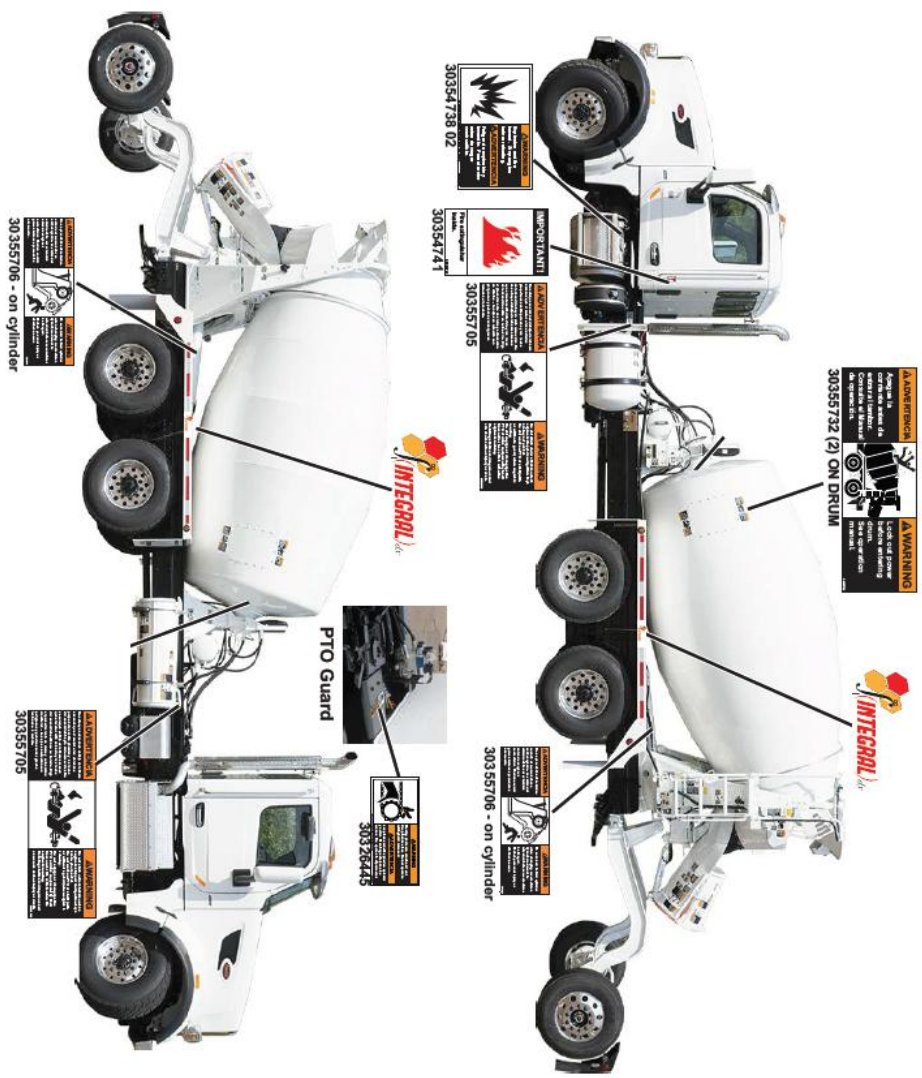
AVERTISSEMENT

Una presión de aire excesiva puede causar lesiones personales, daños a la bomba o daños a la propiedad. No exceda de 120 psi la presión máxima por entrada de aire.

Do not paint over this label/No pintar encima de esta etiqueta

98425737 00

Decal Location Guide (98404968-05)
Overview



STM Decal Location Guide (98404968-05)
Inside Cab

Inside of driver side door.

30355694

30355722

30355723

30355725

98404964 (Inside Door Jam)

30355724

30355720

98404966-01

With Booster Axle

Inside cab - driver's side

30355716

30355707

30359280

30355716

30355707

Inside of driver side door

30355729

On the dashboard

30333269

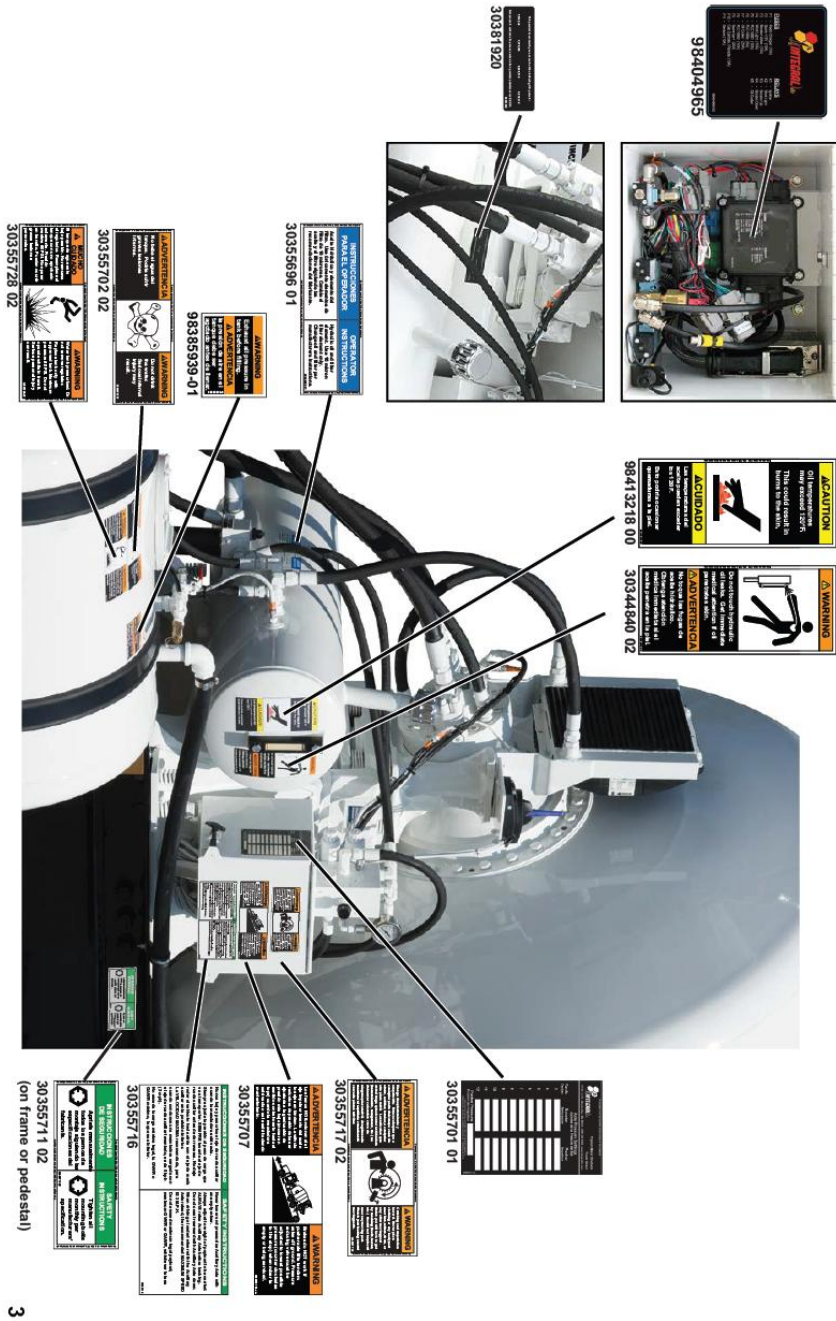
98404964

Inside of driver side door.

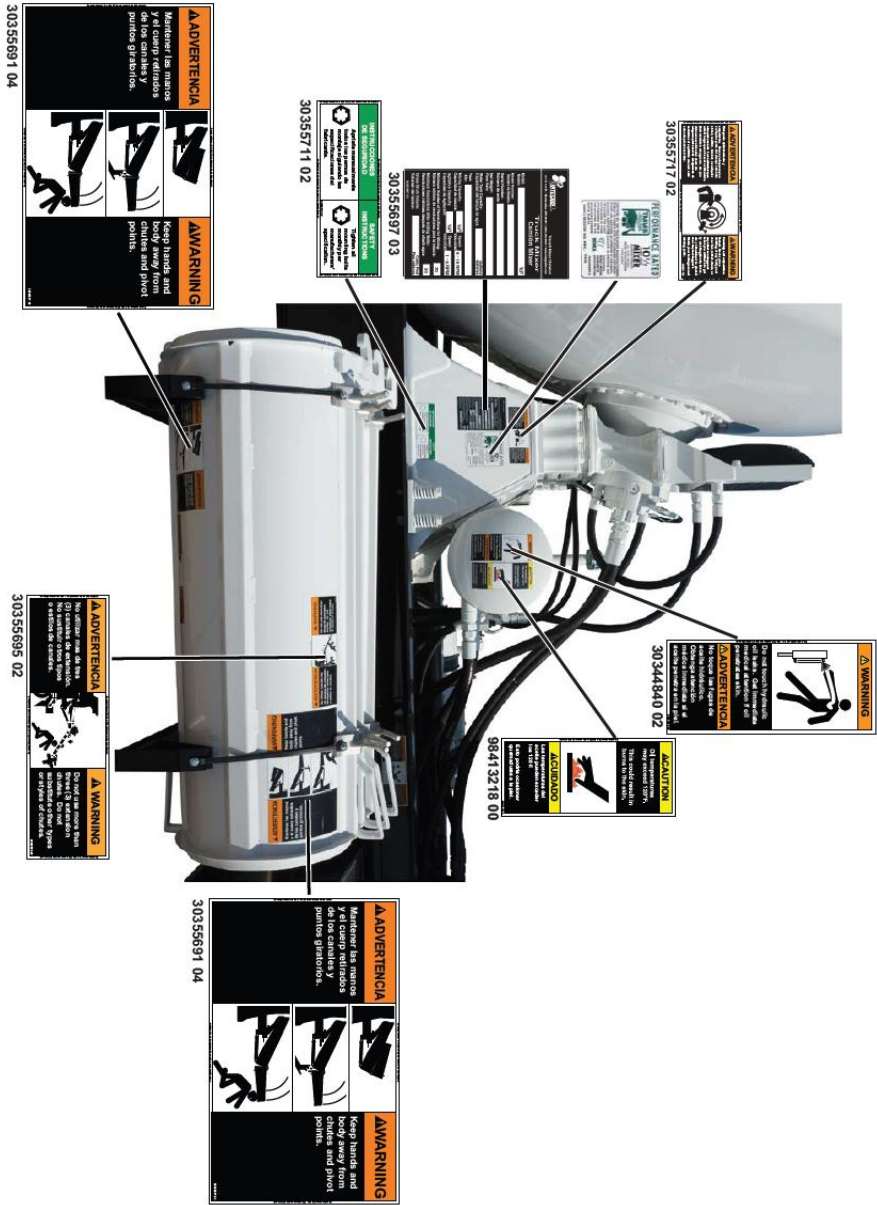
30355722

30355704 (Both sides)

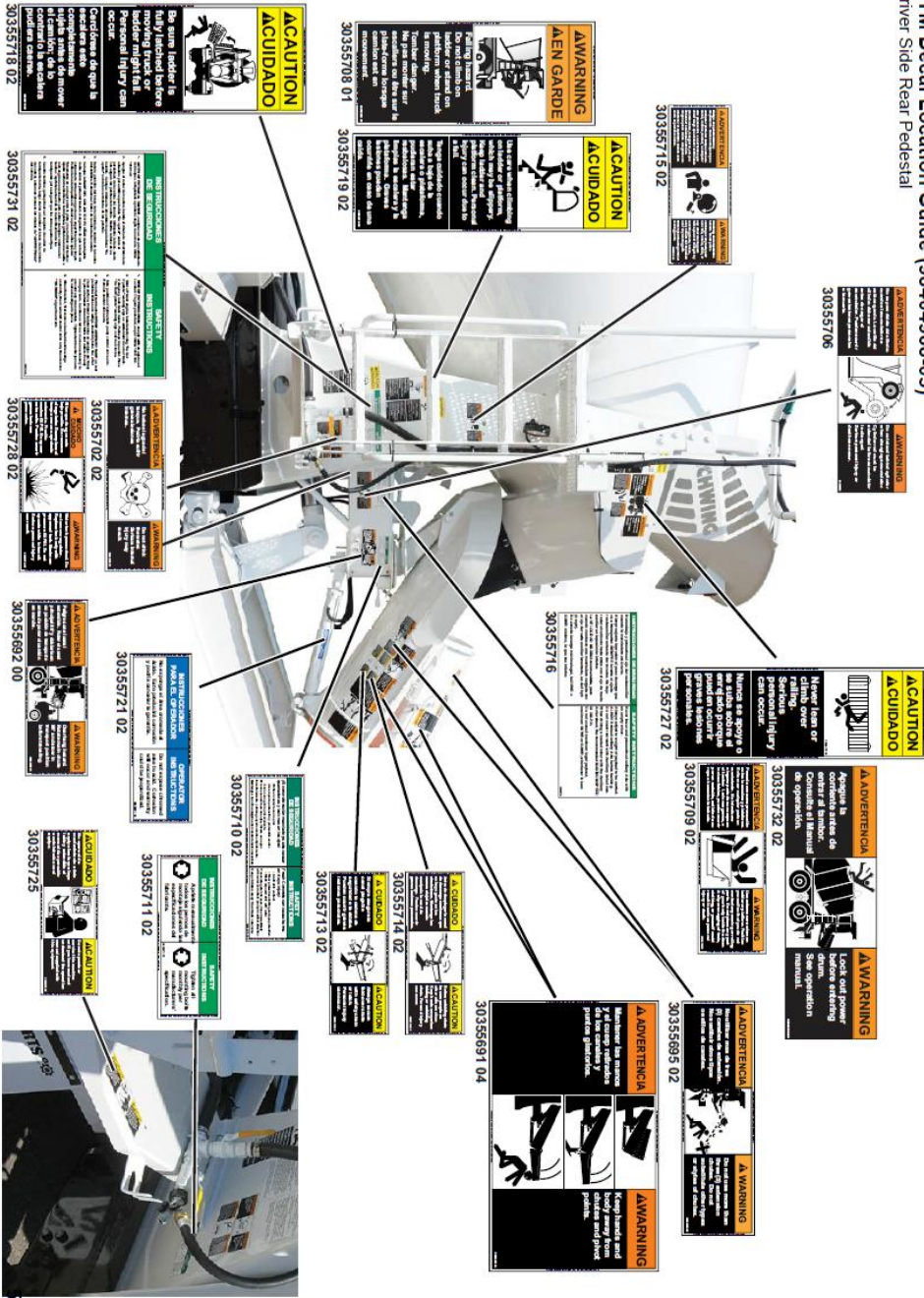
Decal Location Guide (98404968-05) Driver Side Front Pedestal



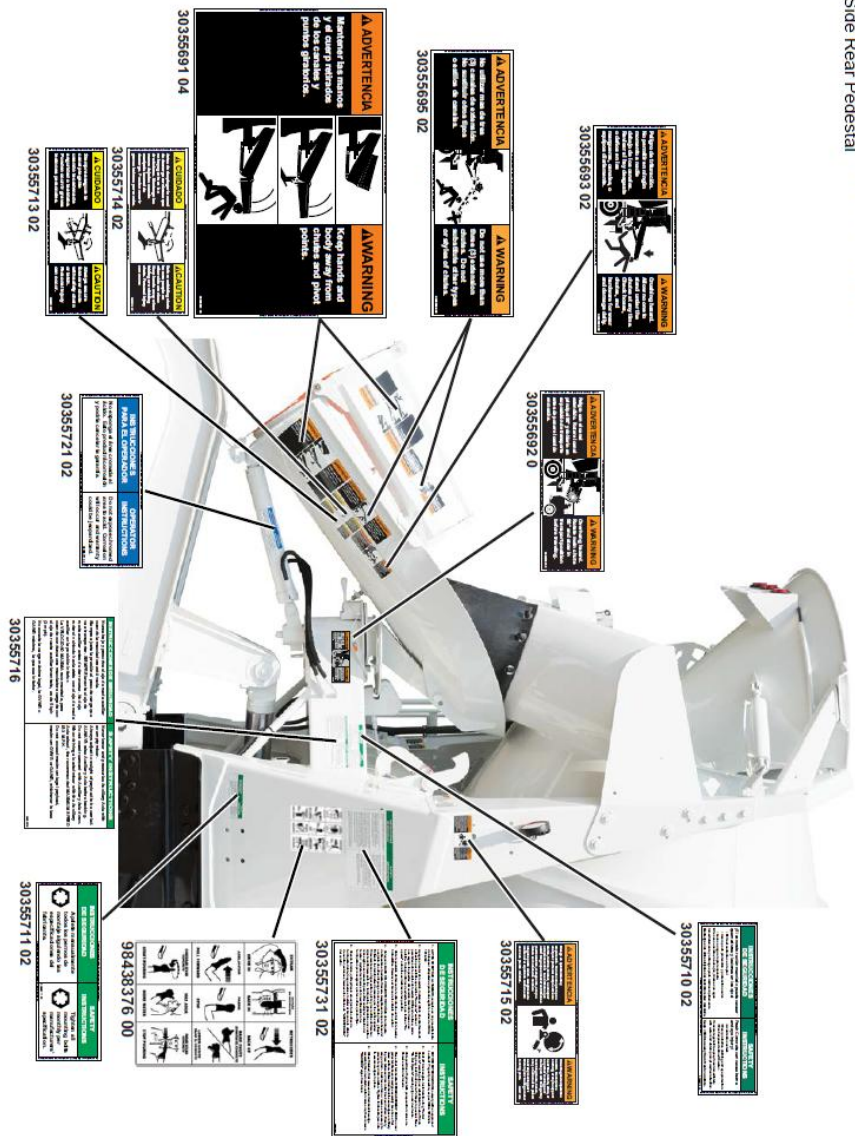
Decal Location Guide (98404968-05) **Passenger Side Front Pedestal**



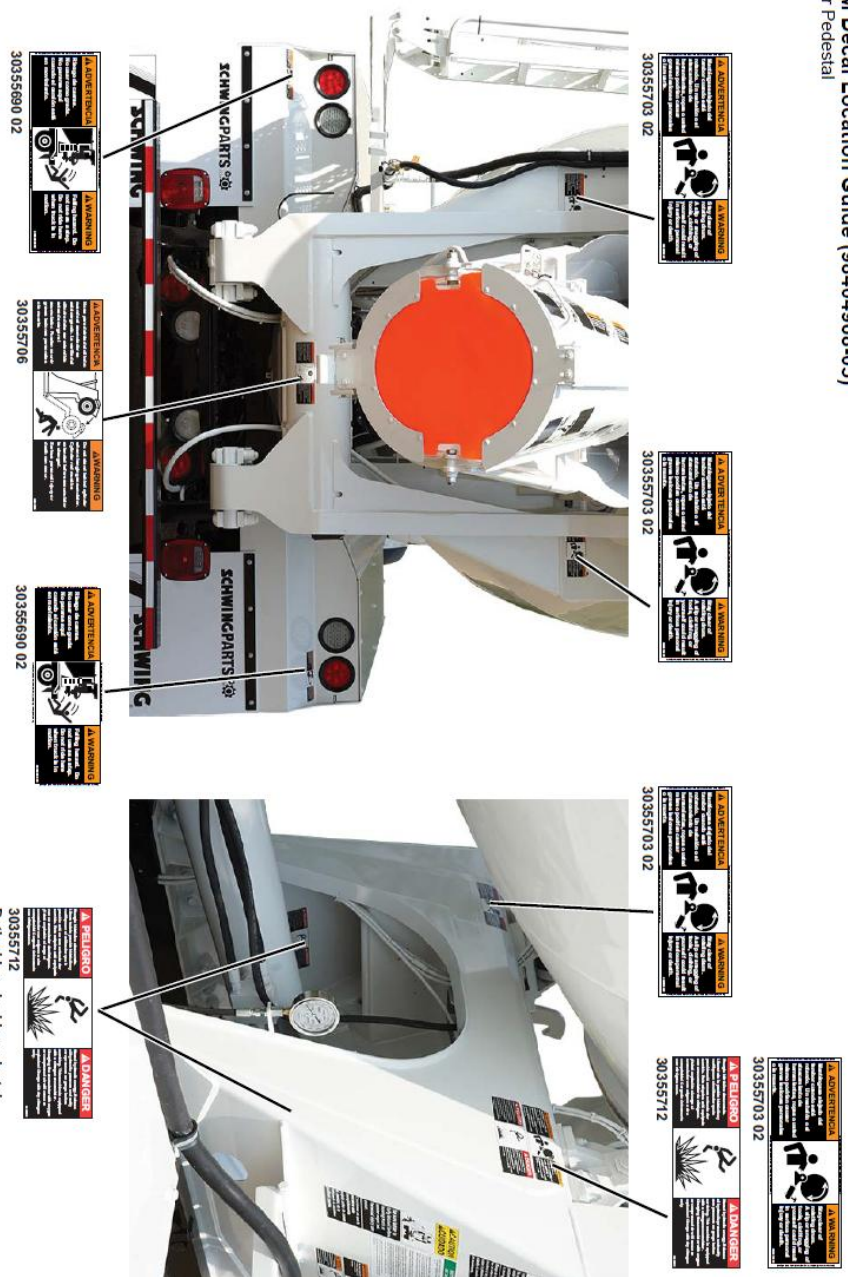
STM Decal Location Guide (98404968-05) Driver Side Rear Pedestal



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



STM Decal Location Guide (98404968-05)

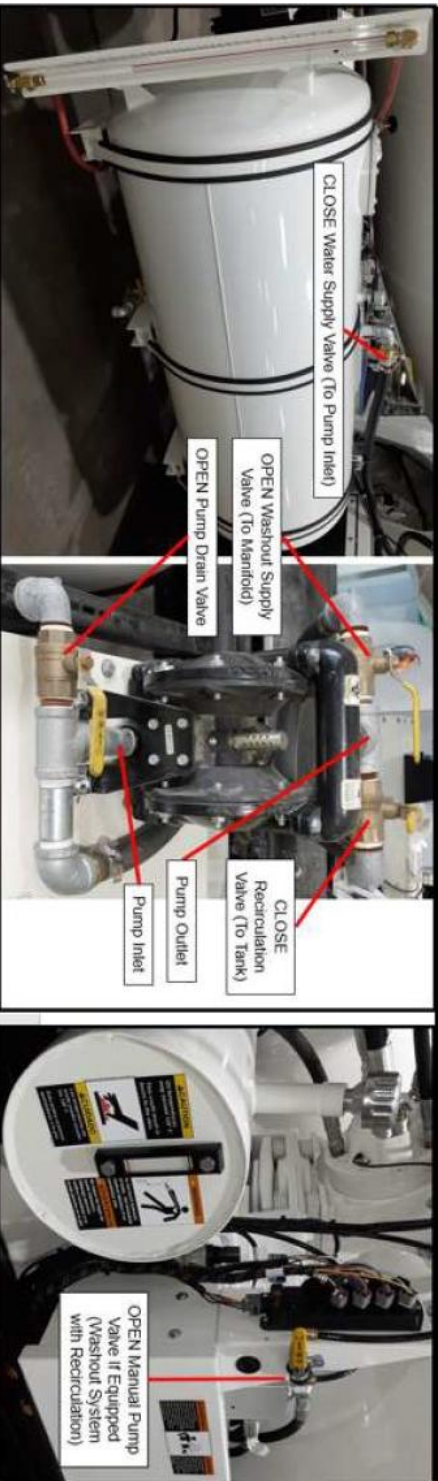


WATER SYSTEM DRAIN / AIR PURGE PROCEDURES

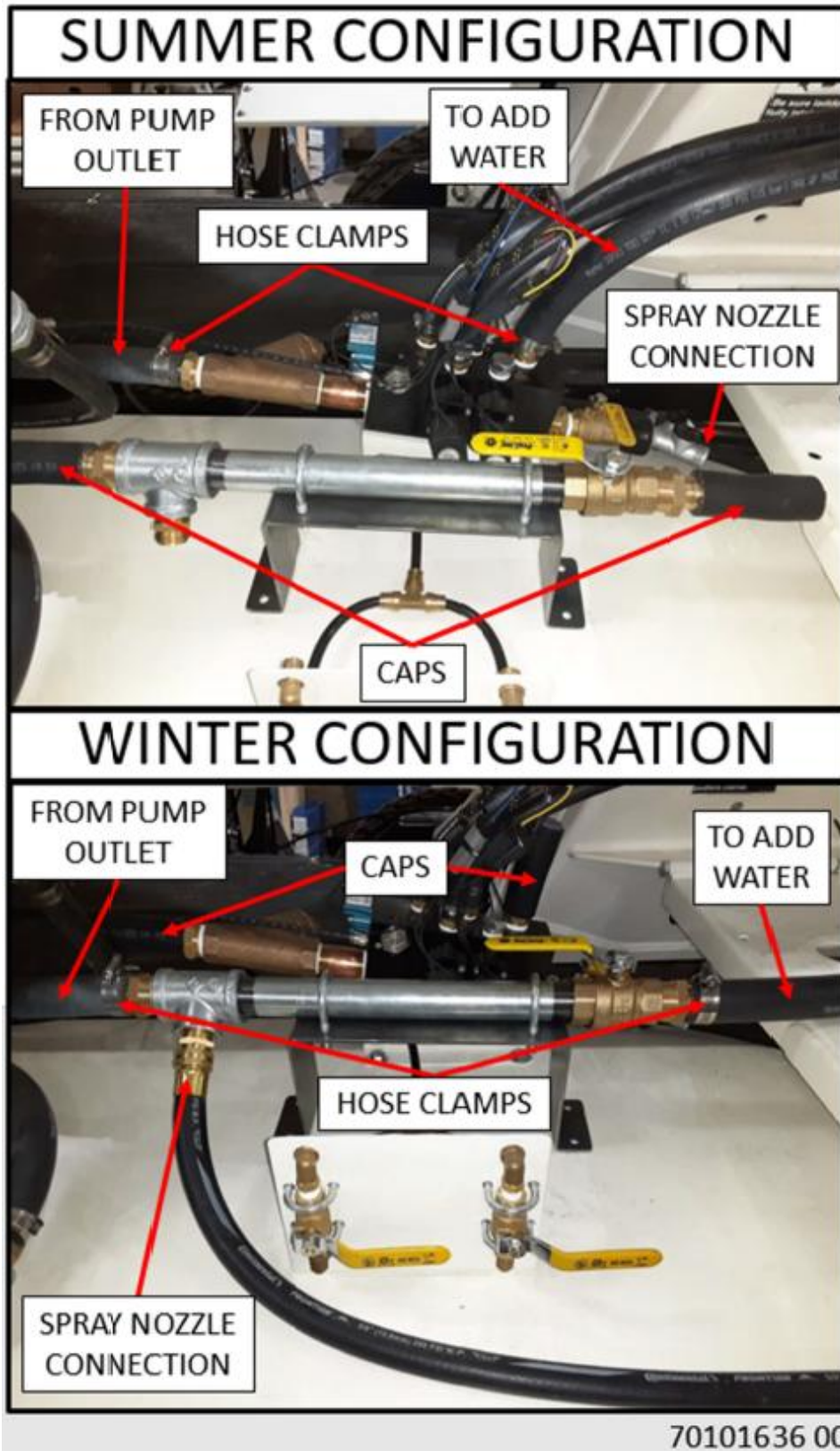
2 Methods of Operation in Freezing Temperatures:

(Both methods require draining or purging water before it freezes.)

1. Washout System With Recirculation
 - A. See Integral dx Mixer Truck Washout Manual for drain / air purge instructions.
2. Water Supply Valve Manifold Bypass Piping
 - A. Connect piping/hoses in "Winter Configuration" as shown on adjacent decal.
 - B. CLOSE Water Supply Valve (To Pump Inlet), OPEN Pump Drain Valve, OPEN Washout Supply Valve (to Manifold), CLOSE Recirculation Valve (To Tank), then remove and drain spray nozzle hose. The TEE where the spray nozzle hose was connected will now be the lowest point, providing a drain location.
 - C. Operate the diaphragm pump until water is no longer draining from the spray nozzle connection tee.
 - D. System should now be free of water, except the hose from the pump outlet to the bottom of the water tank (for recirculation option) may have water in it equal to the height of the water column within the water tank.

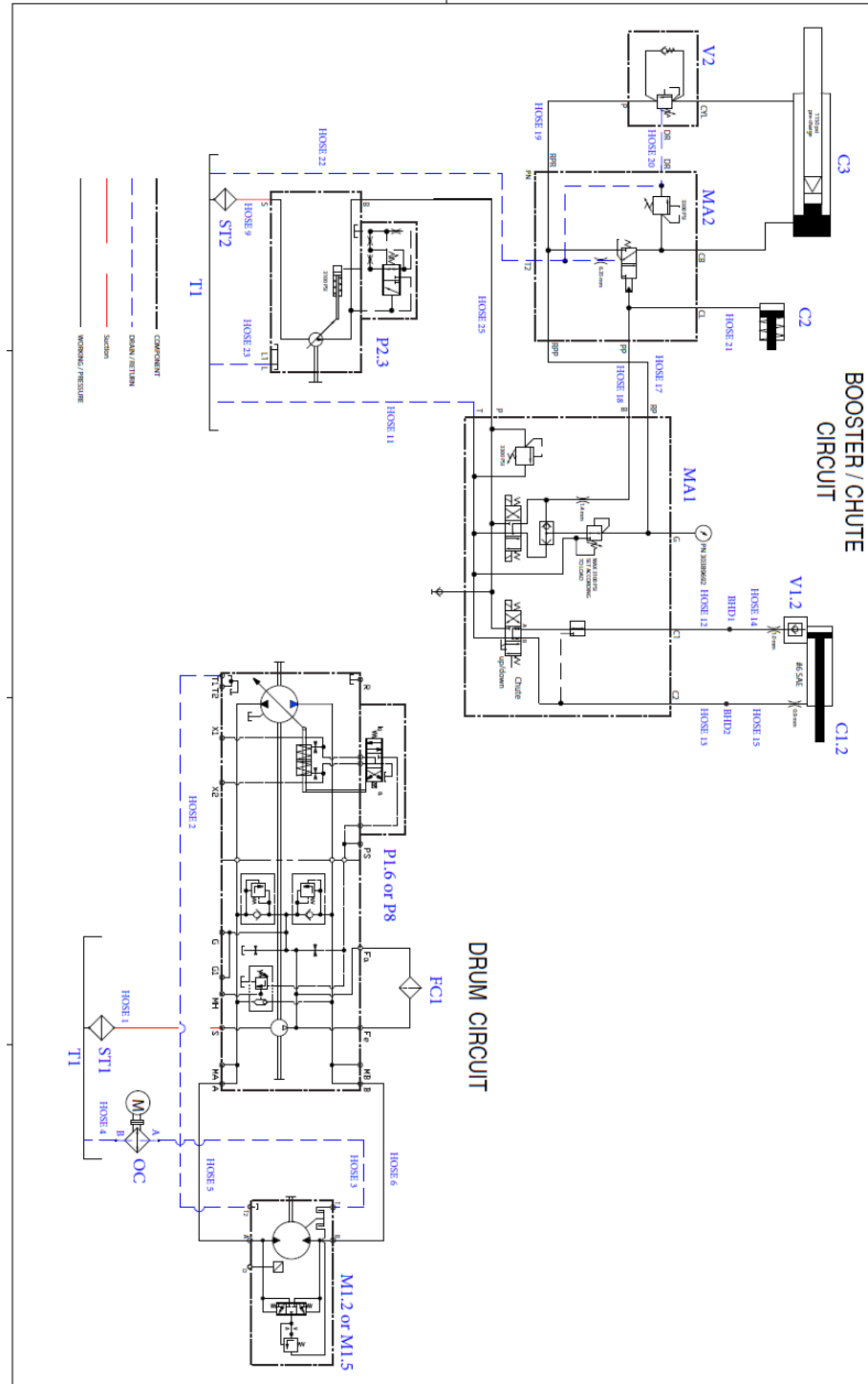


70101635-00



12 SCHEMATICS

12.1 HYDRAULIC SCHEMATIC



*NOTE: CHUTE FOLD CIRCUIT NOT SHOWN ON SCHEMATIC

12.2 ELECTRICAL SCHEMATIC

