EASI

REDI-Mix TRUCKS

A Division of INTEGRAL dx

PARTS MANUAL

Part # 70100292

L#3034010

Parts Manual

INTEGRAL dx MIXER TRUCK



Part# 70100292
Revision: 01
Printed Date: 8/24/2026

121 N. 1ST ST.
Montevideo, MN 56265
320-435-0003
www.integraldx.com

Mixer Information

Mixer Serial # _____
Chassis VIN _____

Electric Schematic: _____
Hydraulic Schematic: _____
Main Pump Part # _____
Aux Pump Part # _____
PTO Shaft Part # _____
Display Software _____
PLC Softare _____

Integral dx Call Center (Parts & Service)
320-435-0003
www.integraldx.com

Torque Tables

Torque values in tables are approximate and should not be accepted as accurate limits. Indeterminate factors (surface finish, type of plating, and lubrication) in specific applications preclude the publication of acucrate values for universal use. Manufactures of various types of equipment usually provide specific tightening instructions which should be followed.

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

General Torque Specification Chart for Metric Thread (ft-lbs)

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

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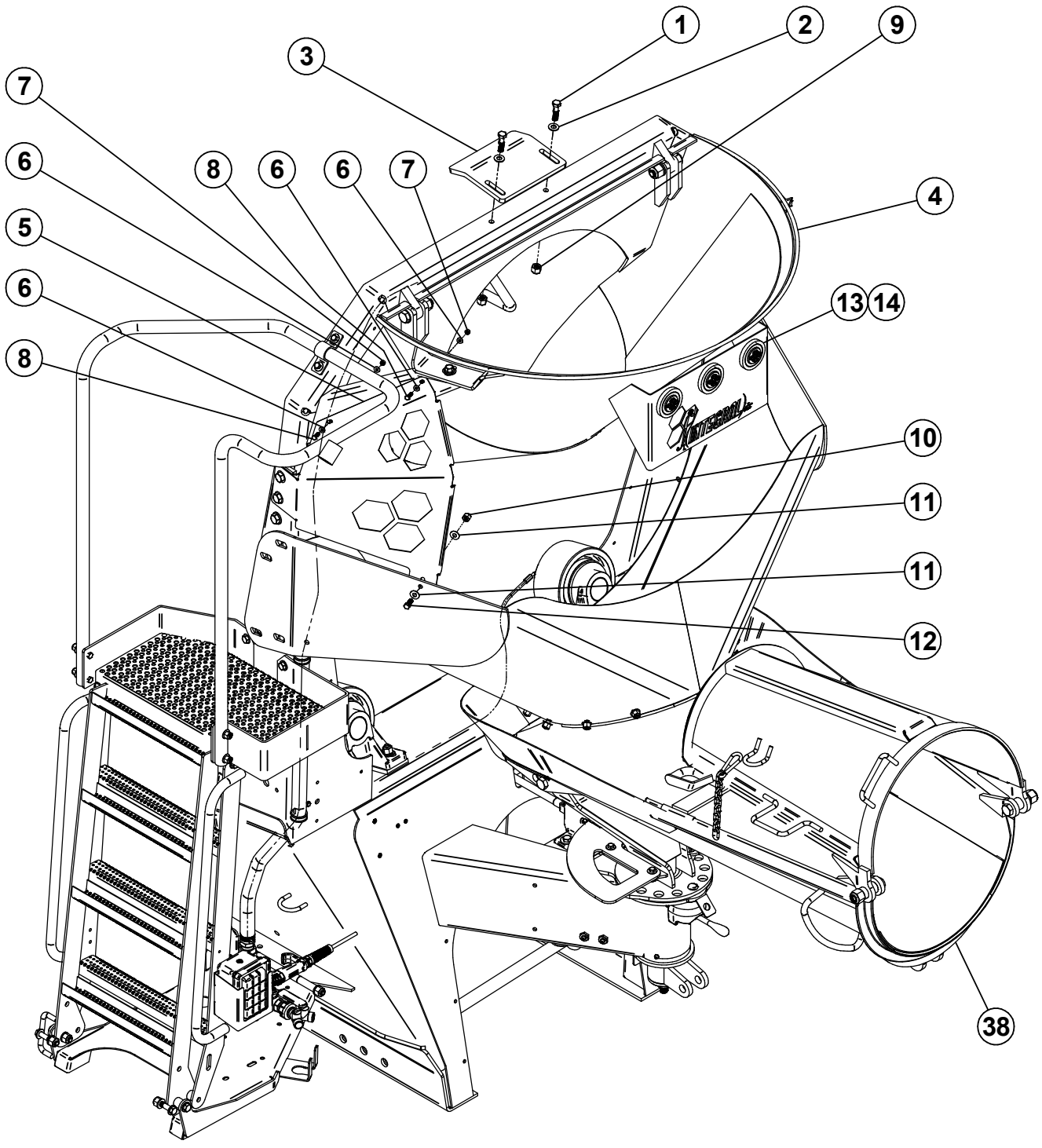
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98363641

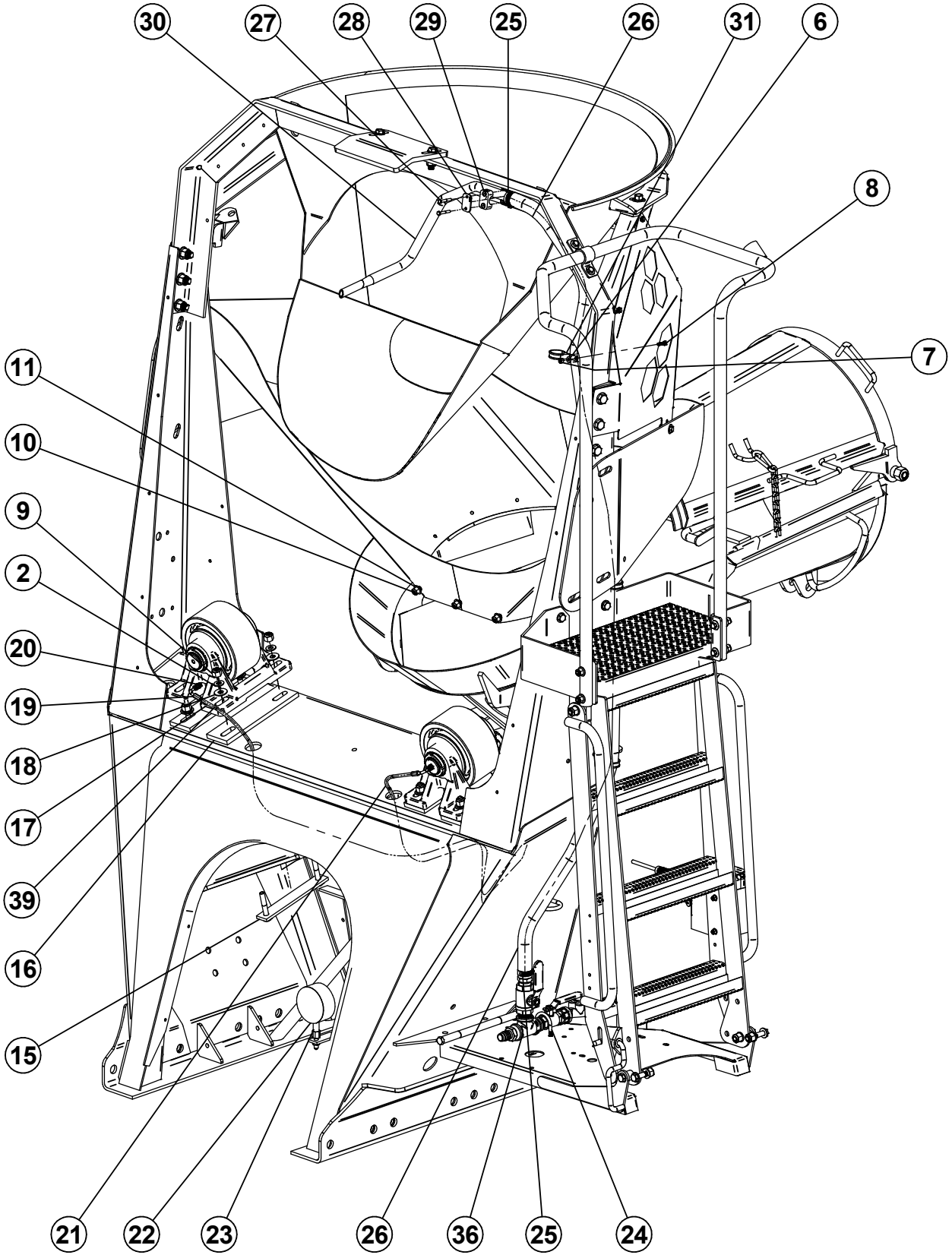


ITEMS 41-43 NOT SHOWN

98363641 - ASSY STANDARD REAR PEDESTAL (1 of 3)

Item	Qty	Description	Part #
1	2	HHCS 1/2-13 X 2" GR 5 ZINC FINISH	30309367
2	10	WASHER - FLAT, 1/2" THRU-HARDENED - Y.Z.	30391335
3	1	PLATE - DRUM DEBOUNCE	98331135
4	1	ASSY - BASE, REAR PEDESTAL	98362389
5	1	PLT - WASHOUT GUARD	70102173
6	7	WASHER - FLAT, 1/4"	30303735
7	5	NUT - LOCK 1/4"-20 NC NYLON INSERT	30334582
8	5	SCREW - 1/4"-20 NC X 1" LG GR.5 HHCS	30302132
9	10	NUT - LOCK, 1/2"-13 NC NYLON	30307220
10	12	NUT - HEX, 3/8-16UNC GR. 8 (NYLOCK) - ZP	30389195
11	13	WASHER - FLAT, 3/8" LOW CARBON USS - Z.P	30302130
12	1	SCREW - HHC, 3/8-16UNC X 1.00" GR 5 Y.Z.	30302118
13	3	PARTS - LIGHT GROMMET 2.5”	30369473
14	3	LIGHT - MARKER RED 2.5” LED	30369467
15	4	WMT - MOUNTING BOLT ASSY	30386739
16	4	BAR - SHIM, ROLLER ASSEMBLY, MIXER (Q102	30389983
17	2	PARTS - DRUM ROLLER ASSY COMPLETE	30386702
18	8	WASHER - FLAT, 1/2" ZINC FINISH USS	30302126
19	4	FITTING, GREASE LINE	70100169
20	4	FITTING - 6MM TUBE TO 1/8" NPT, COMP	98367280
21	1	HOSE, GREASE LINE, 45”	70100168
22	1	GAUGE - HYD, PRESSURE 0-5000PSI 1/4" NPT	30389146
23	1	FITTING - HYD, FEMALE BULKHEAD 1/4" NPT	30389275
24	1	U-BOLT , 1 3/4" O.D. 5/16" THREAD	30389308
25	2	HOSE CLAMP 13/16" - 1 3/4" #200 M 20 H	30303225
26	1	HOSE - WATER, 1"	30389226
27	2	SCREW DIN 933 M 6 X 40-8.8-A2C	10001779
28	1	COVER PLATE - STAUFF, 3/4"-1" (20-25MM)	30307534
29	2	CLAMP - STAUFF, PLASTIC 1" (25MM)	30307548
30	1	TUBE - 1" X 1/8" DRUM SUPPLY	30389032
31	3	STRAP , 1" WATER HOSE (1.5" O.D. HOSE)	30389305
32	2	FITTING - HYD, 3/8" BULKHEAD 37 DEG	30389159
33	2	FITTING - HYD, ELB 90 #6 SWIVEL X FLARE	30389374
34	3	FITTING - LUB, GREASE ZERK STR 1/8 NPT	30308466
35	2	FITTING - BULKHEAD, 1/8" NPT, BRASS	98367279
36	1	ASSY STANDARD WATER BALL VALVE REAR	98363705
37	1	PIPE HOUSING GREASE PRESSURE RELIEF P305	30394953
38	1	ASSY - MAIN AND FOLD OVER CHUTE KIT	98363635
39	1	HOSE, GREASE LINE, 60”	70100167
40	1	ASSY - AIR CHUTE LOCK	98363634
41	1	HARN - CONT HOPPER LIGHTS	30389346
42	1	PARTS - RUBBER SPLASH GUARD	30389035

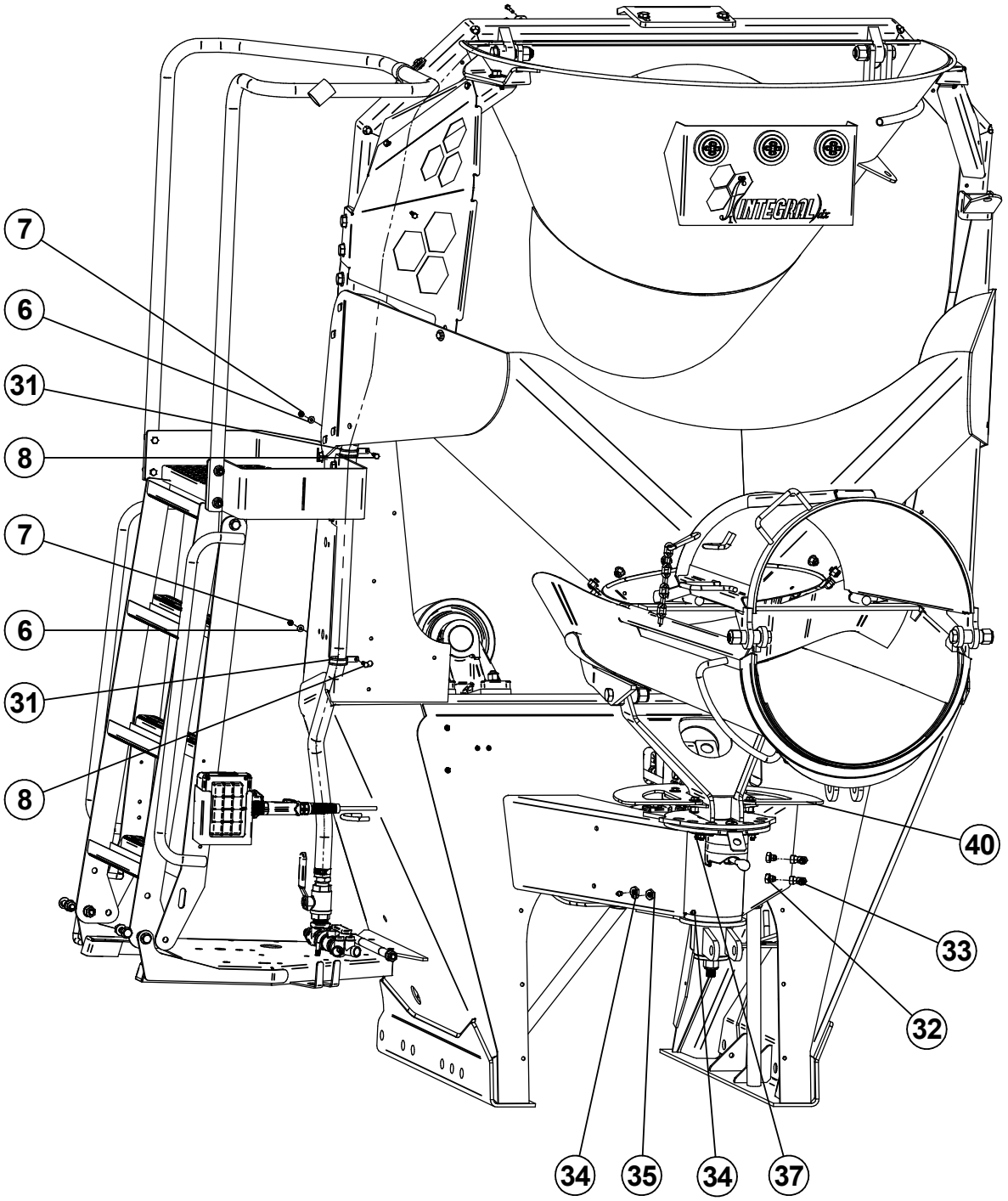
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98363641 - ASSY STANDARD REAR PEDESTAL (2 of 3)

Item	Qty	Description	Part #
43	11	CAP VINYL BLACK	98404319

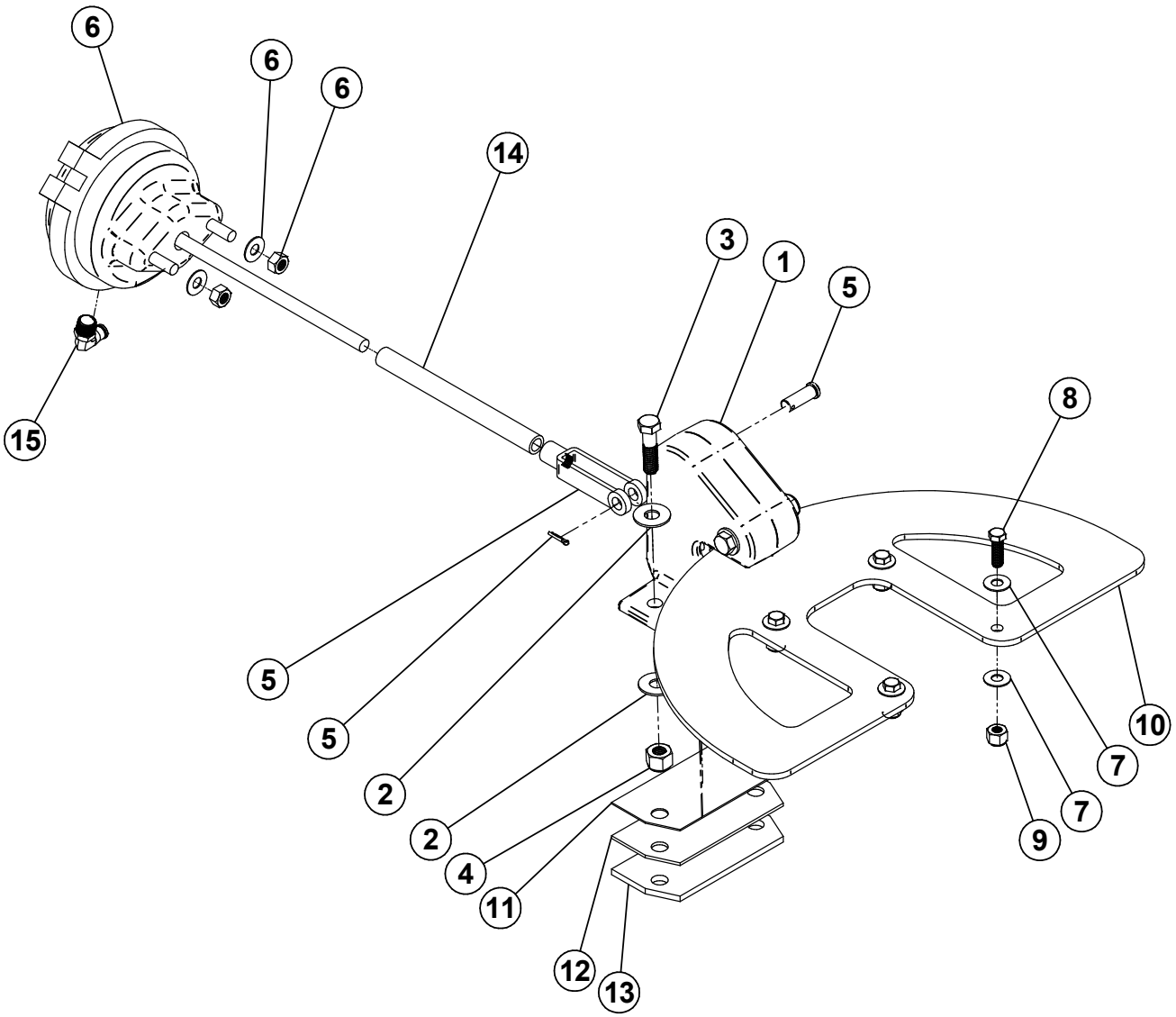
98363641



98363641 - ASSY STANDARD REAR PEDESTAL (3 of 3)

Item	Qty	Description	Part #

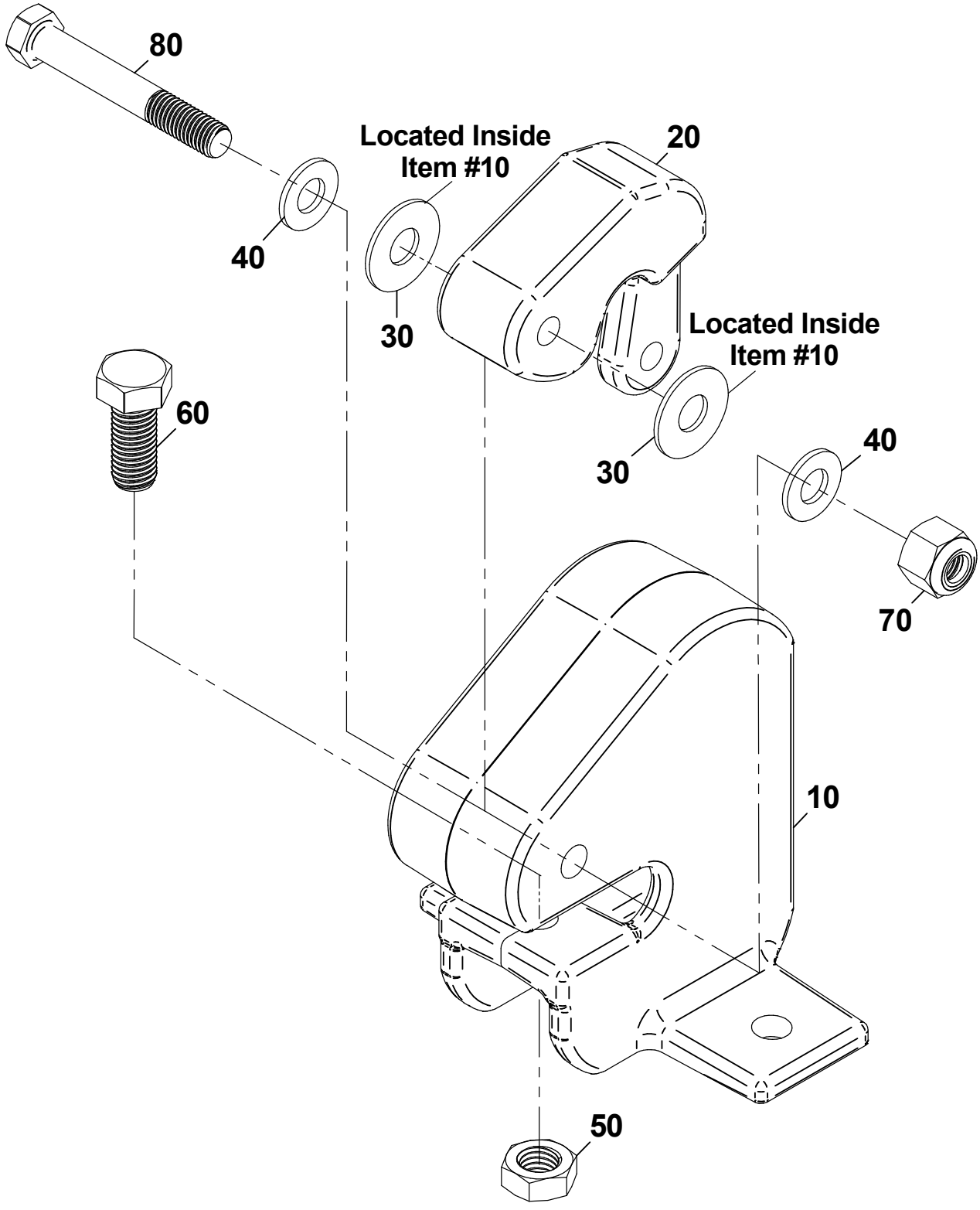
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	02	7/2/22



98363634 - ASSY AIR CHUTE LOCK

Item	Qty	Description	Part #
1	1	ASSY - CHUTE CLAMP	98363427
2	4	WASHER - FLAT, 1/2” ZINC FINISH USS	30302126
3	2	SCREW - 1/2”-13 NC X 2” LG GRADE 8 HHCS	30337904
4	2	NUT - LOCK, 1/2"-13 NC NYLON	30307220
5	1	YOKE END, ADJUSTABLE W/PIN 1/2" THREAD,	30389191
6	1	BRAKE - CHAMBER, TYPE 16	30389189
7	8	WASHER - FLAT, 3/8" LOW CARBON USS - Z.P	30302130
8	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
9	4	NUT - HEX, 3/8-16UNC GR. 8 (NYLOCK) - ZP	30389195
10	1	PLT - 1/4" 5000 CLAMP	30389055
11	1	PLATE - CHUTE BRAKE SHIM 1/16"	98336223
12	1	PLATE - CHUTE BRAKE SHIM 1/8	98336224
13	1	PLATE - CHUTE BRAKE SHIM 1/4"	98336226
14	1	TUBE - 3/4”O.D. X .120 WALL X 8” LNG	30386441
15	1	FITTING MALE ELBOW SWIVEL 90°	30351529

	98363427	
	05	05.01.2015

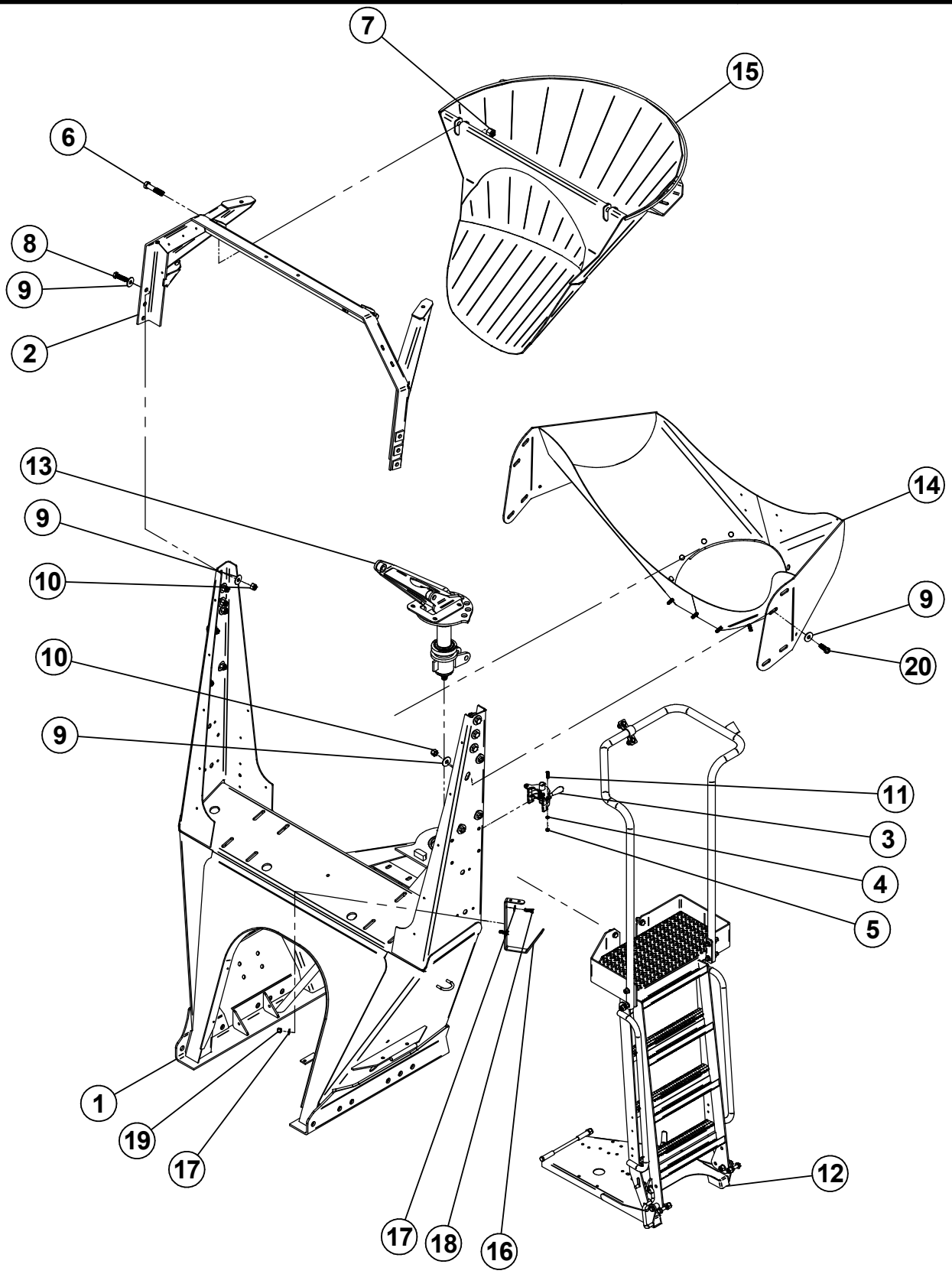


98363427 - ASSY CHUTE CLAMP

Item	Qty	Description	Part #
0010	1	HOUSING - CHUTE CLAMP	98363424
0020	1	CAM - CHUTE CLAMP	98363426
0030	2	WASHER - FLAT, 1/2" ZINC FINISH USS	30302126
0040	2	WASHER - FLAT, 1/2" THRU-HARDENED - Y.Z.	30391335
0050	1	NUT 5/8 N/C JAM	30391664
0060	1	SCREW - HHCS 5/8"-11UNC X 1-1/2" GR 5 ZP	30306429
0070	1	NUT - LOCK, 1/2"-13 NC NYLON	30307220
0080	1	SCREW - 1/2"-13NC X 3-1/2" LG. HHCS	30309696

98362389

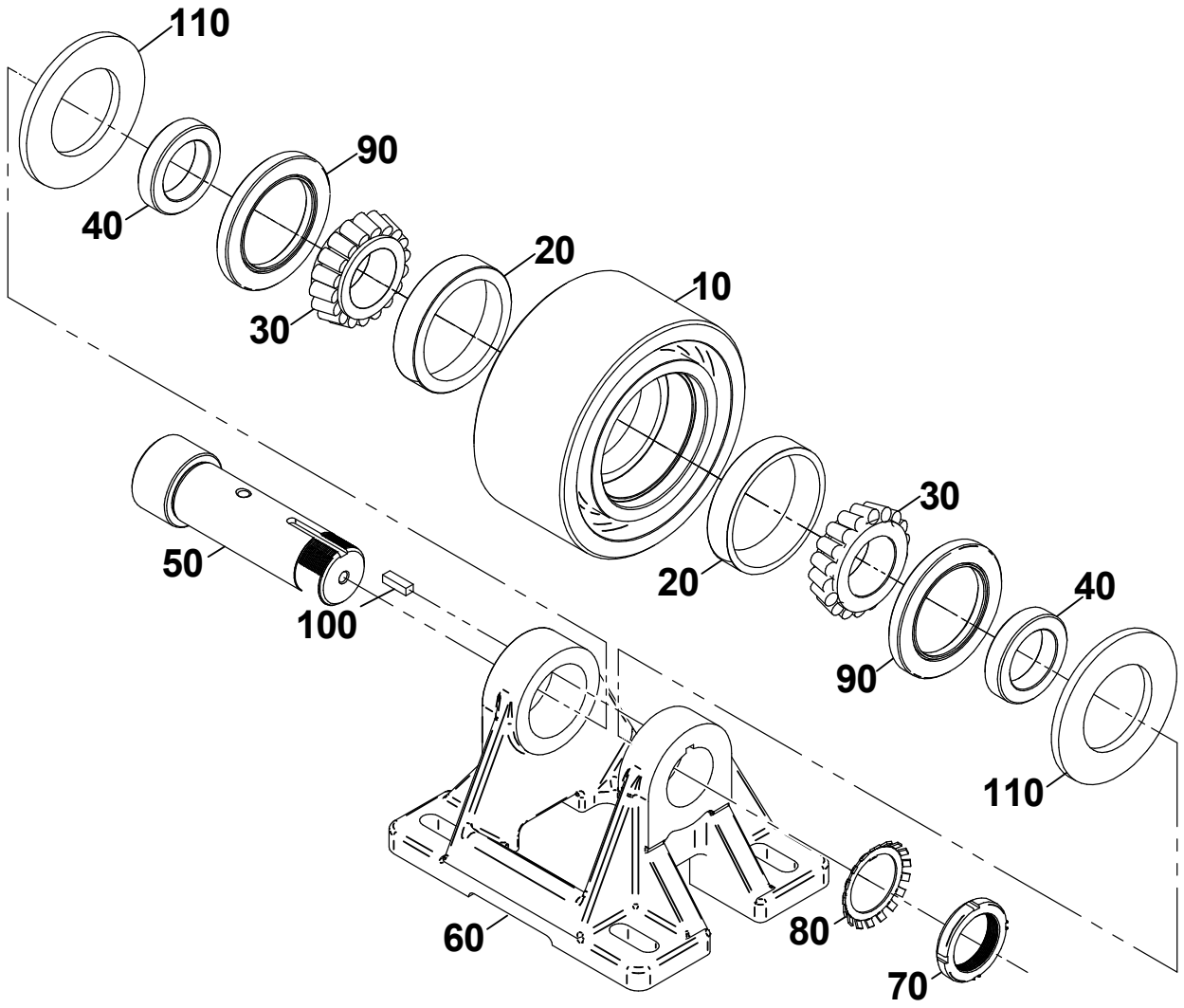
04	02/10/26



98362389 - ASSY BASE REAR PEDESTAL

Item	Qty	Description	Part #
1	1	WMT - PEDESTAL, REAR, MIXER	30386614
2	1	WMT - HANGER	30386676
3	1	ASSY - MANUAL CHUTE LOCK	98360891
4	2	WASHER DIN 125 B 8.4-140HV-A2C	10010371
5	2	NUT DIN 934 M 8-8-A2C	10001248
6	2	SCREW - 3/4”-10 X 3 1/2” GR.8 HHCS	30358961
7	2	NUT - LOCK, CRIMP 3/4”-10 NC	30308525
8	6	SCREW - 5/8”-11 NC X 2 1/4” LG GR.5 HHCS	30308219
9	28	WASHER - FLAT, 5/8” (1-3/4” O.D.)	30302125
10	14	NUT - NYLON LOCK, 5/8-11UNC	98394255
11	2	SCREW DIN 965 M 8 X 30	30359466
12	1	ASSY - LADDER, MIXER	30389759
13	1	ASSY - CHUTE PIVOT SUPPORT ARM	98363633
14	1	WMT - HOPPER, DISCHARGE	30386600
15	1	WMT - HOPPER, CHARGE	70100425
16	1	RACK, HOSE LOOP	70100311
17	4	WASHER, FLAT, 3/8, ZP	30302130
18	2	SCREW - 3/8”-16 X 1 1/4”	30302817
19	2	NUT - NYLON LOCK, 3/8-16UNC	30389195
20	8	SCREW - 5/8”-11 X 1 3/4” GR.5 HHCS	30358386

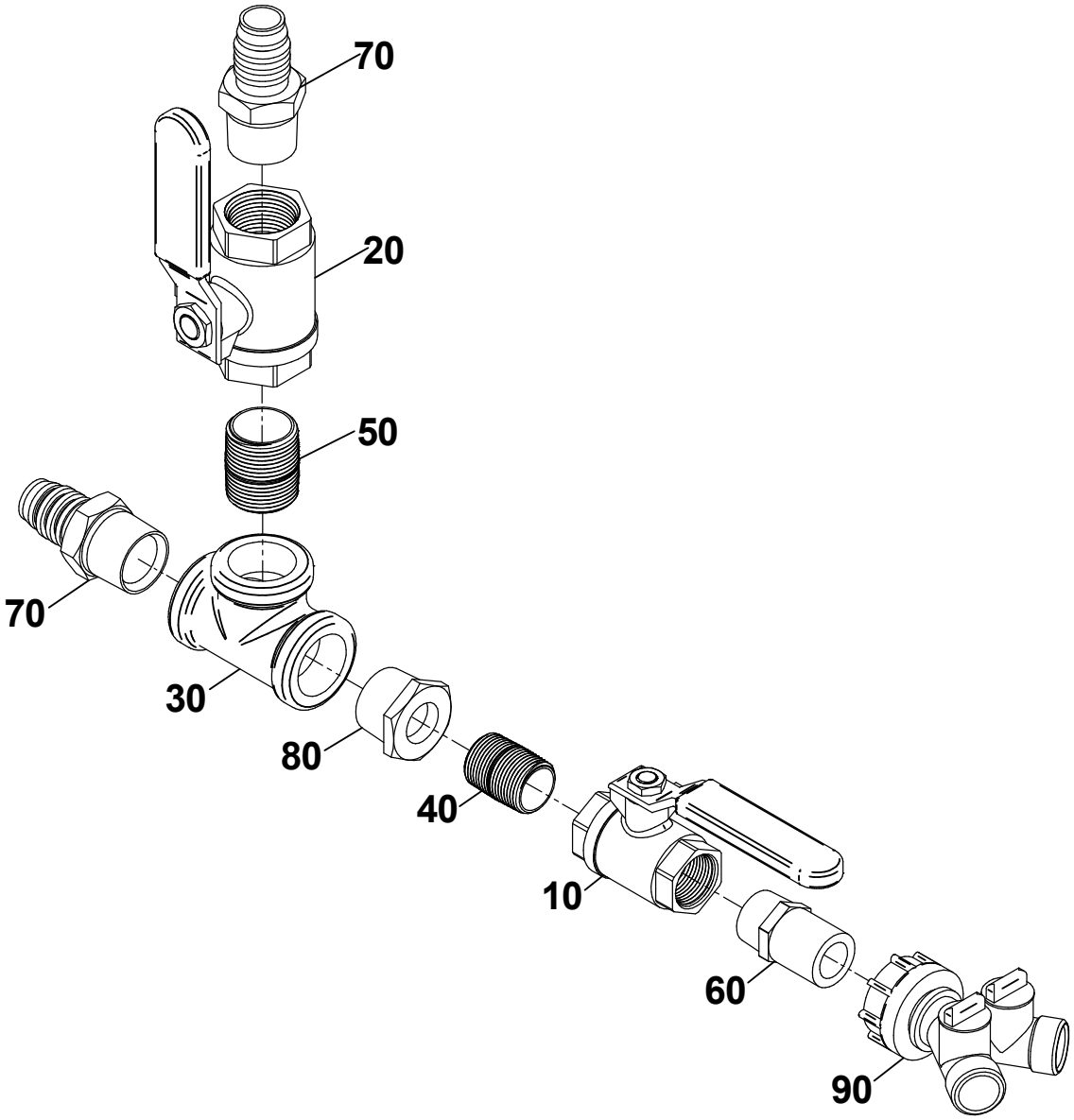
	30386702	
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30386702 - ASSY PARTS DRUM ROLLER COMPLETE

Item	Qty	Description	Part #
0010	1	PARTS - ROLLER 3-7/8" WIDE FITS 30386702	30386725
0020	2	BEARING ELEMENT 32024 X	60104323
0030	2	BEARING ELEMENT 32024 X	60104322
0040	2	PARTS - ROLLER SPACER RING FITS 30386702	30386720
0050	1	PARTS - ROLLER SHAFT FITS 30386702	30386726
0060	1	PARTS - HOUSING ROLLER FITS 30386702	30386729
0070	1	WASHER - LOCKING	60306838
0080	1	WASHER, BEARING	60104471
0090	2	SEAL FOR ROLLERS	60104541
0100	1	FEATHERKEY A 8X 7X 25 DIN 6885	60092456
0110	2	SEAL - FELT BRG FITS 30386702	30386721

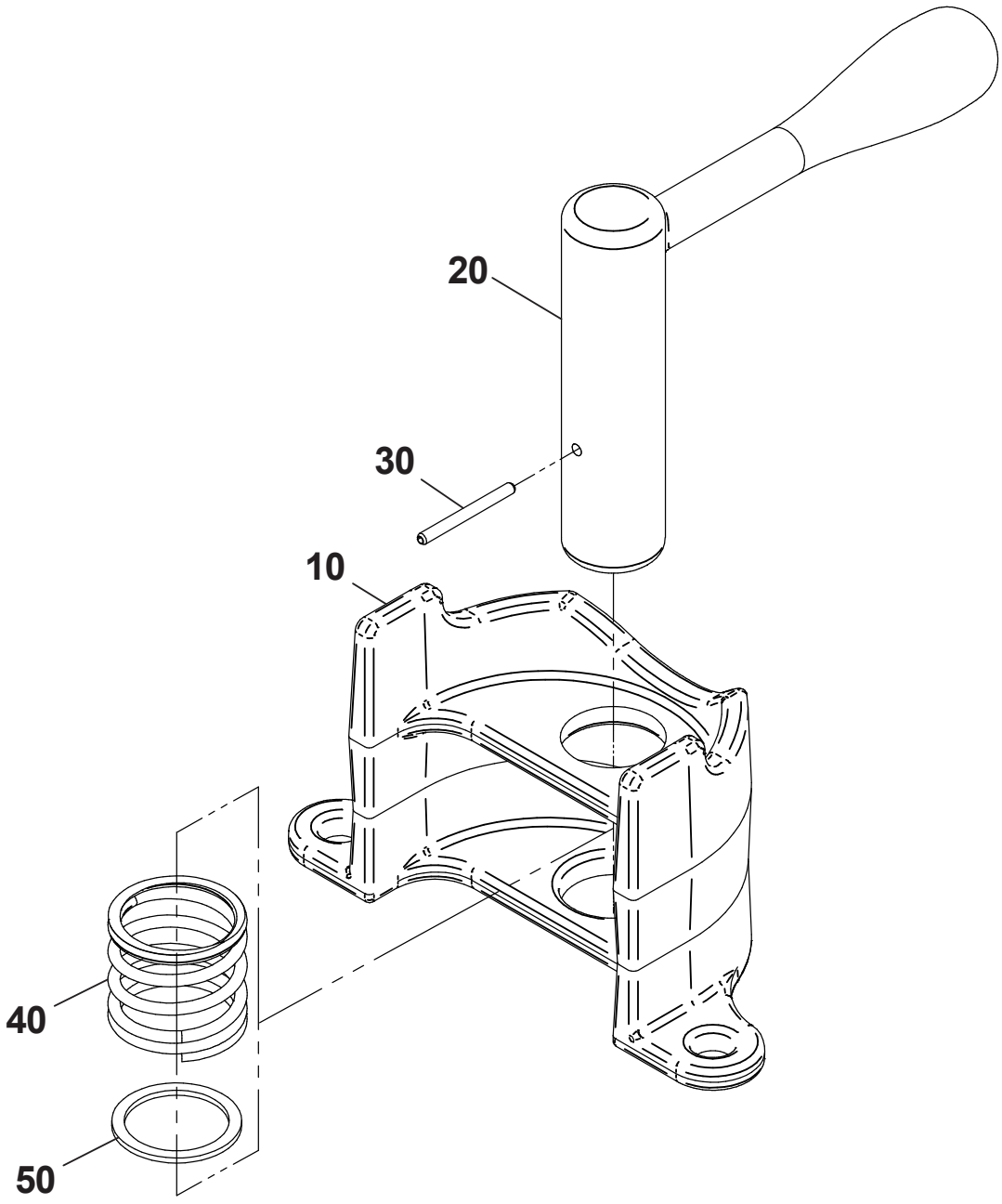
	98363705	
	01	21.11.2017



98363705 - ASSY STANDARD WATER BALL VALVE REAR

Item	Qty	Description	Part #
10	1	VALVE -WATER, BALL 3/4" BRASS 600 PSI	30303372
20	1	VALVE - WATER, BALL 1" BRASS 600PSI WOG	30315395
30	1	FITTING - WATER, TEE, 1" NPT GALV	30330858
40	1	FITTING - WATER,CLOSE NIPPLE 3/4X1-3/8"	30303371
50	1	FITTING - WATER, NIPPLE CLOSE 1" GALV	30315394
60	1	FITTING - WATER, COUPLING 3/4"MNPT-MGHT	30309420
70	2	FITTING - WATER, 1" NPT X 1" HOSE BARB	30389225
80	1	FITTING - REDUCER 1"X 3/4" NPT, GALV.	30310678
90	1	FITTING - WATER, "Y" FOR HOSE 3/4"	30389491

	98360891	
	01	11.12.2015

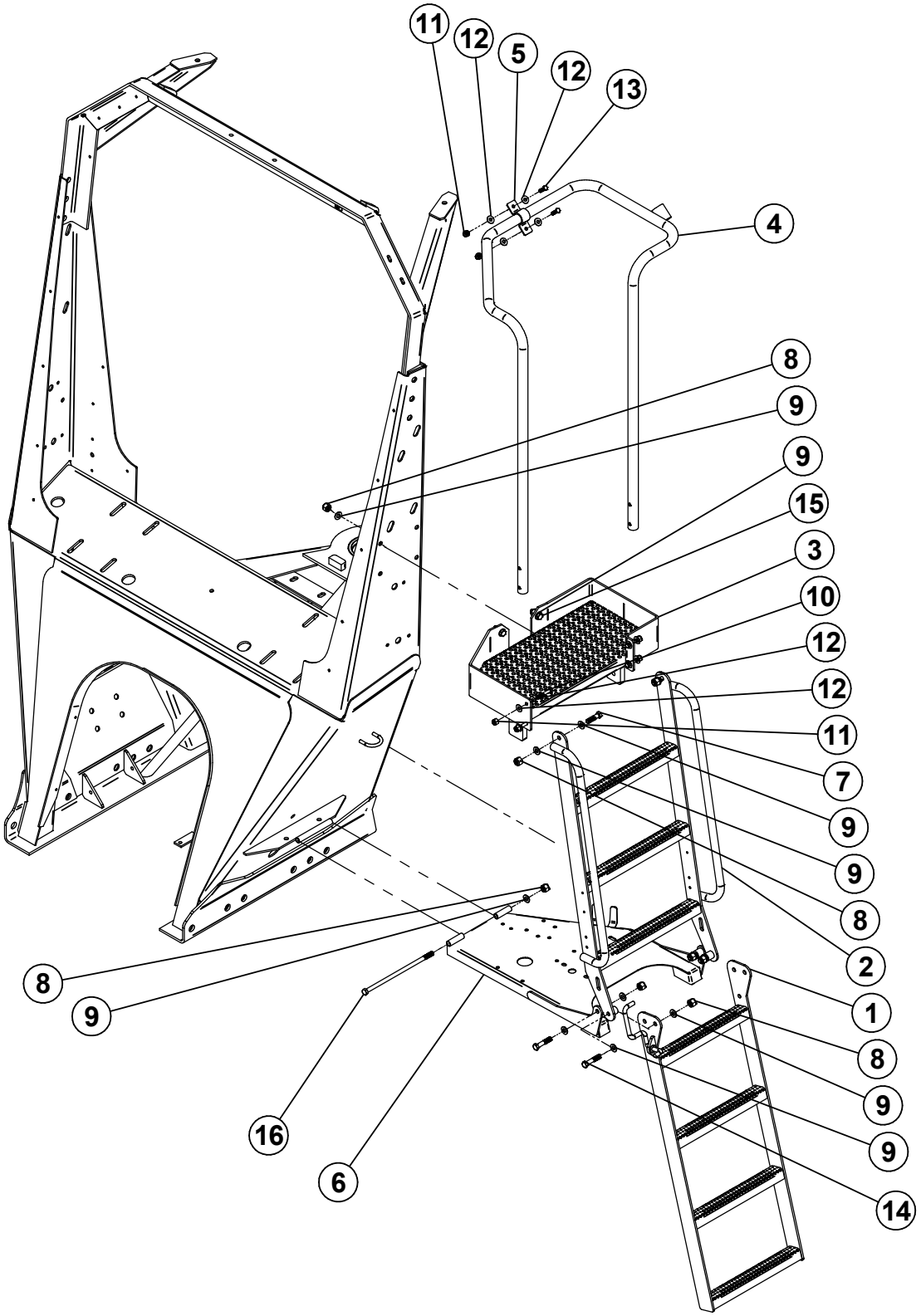


98360891 - ASSY MANUAL CHUTE LOCK

Item	Qty	Description	Part #
0010	1	CASTING - BODY, MANUAL CHUTE LOCK	98360890
0020	1	HANDLE - LOCKING PIN, MANUAL CHUTE LOCK	98360887
0030	1	PIN - SPRING (ROLL) 1/8" DIA X 1 1/4" LG	30386200
0040	1	SPRING - COMPRESSION	60306813
0050	1	PLATE - SPRING RETAINER, MANUAL CHUTE	60308228

30389759

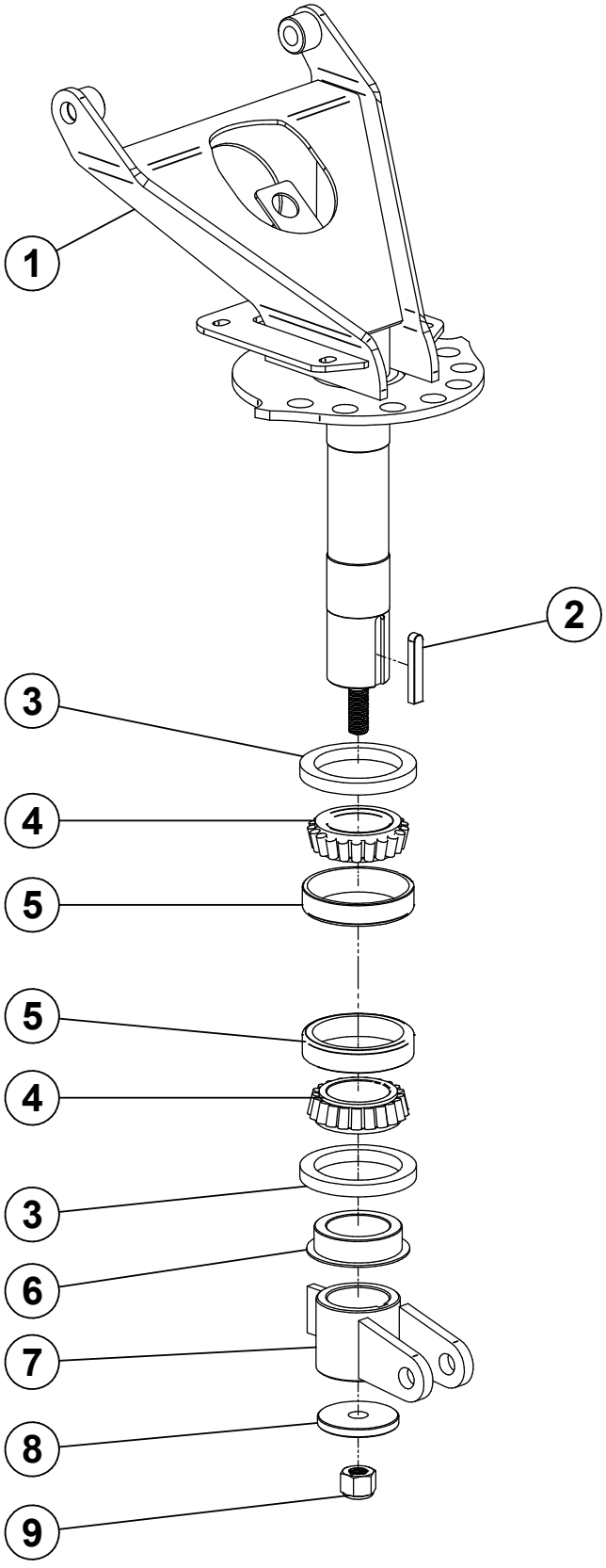
03	1/17/22



30389759 - ASSY LADDER MIXER

Item	Qty	Description	Part #
1	1	WMT - LADDER; LOWER FOLDING, MIXER	30389755
2	1	WMT - LADDER, UPPER PIVOTING, MIXER	30389757
3	1	WMT - PLATFORM; UPPER ACCESS LADDER	30389666
4	1	WMT - ACCESS RAILING	30389808
5	1	HANDRAIL CLAMP	60306805
6	1	WMT - PLATFORM; LOWER; MIXER LADDER	30389665
7	2	SCREW - 1/2”-13 NC X 2” LG GRADE 8 HHCS	30337904
8	11	NUT - LOCK, 1/2”-13 NC NYLON	30307220
9	21	WASHER - FLAT, 1/2” THRU-HARDENED - Y.Z.	30391335
10	4	SCREW 3/8 X 2 1/4 NC X 2 1/4	30391467
11	6	NUT - HEX, 3/8-16UNC GR. 8 (NYLOCK) - ZP	30389195
12	12	WASHER - FLAT, 3/8” LOW CARBON USS - Z.P	30302130
13	2	HHCS 3/8”-16 NC X 1 1/4” GRADE 5	30302817
14	4	HHCS 1/2”-13 NC X 2 1/2” LG GR 8 PARTIA	30337905
15	4	HHCS 1/2”-13 NC X 1 1/2” LG GRADE 5	30302654
16	1	HHCS 1/2"-13 NC X 12" PARTIALLY THREADED	30389659

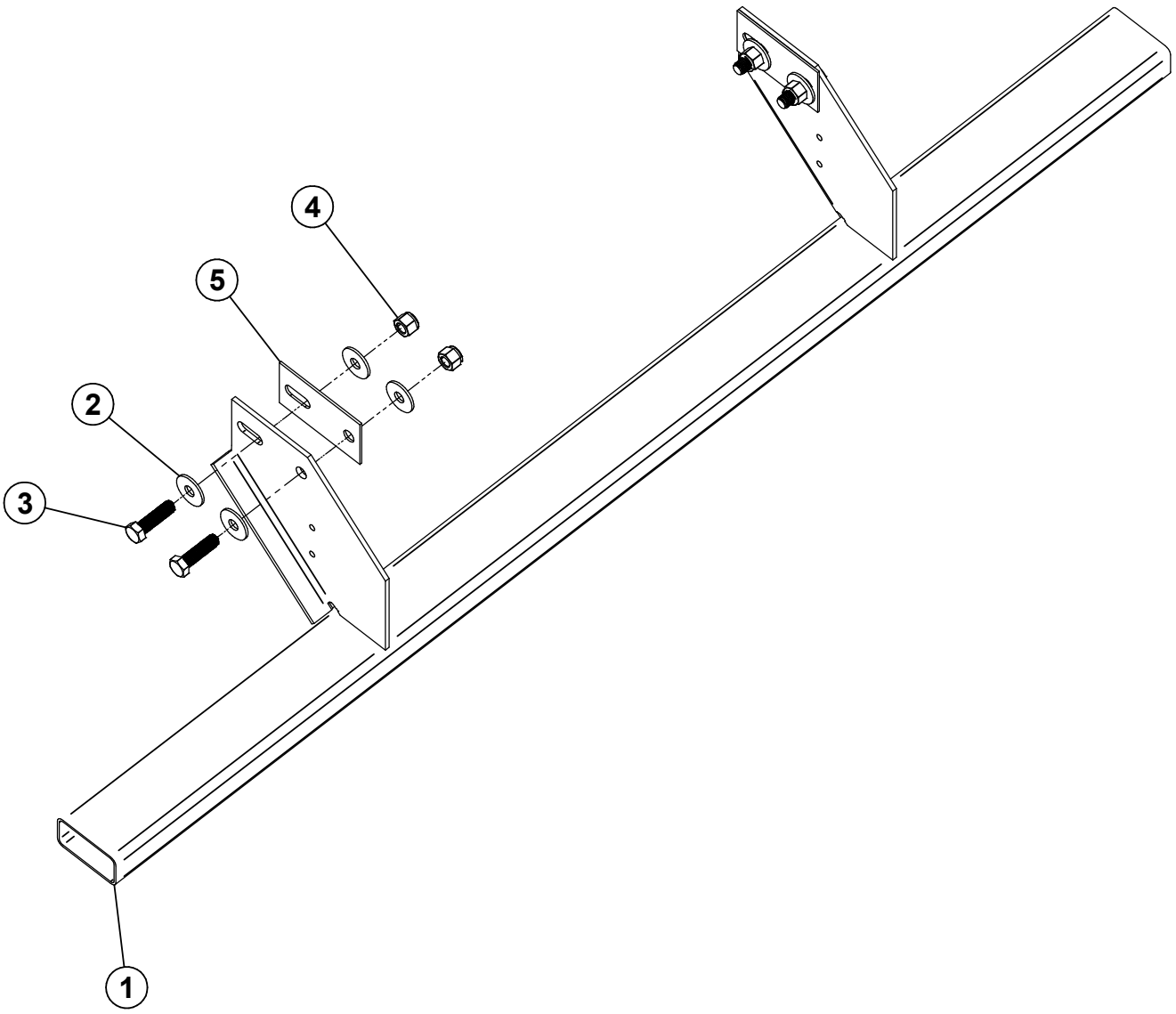
	98363633	
	04	11/5/21



98363633 - ASSY CHUTE PIVOT SUPPORT ARM

Item	Qty	Description	Part #
1	1	ASSY - CHUTE PIVOT SUPPORT ARM	98386377
2	1	PARTS - KEY, STOCK MIXER	60306153
3	2	SEAL - RING, 3.50” SHAFT (PIVOT)	30389179
4	2	BEARING ELEMENT 32024 X	60104324
5	2	BEARING ELEMENT 32024 X	60104325
6	1	BUSHING	60306152
7	1	WMT - CHUTE CYL MOUNT PIVOT	60306816
8	1	PARTS - DISC MIXER	60306154
9	1	NUT - LOCK, CRIMP 3/4"-10 NC	30308525

CONV BUMPER



CONVENTIONAL BUMPER MOUNTING

Item	Qty	Description	Part #
1	1	WLDT, BUMPER REAR	30389289
2	8	WASHER, FLAT 5/8”	30302125
3	4	HHCS, 5/8”-11 X 2 1/4”	30308219
4	4	NUT - NYLOCK, 5/8”-11	98394255
5	2	SPACER - REAR BUMPER 1/8”	70101676

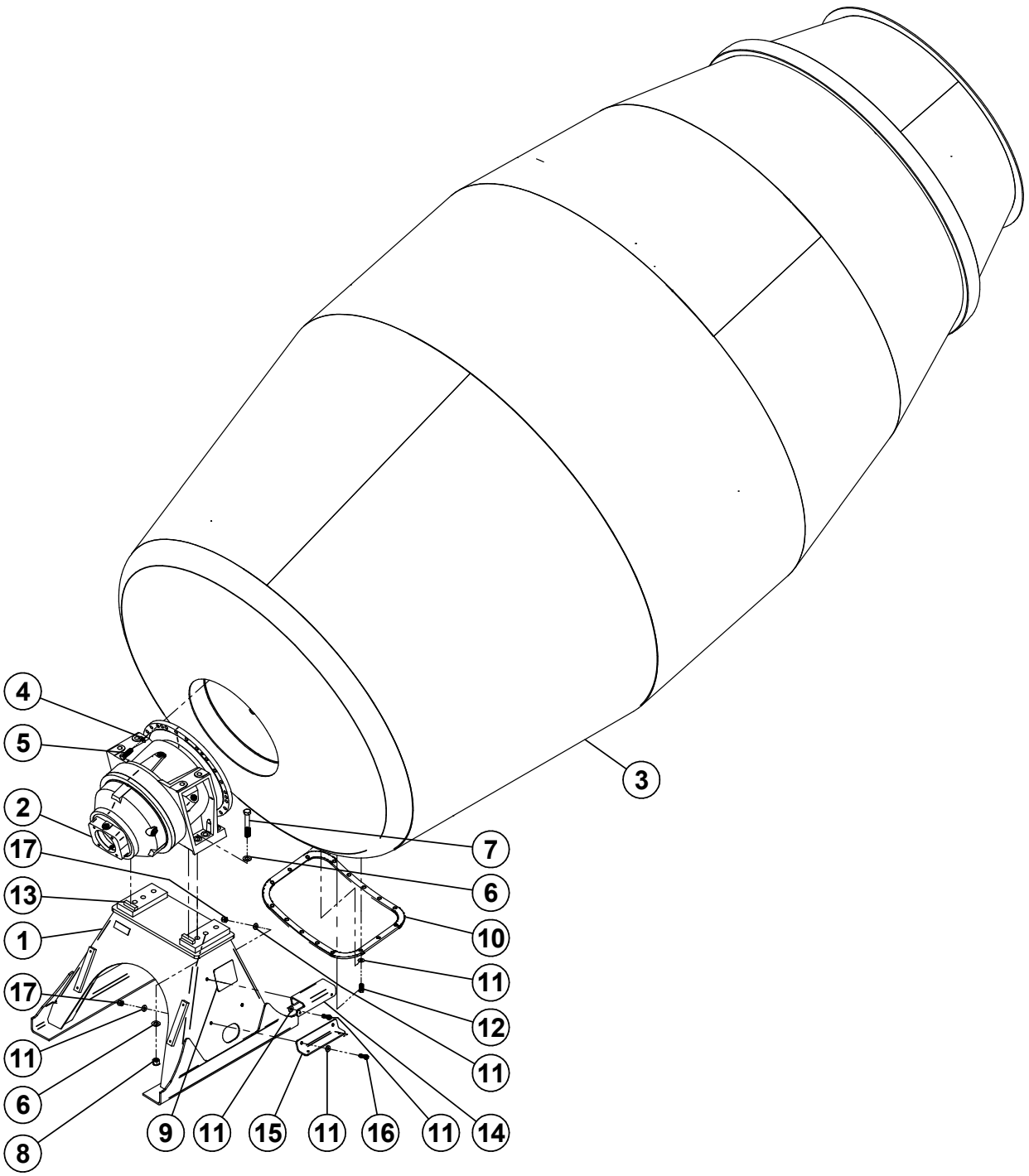
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2.0 Drums

DRUM INSTALLATION, P7300 39
70102401 - ASSY, MOTOR, PMP, P7300 41
98416002 - ASSY, MOTOR EATON 43
DRUM INSTALLATION, CML 12 45
70101726 - ASSY HYD FITTINGS CML 12 47

DRUM INSTALL

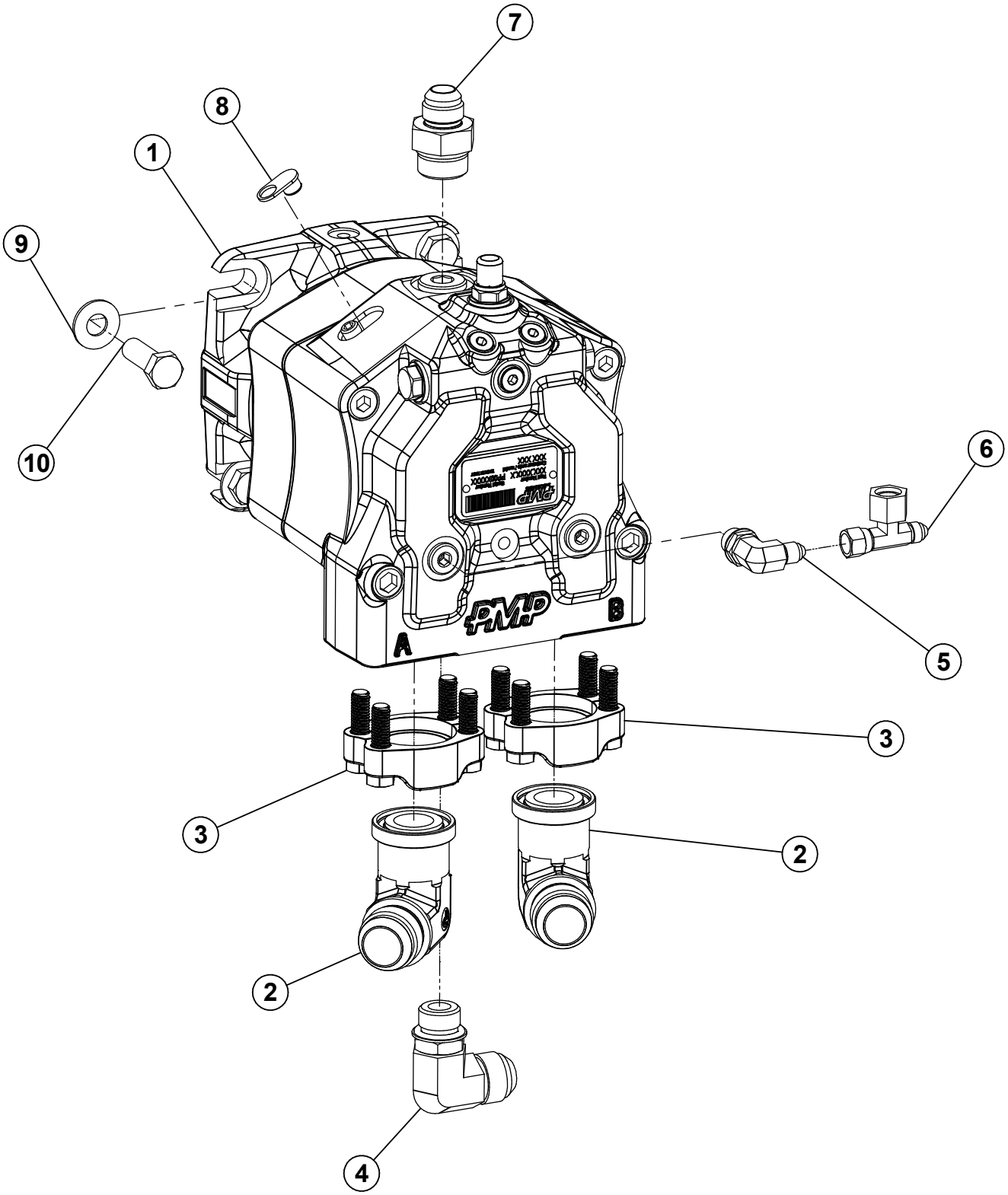
P7300



DRUM INSTALLATION, P7300

Item	Qty	Description	Part #
1	1	WMT - FRONT PEDESTAL - MIXER TRUCK	60306647
2	1	GEAR P7300 I=144,3 W.O. WATER PUMP DRIVE	60104083
3	1	WMT - 10 YD, L/S, DRUM W/HOLES	98397899
	1	WMT - 10 YD, S/H, DRUM	30386098
	1	WMT - 10 YD, H/H, DRUM, W/HOLES	98406975
	1	WMT - 10.5 YD, L/S, DRUM W/HOLES	98397521
	1	WMT - 10.5 YD, S/S, DRUM	30386652
	1	WMT - 10.5 YD, H/H, DRUM, W/HOLES	30386401
	1	WMT - 10.5 YD, S/H, DRUM W/HOLES	98372927
	1	WMT - 10.5 YD, DRUM W/HOLES	98406345
	1	WMT - 11 YD, L/S, DRUM W/HOLES	98397805
	1	WMT - 11 YD, S/S, DRUM	30386672
	1	WMT - 11 YD, H/H, DRUM	30386403
	1	WMT - 11 YD, S/H, DRUM W/HOLES	98388894
	1	WMT - 12 YD, L/S, DRUM W/HOLES	98397844
	1	WMT - 12 YD, S/S, DRUM W/HOLES	98418450
	1	WMT - 12 YD, S/H, DRUM W/HOLES	98390790
	1	WMT - 12 YD, H/H, DRUM, W/HOLES	30386405
4	24	SCREW RETAINER SKM 16-GT320	10133552
5	24	SCREW DIN 933 M 16 X 50-10.9-GT500	10001350
6	12	WASHER - FLAT, 3/4" HARDENED	30304213
7	6	SCREW - 3/4"-16 UNF X 5" GR.8 HHCS	30389000
8	6	NUT - LOCK, 3/4"-16 UNF GR.8 (NYLOCK)	30389001
9	1	DECAL - TMMB - 10 YD	30386481
	1	DECAL - TMMB - 10.5 YD	30386482
	1	DECAL - TMMB - 11 YD	30386483
	1	DECAL - TMMB - 12 YD	30386484
10	1	RUBBER RING NZ.60307200	60307200
11	24	SCREW RETAINER SKM 12-GT320	10129840
12	16	HHCS 1/2"-13 NC X 1 1/4" LG GRADE 5	30304024
13	2	BAR - SQUARE 5/8" MIN YIELD 58000 PSI	30389054
14	1	BRACKET ,MOUNT TOP, PLC BOX - P7300	98415934
15	1	BRACKET , MOUNT BOTTOM, PLC BOX - P7300	98415941
16	4	HHCS 1/2"-13NC X 1-1/2"LG. GR8	30314369
17	4	NUT - LOCK, 1/2"-13 NC NYLON	30307220

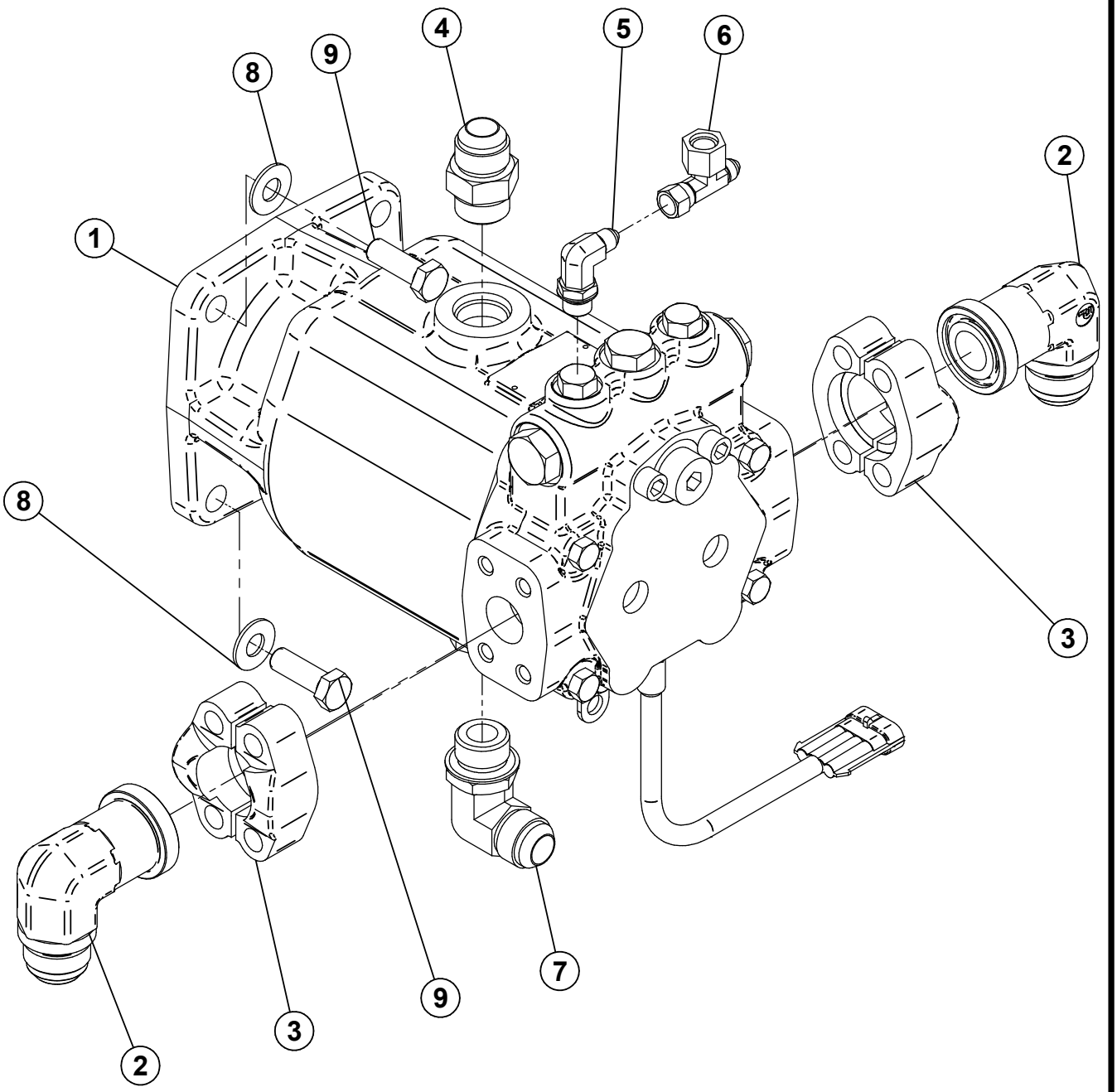
70102401



70102401 - ASSY, MOTOR, PMP, P7300

Item	Qty	Description	Part #
1	1	MOTOR, HYD, PMP	70101870
2	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
3	2	KIT - FLANGE 1" CODE 61	30307799
4	1	FITTING - HYD #12 37° X #10 ORB	30389269
5	1	FITTING - HYD 90° ELB #4 37° X #6 ORB	30389167
6	1	FITTING - HYD TEE, #4 37° X #4 37° X #4 FORB	98404186
7	1	FITTING - HYD, 90° #12 37° X #10 ORB	30389268
8	1	SENSOR, SPEED, PMP	70101871
9	4	SCREW RETAINER SKM 12-GT320	10129840
10	4	SCREW DIN 933 M 12 X 35-8.8-A2C	10001519

98416002

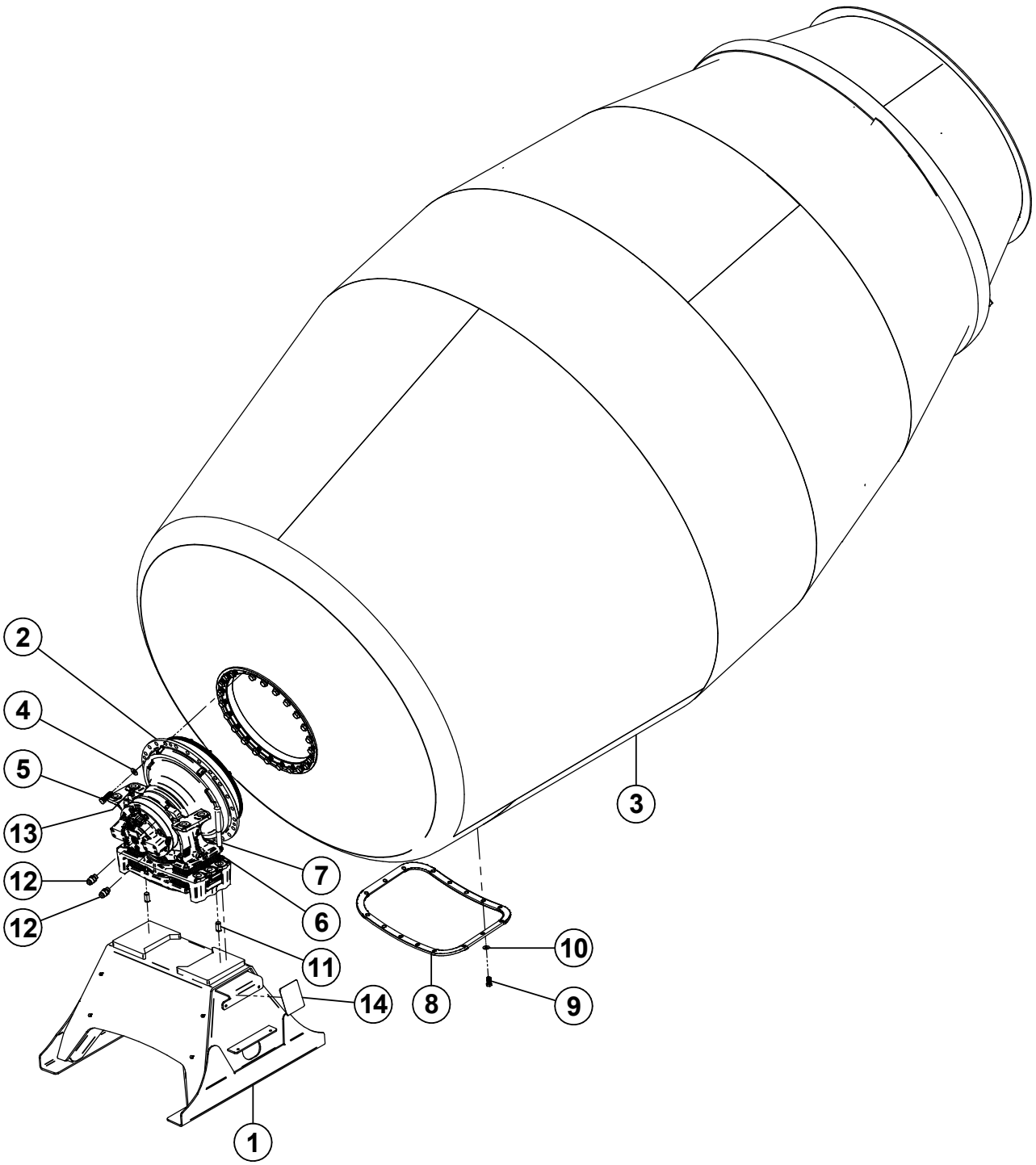


98416002 - ASSY MOTOR EATON

Item	Qty	Description	Part #
1	1	MOTOR, W/4 WIRE SPEED SENSOR	70101218
2	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 62	30309759
3	2	KIT - FLANGE 1" CODE 62	30309760
4	1	FITTING - HYD #12 37° X #12 SAE	30389210
5	1	FITTING - HYD 90° ELB #4 37° X #6 ORB	30389167
6	1	FITTING - HYD TEE, #4 37° X #4 37° X #4 FORB	98404186
7	1	FITTING - HYD, 90° #12 37° X #12 ORB	30389166
8	4	SCREW RETAINER SKM 12-GT320	10129840
9	4	SCREW DIN 933 M 12 X 35-8.8-A2C	10001519

DRUM INSTALL

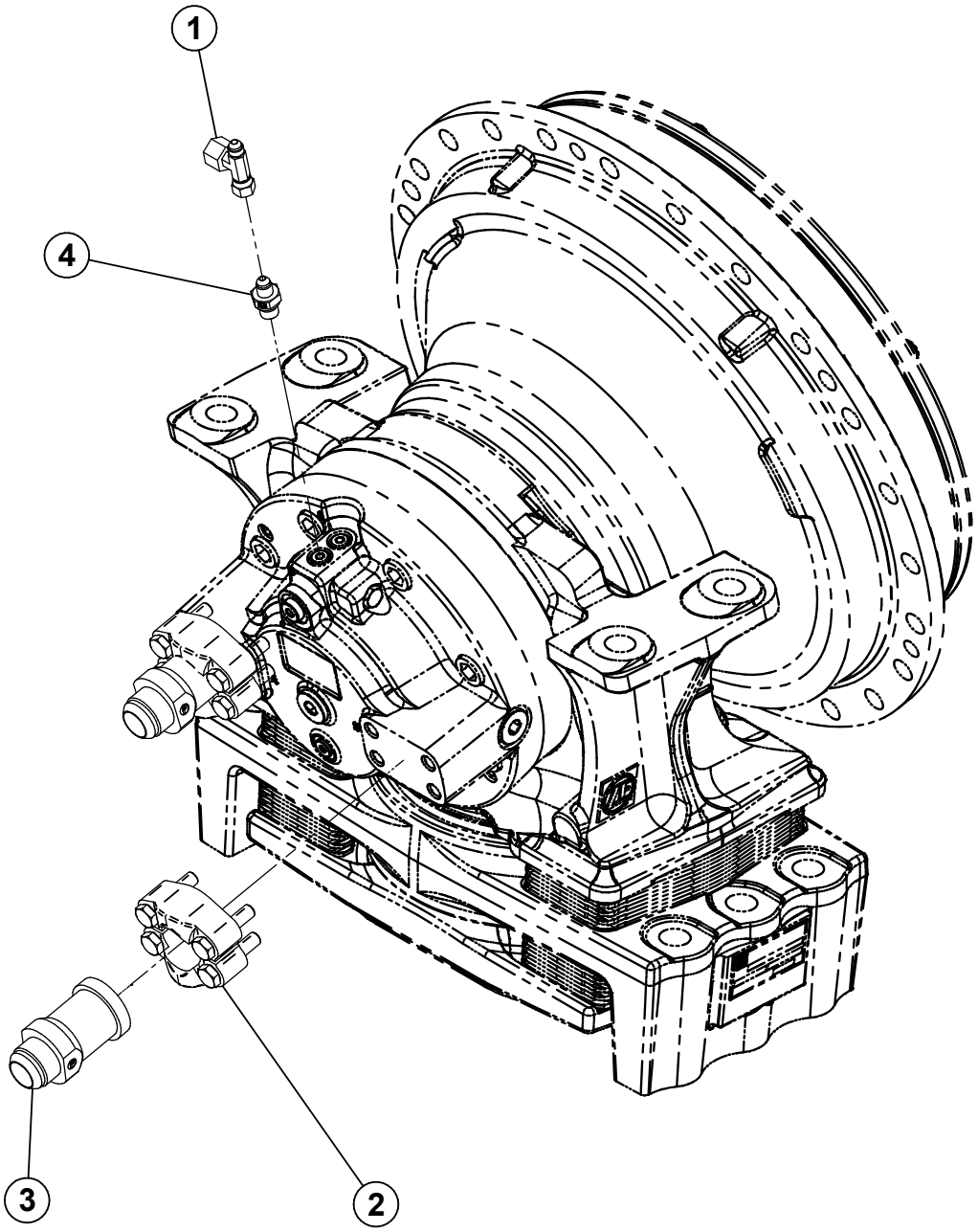
CML12



DRUM INSTALLATION, CML12

Item	Qty	Description	Part #
1	1	WMT - PEDESTAL MIXER	98389836
2	1	GEAR CML 12	98334203
3	1	WMT - 10 YD, L/S, DRUM W/HOLES	98397899
	1	WMT - 10 YD, S/H, DRUM	30386098
	1	WMT - 10 YD, H/H, DRUM, W/HOLES	98406975
	1	WMT - 10.5 YD, L/S, DRUM W/HOLES	98397521
	1	WMT - 10.5 YD, S/S, DRUM	30386652
	1	WMT - 10.5 YD, H/H, DRUM, W/HOLES	30386401
	1	WMT - 10.5 YD, S/H, DRUM W/HOLES	98372927
	1	WMT - 10.5 YD, DRUM W/HOLES	98406345
	1	WMT - 11 YD, L/S, DRUM W/HOLES	98397805
	1	WMT - 11 YD, S/S, DRUM	30386672
	1	WMT - 11 YD, H/H, DRUM	30386403
	1	WMT - 11 YD, S/H, DRUM W/HOLES	98388894
	1	WMT - 12 YD, L/S, DRUM W/HOLES	98397844
	1	WMT - 12 YD, S/S, DRUM W/HOLES	98418450
	1	WMT - 12 YD, S/H, DRUM W/HOLES	98390790
	1	WMT - 12 YD, H/H, DRUM, W/HOLES	30386405
4	24	SCREW RETAINER SKM 16-GT320	10133552
5	24	SCREW DIN 933 M 16 X 50-10.9-GT500	10001350
6	6	WASHER DIN 6916 21-C45-GT500	10001509
7	6	SCREW DIN 931 M 20 X170-10.9-GT500	10066257
8	1	RUBBER RING NZ.60307200	60307200
9	16	HHCS 1/2"-13 NC X 1-1/4" LG GR 5 FE/ZN5C	30304024
10	16	SCREW RETAINER SKM 12-GT320	10129840
11	2	PARALLEL PIN ISO 8734 20 M6X 40-ST	98337724
12	2	FITTING -ADAPTER,M22 ORB TO SAE #12	98391071
13	1	FITTING -HYD,ADAPTER,G1/8 TO SAE#4	98391076
14	1	DECAL - TMMB - 10 YD	30386481
	1	DECAL - TMMB - 10.5 YD	30386482
	1	DECAL - TMMB - 11 YD	30386483
	1	DECAL - TMMB - 12 YD	30386484

70101726



70101726 - ASSY HYD FITTINGS CML12

Item	Qty	Description	Part #
1	1	FITTING- HYD. TEE, #4 37° X #4 37° X #4ORBFEM	98404186
2	2	FLANGE KIT - 1”, CODE 62	30309760
3	2	FITTING - HYD. CODE 62 1”	98398432
4	1	FITTING - HYD. ADAPTER, G1/8 X #4 ORB	98391076

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3.0 Power

CONTROL TYPE MANUAL CCW

70102029 - ASSY, MANUAL, BSTR, CCW, PMP 51

70102030 - ASSY, MANUAL, CONV, CCW, PMP 53

CONTROL TYPE MANUAL CW

70102031 - ASSY, MANUAL, BSTR, CW, PMP 55

70102032 - ASSY, MANUAL, CONV, CW, PMP 57

CONTROL TYPE RE CCW

70102033 - ASSY, RE, BSTR, CCW, PMP 59

70102034 - ASSY, RE, CONV, CCW, PMP 61

CONTROL TYPE RE CW

70102035 - ASSY, RE, BSTR, CW, PMP 63

70102036 - ASSY, RE, CONV, CW, PMP 65

CONTROL TYPE PE CCW

70102039 - ASSY, PE, BSTR, CCW, PMP 67

70102040 - ASSY, PE, CONV, CCW, PMP 69

70102324 - ASSY, PE, RESULTS, CCW 71

CONTROL TYPE PE CW

70102038 - ASSY, PE, BSTR, CW, PMP 73

70102037 - ASSY, PE, CONV, CW, PMP 75

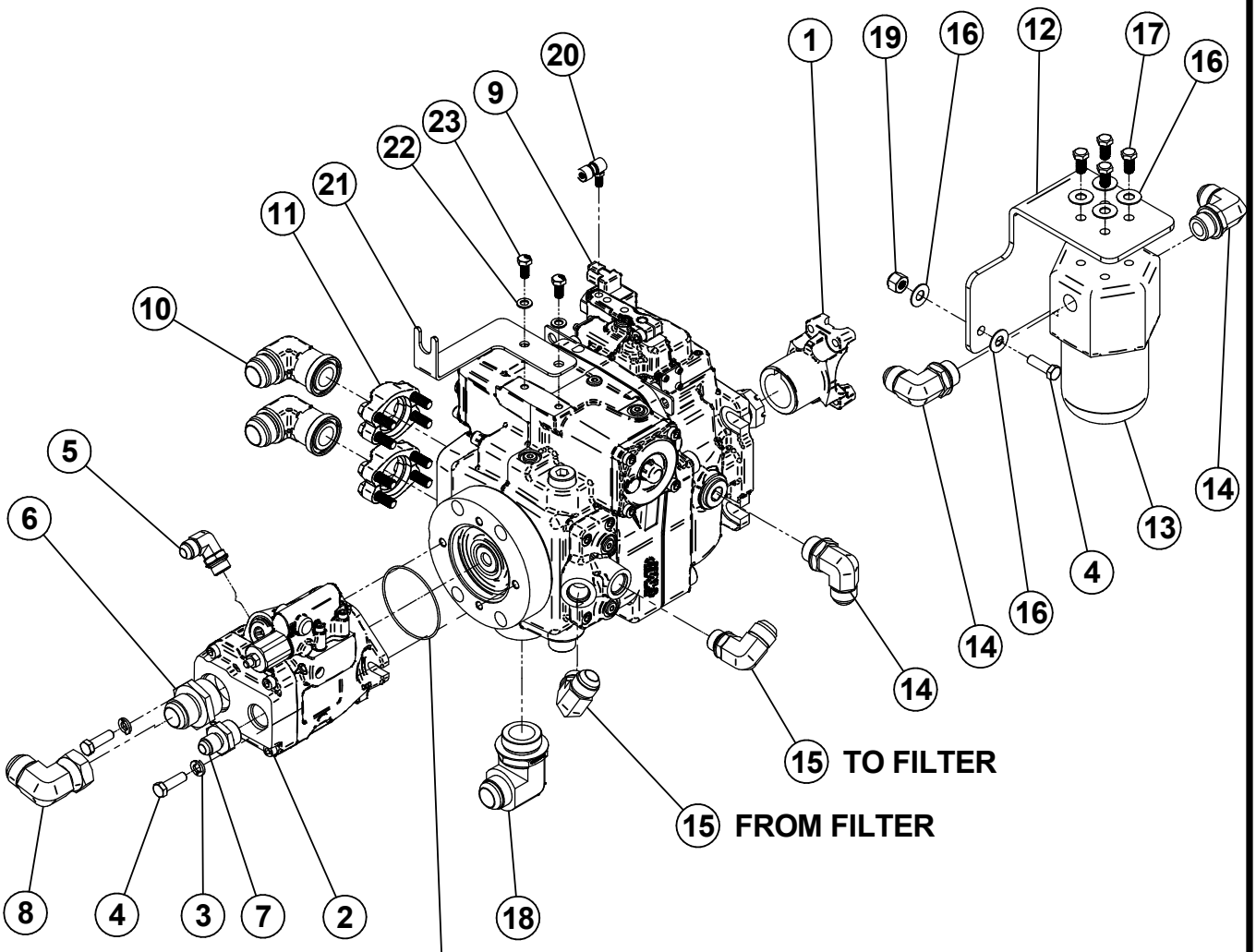
98407336 - ASSY BOOSTER EP EATON 77

70102400 - ASSY, PE, RESULTS, CW 79

98404577 - ASSY MANUAL START/STOP VALVE 81

PTO SHAFT 82

70102029

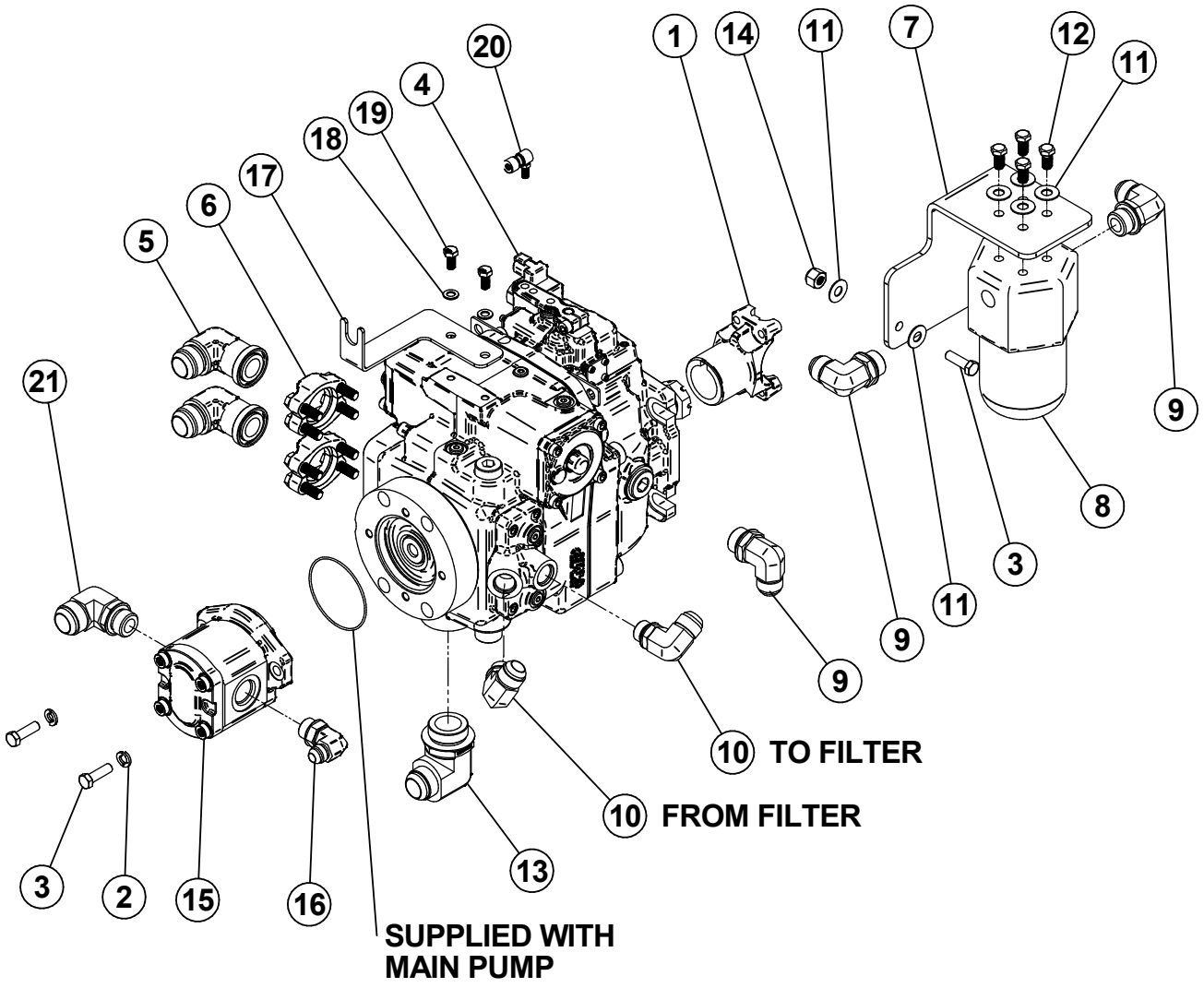


ITEM #24 NOT SHOWN

70102029 - ASSY, MANUAL, BSTR, CCW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	1	PUMP, BOOSTER CCW, REX	70101231
3	2	WASHER, SPLIT LOCK, 3/8”	30302568
4	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
5	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
6	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
7	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
8	1	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
9	1	PUMP, HYD, PMP, CCW, CABLE	70101869
10	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
11	2	KIT - FLANGE 1" CODE 61	30307799
12	1	PLT - PMP FILTER MOUNT	70102044
13	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
14	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
15	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
16	8	WASHER, FLAT, 3/8”	30302130
17	4	HHCS, 3/8”-16 X 3/4	70101691
18	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
19	2	NUT, NYLOCK 3/8”-16	30389195
20	1	PARTS - BALL JOINT, FEMALE 1/4”-28	30389315
21	1	PLT - PMP CABLE MOUNT	70102263
22	2	WASHER, M8	70101861
23	2	SCREW, M8 X 18	98452541
24	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102030

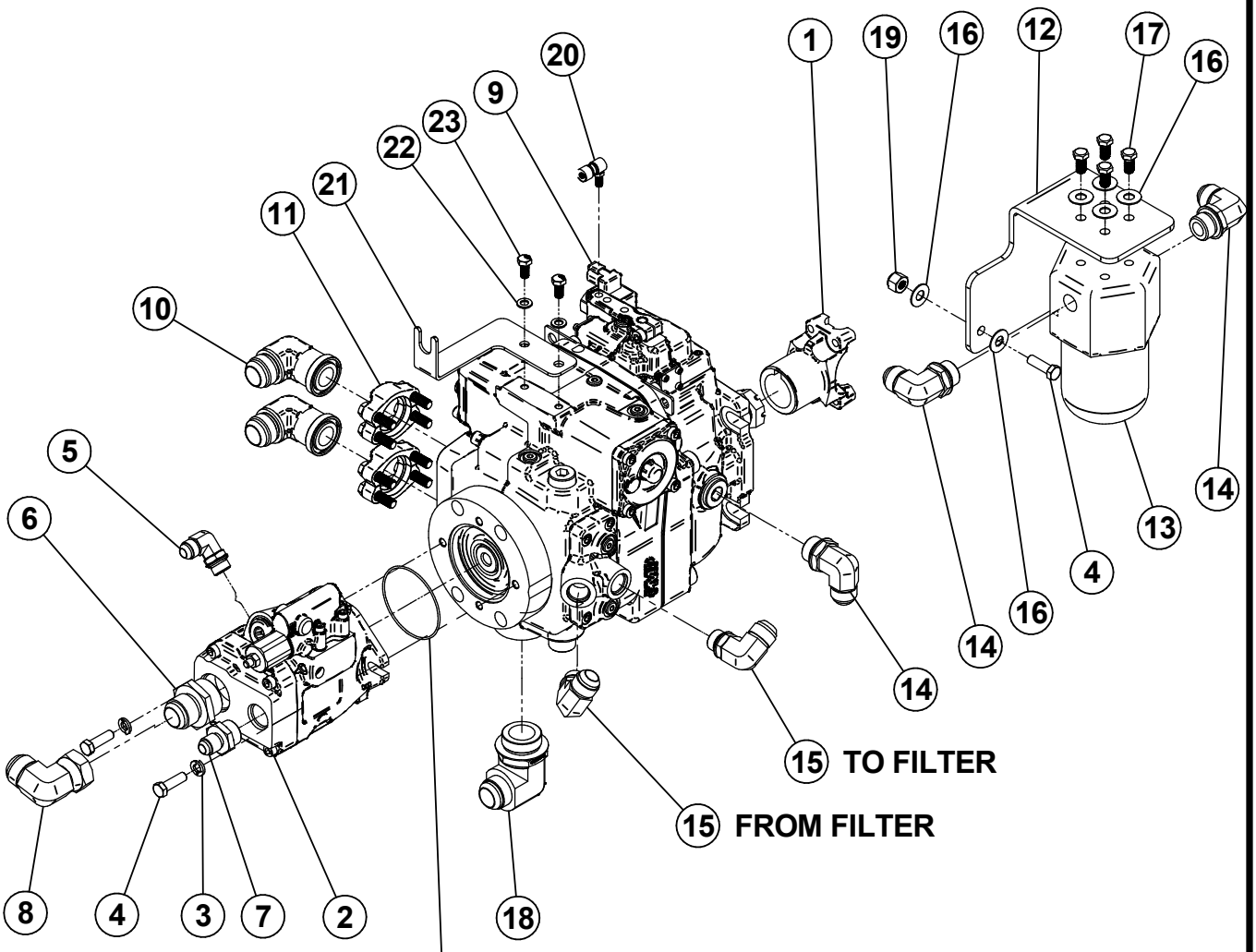


ITEM #22 NOT SHOWN

70102030 - ASSY, MANUAL, CONV, CCW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	1	PUMP, HYD, PMP, CCW, CABLE	70101869
5	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
6	2	KIT - FLANGE 1" CODE 61	30307799
7	1	PLT - PMP FILTER MOUNT	70102044
8	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
9	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
10	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
11	8	WASHER, FLAT, 3/8”	30302130
12	4	HHCS, 3/8”-16 X 3/4	70101691
13	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
14	2	NUT, NYLOCK 3/8”-16	30389195
15	1	PUMP - HYD, GEAR CHUTE CY	70101936
	1	PUMP - HYD, GEAR CHUTE CYL COUNTER CLOCK	30389203
16	1	FITTING - HYD, ELBOW #10 SAE X #8 FLARE	30389390
17	1	PLT - PMP CABLE MOUNT	70102263
18	2	WASHER, M8	70101861
19	2	SCREW, M8 X 18	98452541
20	1	PARTS - BALL JOINT, FEMALE 1/4”-28	30389315
21	1	FITTING - HYD, ELBOW #16 37° TO #12 SAE	70102220
22	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102031

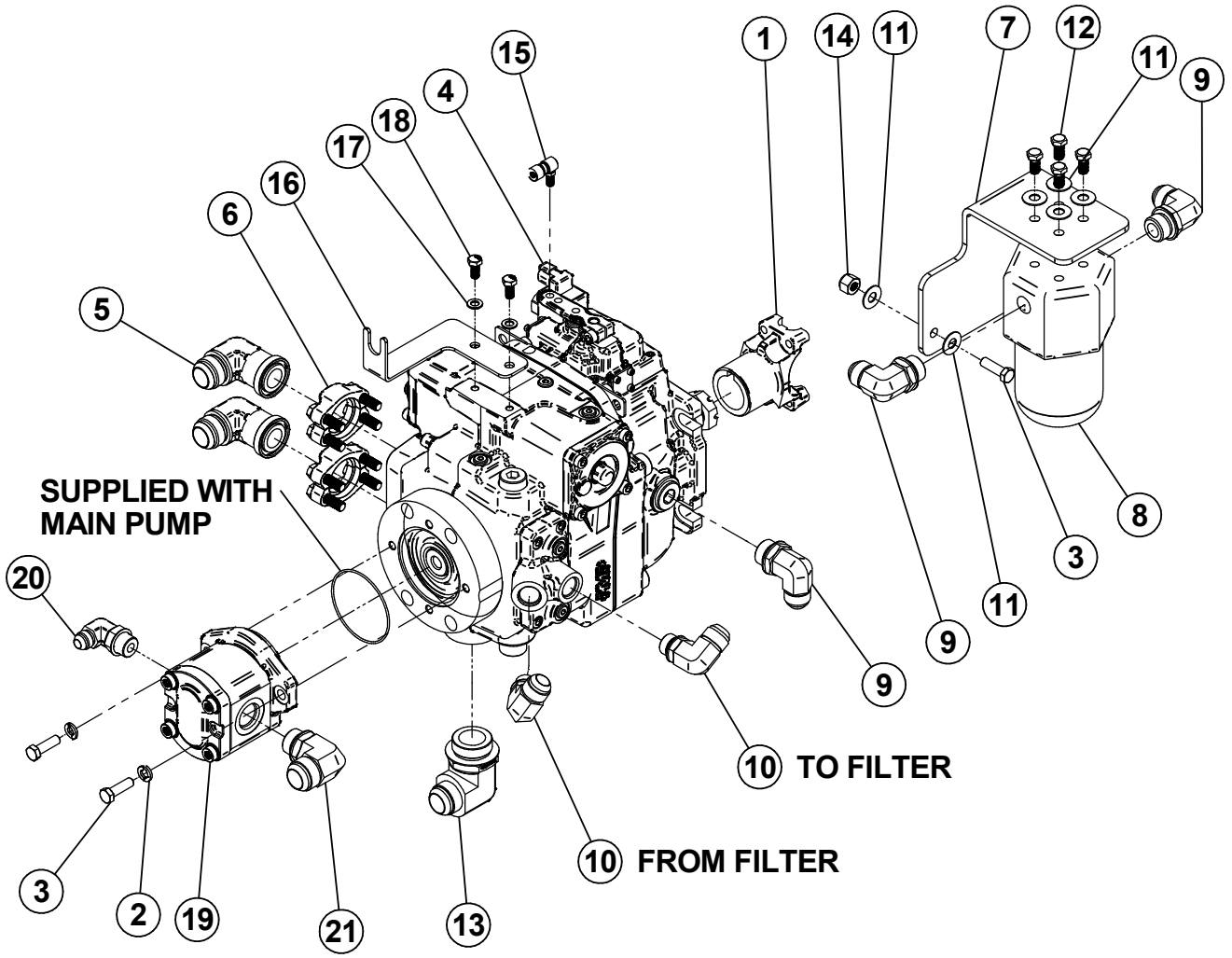


ITEM #24 NOT SHOWN

70102031 - ASSY, MANUAL, BSTR, CW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	1	PUMP - HYD, REAR PORTED BOOSTER AXLE	98397349
3	2	WASHER, SPLIT LOCK, 3/8”	30302568
4	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
5	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
6	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
7	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
8	1	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
9	1	PUMP, HYD, PMP, CW, CABLE	70101868
10	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
11	2	KIT - FLANGE 1" CODE 61	30307799
12	1	PLT - PMP FILTER MOUNT	70102044
13	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
14	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
15	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
16	8	WASHER, FLAT, 3/8”	30302130
17	4	HHCS, 3/8”-16 X 3/4	70101691
18	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
19	2	NUT, NYLOCK 3/8”-16	30389195
20	1	PARTS - BALL JOINT, FEMALE 1/4”-28	30389315
21	1	PLT - PMP CABLE MOUNT	70102263
22	2	WASHER, M8	70101861
23	2	SCREW, M8 X 18	98452541
24	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

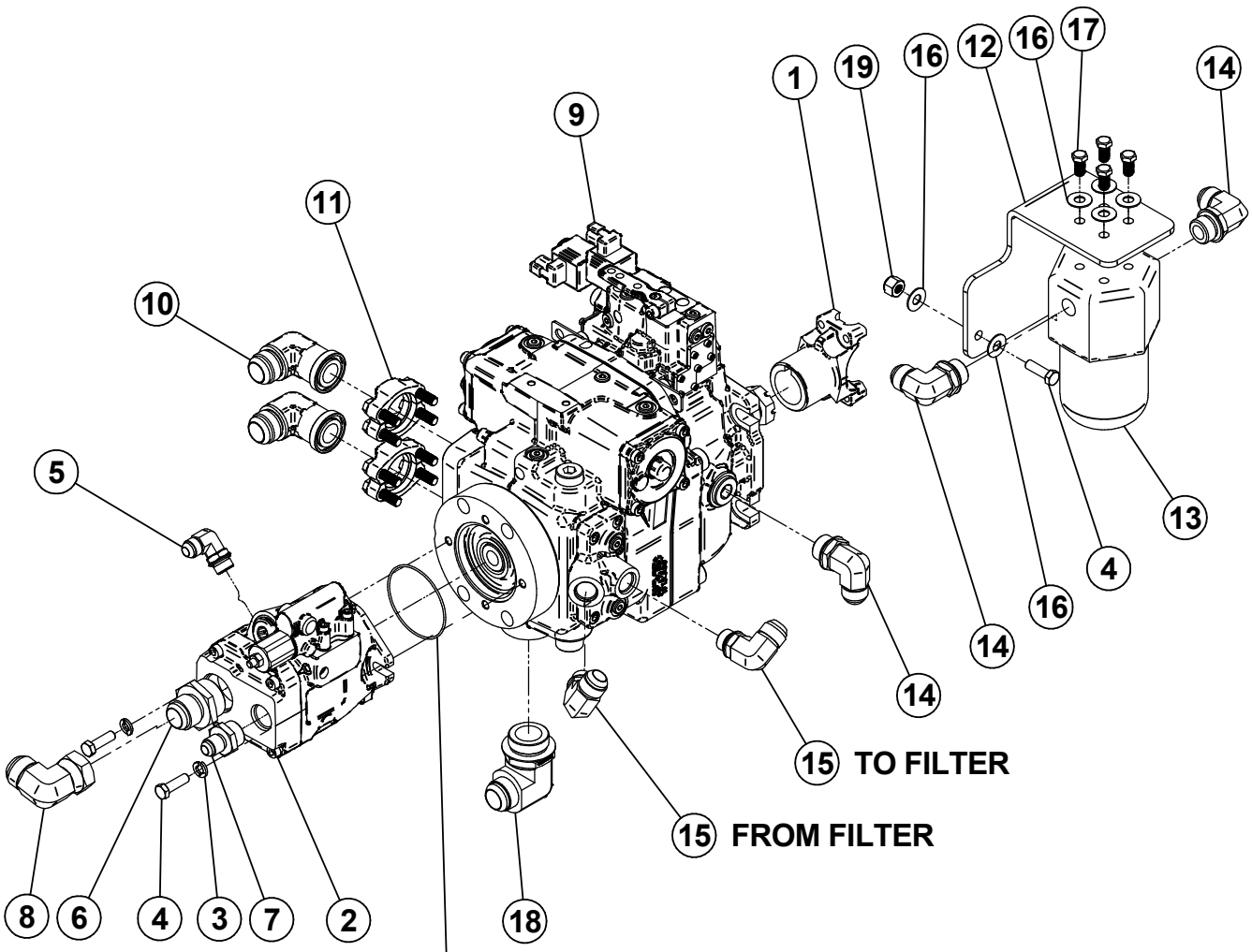
70102032


SUPPLIED WITH
MAIN PUMP
TO FILTER
FROM FILTER
ITEM #22 NOT SHOWN

70102032 - ASSY, MANUAL, CONV, CW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	1	PUMP, HYD, PMP, CW, CABLE	70101868
5	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
6	2	KIT - FLANGE 1" CODE 61	30307799
7	1	PLT - PMP FILTER MOUNT	70102044
8	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
9	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
10	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
11	8	WASHER, FLAT, 3/8”	30302130
12	4	HHCS, 3/8”-16 X 3/4	70101691
13	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
14	2	NUT, NYLOCK 3/8”-16	30389195
15	1	PARTS - BALL JOINT, FEMALE 1/4”-28	30389315
16	1	PLT - PMP CABLE MOUNT	70102263
17	2	WASHER, M8	70101861
18	2	SCREW, M8 X 18	98452541
19	1	PUMP, HYD, GEAR CHUTE CY	70101935
	1	PUMP - HYD, GEAR CHUTE CLOCKWISE ROTAT	30389206
20	1	FITTING - HYD, ELBOW #10 SAE X #8 FLARE	30389390
21	1	FITTING - HYD, ELBOW #16 37° TO #12 SAE	70102220
22	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102033

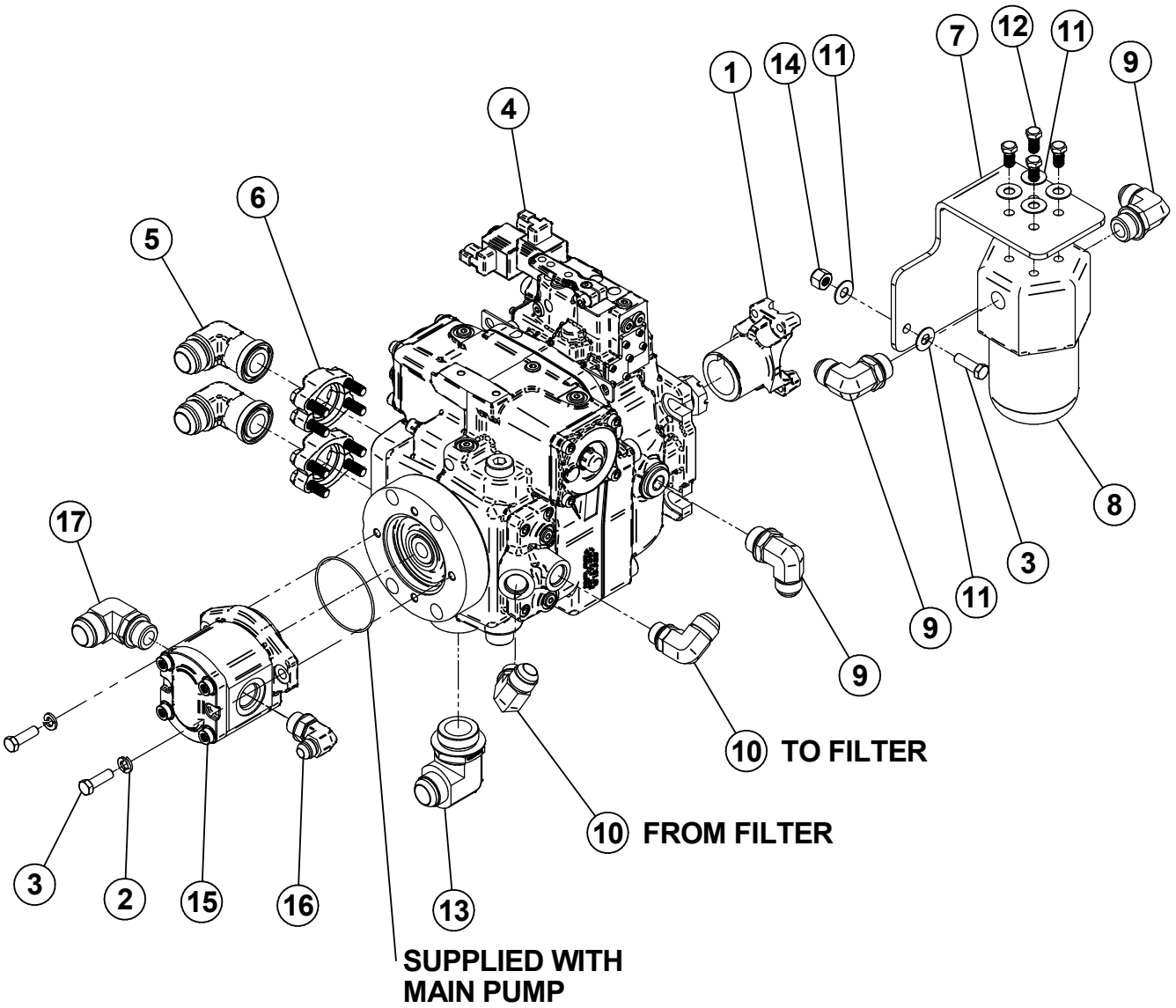


ITEM #20 NOT SHOWN

70102033 - ASSY, RE, BSTR, CCW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	1	PUMP, BOOSTER CCW, REX	70101231
3	2	WASHER, SPLIT LOCK, 3/8”	30302568
4	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
5	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
6	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
7	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
8	1	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
9	1	PUMP, HYD, PMP, CCW, RE	70101867
10	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
11	2	KIT - FLANGE 1" CODE 61	30307799
12	1	PLT - PMP FILTER MOUNT	70102044
13	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
14	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
15	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
16	8	WASHER, FLAT, 3/8”	30302130
17	4	HHCS, 3/8”-16 X 3/4	70101691
18	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
19	2	NUT, NYLOCK 3/8”-16	30389195
20	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102034

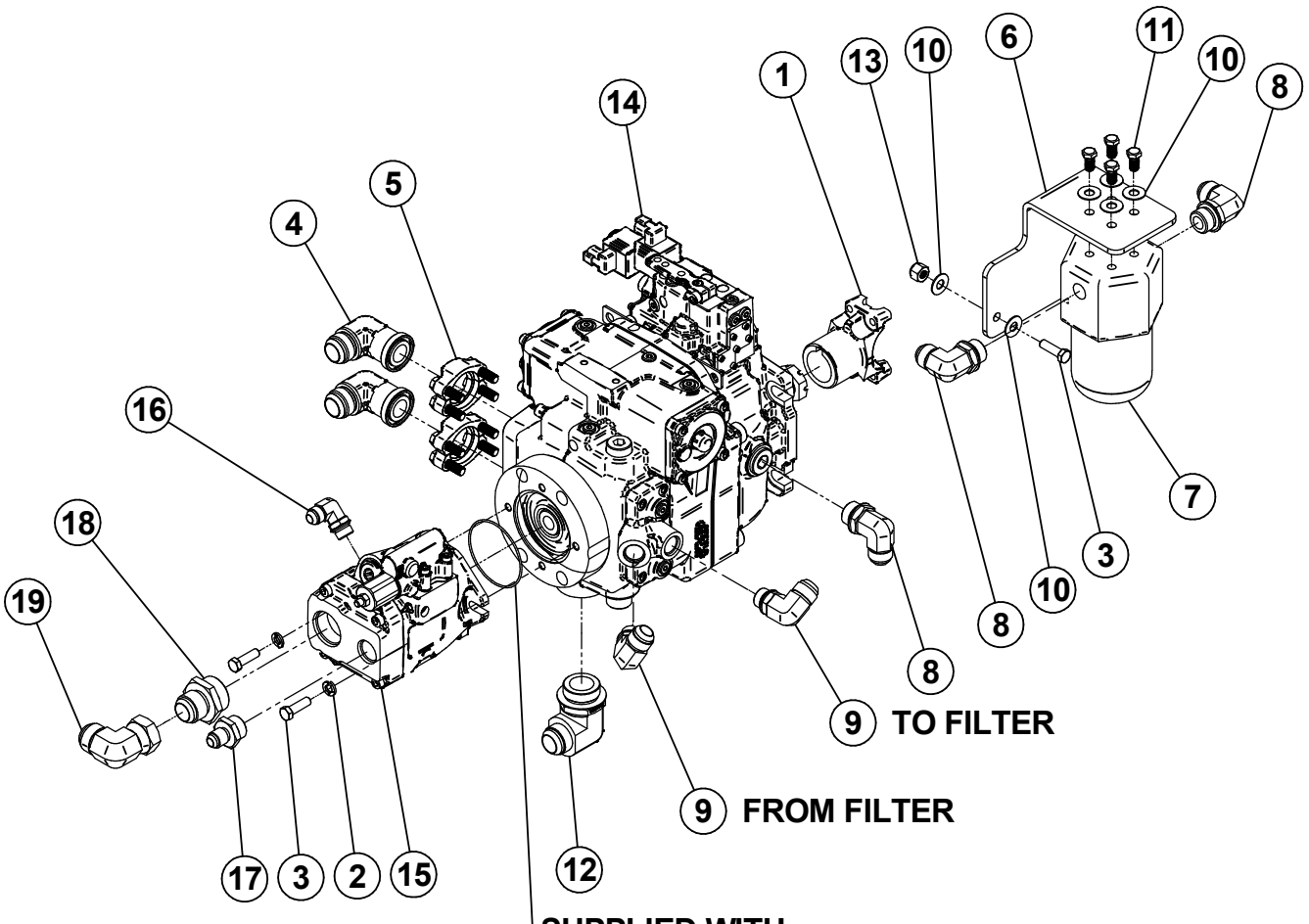


ITEM #18 NOT SHOWN

70102034 - ASSY, RE, CONV, CCW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	1	PUMP, HYD, PMP, CCW, RE	70101867
5	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
6	2	KIT - FLANGE 1" CODE 61	30307799
7	1	PLT - PMP FILTER MOUNT	70102044
8	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
9	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
10	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
11	8	WASHER, FLAT, 3/8”	30302130
12	4	HHCS, 3/8”-16 X 3/4	70101691
13	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
14	2	NUT, NYLOCK 3/8”-16	30389195
15	1	PUMP - HYD, GEAR CHUTE CY	70101936
	1	PUMP - HYD, GEAR CHUTE CYL COUNTER CLOCK	30389203
16	1	FITTING - HYD, ELBOW #10 SAE X #8 FLARE	30389390
17	1	FITTING - HYD, ELBOW #16 37° TO #12 SAE	70102220
18	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102035

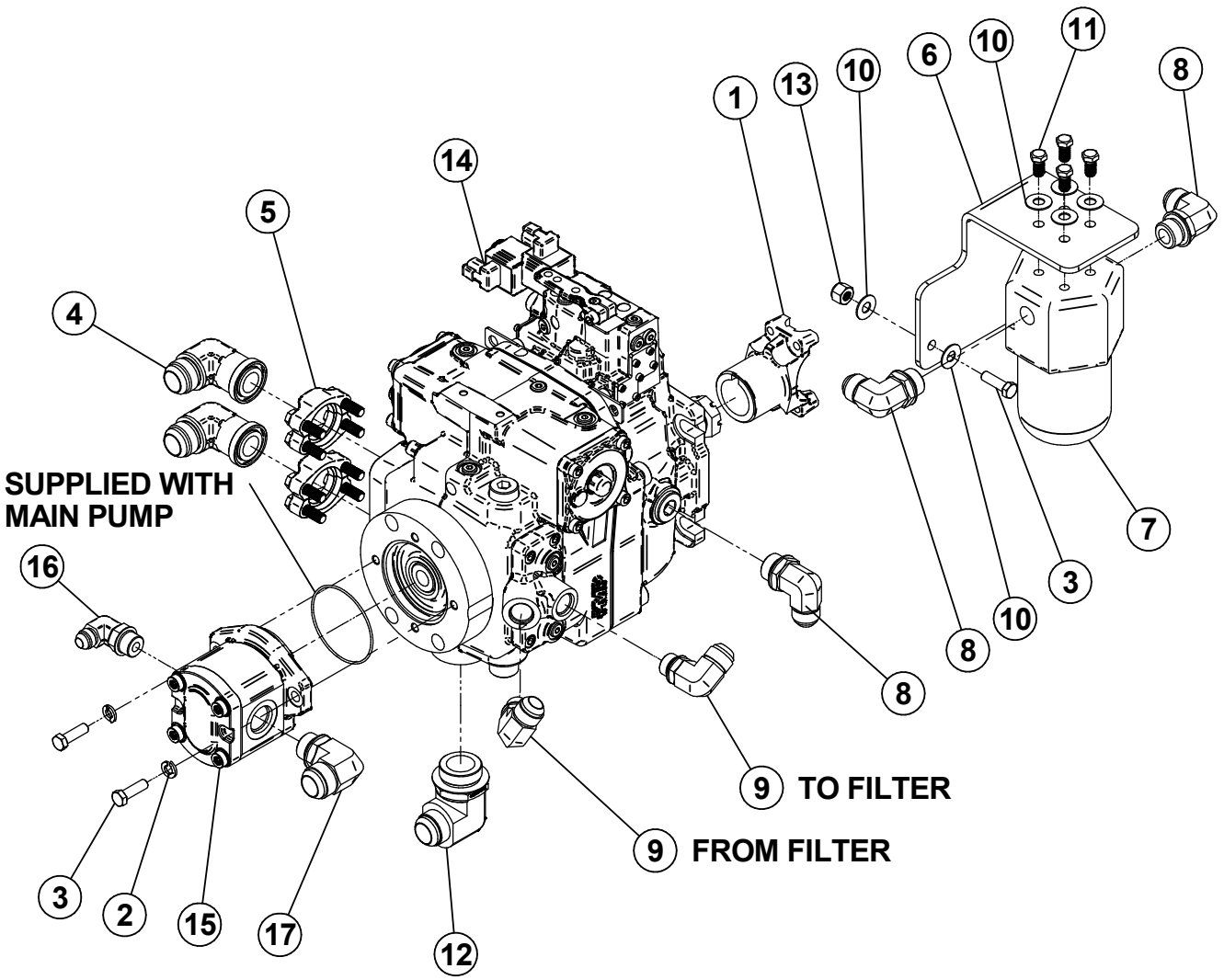


ITEM #20 NOT SHOWN

70102035 - ASSY, RE, BSTR, CW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
5	2	KIT - FLANGE 1" CODE 61	30307799
6	1	PLT - PMP FILTER MOUNT	70102044
7	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
8	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
9	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
10	8	WASHER, FLAT, 3/8”	30302130
11	4	HHCS, 3/8”-16 X 3/4	70101691
12	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
13	2	NUT, NYLOCK 3/8”-16	30389195
14	1	PUMP, HYD, PMP, CW, RE	70101866
15	1	PUMP - HYD, REAR PORTED BOOSTER AXLE	98397349
16	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
17	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
18	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
19	1	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
20	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102036

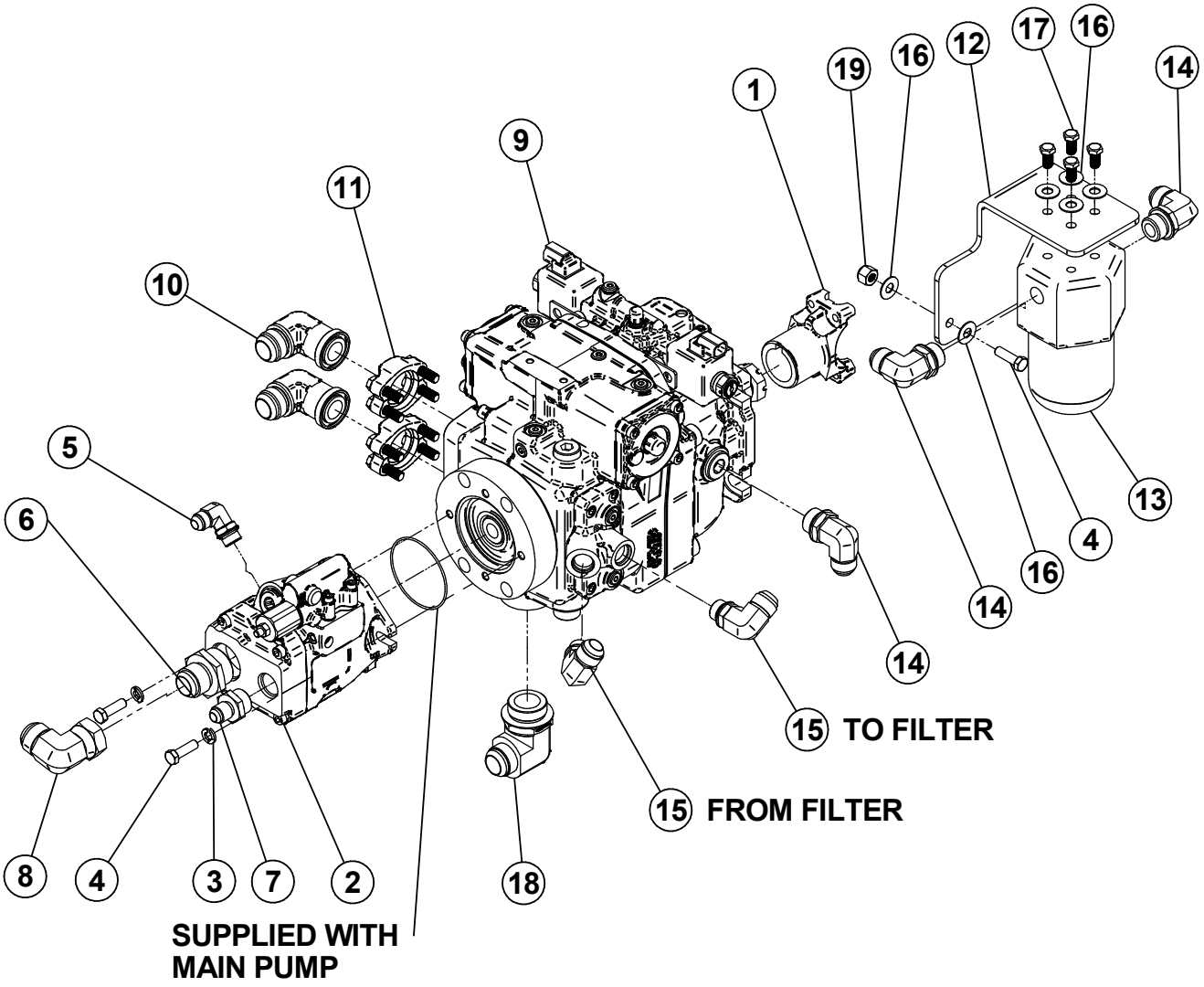


ITEM #18 NOT SHOWN

70102036 - ASSY, RE, CONV, CW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
5	2	KIT - FLANGE 1" CODE 61	30307799
6	1	PLT - PMP FILTER MOUNT	70102044
7	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
8	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
9	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
10	8	WASHER, FLAT, 3/8”	30302130
11	4	HHCS, 3/8”-16 X 3/4	70101691
12	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
13	2	NUT, NYLOCK 3/8”-16	30389195
14	1	PUMP, HYD, PMP, CW, RE	70101866
15	1	PUMP - HYD, GEAR CHUTE CY	70101935
	1	PUMP - HYD, GEAR CHUTE CLOCKWISE ROTAT	30389206
16	1	FITTING - HYD, ELBOW #10 SAE X #8 FLARE	30389390
17	1	FITTING - HYD, ELBOW #16 37° TO #12 SAE	70102220
18	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102039

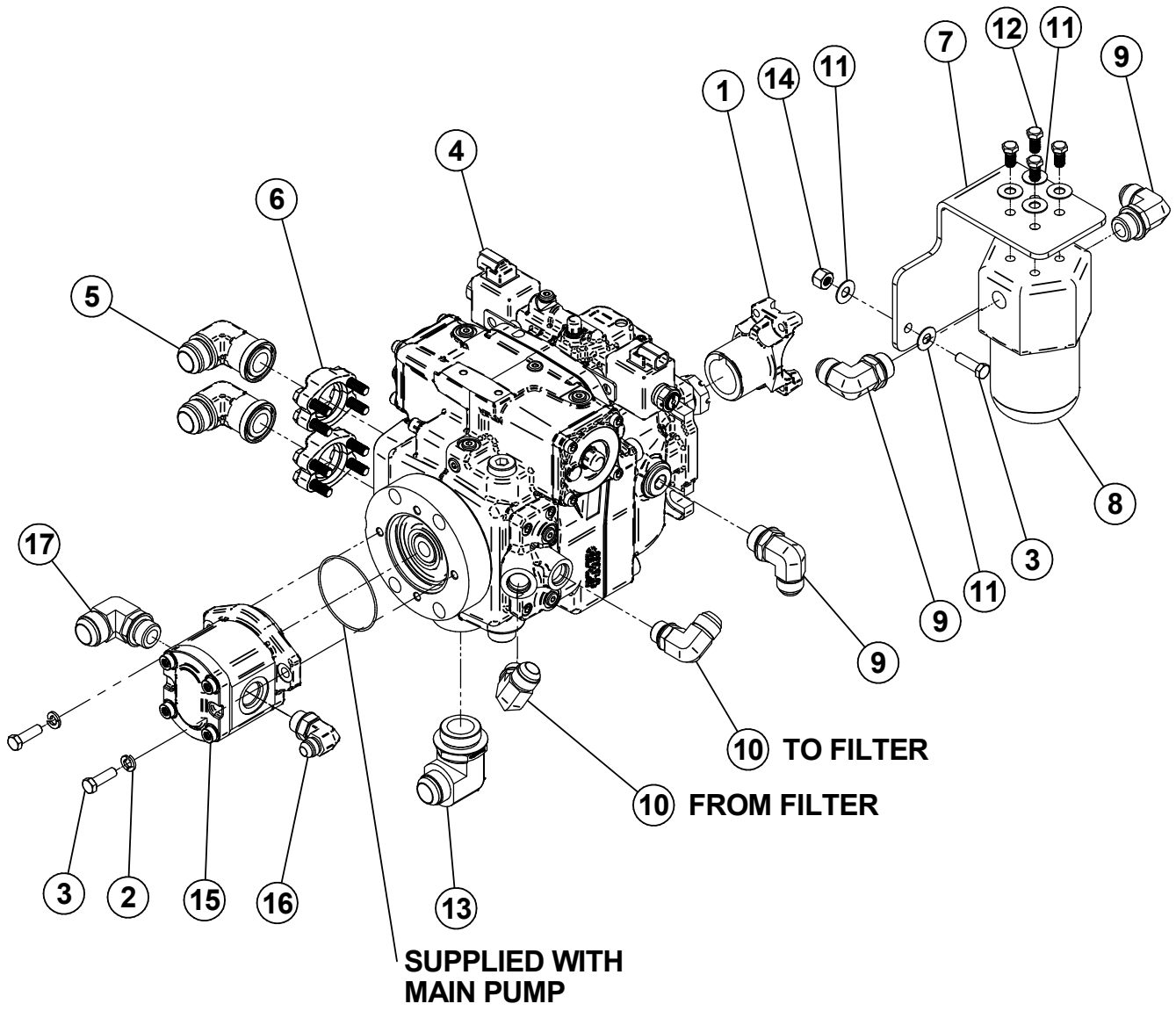


ITEM #20 NOT SHOWN

70102039 - ASSY, PE, BSTR, CCW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	1	PUMP, BOOSTER CCW, REX	70101231
3	2	WASHER, SPLIT LOCK, 3/8”	30302568
4	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
5	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
6	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
7	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
8	1	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
9	1	PUMP, HYD, PMP, CCW, PE	70101865
10	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
11	2	KIT - FLANGE 1" CODE 61	30307799
12	1	PLT - PMP FILTER MOUNT	70102044
13	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
14	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
15	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
16	8	WASHER, FLAT, 3/8”	30302130
17	4	HHCS, 3/8”-16 X 3/4	70101691
18	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
19	2	NUT, NYLOCK 3/8”-16	30389195
20	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102040

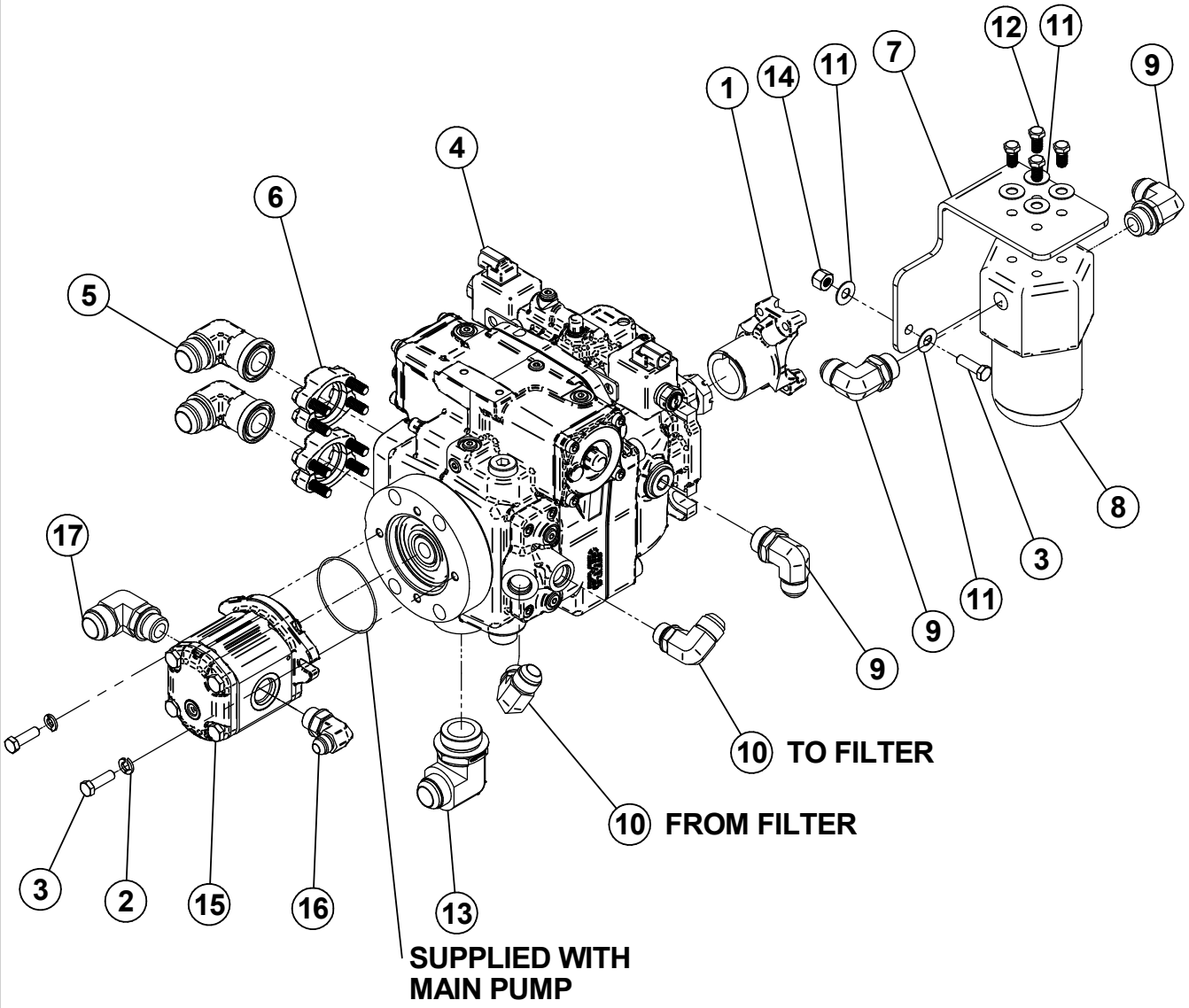


ITEM #18 NOT SHOWN

70102040 - ASSY, PE, CONV, CCW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	1	PUMP, HYD, PMP, CCW, PE	70101865
5	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
6	2	KIT - FLANGE 1" CODE 61	30307799
7	1	PLT - PMP FILTER MOUNT	70102044
8	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
9	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
10	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
11	8	WASHER, FLAT, 3/8”	30302130
12	4	HHCS, 3/8”-16 X 3/4	70101691
13	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
14	2	NUT, NYLOCK 3/8”-16	30389195
15	1	PUMP - HYD, GEAR CHUTE CY	70101936
	1	PUMP - HYD, GEAR CHUTE CYL COUNTER CLOCK	30389203
16	1	FITTING - HYD, ELBOW #10 SAE X #8 FLARE	30389390
17	1	FITTING - HYD, ELBOW #16 37° TO #12 SAE	70102220
18	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102324

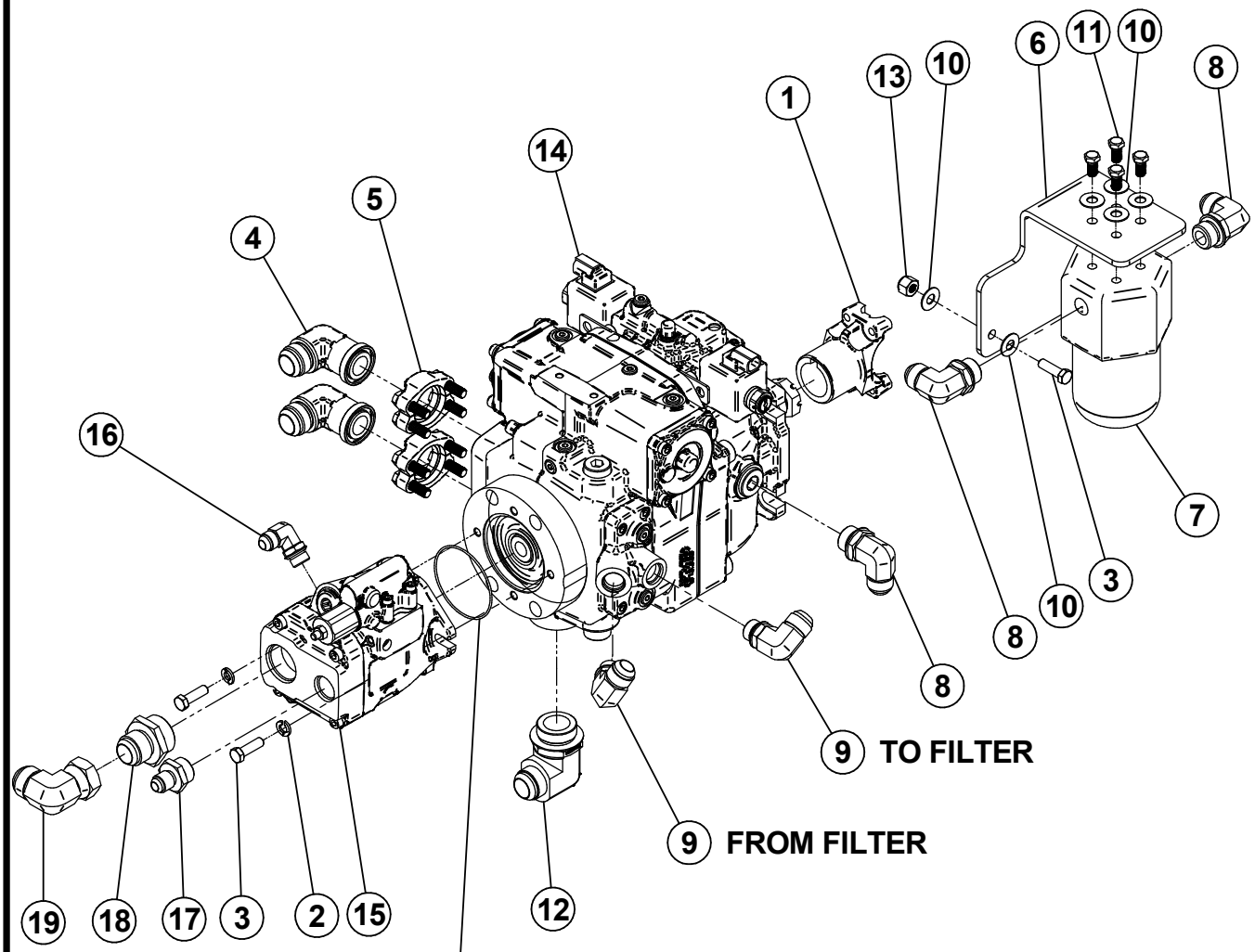


ITEM #18 NOT SHOWN

70102324 - ASSY, PE, RESULTS, CCW

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5” TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	HHCS, 3/8-16 X 1 1/4, GR 5, ZP	30302817
4	1	PUMP, HYD, PMP, CCW, PE	70101865
5	2	FITTING - HYD, ELB 90 DEG 1” FLANGE 61	30389370
6	2	KIT - FLANGE, 1” CODE 61 - 5151HK-16	30307799
7	1	PLT - PMP FILTER MOUNT	70102044
8	1	ASSY-CHARGE FILTER, DRUM DRIVE	70102042
9	3	FITTING - HYD 90° ELB #12 37° X #12 ORB	30389166
10	2	FITTING - HYD 90° ELB #12 37° X #10 ORB	30389269
11	8	WASHER, FLAT, 3/8, ZP	30302130
12	4	HHCS, 3/8-16 X 3/4, GR 5 ZP	70101691
13	1	FITTING HYD 16 MJIC-20 ORB 90	70102177
14	2	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
15	1	PUMP, AUX CCW	70101812
16	1	FITTING, HYD. 90 DEG. ELB #8 37 JIC X #10 ORB	30389390
17	1	FITTING-HYD #16 37°X#12 ORBX90	70102220
18	2	HOSE - HYD SAE 12/12 X 33.5” - 3500 PSI	98333548

70102038

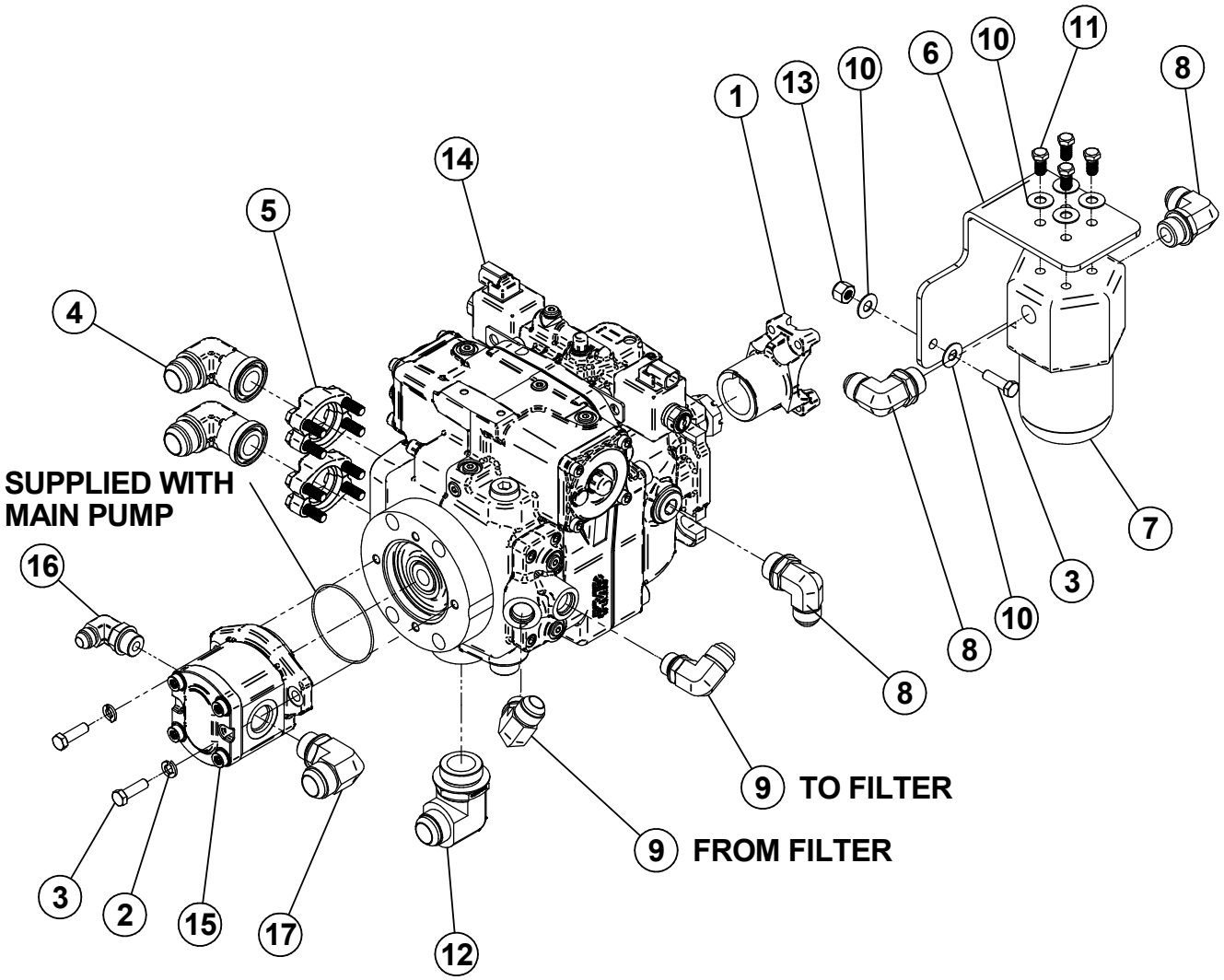


ITEM #20 NOT SHOWN

70102038 - ASSY, PE, BSTR, CW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
5	2	KIT - FLANGE 1" CODE 61	30307799
6	1	PLT - PMP FILTER MOUNT	70102044
7	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
8	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
9	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
10	8	WASHER, FLAT, 3/8”	30302130
11	4	HHCS, 3/8”-16 X 3/4	70101691
12	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
13	2	NUT, NYLOCK 3/8”-16	30389195
14	1	PUMP, HYD, PMP, CW, PE	70101864
15	1	PUMP - HYD, REAR PORTED BOOSTER AXLE	98397349
16	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
17	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
18	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
19	1	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
20	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

70102037

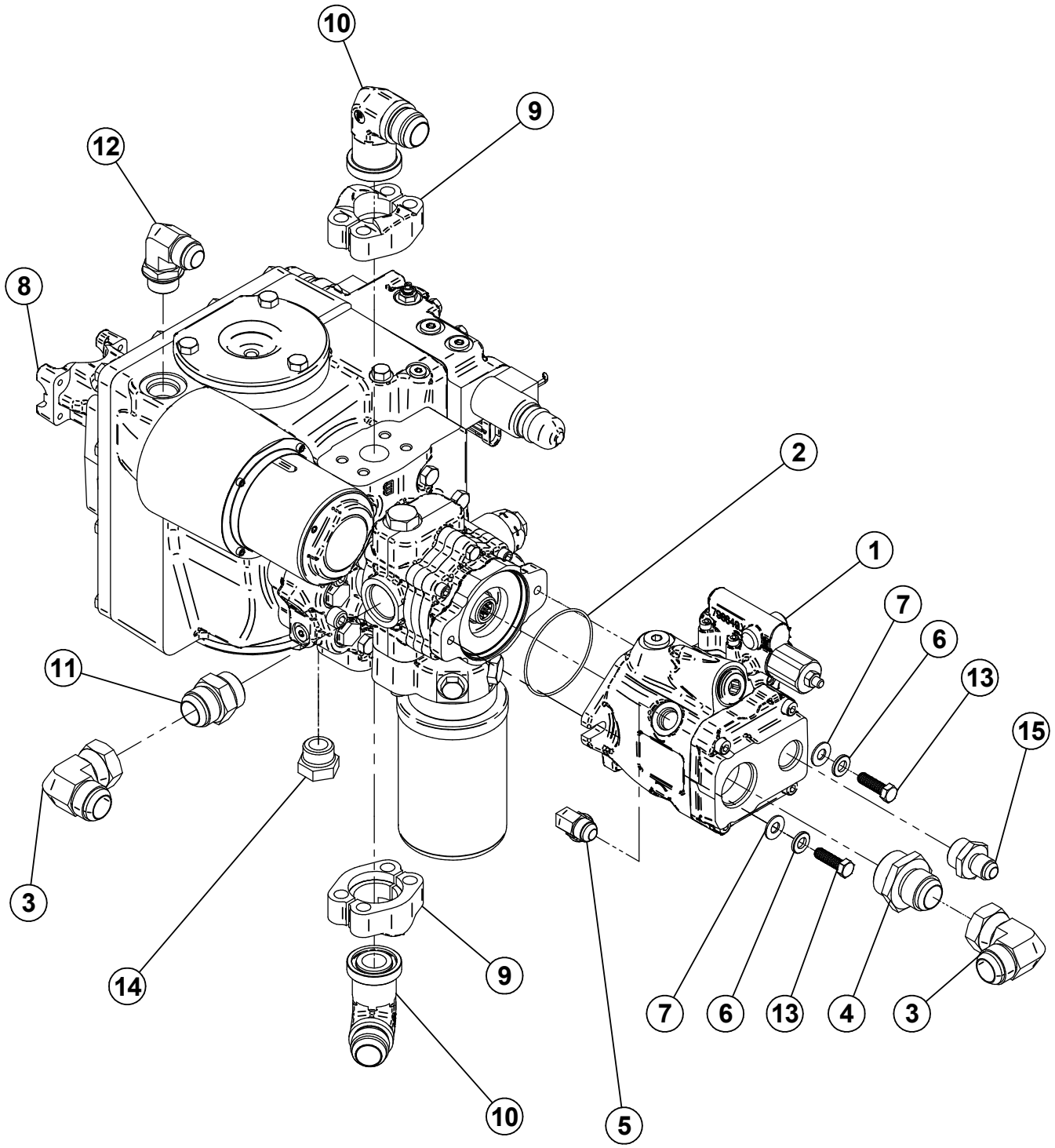


ITEM #18 NOT SHOWN

70102037 - ASSY, PE, CONV, CW, PMP

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5" TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
4	2	FITTING - HYD, ELB 90 DEG 1" FLANGE 61	30389370
5	2	KIT - FLANGE 1" CODE 61	30307799
6	1	PLT - PMP FILTER MOUNT	70102044
7	1	ASSY - CHARGE FILTER, DRUM DRIVE	70102042
8	3	FITTING - HYD, ELBOW #12 SAE X #12 37°	30389166
9	2	FITTING - HYD, ELBOW #10 SAE X #12 37°	30389269
10	8	WASHER, FLAT, 3/8”	30302130
11	4	HHCS, 3/8”-16 X 3/4	70101691
12	1	FITTING - HYD, ELBOW #20 SAE X #16 37°	70102177
13	2	NUT, NYLOCK 3/8”-16	30389195
14	1	PUMP, HYD, PMP, CW, PE	70101864
15	1	PUMP - HYD, GEAR CHUTE CY	70101935
	1	PUMP - HYD, GEAR CHUTE CLOCKWISE ROTAT	30389206
16	1	FITTING - HYD, ELBOW #10 SAE X #8 FLARE	30389390
17	1	FITTING - HYD, ELBOW #16 37° TO #12 SAE	70102220
18	2	HOSE - HYD SAE 12/12 X 33.5” -3500 PSI	98333548

98407336

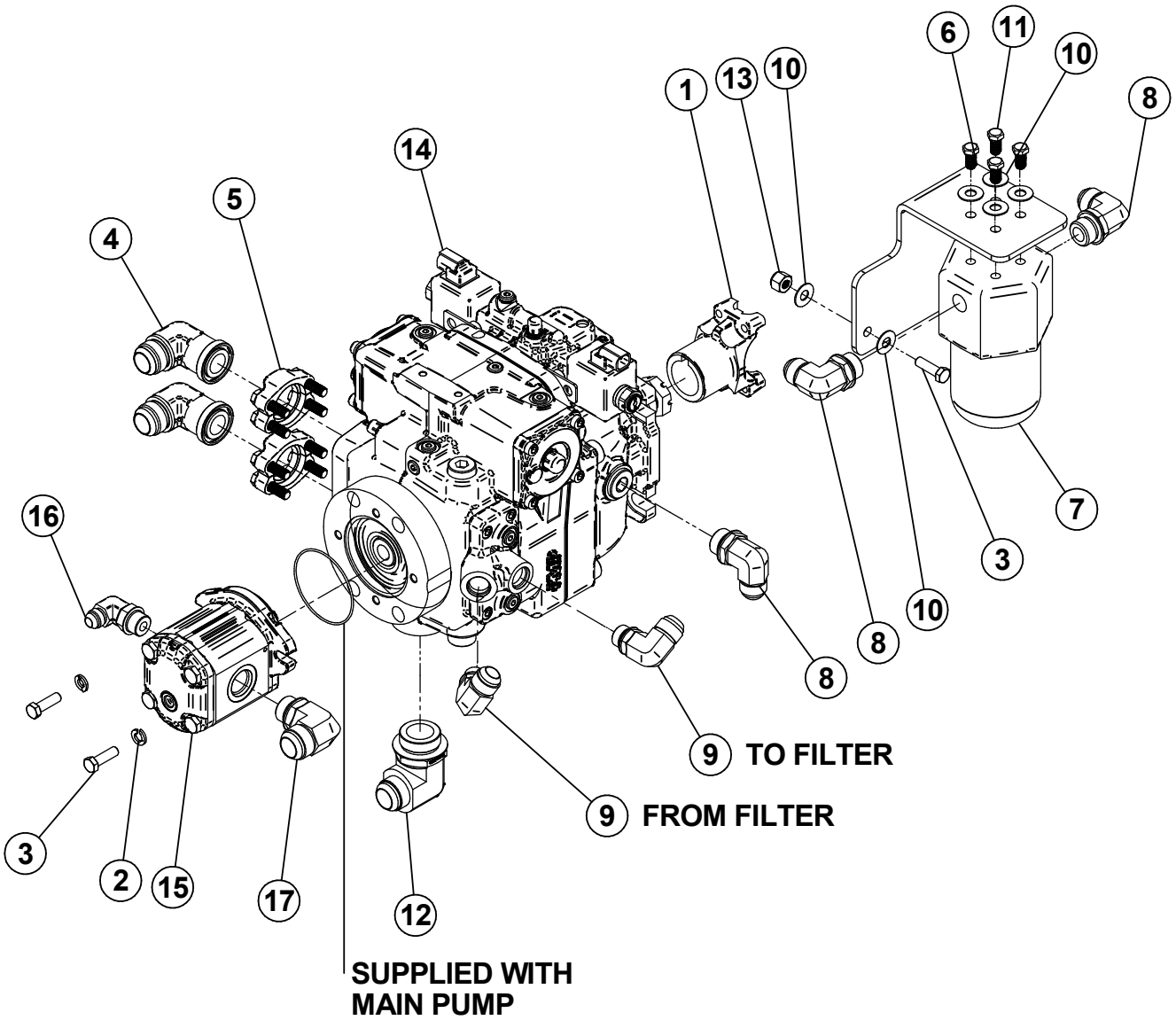


ITEM #16 NOT SHOWN

98407336 - ASSY BOOSTER EP EATON

Item	Qty	Description	Part #
1	1	PUMP - HYD, REAR PORTED BOOSTER AXLE	98397349
2	1	O-RING 79 X 2 NBR 70	10042863
3	2	FITTING - HYD, ELBOW #16 37° SWIV X #16 37°	30389486
4	1	FITTING - HYD, STR #20 SAE X #16 37°	98324110
5	1	FITTING - HYD, ELBOW #8 SAE X #8 37°	30389462
6	2	WASHER DIN 125 B 10.5-140HV-A2C	10011143
7	2	SCREW RETAINER SKM 10-GT320	10129841
8	1	PUMP, HYD, EATON, CW	70101200
9	2	FLANGE KIT - 1”, CODE 62	30309760
10	2	FLANGE ELBOW - 1” CODE 62	30309759
11	1	FITTING - HYD, STR #16 SAE X #16 37°	30389365
12	1	FITTING - HYD, ELBOW #8 ORB X #8 FLARE	30389462
13	2	SCREW - 3/8”-16 NC X 1 1/4”LG GR.5 HHCS	30302817
14	1	FITTING -HYD, PLUG #12 ORB	98398643
15	1	FITTING - HYD, STR #12 SAE X #8 37°	30389465
16	1	1310 STRAP AND BOLT KIT	70100071

70102400

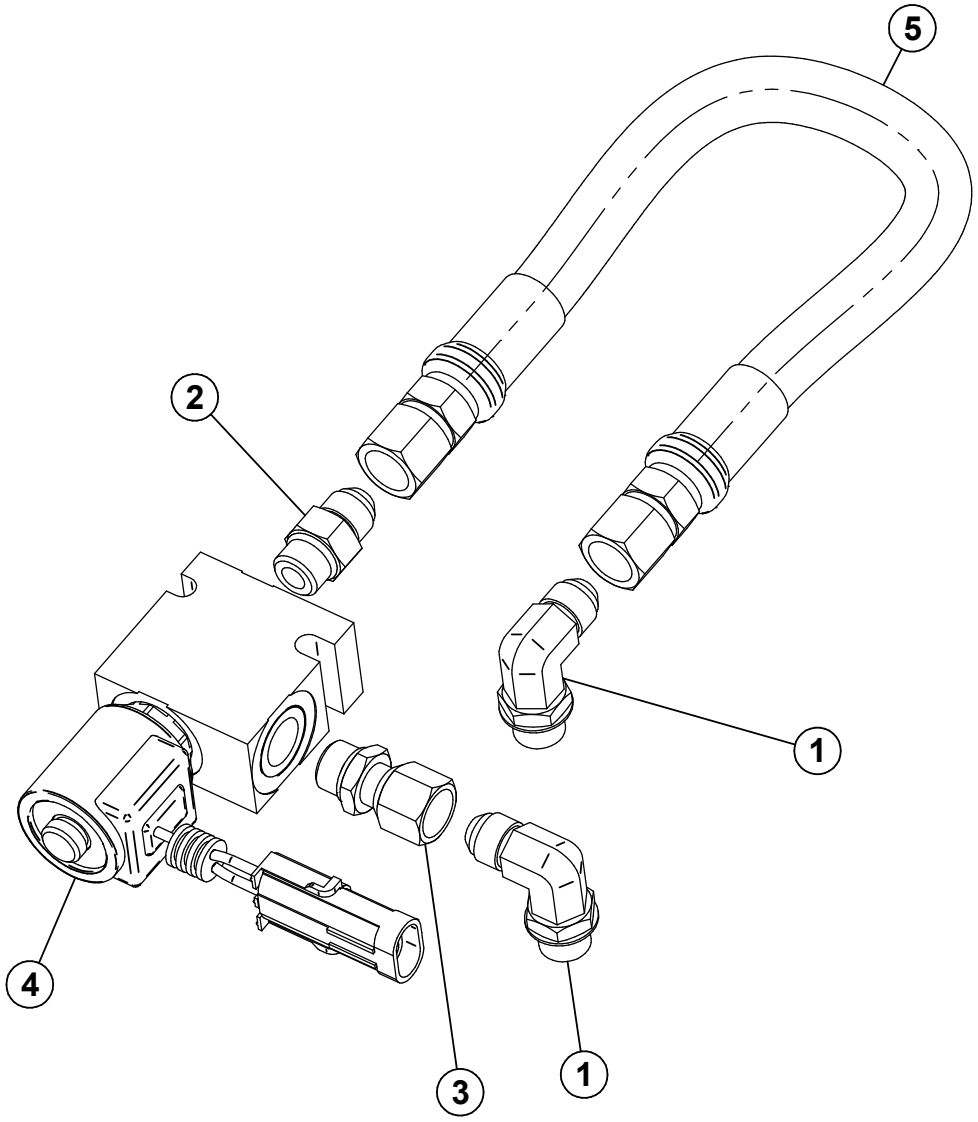


ITEM #18 NOT SHOWN

70102400 - ASSY, PE, RESULTS, CW

Item	Qty	Description	Part #
1	1	U-JOINT END YOKE 1310 1.5” TAPER, U-BOLT	98400121
2	2	WASHER, SPLIT LOCK, 3/8”	30302568
3	4	HHCS, 3/8-16 X 1 1/4, GR 5, ZP	30302817
4	2	FITTING - HYD, ELB 90 DEG 1” FLANGE 61	30389370
5	2	KIT - FLANGE, 1” CODE 61 - 5151HK-16	30307799
6	1	PLT - PMP FILTER MOUNT	70102044
7	1	ASSY-CHARGE FILTER, DRUM DRIVE	70102042
8	3	FITTING - HYD 90° ELB #12 37° X #12 ORB	30389166
9	2	FITTING - HYD 90° ELB #12 37° X #10 ORB	30389269
10	8	WASHER, FLAT, 3/8, ZP	30302130
11	4	HHCS, 3/8-16 X 3/4, GR 5 ZP	70101691
12	1	FITTING HYD 16 MJIC-20 ORB 90	70102177
13	2	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
14	1	PUMP, HYD, PMP, CW, PE	70101864
15	1	PUMP, AUX CW	70101811
16	1	FITTING, HYD. 90 DEG. ELB #8 37 JIC X #10 ORB	30389390
17	1	FITTING-HYD #16 37°X#12 ORBX90	70102220
18	2	HOSE - HYD SAE 12/12 X 33.5” - 3500 PSI	98333548

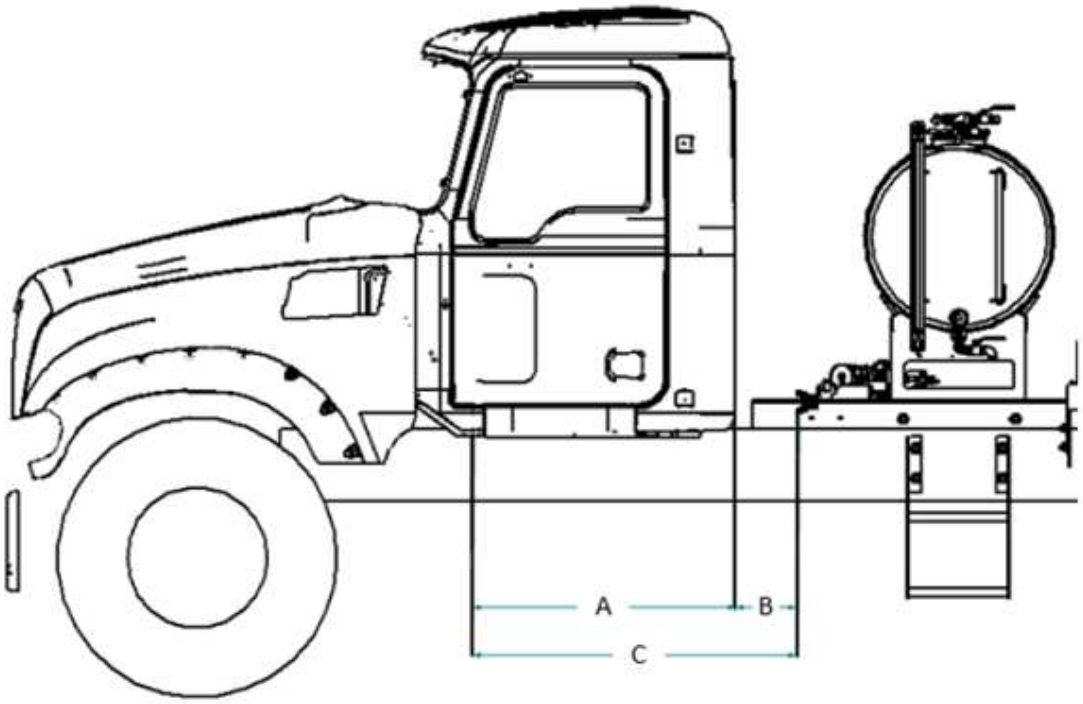
98404577



98404577 - ASSY MANUAL START/STOP VALVE

Item	Qty	Description	Part #
1	2	FITTING - HYD, ELBOW #6 ORB X #6 FLARE	30389160
2	1	FITTING - HYD, STRAIGHT #6 ORB X #6 FLARE	30389362
3	1	FITTING - HYD, STRAIGHT #6 ORB X #6 FLARE SWIVEL	30389363
4	1	VALVE - HYD, SOLENOID PAUSE/RESUME #SV08	30389309
5	1	HOSE - HYD SAE 6/6 X 15”, 5000 PSI	30389407

PTO SHAFT

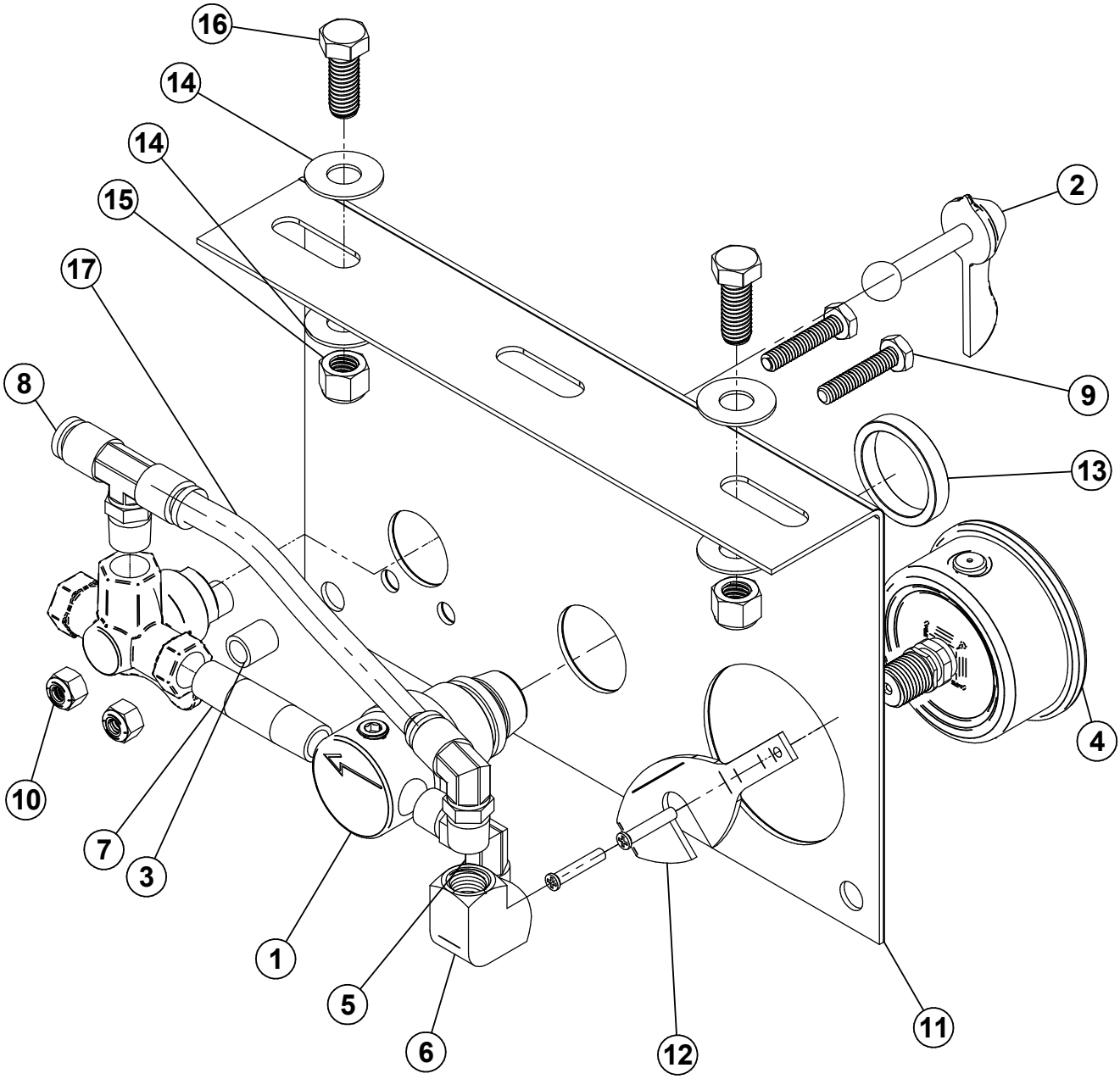


Truck Brand	Truck Engine	Length A (REPTO to Back of Cab)	Length B (Back of Cab to Pump)	Length C (Shaft Length)	PTO Shaft PN
International	A26	29.90"	7.35"	37.25"	70100260
	S13	36.38	9.62	46.00”	70100370
Western Star	Detroit DD13	36.00"	10.00"	46.00"	70100370
	Cummins X12	45.50"	10.00"	54.75"	70100183
Freightliner	Cummins X12	37.25"	10.00"	47.69"	70100821
	Detroit DD13	38.125"	10.00"	47.69"	70100821
Peterbilt	Paccar MX13	42.20"	10.00"	52.00"	70100591
Kenworth	Paccar MX11	44.50"	10.00"	54.75"	70100183

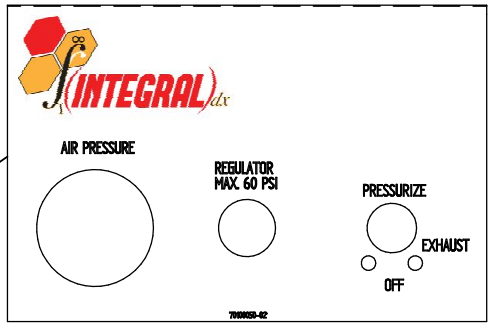
4.0 Hydraulics / Pneumatics

30386769 - ASSY AIR PANEL ASSEMBLY 85
98402032 - ASSY CHUTE LOCK VALVE 87
HYDRAULIC TANK ASSEMBLY 89
70100405 - ASSY OIL COOLER FITTINGS 91
70101062 - ASSY OIL COOLER, GEN 1 93
98404520 - ASSY CHUTE VALVE FITTINGS 95
98404304 - ASSY CHUTE CYLINDER FITTINGS 97
30407533 - ASSY CHUTE CYLINDER FITTINGS GEN 1 99

30386769



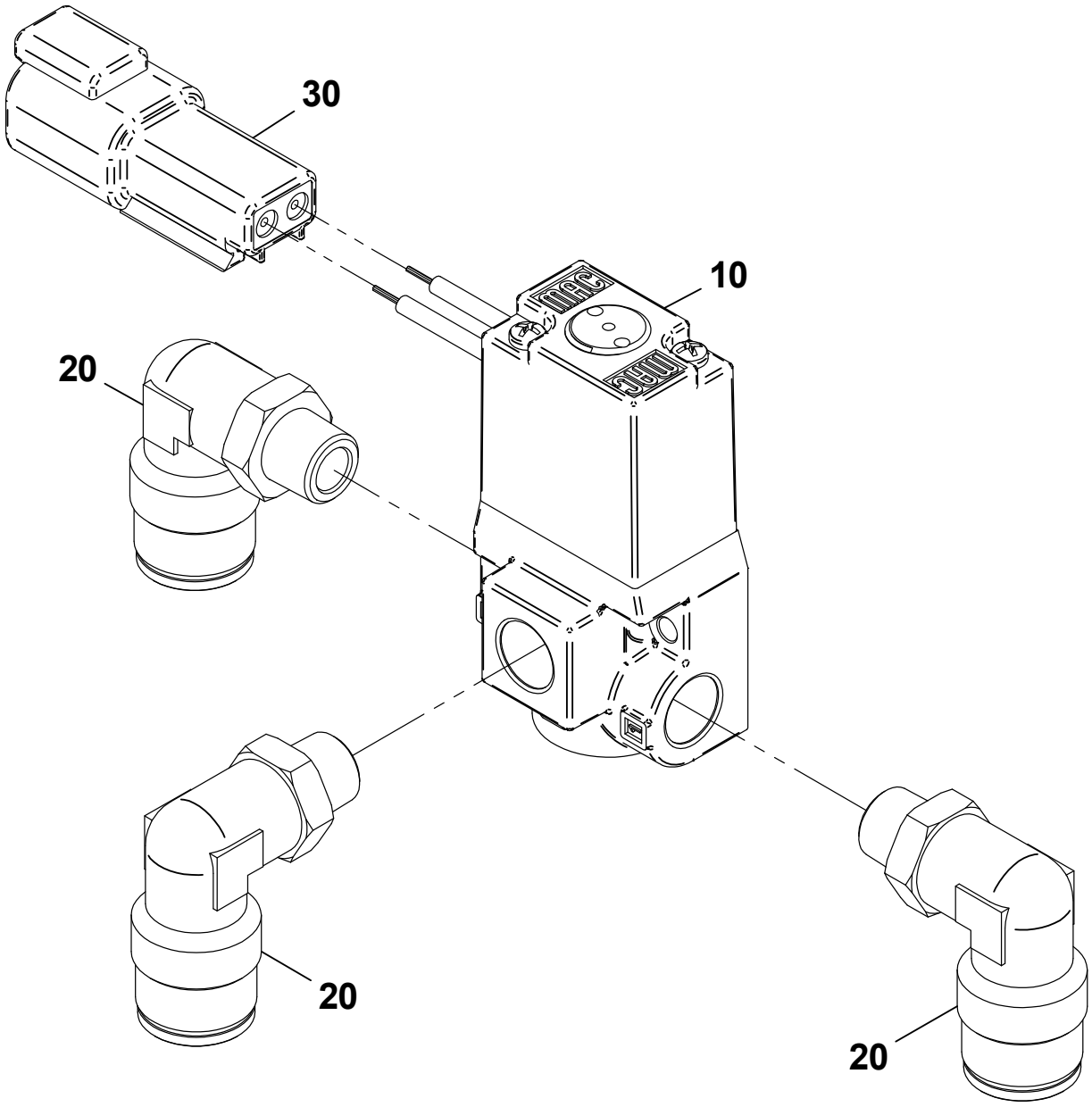
DECAL, AIR PANEL
70100050



30386769 - ASSY, AIR PANEL ASSEMBLY

Item	Qty	Description	Part #
1	1	REGULATOR , 1/4" PIPE, 5-60 PSI	98407873
2	1	VALVE - WATER, 3 WAY 1/4"	30389272
3	2	BUSHING ,BRONZE, 5/16 I.D. X 7/16 O.D.,	98408152
4	1	GAUGE WATER, PANEL 1/4" MNPT, 0-100 PSI	30314332
5	2	FITTING - ELB 90° 3/8" TUBE X 1/4" NPTM	30351528
6	1	FITTING - 90° ELBOW, 1/4 X 1/4 NPT FEM.	98408116
7	1	NIPPLE BRASS PIPE 1/4" M NPT X 2" L	98389396
8	1	FITTING - TEE MALE BRANCH SWIVEL	30386644
9	2	SCREW - HHC 1/4-20UNC X 1-1/4" LG	30303734
10	2	NUT - 1/4 -20 NC NYLOCK	30391374
11	1	ASM, PLATE, AIR PANEL	70100051
12	1	BKT-WATER GAUGE	70100058
13	1	PANEL NUT	70100060
14	4	WASHER, FLAT, 3/8, ZP	30302130
15	2	NUT - 3/8 -16 NC NYLOCK	98372389
16	2	SCREW - HHC 3/8-16UNC X 1” LG	30302118
17	1	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 W	30305009

	98402032	
	00	10.02.2016

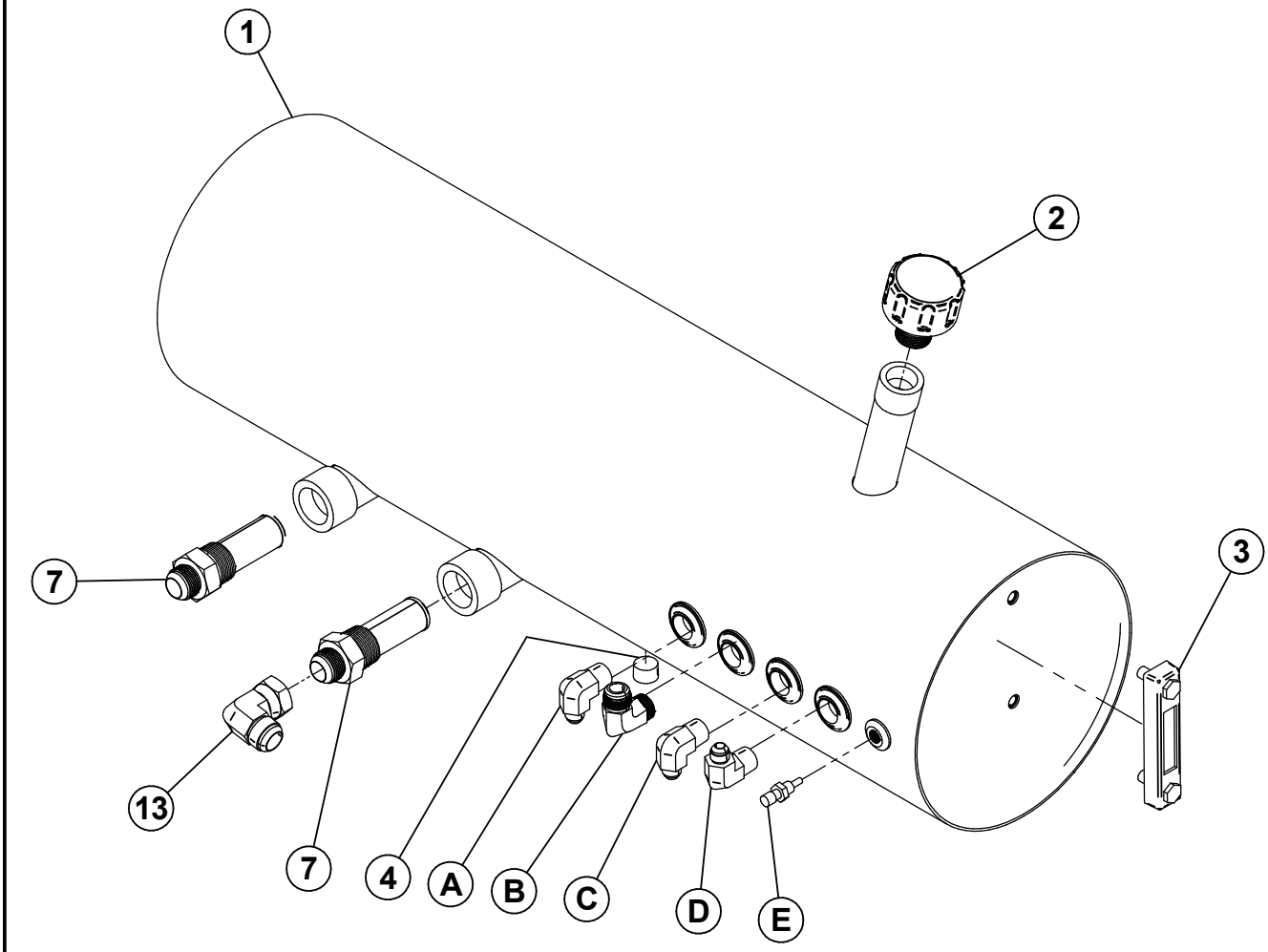


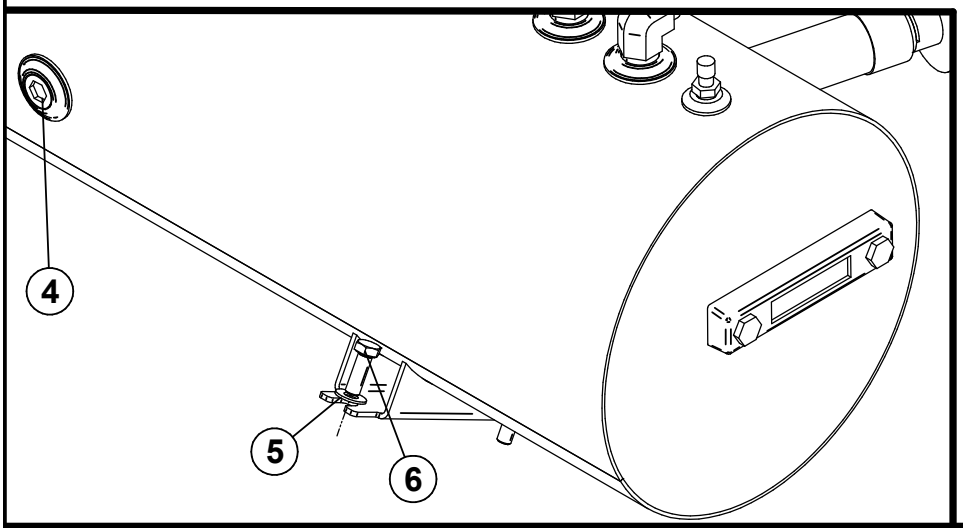
Items not shown: 40,50

98402032 - ASSY CHUTE LOCK VALVE

Item	Qty	Description	Part #
0010	1	VALVE PNEU SOLENOID SERIES 36L 12V	98402031
0020	3	FITTING TUBE CONN 3/8" TUBE X 1/8" NPTF	98402030
0030	1	CONNECTOR - 2-PIN MALE DEUTSCH 16-18	98349338
0040	1	HARN - CONNECTOR, DEUTSCH, DT, WEDGE 2	30100264
0050	2	CONNECTOR DT SERIES 16-20GA SOCKET	30337546

Hydraulic Tank



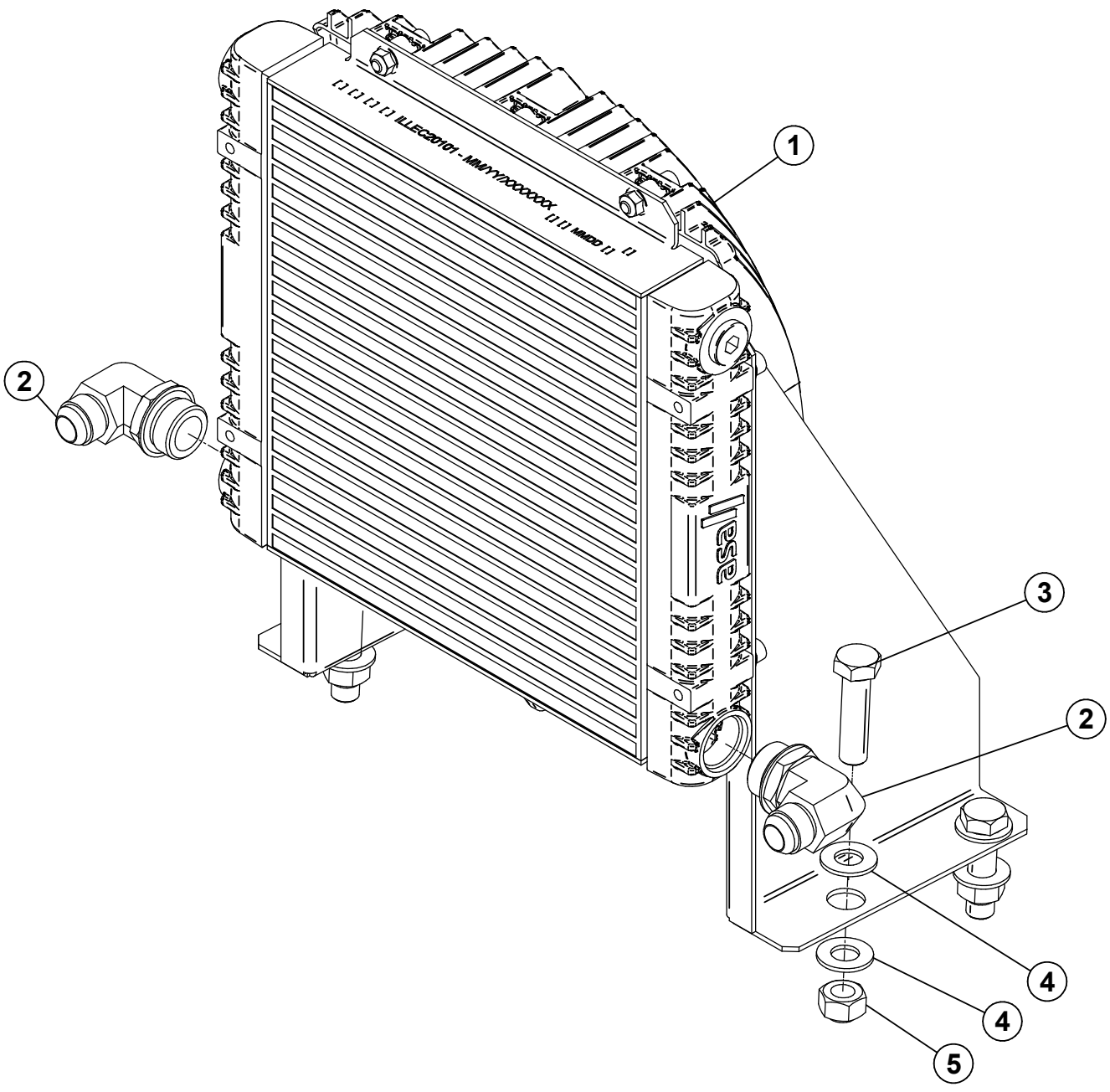


HYDRAULIC TANK ASSEMBLY

Item	Qty	Description	Part #
		SERIES 3 RESULTS TANK - 70101723	
1	1	TANK - 18 GAL. HYD., BOOSTER/CONV.	30389148
2	1	FILTER - HYD, BREATHER TANK X 1" MPT	30389925
3	1	OIL LEVEL INDICATOR 127/M12	10012911
4	1	FITTING - HYD, PLUG 3/4" NPT	30389259
5	4	SCREW RETAINER SKM 10-GT320	10129841
6	4	SCREW DIN 933 M 10 X 30-8.8-A2C	10001861
7	2	FITTING - SUCTION STRAINER X 1-1/4" NPT	30389719
A	1	FITTING - HYD, PLUG 3/4" NPT	30389259
B	1	FITTING - HYD 90° ELB 3/4" NPT X #12 37°	30302148
C	1	FITTING - HYD, PLUG 3/4" NPT	30389259
D	1	FITTING - HYD 90° ELB 3/4" NPT X #12 37°	30302148
E	1	SENSOR TEMP 40 - 150 C	98397599
13	1*	FITTING - HYD, ELBOW #16 SWIV X #16 FLARE	30389486
		*NOTE: QUANTITY DETERMINED BASED ON HOSE ROUTING	
		SERIES 2 ICT BOOSTER - 98404269	
A	1	FITTING - HYD, ELBOW 3/4" NPT X #8 FLARE	30389391
C	1	FITTING - HYD, ELBOW 3/4" NPT X #8 FLARE	30389391
E	1	SENSOR TEMP 40 - 150 C	98397599
		SERIES 2 ICT CONVENTIONAL - 98406587	
A	1	FITTING - HYD, PLUG 3/4" NPT	30389259
C	1	FITTING - HYD, PLUG 3/4" NPT	30389259
E	1	SENSOR TEMP 40 - 150 C	98397599
		SERIES 1 LEGACY BOOSTER - 98365178	
A	1	FITTING - HYD, ELBOW 3/4" NPT X #8 FLARE	30389391
C	1	FITTING - HYD, ELBOW 3/4" NPT X #8 FLARE	30389391
E	1	PLUG - 1/4” NPT	30389265
		SERIES 1 LEGACY CONVENTIONAL - 70101294	
A	1	FITTING - HYD, PLUG 3/4" NPT	30389259
C	1	FITTING - HYD, PLUG 3/4" NPT	30389259
E	1	PLUG - 1/4” NPT	30389265

70100405

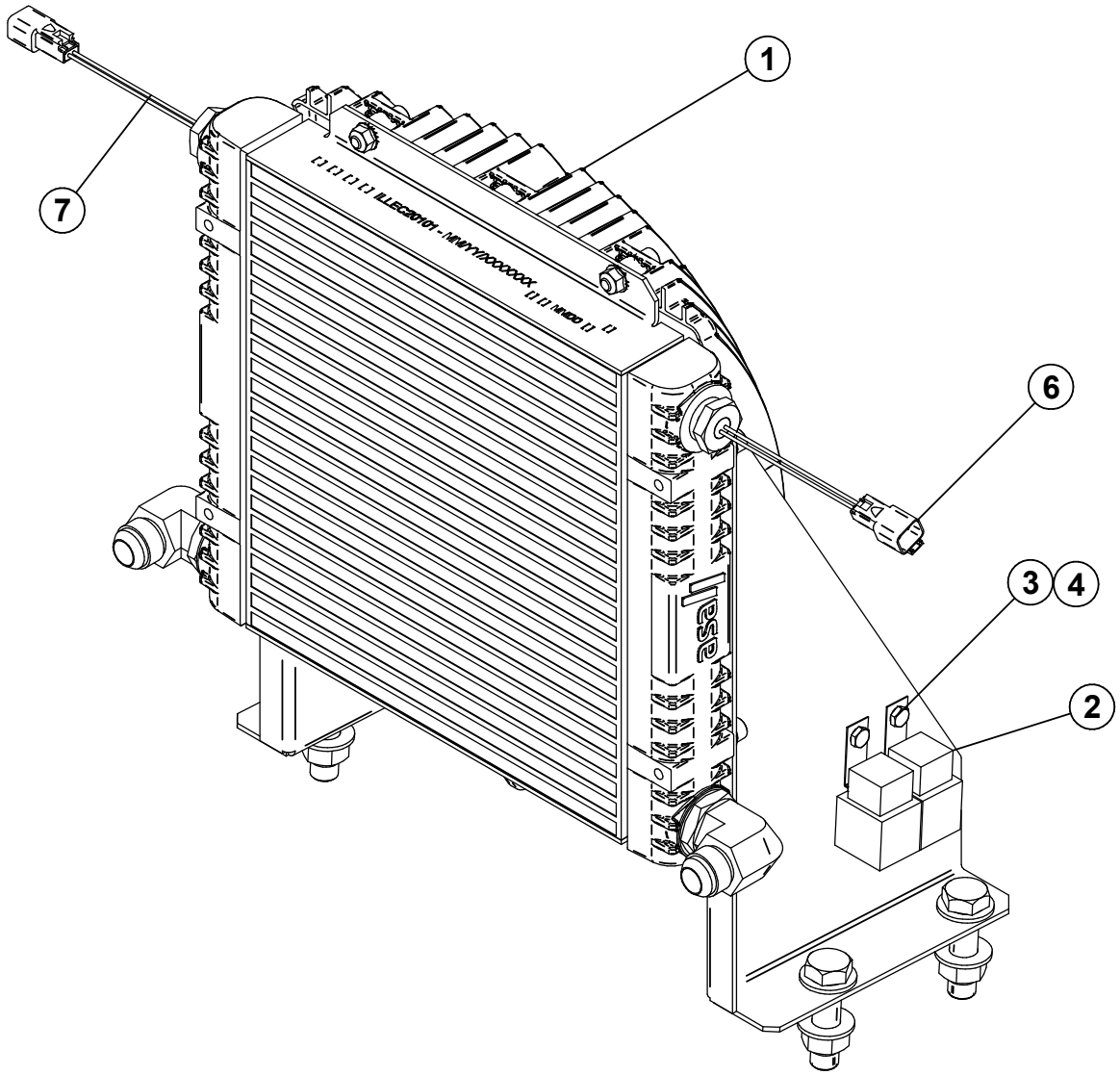
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70100405 - ASSY OIL COOLER FITTINGS

Item	Qty	Description	Part #
1	1	OIL COOLER, W/O TEMP SW	70100237
2	2	FITTING - HYD, ELBOW #12 FLARE X #16 ORB	30389358
3	4	SCREW DIN 933 M 16 X 60-8.8-A2C	10001357
4	8	SCREW RETAINER SKM 16-GT320	10133552
5	4	NUT DIN 985 M 16-8-A2C	10001286

70101062

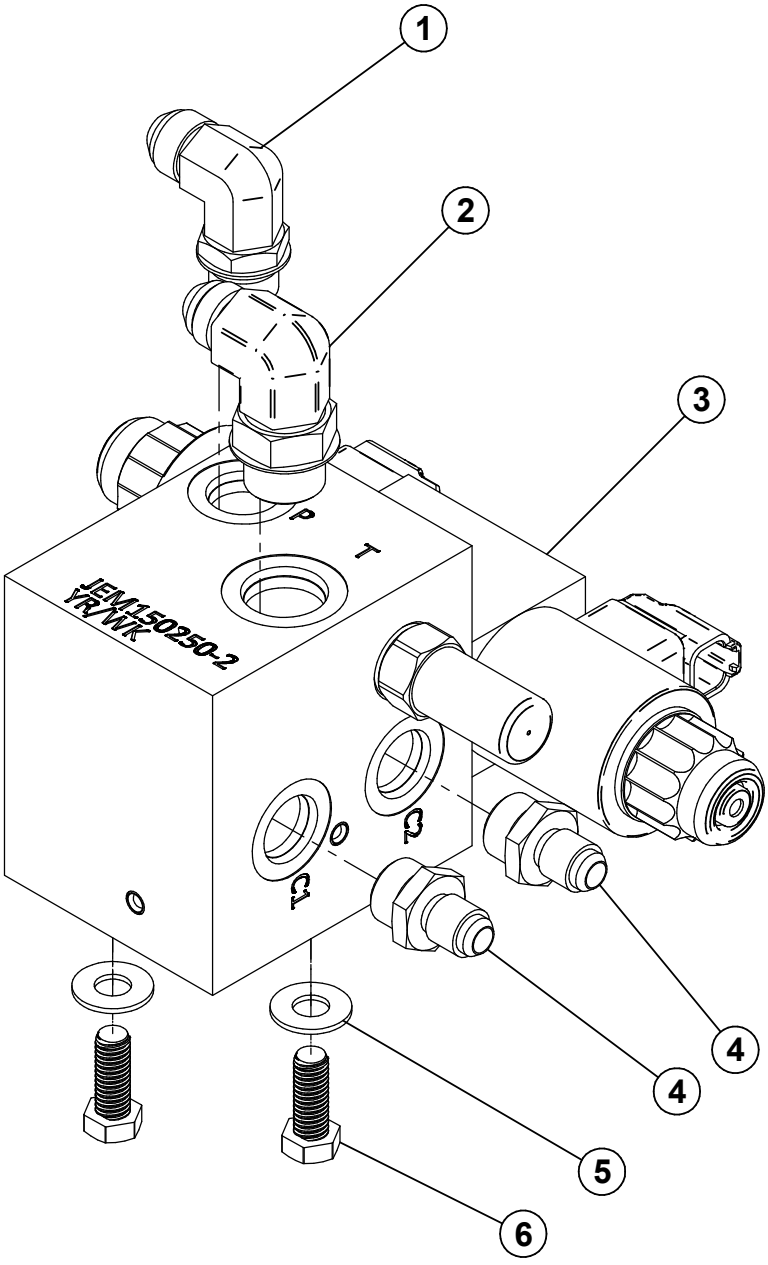


ITEM #5 NOT SHOWN

70101062 - ASSY OIL COOLER, GEN 1

Item	Qty	Description	Part #
1	1	ASSY, ASA OIL COOLER	70100405
2	2	RELAY, SPDT 40A NO 30A NC	70100788
3	2	SCREW - HHC, 1/4-20 X 0.75” GR 5	70100966
4	2	NUT - LOCK 1/4”-20 NC NYLON INSERT	30334582
5	1	HARNESS, OIL COOLER, MIXER	70100793
6	1	SW, 160°F, NO, 1/2BSPP	70100790
7	1	SW, 180°F, NO, 1/2BSPP	70100791

98404520



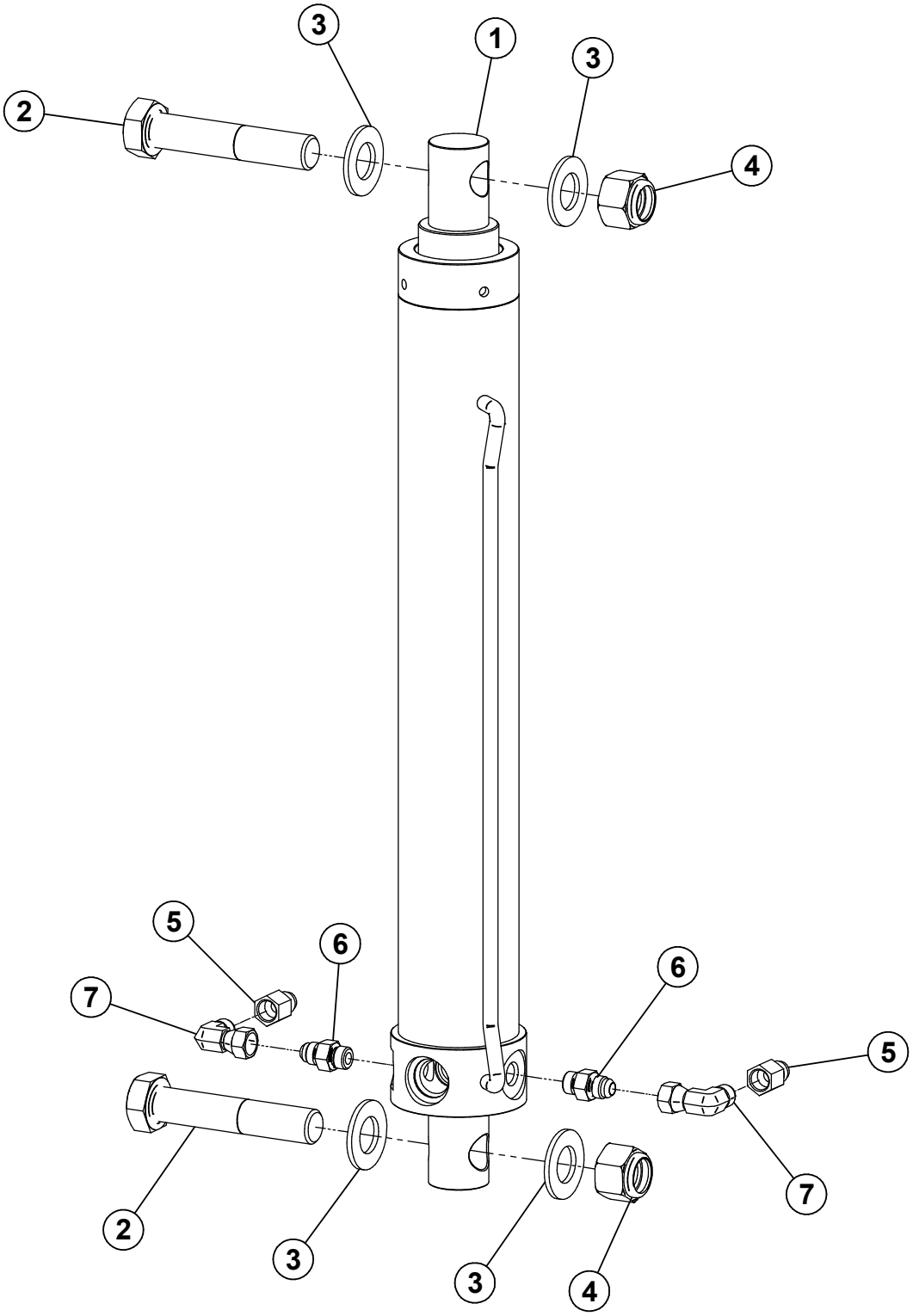
NOTE: ORDERING 98397729 INCLUDES MANIFOLD BLOCK, SOLENOID VALVE, RELIEF VALVE, PLUGS, AND TEST PORT.

AVAILABLE SPARE PARTS ARE LISTED ON NEXT PAGE

98404520 - ASSY CHUTE VALVE FITTINGS

Item	Qty	Description	Part #
1	1	FITTING - HYD, ELBOW #8 ORB X #8 FLARE	30389462
2	1	FITTING - HYD, ELBOW #10 ORB X #8 FLARE	30389390
3	1	VALVE -HYD, MIXER CHUTE	98397729
4	2	FITTING - HYD, MALE 3/8" X 1/2" 37 DEG	30389170
5	2	WASHER, M10	10129841
6	2	SCREW - 3/8”-16 NC X 1” LG GR.5 HHCS	30302118
		SPARE PARTS FOR 98397729	
	1	VALVE - SOLENOID	98422834
	1	D03 VALVE SEAL KIT ARGO-HYTOS	70102443
	1	MANIFOLD BLOCK CHUTE	70102441
	1	VALVE, RELIEF 2000PSI	70102442
	1	RELIEF VALVE SEAL KIT	70102429

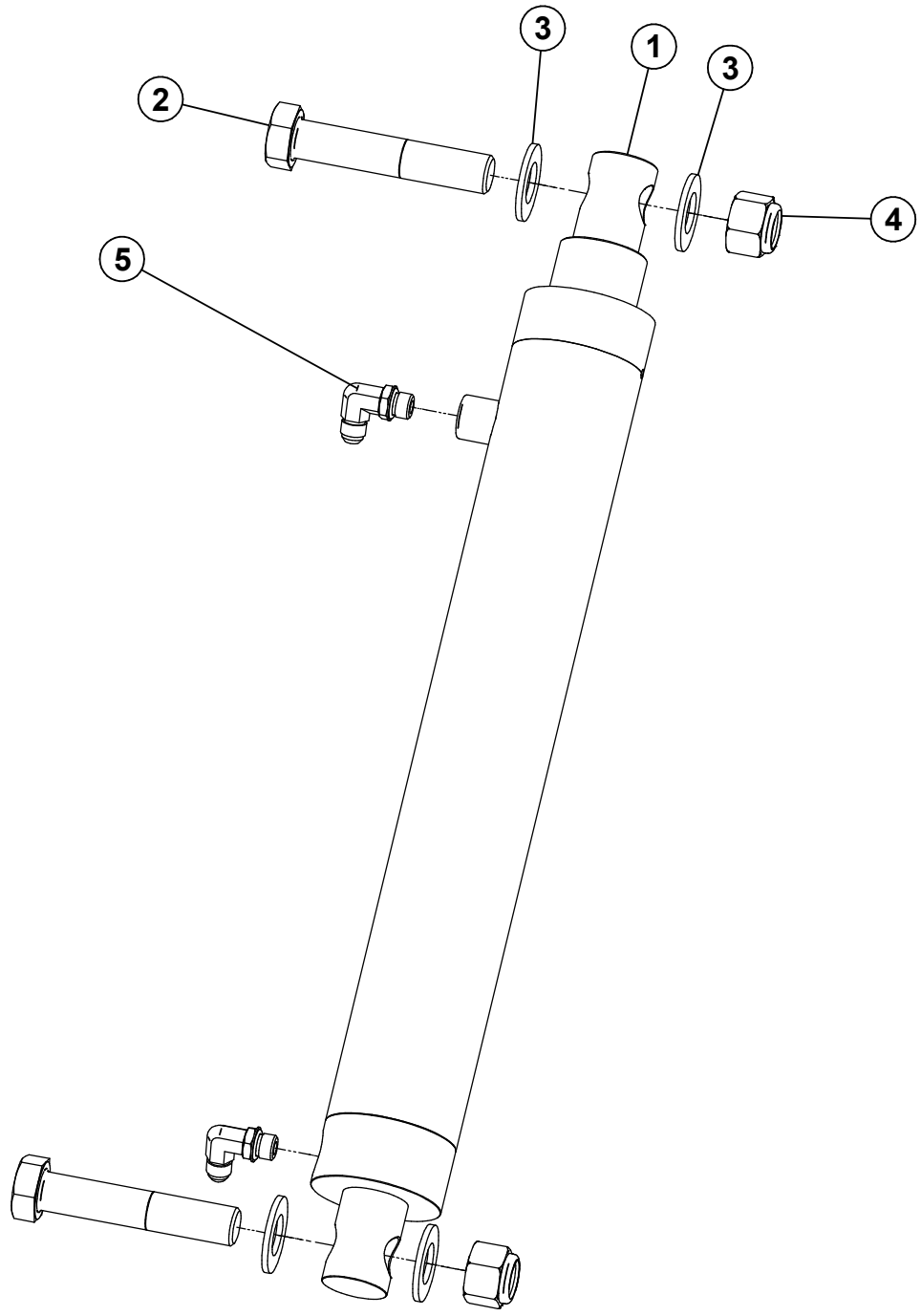
	98404304	
	02	2/11/26



98404304 - ASSY CHUTE CYLINDER FITTINGS

Item	Qty	Description	Part #
1	1	CYLINDER - CHUTE, MIXER W/PILOT OPERATED	30389813
		SEAL KIT FOR 30389813 CYLINDER	98349423
2	2	SCREW - 7/8"-9 UNC X 4 1/2"LG GR.5 HHCS	30349328
3	4	WASHER - FLAT, 7/8" SAE STD.	30389198
4	2	NUT , LOCK 7/8"-9 UNC (NYLOCK) GR.5	30389199
5	2	FITTING - HYD #6 JIC 3/64” ORIFICE	70100181
6	2	FITTING - HYD, STR #6 FLARE X #6 ORB	30389362
7	2	FITTING - HYD, ELBOW #6 SWIV X #6 FLARE	30389374

30407533



30407533 - ASSY CHUTE CYLINDER FITTINGS GEN 1

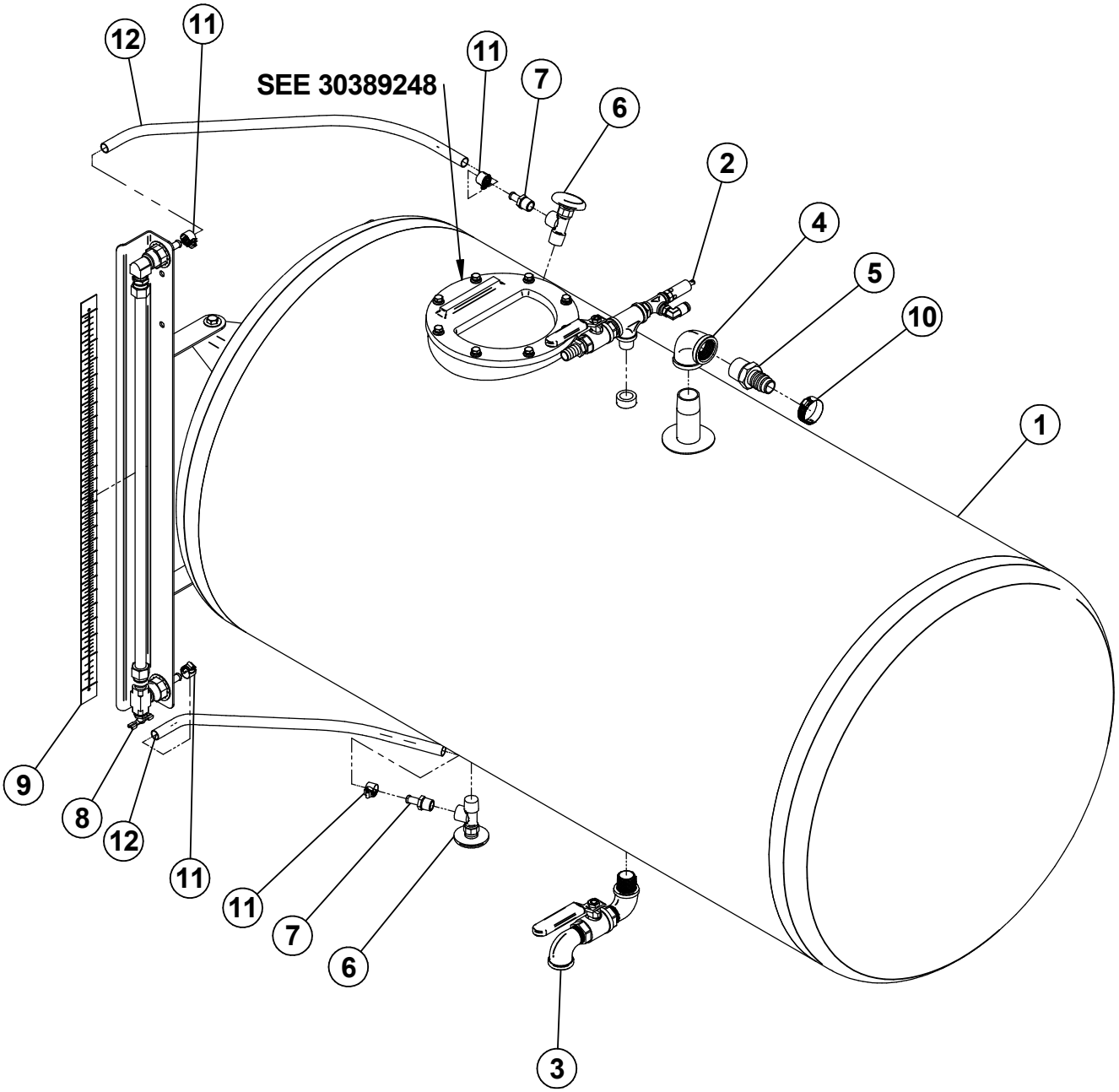
Item	Qty	Description	Part #
1	1	CYLINDER - HYD, FOR CHUTE	30389145
2	2	SCREW 7/8”-9 UNC X 4 1/2” LG GR. 5 HHCS	30349328
3	4	WASHER - FLAT, 7/8”	30389198
4	2	NUT, LOCK 7/8”-9 UNC	30389199
5	2	FITTING - HYD 90° ELB #6 37° X #6 ORB	30389160

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5.0 Water

98364288 - ASSY WATER TANK 125 GALLON SS 103
98364289 - ASSY WATER TANK 150 GALLON SS 105
70100616 - ASSY WATER TANK 200 GALLON AL 107
30389248 - ASSY FLAPPER VALVE 109
WATER GAUGE ASSY 111
98364275 - ASSY SIDE MOUNT 26” DIA. WATER TANK 113
98364276 - ASSY SIDE MOUNT 150 & 125/15 TANKS 115
CROSS MOUNT WATER TANK ASSY 117
98364126 - ASSY TANK AIR PRESSURE WATER TANK MIXER 119
98364265 - ASSY SPRING LOADED WATER BALLVALVE 121
70102298 - ASSY WATER BLOW OUT SYSTEM 123

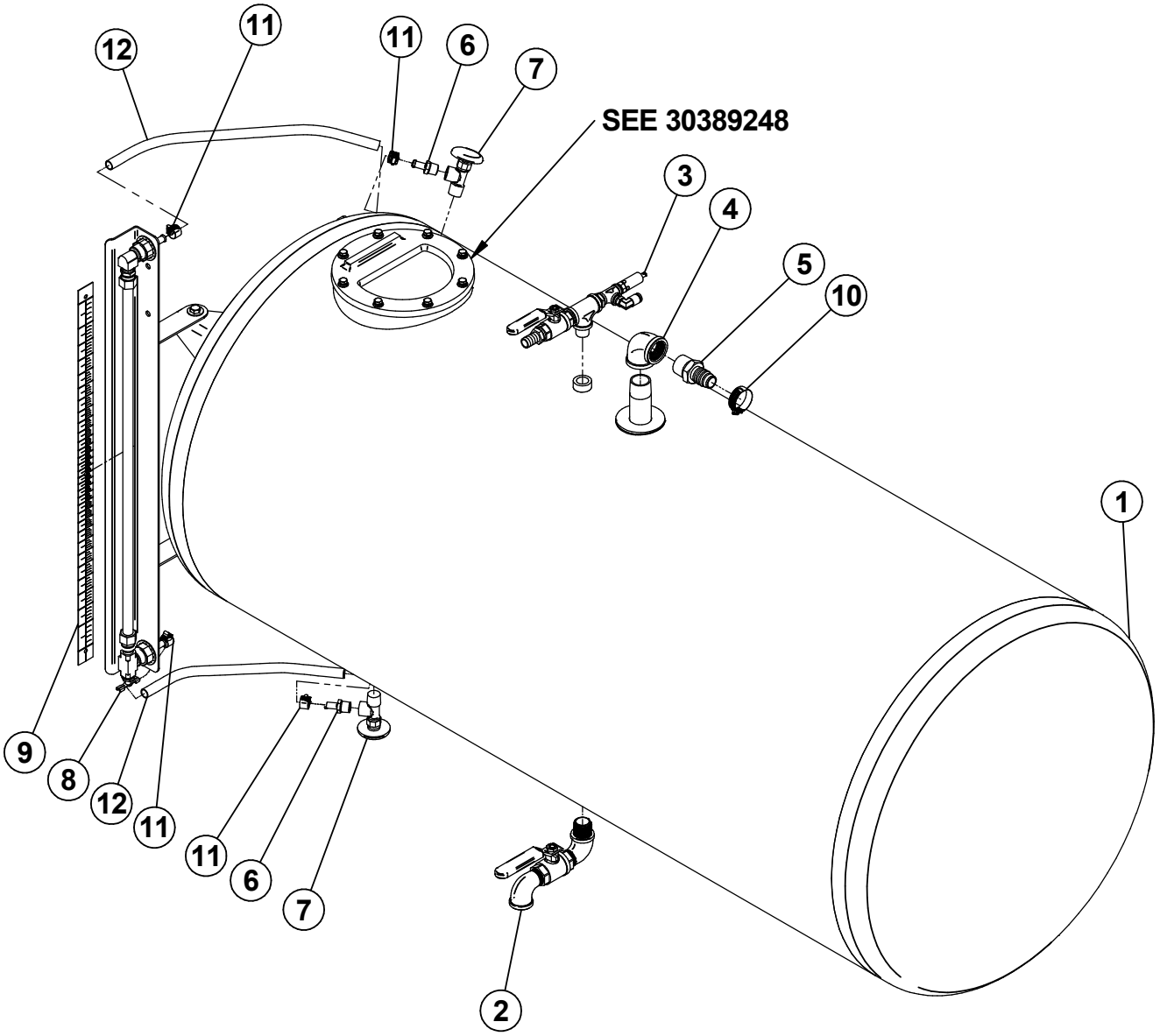
98364288



98364288 - ASSY WATER TANK 125 GALLON SS

Item	Qty	Description	Part #
1	1	WMT - WATER TANK 125 GAL (STAINLESS) 26"	30389034
2	1	ASSY - TANK AIR PRESSURE	98364126
3	1	ASSY - TANK DRAIN	98364125
4	1	FITTING - WATER, ELB 90 DEG 1" NPT GALV	30330859
5	1	FITTING - WATER, 1" NPT X 1" HOSE BARB	30389225
6	2	VALVE - WATER, SHUT OFF	30389223
7	2	FITTING - WATER, BARB 3/8" X 3/8" NPT	30389217
8	1	ASSY - GAUGE, WATER TANK	98362383
9	1	DECAL - PLT, WATER LEVEL (125 GL)	30389053
10	1	CLAMP - HYD, T-BOLT 11/16"-1 1/4"	30302180
11	4	CLAMP - HYD, WORM GEAR 3/8"-7/8"	30303643
12	4 FT	HOSE, 3/8" 200 PSI RED, BULK	30358631

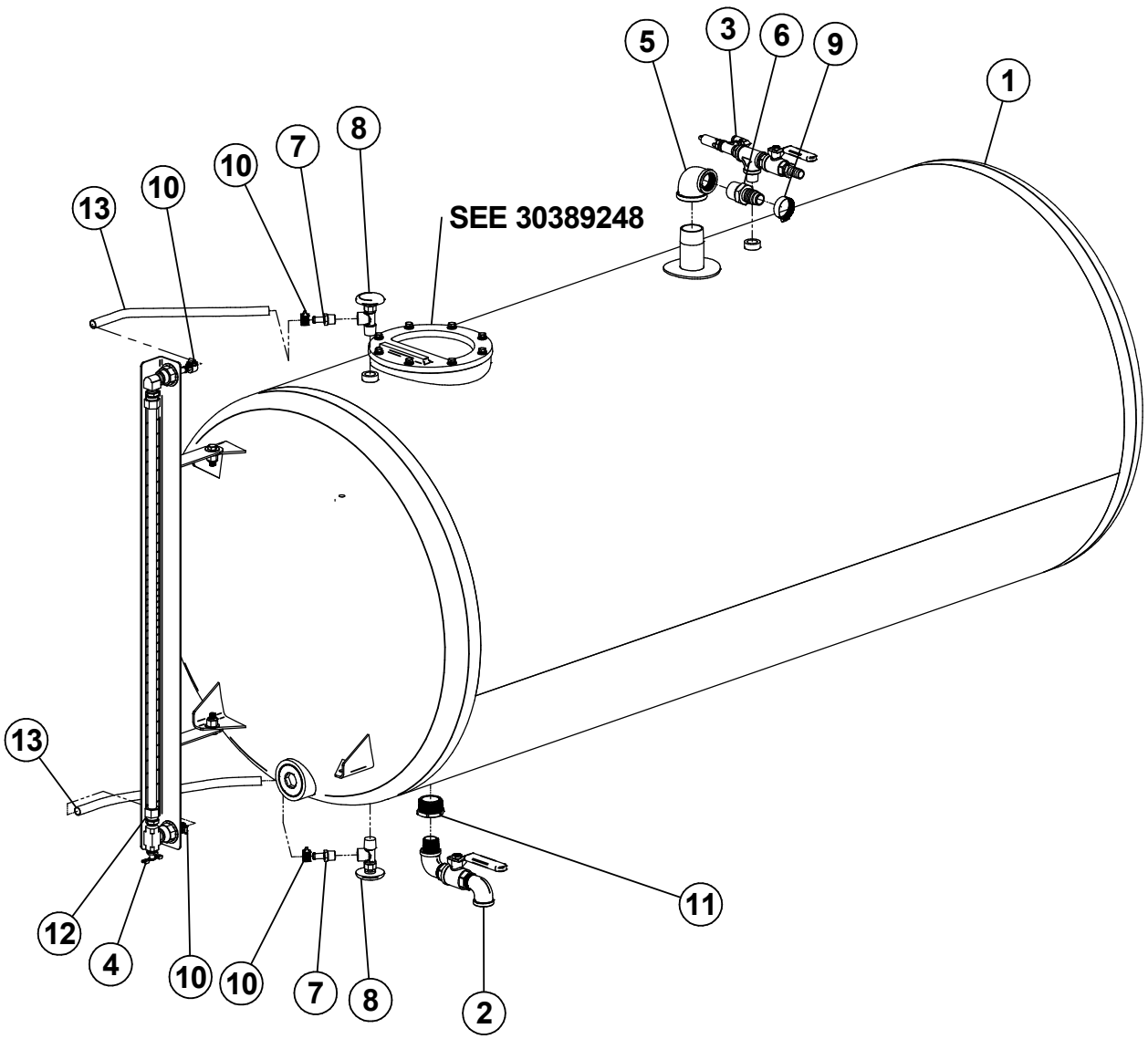
98364289



98364289 - ASSY WATER TANK 150 GALLON SS

Item	Qty	Description	Part #
1	1	WMT - WATER TANK 150 GAL (STAINLESS) 26"	30389438
2	1	ASSY - TANK DRAIN	98364125
3	1	ASSY - TANK AIR PRESSURE	98364126
4	1	FITTING - WATER, ELB 90 DEG 1" NPT GALV	30330859
5	1	FITTING - WATER, 1" NPT X 1" HOSE BARB	30389225
6	2	FITTING - WATER, BARB 3/8" X 3/8" NPT	30389217
7	2	VALVE - WATER, SHUT OFF	30389223
8	1	ASSY - GAUGE, WATER TANK	98362383
9	1	DECAL - PLT, WATER LEVEL (150 GL)	30389441
10	1	CLAMP - HYD, T-BOLT 11/16"-1 1/4"	30302180
11	4	CLAMP - HYD, WORM GEAR 3/8"-7/8"	30303643
12	4 FT	HOSE, 3/8" 200 PSI RED, BULK	30358631

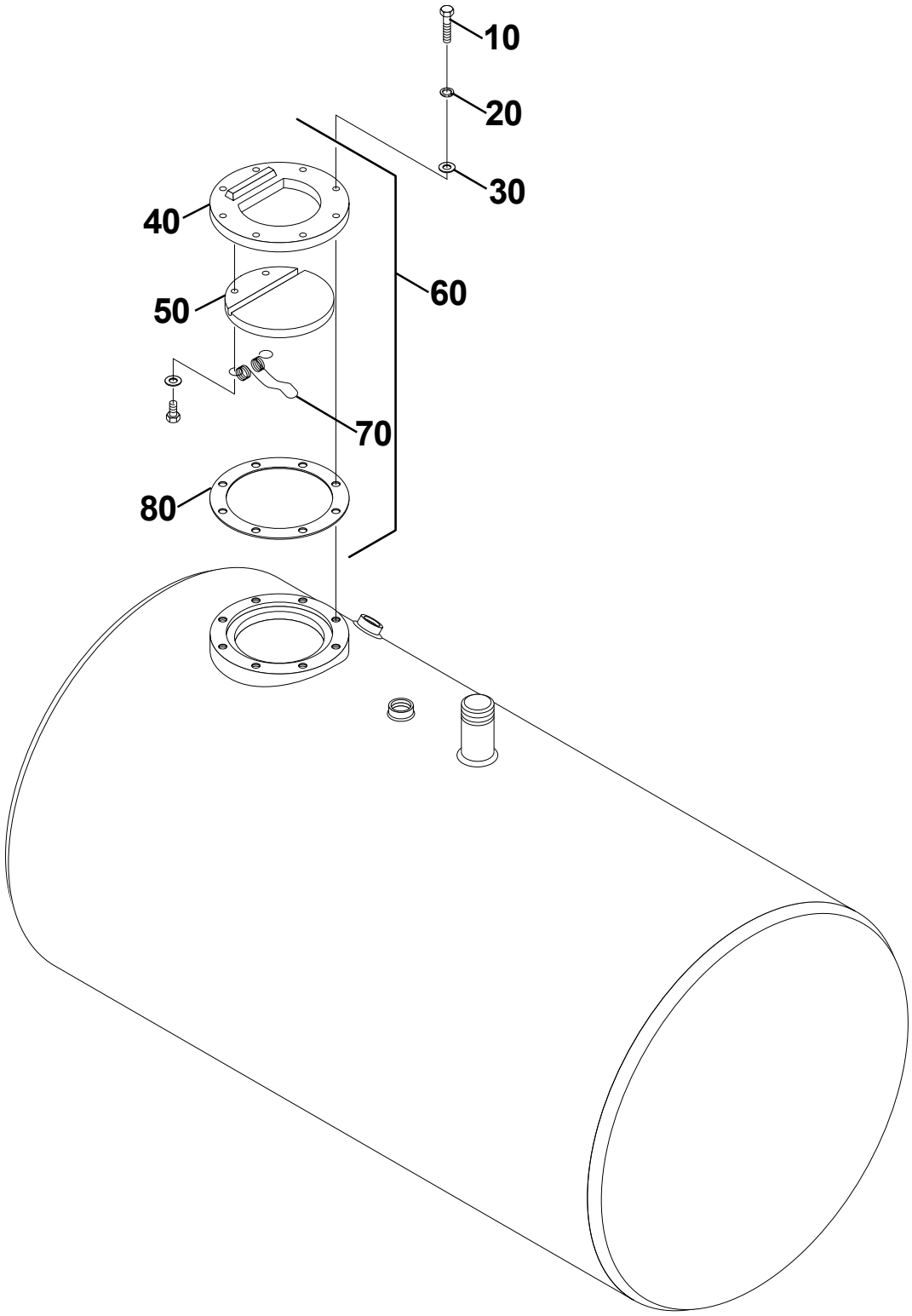
70100616



70100616 - ASSY WATER TANK 200 GALLON AL

Item	Qty	Description	Part #
1	1	WMT - WATER TANK 150 GAL (STAINLESS) 26"	70100615
2	1	ASSY - TANK DRAIN	98364125
3	1	ASSY - TANK AIR PRESSURE	98364126
4	1	ASSY - GAUGE, WATER TANK	70100620
5	1	FITTING - ELBOW, 90 DEG 1 1/4" FNPT X 1 FNPT GALV	70100720
6	1	FITTING - WATER, 1" NPT X 1" HOSE BARB	30389225
7	2	FITTING - WATER, BARB 3/8" X 3/8" NPT	30389217
8	2	VALVE - WATER, SHUT OFF	30389223
9	1	CLAMP - HYD, T-BOLT 11/16"-1 1/4"	30302180
10	4	CLAMP - HYD, WORM GEAR 3/8"-7/8"	30303643
11	1	FITTING, 1 1/4” MNPT X 3/4” FNPT	70100968
12	1	DECAL - 200 GALLON WATER TANK	30386448
13	4 FT	HOSE, 3/8" 200 PSI RED, BULK	30358631

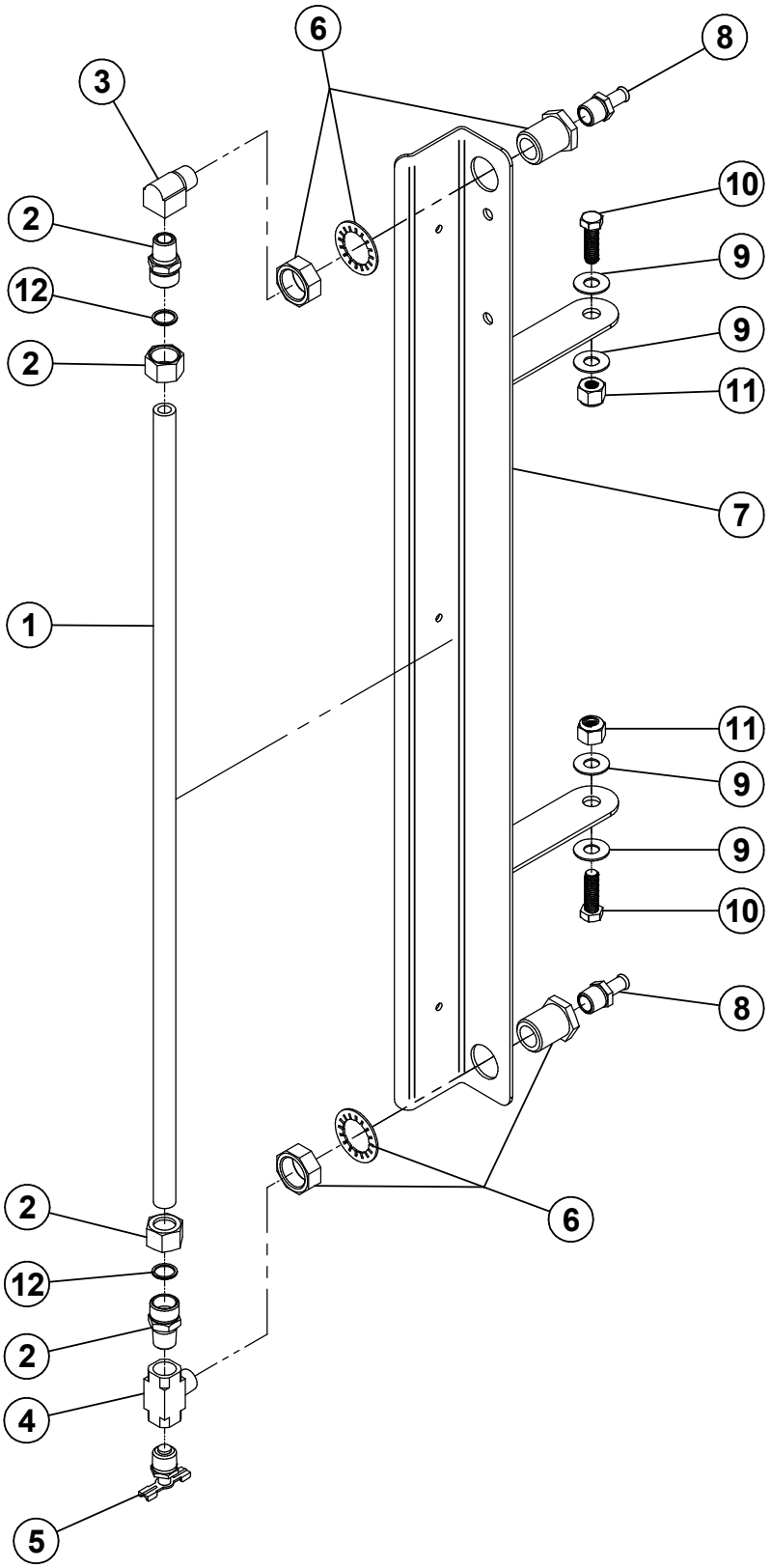
	30389248	
	00	10.02.2016



30389248 - ASSY FLAPPER VALVE

Item	Qty	Description	Part #
10	8	HHCS 1/4” X 1-1/4”	30303734
20	8	LOCK 1/4” WASHER	30320439
30	8	WASHER FLAT 1/4”	30303735
40	1	FLANGE FLAPPER VALVE	30389233
50	1	DISC FLAPPER VALVE	30389234
60	1	VALVE ASSEMBLY 8”	30389248
70	1	SPRING TORSION	30389235
80	1	GASKET FLAPPER GATE	30389236

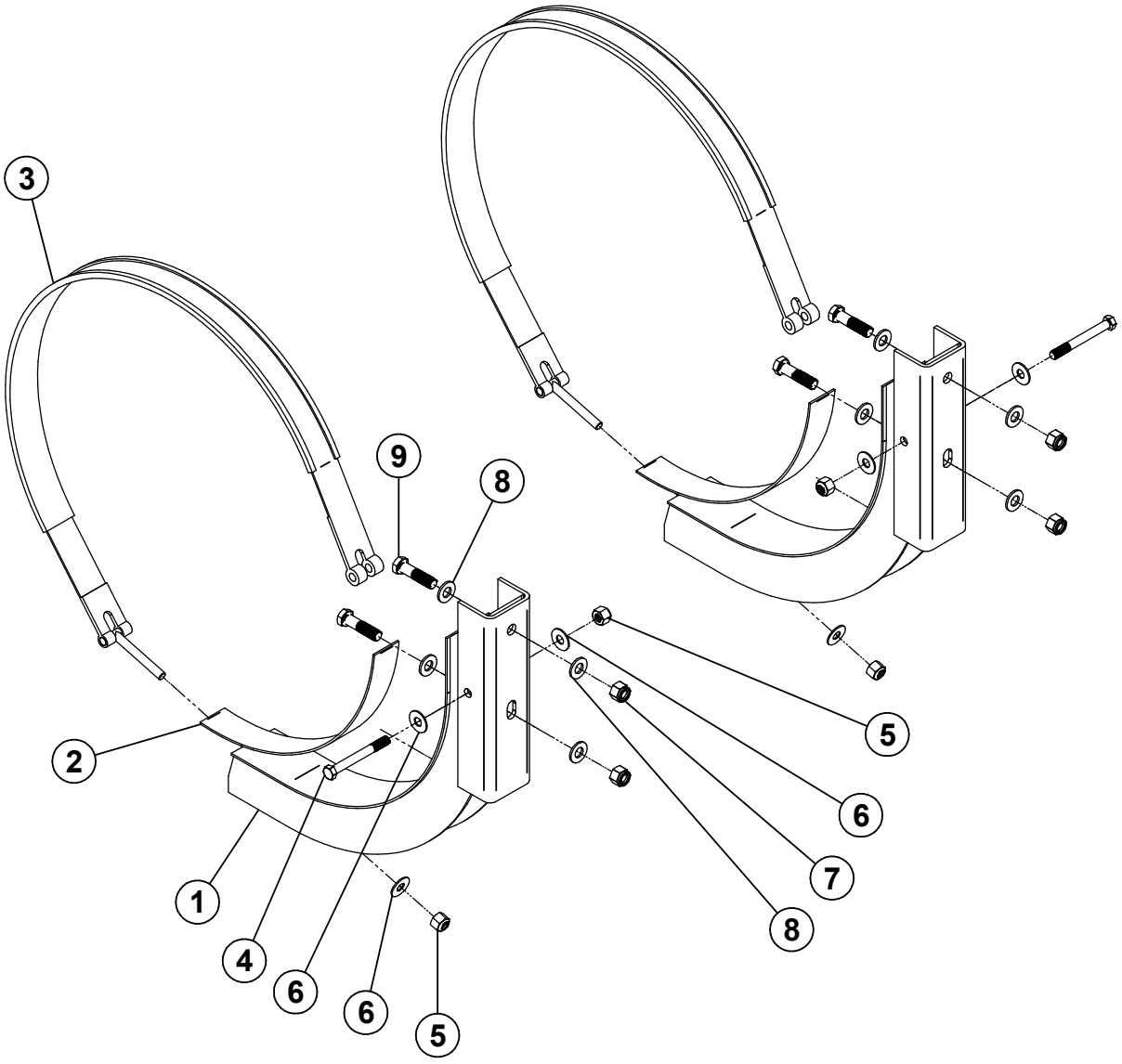
WATER GAUGE



WATER GAUGE ASSY

Item	Qty	Description	Part #
1	1	TUBE RIGID 5/8" OD R-2000 PVC (28.25” FOR 26” DIA TANK)	30308873
	1	TUBE RIGID 5/8” OD R-2000 PVC (32.25” FOR 30” DIA TANK)	30308873
2	2	FITTING , COMPRESSION CONNECTOR 5/8" TUB	30389221
3	1	FITTING - WATER, ELBOW STREET 3/8" NPT	30389219
4	1	FITTING MALE BRANCH TEE 3/8 NPT	30359360
5	1	VALVE - WATER, 3/8" NPT DRAIN COCK	30389220
6	2	FITTING - WATER, COUPLING ANCHOR 3/8 NPT	30389218
7	1	WMT - 26" DIA TANK GAUGE BRACKET	30389052
	1	WMT - 30” DIA TANK GAUGE BRACKET	70100135
8	2	FITTING - WATER, BARB 3/8" X 3/8" NPT	30389217
9	4	WASHER - FLAT, 3/8" LOW CARBON USS - Z.P	30302130
10	2	SCREW - 3/8"-16 NC X 1 1/4"LG GR.5 HHCS	30302817
11	2	NUT - HEX, 3/8-16UNC GR. 8 (NYLOCK) - ZP	30389195
12	2	O-RING 14 X 2 NBR 70	10000216

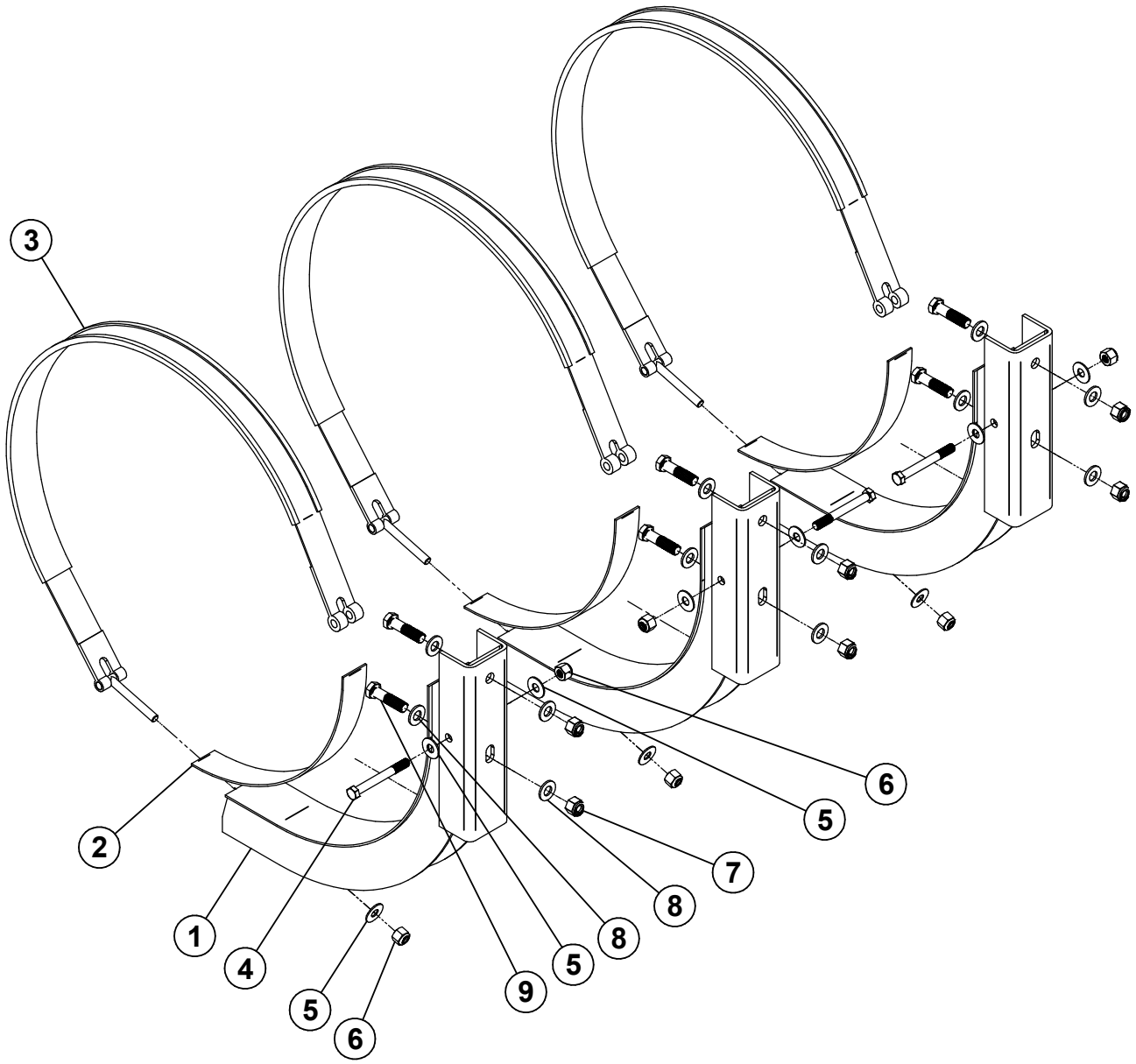
98364275



98364275 - ASSY SIDE MOUNT 26” DIA. WATER TANK

Item	Qty	Description	Part #
1	2	WATER TANK BKT - SIDE MOUNT (STD)	30386535
2	2	BULK RUBBER 1/8” X 2” X 20.5 LG	30312555
3	2	PARTS - 26" DIA. WATER TANK STRAP	30386355
4	2	HHCS 1/2"- 13 NC X 4 1/2" LG GRADE 5	30320750
5	4	NUT - LOCK, 1/2"-13 NC NYLON	30307220
6	6	WASHER - FLAT, 1/2" ZINC FINISH USS	30302126
7	4	NUT - NYLON LOCK, 5/8-11 UNC - GR 8	98394255
8	8	WASHER - FLAT, 5/8”, GR 8	98394254
9	4	HHCS, 5/8”-11 X 2.5” GR 8	70102095

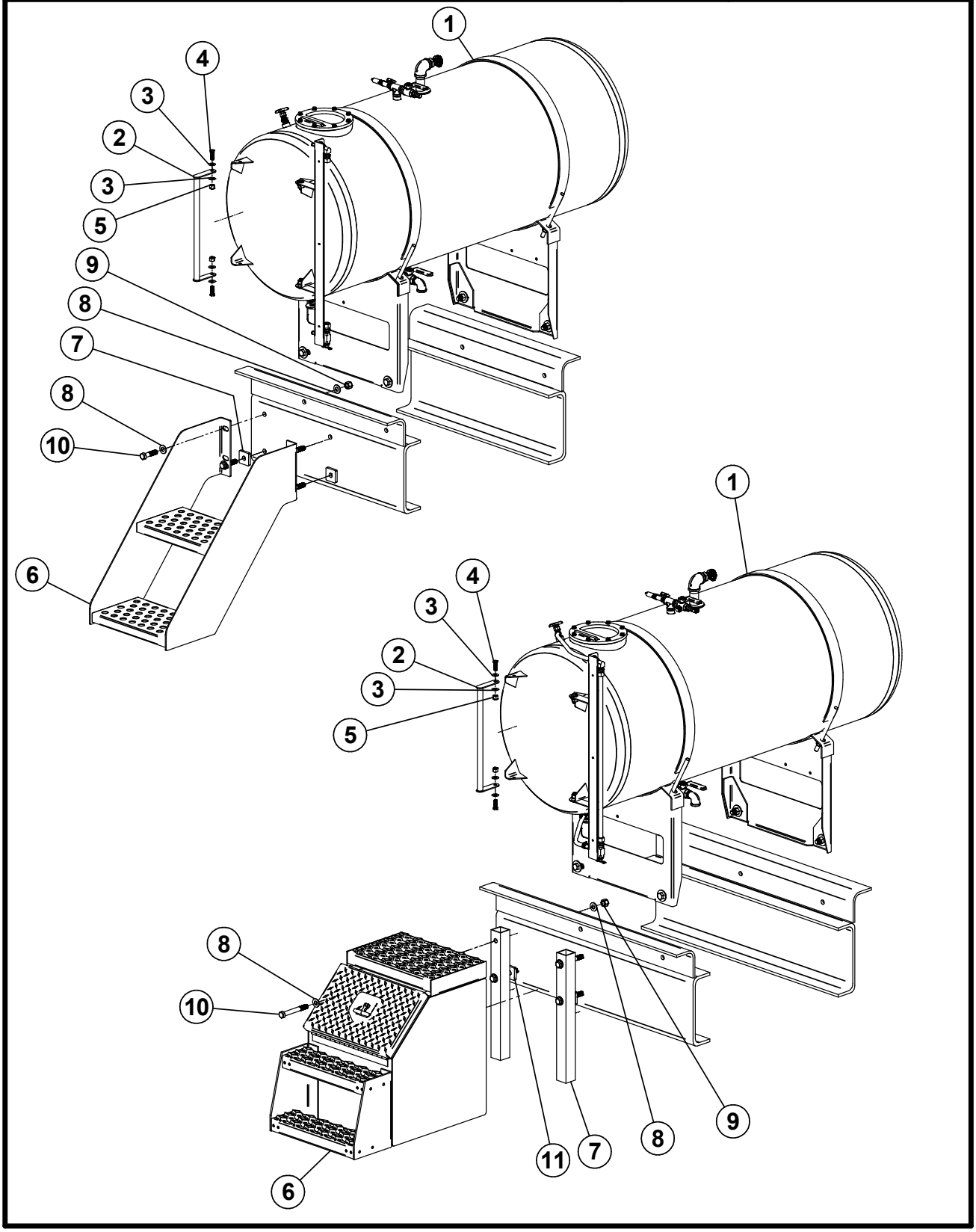
98364276



98364276 - ASSY SIDE MOUNT 150 & 125/15 TANKS

Item	Qty	Description	Part #
1	3	WATER TANK BKT - SIDE MOUNT (STD)	30386535
2	3	BULK RUBBER 1/8” X 2” X 20.5 LG	30312555
3	3	PARTS - 26" DIA. WATER TANK STRAP	30386355
4	3	HHCS 1/2"- 13 NC X 4 1/2" LG GRADE 5	30320750
5	9	WASHER - FLAT, 1/2" ZINC FINISH USS	30302126
5	6	NUT - LOCK, 1/2"-13 NC NYLON	30307220
7	6	NUT - NYLON LOCK, 5/8-11 UNC - GR 8	98394255
8	12	WASHER - FLAT, 5/8”, GR 8	98394254
9	6	HHCS, 5/8”-11 X 2.5” GR 8	70102095

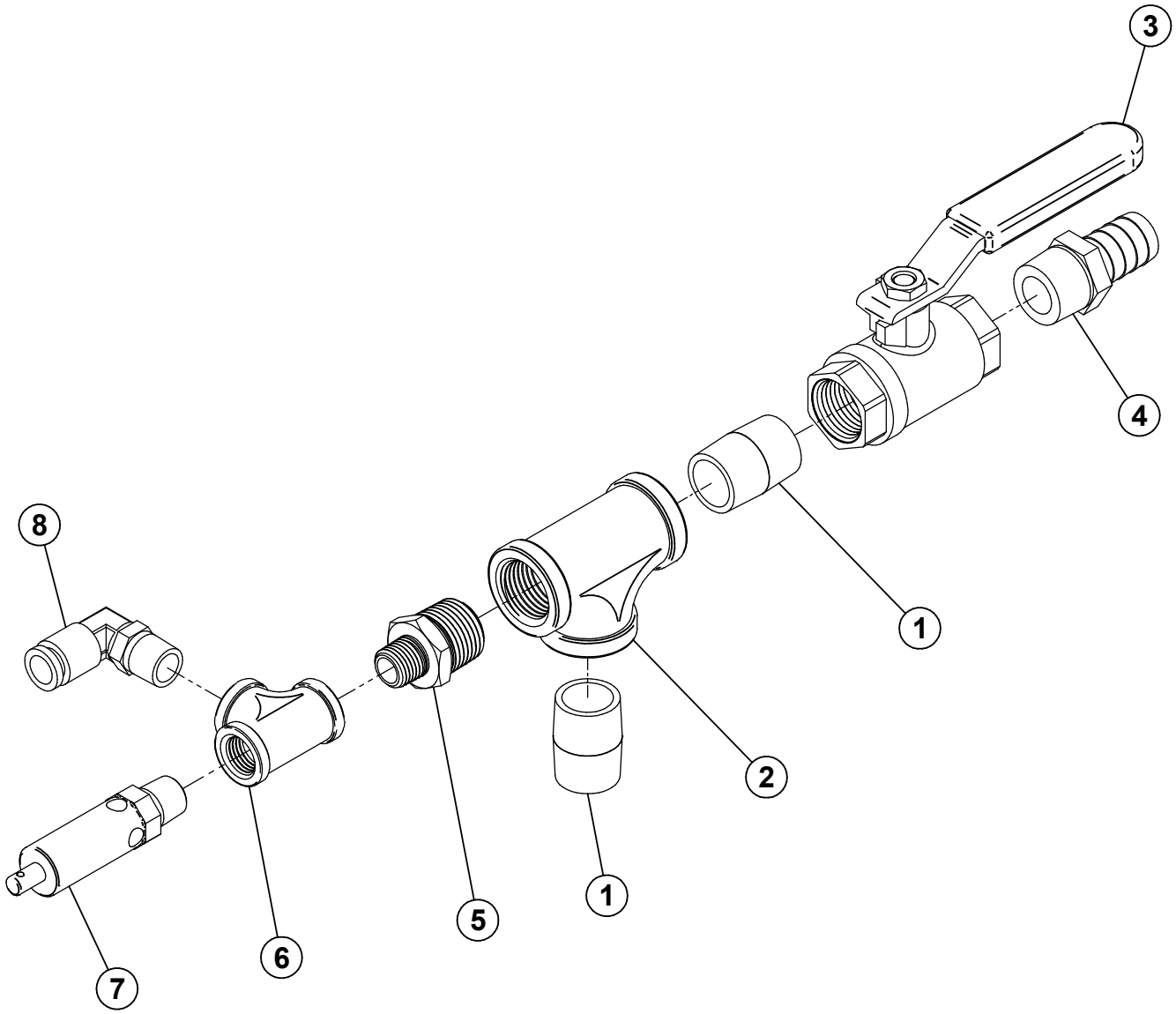
CROSS MOUNT



CROSS MOUNT WATER TANK ASSY

Item	Qty	Description	Part #
		CROSS MOUNT WATER TANK ASSEMBLY WITH STEP	
1	1	ASSY CROSS MOUNT 26” DIA. WATER TANK	98364273
	1	ASSY CROSS MOUNT 30” DIA WATER TANK	70100619
2	1	WMT - HANDLE WATER TANK (26” DIA)	30389287
	1	WMT - HANDLE WATER TANK (30” DIA)	70100136
3	4	WASHER, FLAT,3/8, ZP	30302130
4	2	3/8-16 NC X 1-1/4 LG (SCREW)	30302817
5	2	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
6	1	STEP TRUCK MOUNTED	30389065
	1	WLDT, STEP, MIXER TRUCK, NARROW (OPT.)	70100613
7	2	PLATE, STEP SPACER	70100134
8	8	WASHER - FLAT, 5/8”, GR 8	98394254
9	4	NUT - NYLON LOCK, 5/8-11 UNC - GR 8	98394255
10	4	HHCS, 5/8”-11 X 2.5” GR 8	70102095
		CROSS MOUNT WATER TANK ASSEMBLY WITH TOOLBOX	
1	1	ASSY CROSS MOUNT 26” DIA. WATER TANK	98364273
		ASSY CROSS MOUNT 30” DIA WATER TANK	70100619
2	1	WMT - HANDLE WATER TANK (26” DIA)	30389287
		WMT - HANDLE WATER TANK (30” DIA)	70100136
3	4	WASHER, FLAT,3/8, ZP	30302130
4	2	3/8-16 NC X 1-1/4 LG (SCREW)	30302817
5	2	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
6	1	PARTS - ALUMINUM STEP TOOLBOX	30389690
7	2	TUBE - ALUMINUM, TOOL BOX MOUNTING SPACER	30389817
8	8	WASHER - FLAT, 5/8”, GR 8	98394254
9	4	NUT - NYLON LOCK, 5/8-11 UNC - GR 8	98394255
10	4	HHCS, 5/8”-11 X 5” GR 8	70102106
11	2	PLATE, STEP SPACER	70100134

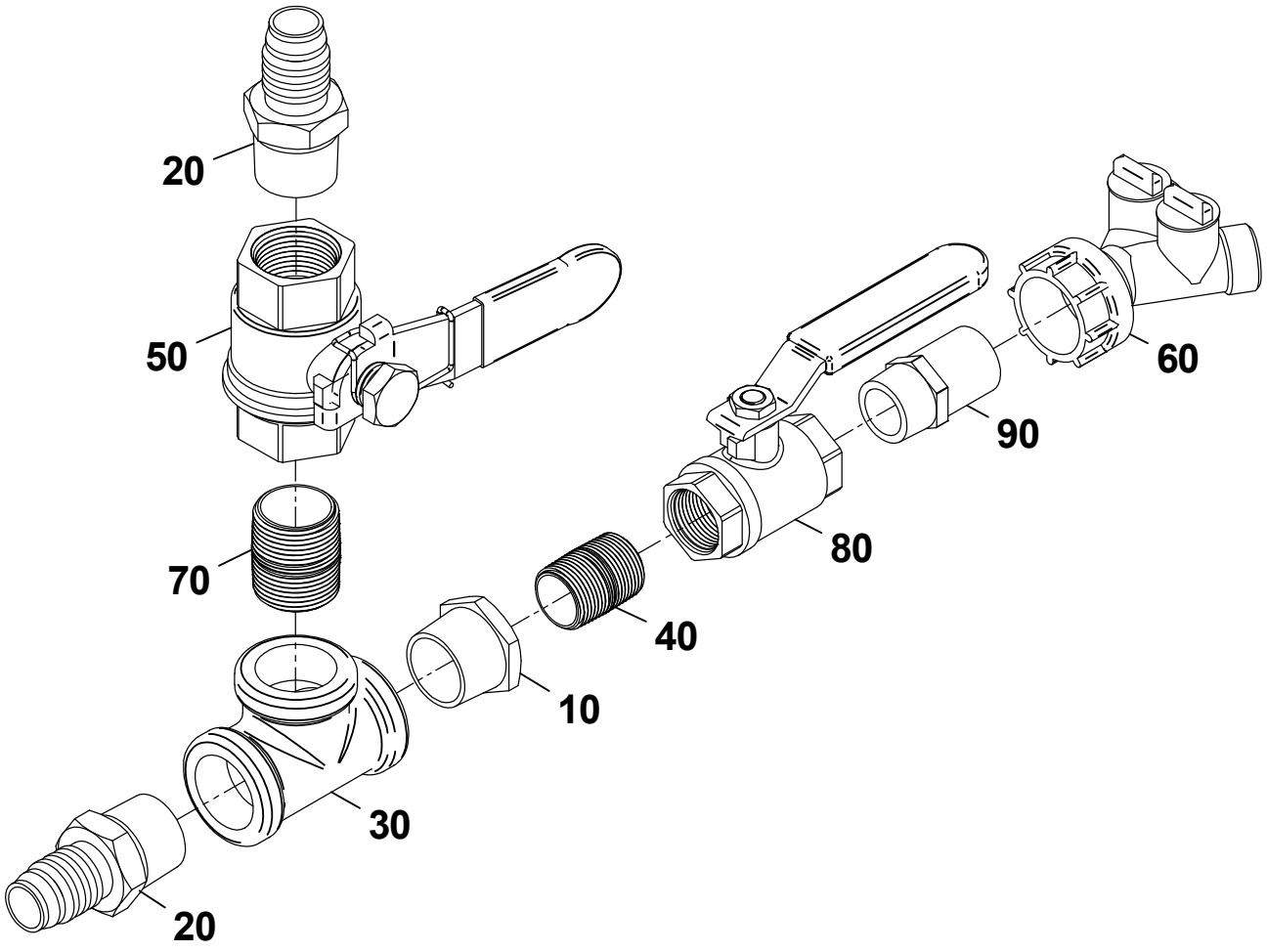
98364126



98364126 - ASSY TANK AIR PRESSURE WATER TANK MIXER

Item	Qty	Description	Part #
1	2	FITTING - WATER, NIPPLE CLOSE 1/2" NPT	30314335
2	1	FITTING-WATER, TEE 1/2” NPT GALV.	70100863
3	1	VALVE - WATER, BALL BRASS X 1/2" NPT-F	30389881
4	1	FITTING - STRAIGHT, 1/2" NPT X 5/8" BARB	30340560
5	1	FITTING REDUCER HEX NIPPLE 1/2" - 1/4" N	30339771
6	1	FITTING-WATER, TEE 1/4” NPT GALV.	70100862
7	1	VALVE - WATER, POP-OFF 60 PSI (1/4" NPT)	30389273
8	1	FITTING - ELB 90° 3/8" TUBE X 1/4" NPTM	30351528

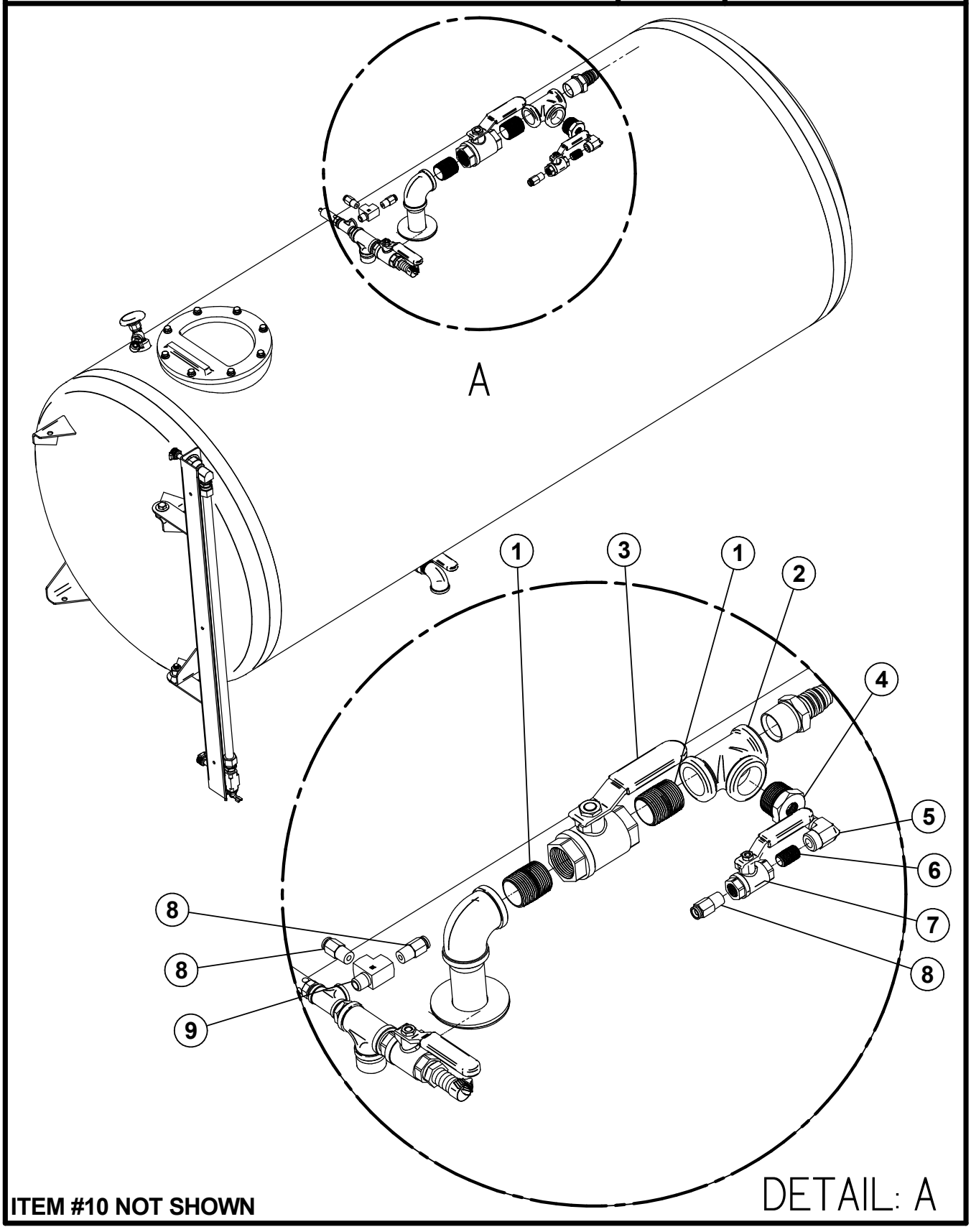
	98364265	
	00	05.01.2016



98364265 - ASSY SPRING LOADED WATER BALLVALVE

Item	Qty	Description	Part #
0010	1	FITTING - BUSH 3/4" NPT X 1" NPT BLK	30310678
0020	2	FITTING - WATER, 1" NPT X 1" HOSE BARB	30389225
0030	1	FITTING - WATER, TEE, 1" NPT GALV	30330858
0040	1	FITTING - WATER,CLOSE NIPPLE 3/4X1-3/8"	30303371
0050	1	VALVE - WATER, BALL, SPRING RETURN X 1"	30389838
0060	1	FITTING - WATER, "Y" FOR HOSE 3/4"	30389491
0070	1	FITTING - WATER, NIPPLE CLOSE 1" GALV	30315394
0080	1	VALVE -WATER, BALL 3/4" BRASS 600 PSI	30303372
0090	1	FITTING - WATER, COUPLING 3/4"MNPT-MGHT	30309420

70102298



ITEM #10 NOT SHOWN

70102298 - ASSY WATER BLOW OUT SYSTEM

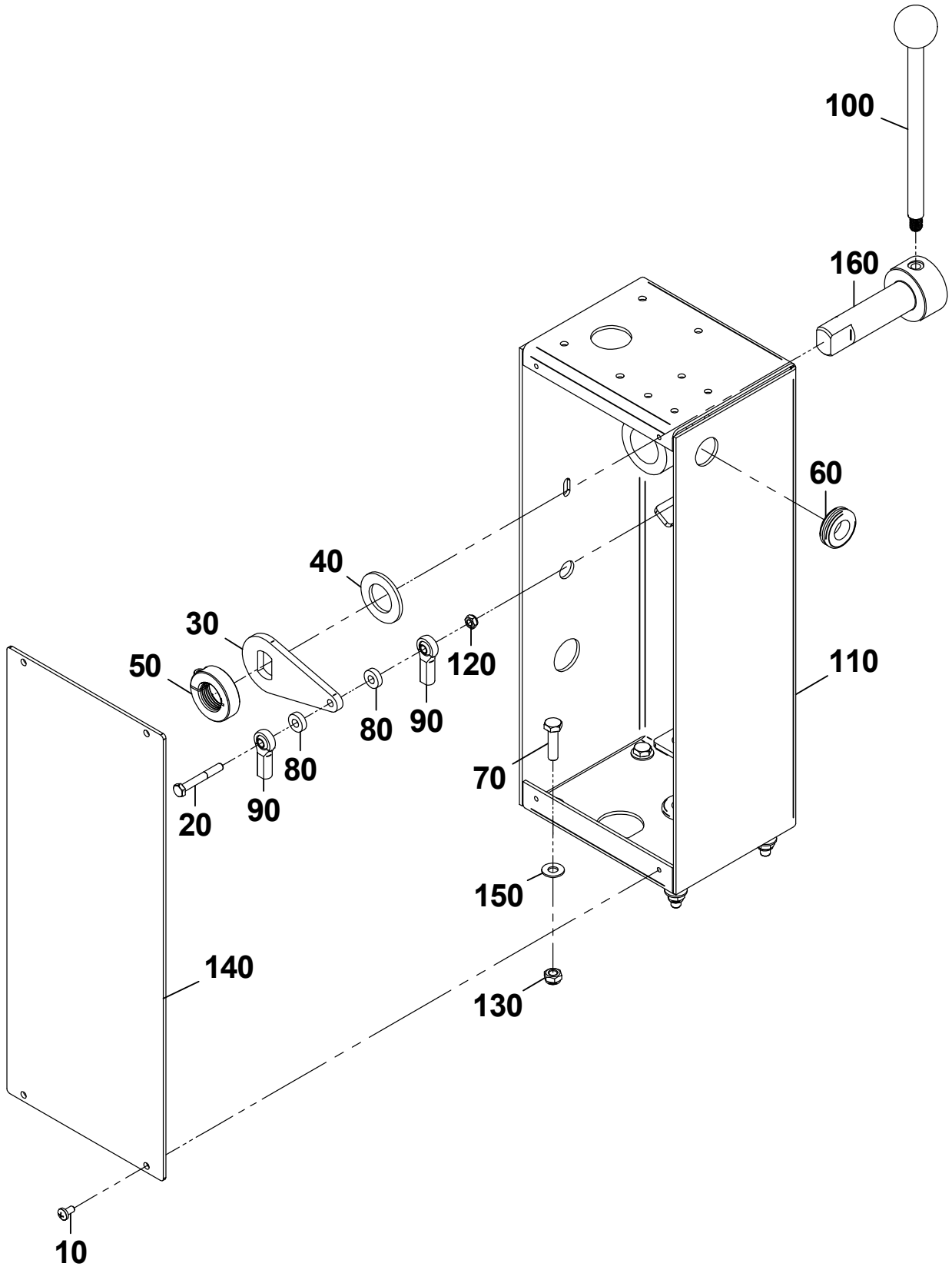
Item	Qty	Description	Part #
1	2	FITTING, CLOSE NIPPLE 1” MNPT	30315394
2	1	FITTING, WATER TEE 1” NPT GALV	30330858
3	1	1 IN BRASS BALL VALVE	30315395
4	1	BUSHING, 1” MNPT X 1/4” FNPT	70102299
5	1	FITTING, ELB STREET 1/4” NPT	30303959
6	1	NIPPLE BRASS PIPE 1/4” MNPT	98389394
7	1	VALVE, BALL 1/4” FNPT	30386890
8	3	FITTING, STR 3/8” TUBE X 1/4” NPTM	30348490
9	1	FITTING, STR TEE, 1/4” NPT	30357578
10	1 FT	TUBE - PLASTIC, AIR LINE 3/8”	30305009

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6.0 Controls / Electrical

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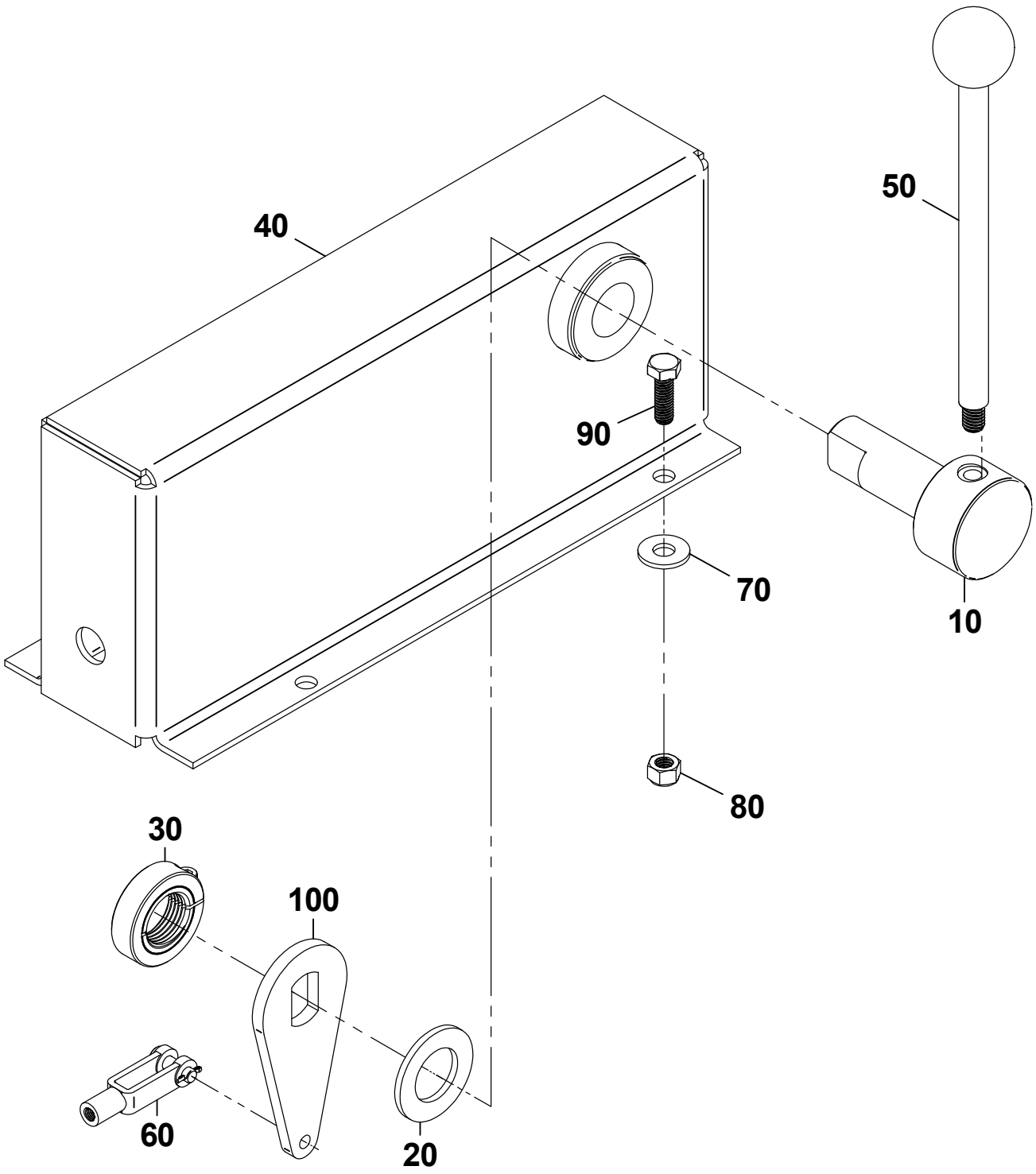
	98401888	
	00	03.11.2015



98401888 - ASSY BASE MANUAL CONTROL

Item	Qty	Description	Part #
0010	4	SCREW - M 5 X 10 4.8 DIN 7985 PHMS	30303951
0020	1	SCREW DIN 931 M 6 X 45-8.8-A2C	10001242
0030	1	LEVER , CABLE	98401815
0040	1	BEARING , THRUST, 1.007 I.D. X 1.735 O.D	98396538
0050	1	COLLAR , CLAMP, THREADED	98396545
0060	3	GROMMET 11/16" ID	30321997
0070	4	SCREW DIN 933 M 8 X 30-8.8-A2C	10001812
0080	2	WASHER -1/4",.28ID,.63OD,.19TH	98361512
0090	2	ROD END -BALL ,1/4-28 FEMALE,1/4HOLE	98361508
0100	1	LEVER - HANDLE WITH BALL 3/8-16 END	98361510
0110	1	ASSY., CAB CONTROL BASE, W/BUSHING	98401814
0120	1	NUT DIN 985 M 6-8-A2C	10011985
0130	4	NUT DIN 985 M 8-8-A2C	10009875
0140	1	COVER , CAB	98401882
0150	8	SCREW RETAINER SKM 8-GT320	10129842
0160	1	PIVOT , SHAFT	98401816

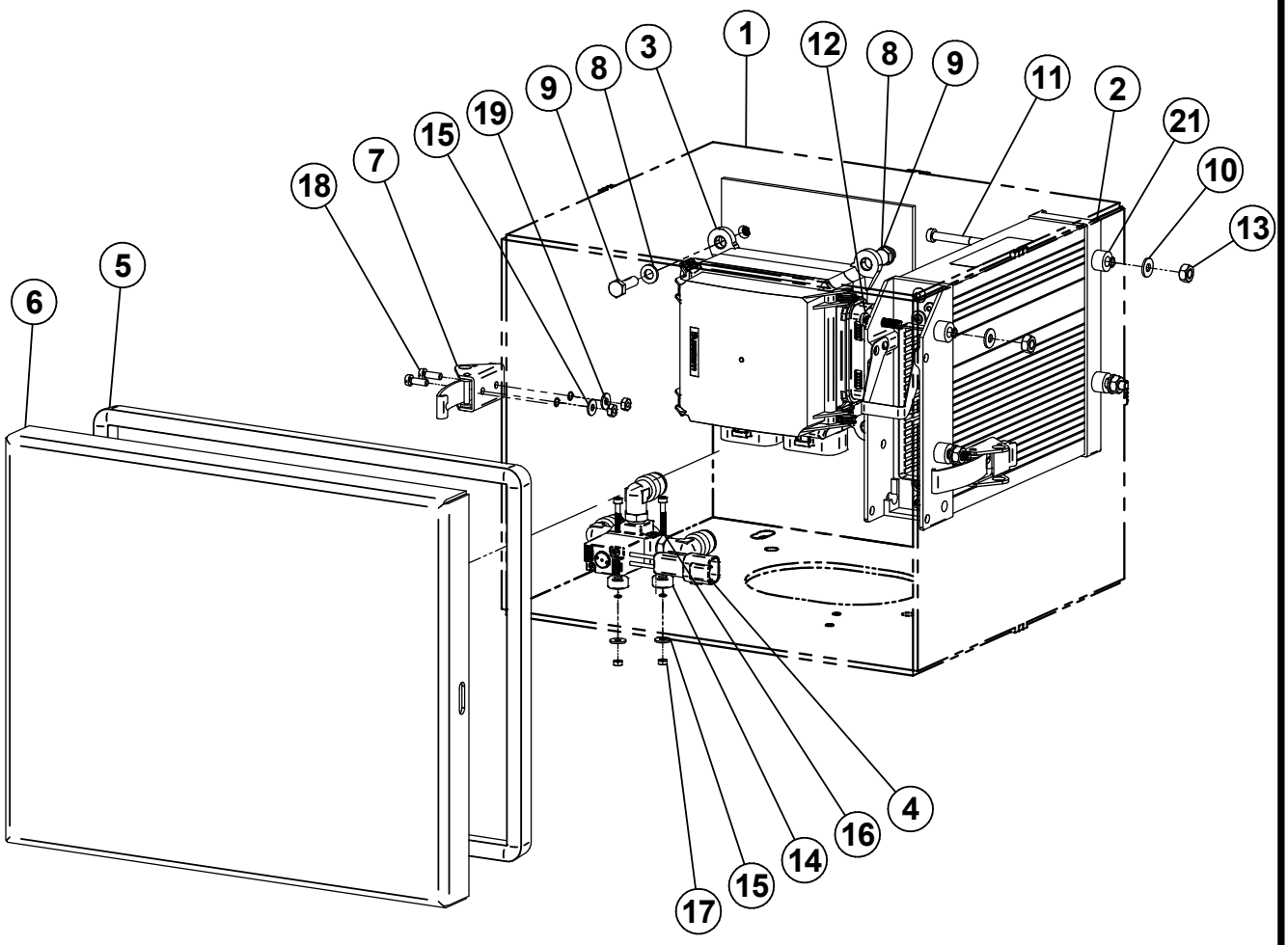
	98398042	
	01	12.11.2015



98398042 - ASSY CONTROL REAR

Item	Qty	Description	Part #
0010	1	SHAFT, CONTROL, REAR	98398040
0020	1	BEARING , THRUST, 1.007 I.D. X 1.735 O.D	98396538
0030	1	COLLAR , CLAMP, THREADED	98396545
0040	1	ASSY., ENCLOSURE CONTROL, REAR, W/BUSHIN	98398036
0050	1	LEVER - HANDLE WITH BALL 3/8-16 END	98361510
0060	1	PARTS - YOKE END ADJUSTABLE W/PIN 1/4"	30389286
0070	4	WASHER - FLAT, 5/16"	30302128
0080	4	NUT - 5/16" NYLOCK	30390383
0090	4	SCREW - HHCS, 5/16-18UNC X 1" - GR 5 -ZP	30373903
0100	1	LEVER, CONTROL, REAR	98398041

70100614

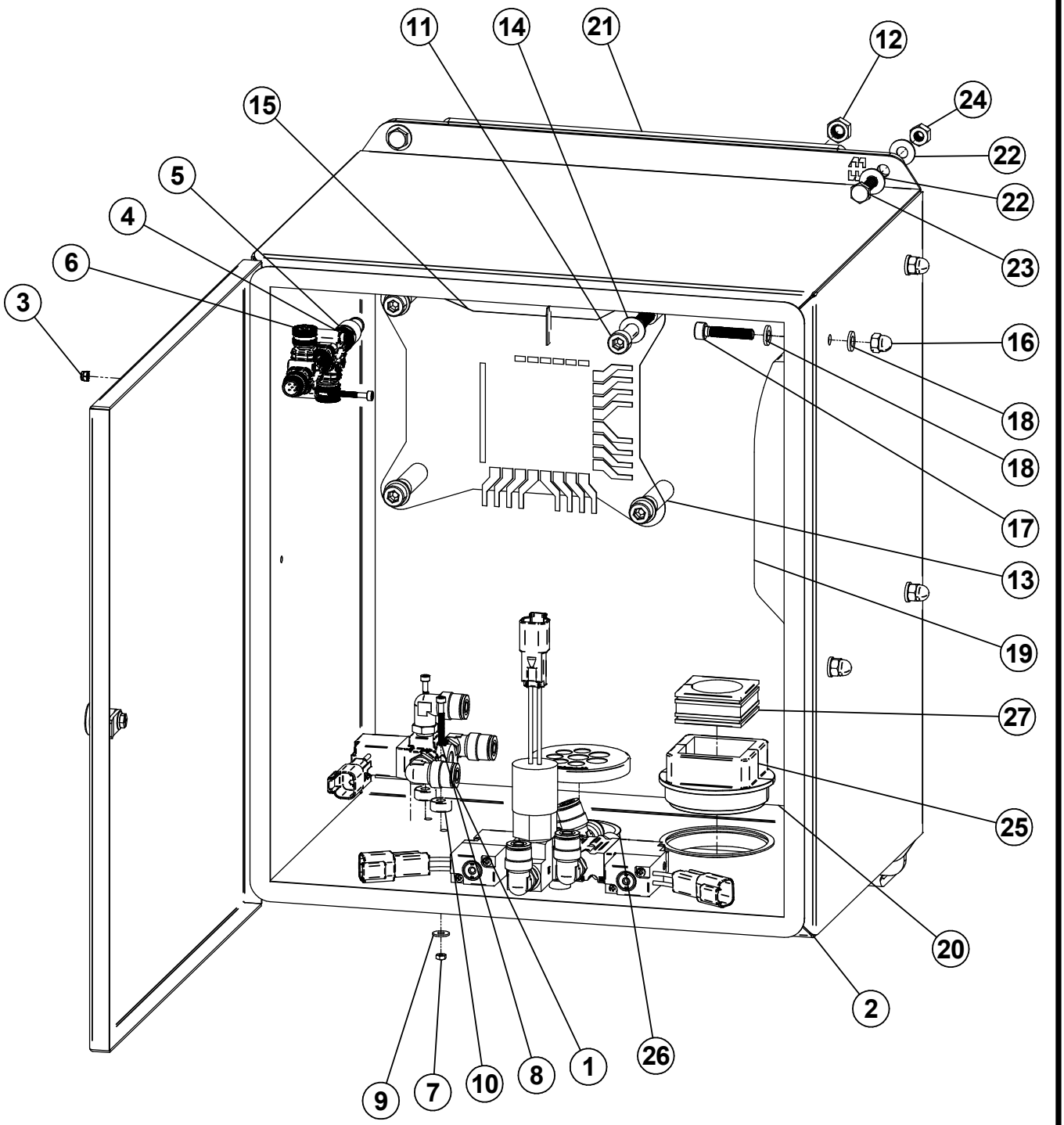


ITEM #20 AND #22 NOT SHOWN

70100614 - ASSY CONTROL PANEL ENCLOSURE

Item	Qty	Description	Part #
1	1	WMT - SCT CONTROL PANEL ENCLOSURE	70100639
2	1	CONTROLLER, PLC CAN MIXER	70100581
3	1	PROT - VEC, MIXER, GEN III	30380822
4	1	ASSY CHUTE LOCK VALVE	98402032
5	1	SLIP-ON PROFILE, SELF CLAMPING	10149005
6	1	SHT - FRMD, PANEL DOOR	98421138
7	2	DOOR LATCH - WORK-LOAD RATED	98421364
8	4	WASHER DIN 125 B 6.4-140HV-A2C	10011106
9	4	SCREW DIN 933 M 6 X 20-8.8-A2C	10001764
10	4	SCREW RETAINER SKM 5-GT320	10145912
11	2	SCREW, M5-0.8 X 65	70100641
12	2	SCREW, M5-0.8 X 25	70100642
13	4	NUT DIN 934 M 5-8-A2C	10001237
14	2	BUSHING UNTHREADED SPACER, NYLON	98404560
15	6	SCREW RETAINER SKM 4-GT320	10145911
16	2	SCREW DIN 912 M 3 X 25-12.9 A2C	98404573
17	2	NUT DIN 934 M 3-8-A2C	10001229
18	4	SCREW DIN 84 M 4 X 12-4.8-VZD	10205470
19	4	NUT DIN 934 M 4-8-A2C	10001230
20	1	SENSOR SPEED DSA 1 SERIES 12 PART	98399307
21	4	1/2 X 5/16 NYLON SPACER	70100640
22	1	RUBBER EDGE - 3/16” BLACK W/METAL CORE	30302690

70101531

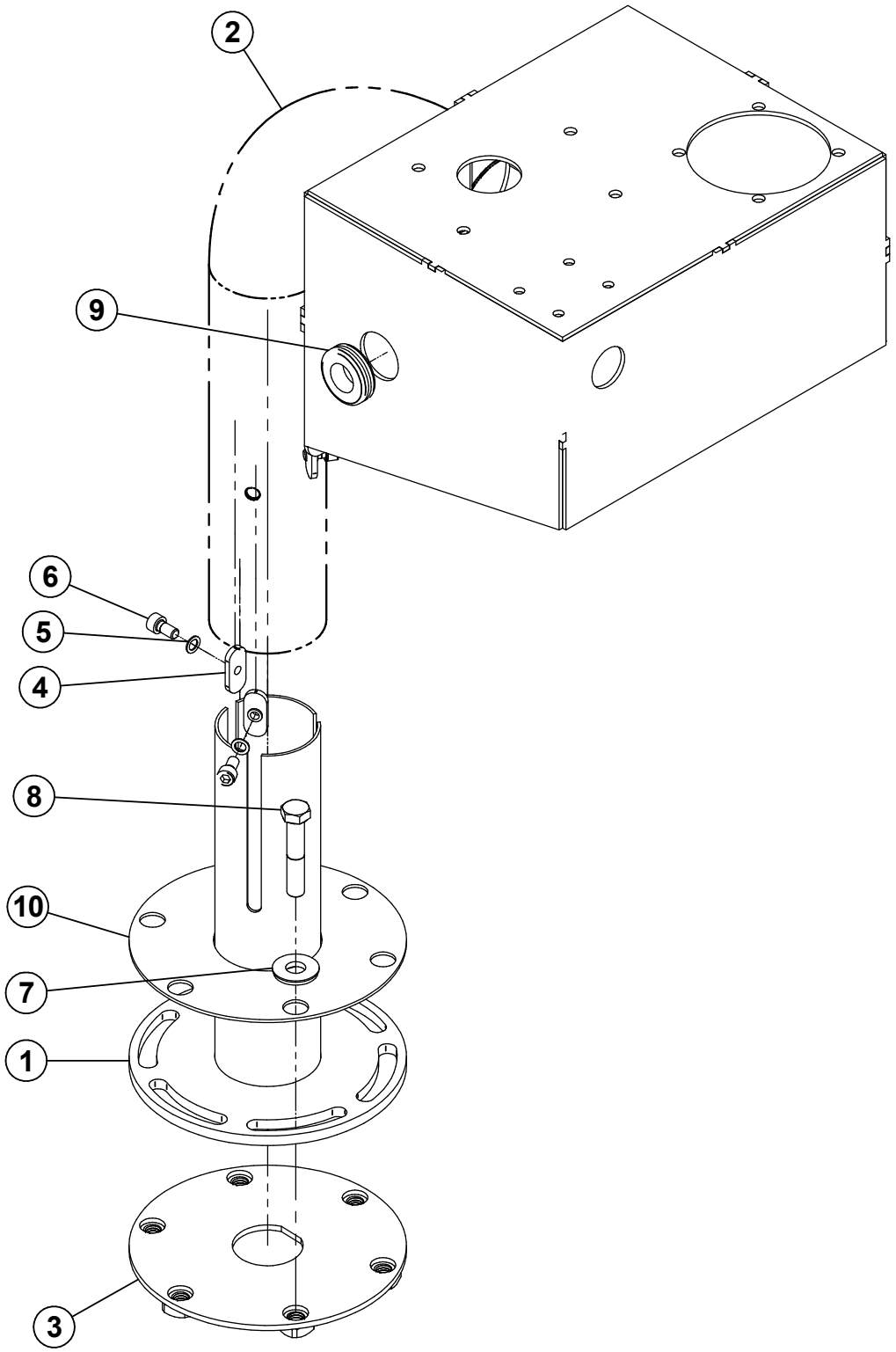


ITEM #28 AND #29 NOT SHOWN

70101531 - ASSY ENCLOSURE, RESULTS

Item	Qty	Description	Part #
1	1	ASSY CHUTE LOCK VALVE	98402032
2	1	ENCL, 16X14X10IN, MOD	70101918
3	2	NUT, NYLCK, M3-0.5	70101863
4	2	SHCS, M3-0.5 X 25MM	70101862
5	1	PLG, M12, 120Ω	70101735
6	2	M12 TEE, 2XFML, 1XML, 5POS	70101742
7	2	NUT DIN 934 M3	10001229
8	2	SCREW DIN 912 M3X25	98404573
9	2	SCREW RETAINER SKM 4-GT320	10145911
10	2	BUSHING UNTHREADED SPACER, NYLON	98404560
11	4	SHCS, M8-1.25 X 65MM, SS	70101860
12	4	NUT, M8-1.25,YZ	70101916
13	4	SPCR,.318IDX4.69ODX1.5”L, AL	70101915
14	4	WASHER, M8, 16MMOD X 1.6MMTHK	70101861
15	1	MVEC,16FUSE,4RELAY	70101901
16	4	NUT, ACORN, M6-1.0	70101849
17	4	HHCS, M6-1.0 X 30MM, BLK OX	70101848
18	8	WASHER, M6, 12MMODX1.6MMTHK	70101847
19	1	PLC, ECOMAT, 60I/O	70101833
20	1	PLT - CONTROL BOX BACKING PLT	70102012
21	1	WLDT - CONTROL BOX MNT	70102011
22	8	WASHER, FLAT, 1/4” USS, ZP	30303735
23	4	SCREW, HHCS, 1/4-20 x 1.00” Gr 5 Fe/Zn	30302132
24	4	NUT - LOCK 1/4”-20 NC NYLON INSERT	30334582
25	1	SPLIT CABLE GLAND	70102020
26	1	GROMMET, 8 CABLE ENTRY	70102021
27	1	SPLT CBL GLND, 31-32 MM CLAMP	70102167
28	1	HRN, CONTROL BOX	70101786
29	1	HRN, PDM BATTERY	70101798

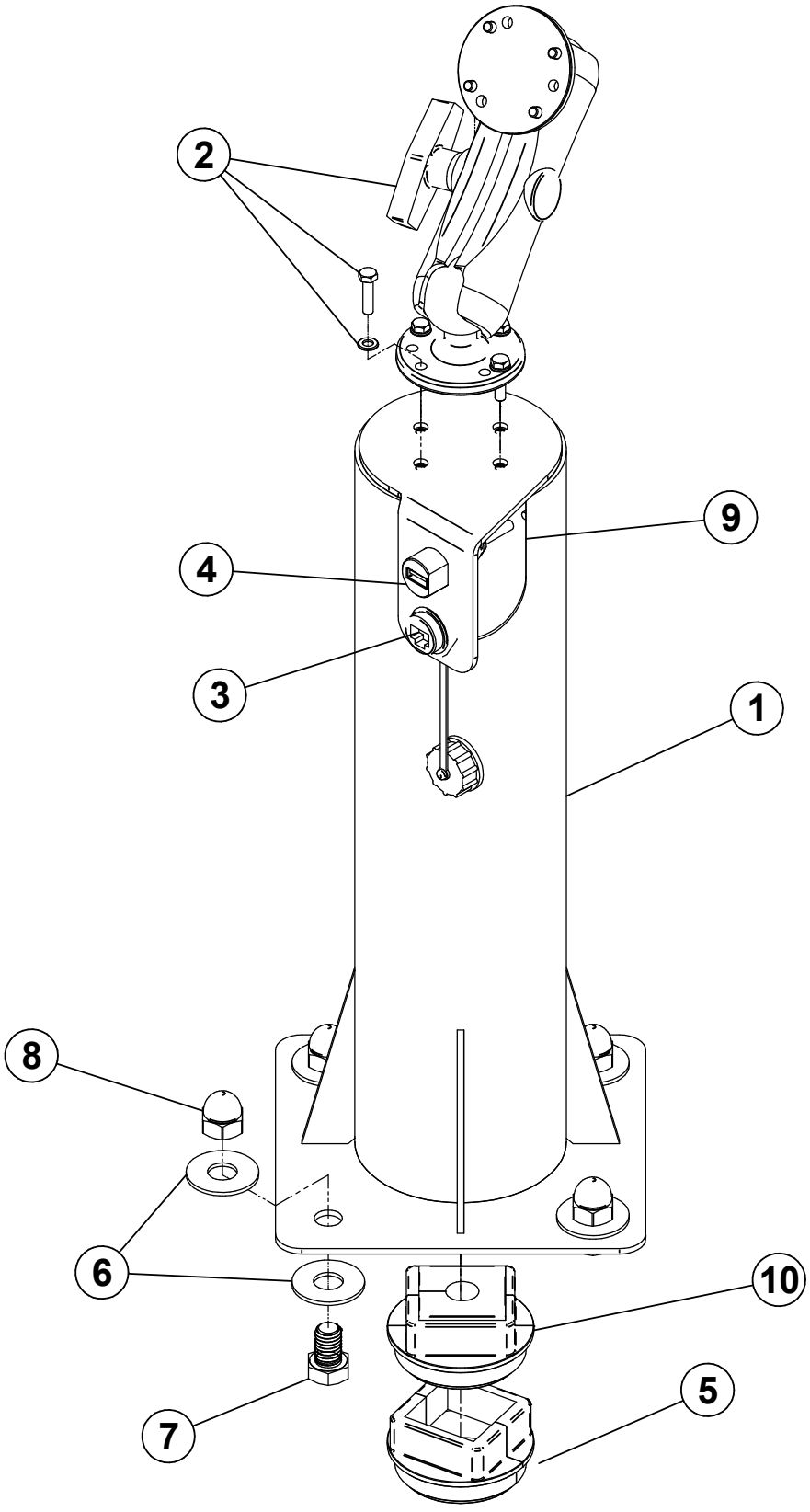
98402179



98402179 - ASSY CAB CONTROL MECHANICAL

Item	Qty	Description	Part #
1	1	WELDMENT, BASE	70101253
2	1	WELDMENT, TOP	98402140
3	1	WELDMENT, BULKHEAD PLATE	70101252
4	3	NUT , M6 X 1.0, "T", SLIDE-IN	98402176
5	3	SCHNORR LOCK WASHER S 6-GT500	10204508
6	3	SCREW DIN 912 M 6 X 12-8.8-A2C	10003577
7	6	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
8	6	HHCS, 3/8”-16 X 2”	70100096
9	1	GROMMET 11/16” ID	30321997
10	1	PLATE, BULKHEAD	70101254

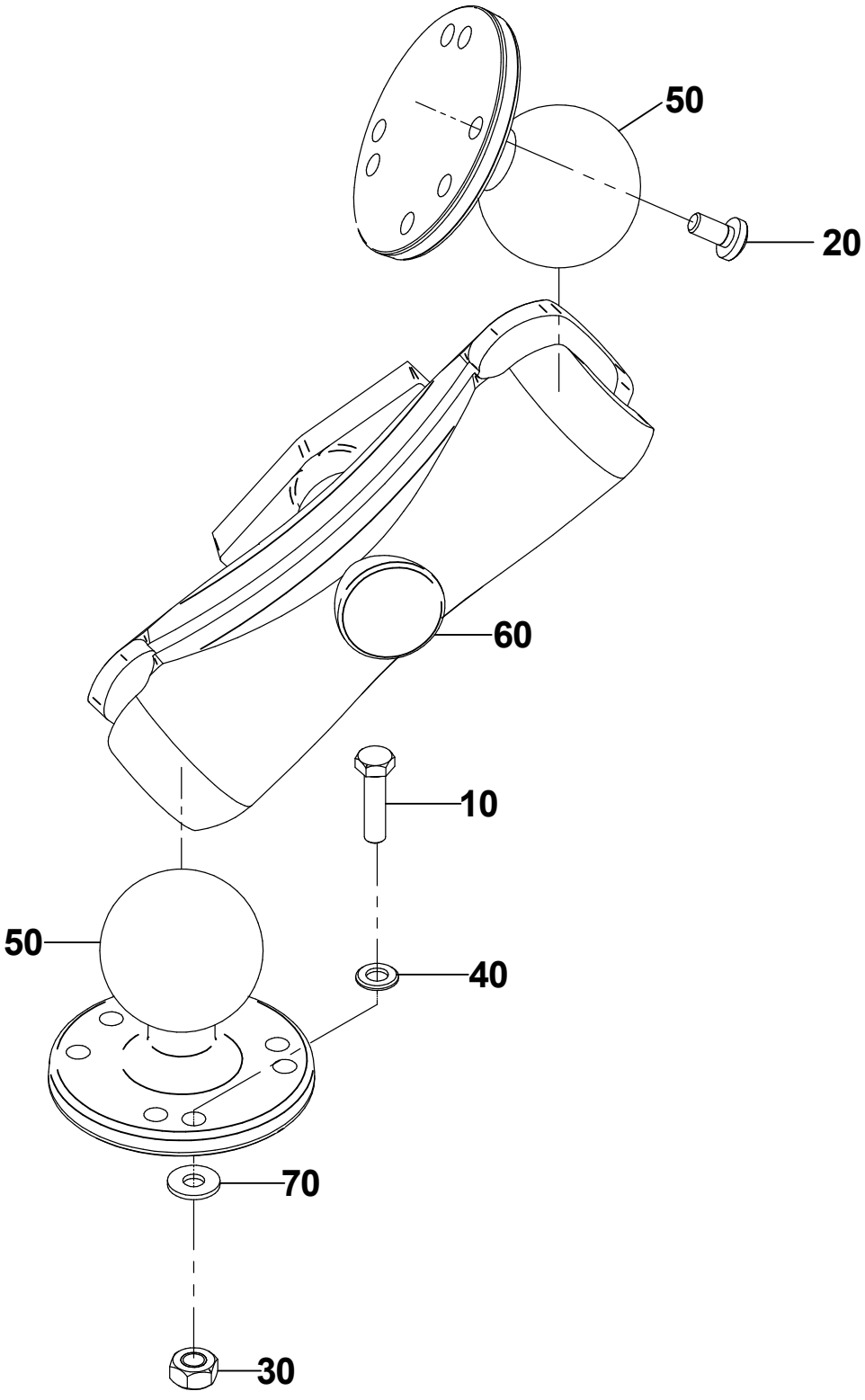
70102162



70102162 - ASSY DISPLAY STAND

Item	Qty	Description	Part #
1	1	WLDT - DISPLAY STAND	70102161
2	1	ASSY , MOUNT, 7 DISPLAY	98402628
3	1	COUPLER, RJ45, BLKHD, W CAP	70101765
4	1	CBL, M12 X USB, 90°, 1.5M	70101704
5	1	SPLIT CABLE GLAND	70102020
6	8	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
7	4	BOLT - 1/2”-13 NC X 3/4” GR. 2	70102163
8	4	NUT - 1/2”-13 NC GR. 5 ZN CAP	70102164
9	7”	RUBBER EDGE - 3/16” BLACK W/METAL CORE	30302690
10	1	SPLT CBL GLND, 25-26 MM CLAMP	70102170

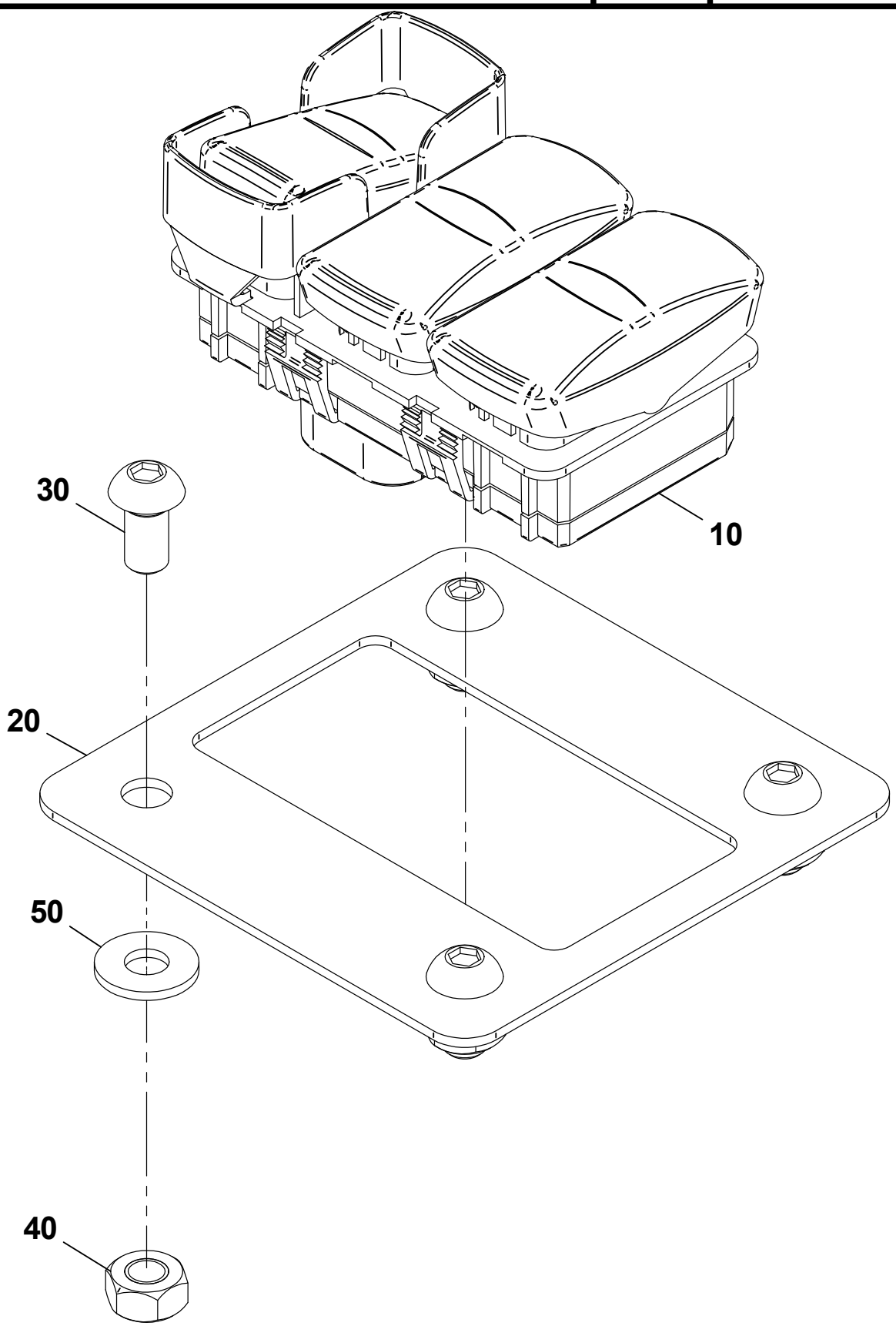
	98402628	
	01	24.04.2018



98402628 - ASSY MOUNT 7” DISPLAY

Item	Qty	Description	Part #
10	4	SCREW DIN 933 M 5 X 20-8.8-VZD	10001742
20	4	SCREW - M 5 X 10 4.8 DIN 7985 PHMS	30303951
30	4	NUT DIN 934 M 5-8-VZD	10001237
40	4	WASHER DIN 125 B 5.3-140HV-A2C	98432854
50	2	MOUNT, RAM BALL	98396568
60	1	ARM, MEDIUM, RAM MOUNT	98402627
70	4	SCREW RETAINER SKM 5-GT320	10145912

	98401001	
	01	23.05.2017



98401001 - KIT ICT ROCKER SWITCH OPTION

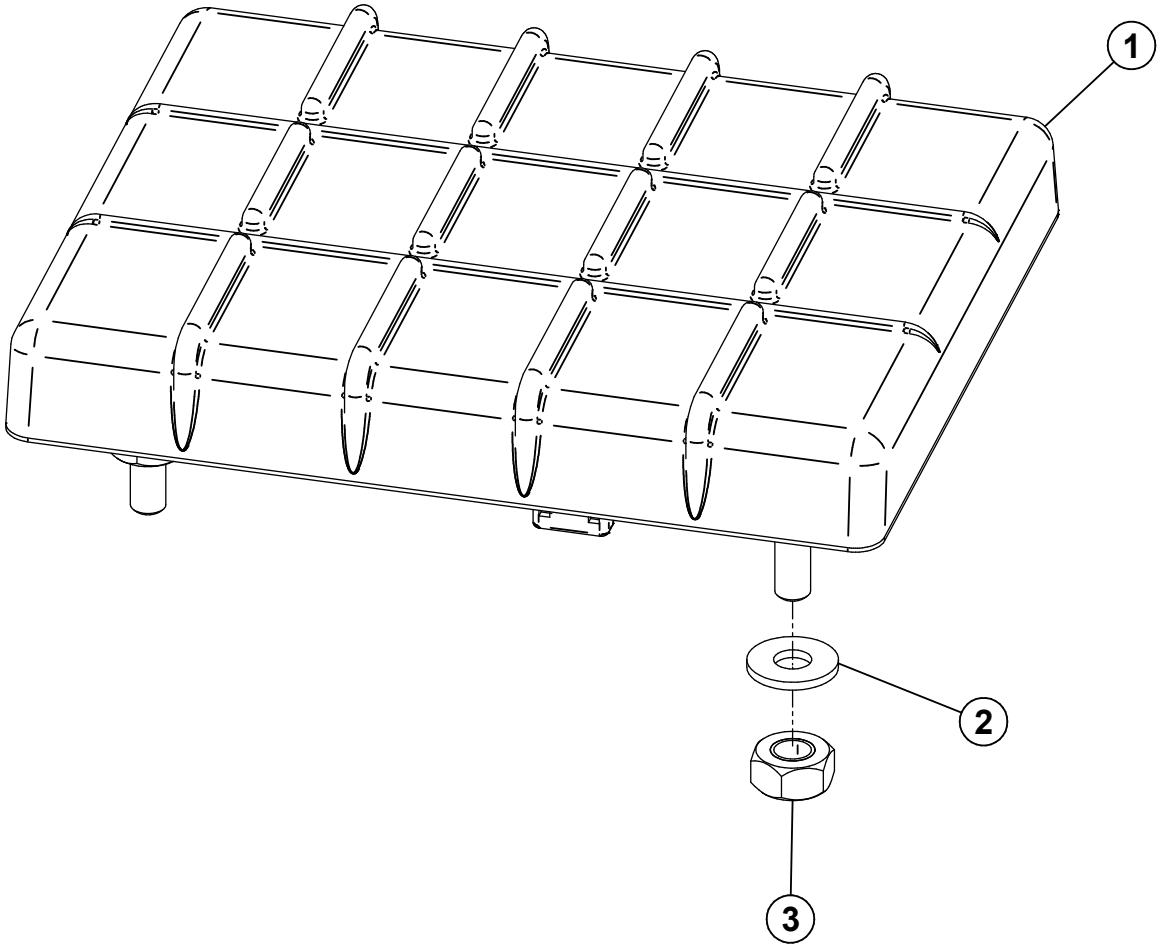
Item	Qty	Description	Part #
10	1	OPERATOR ROCKER SWITCH CAN MODULE	98396019
20	1	PLATE, ROCKER SWITCH ADAPTER	98396987
30	4	SCREW, ISO 7380-1 M6-1X12 GR10.9 A2T	98402622
40	4	NUT DIN 934 M 6-8-A2C	10001244
50	4	SCREW RETAINER SKM 6-GT320	10134153

No Drawing Avaliable For 98401171

98401171 - ASSY ICT 7” DISPLAY OPTION

Item	Qty	Description	Part #
0010	1	DISPLAY 7" CAN MIXER	98395783
0020	1	ASSY , MOUNT, 7 DISPLAY	98402628
0060	1	CABLE SPLITTER M12 TO MALE&FEMALE M12	98399304
0070	1	ALARM - AUDIBLE, MIXER CONTROL	30389965
0080	1	ASSY ICT MIXER REAR VIEW CAMERA	98404870

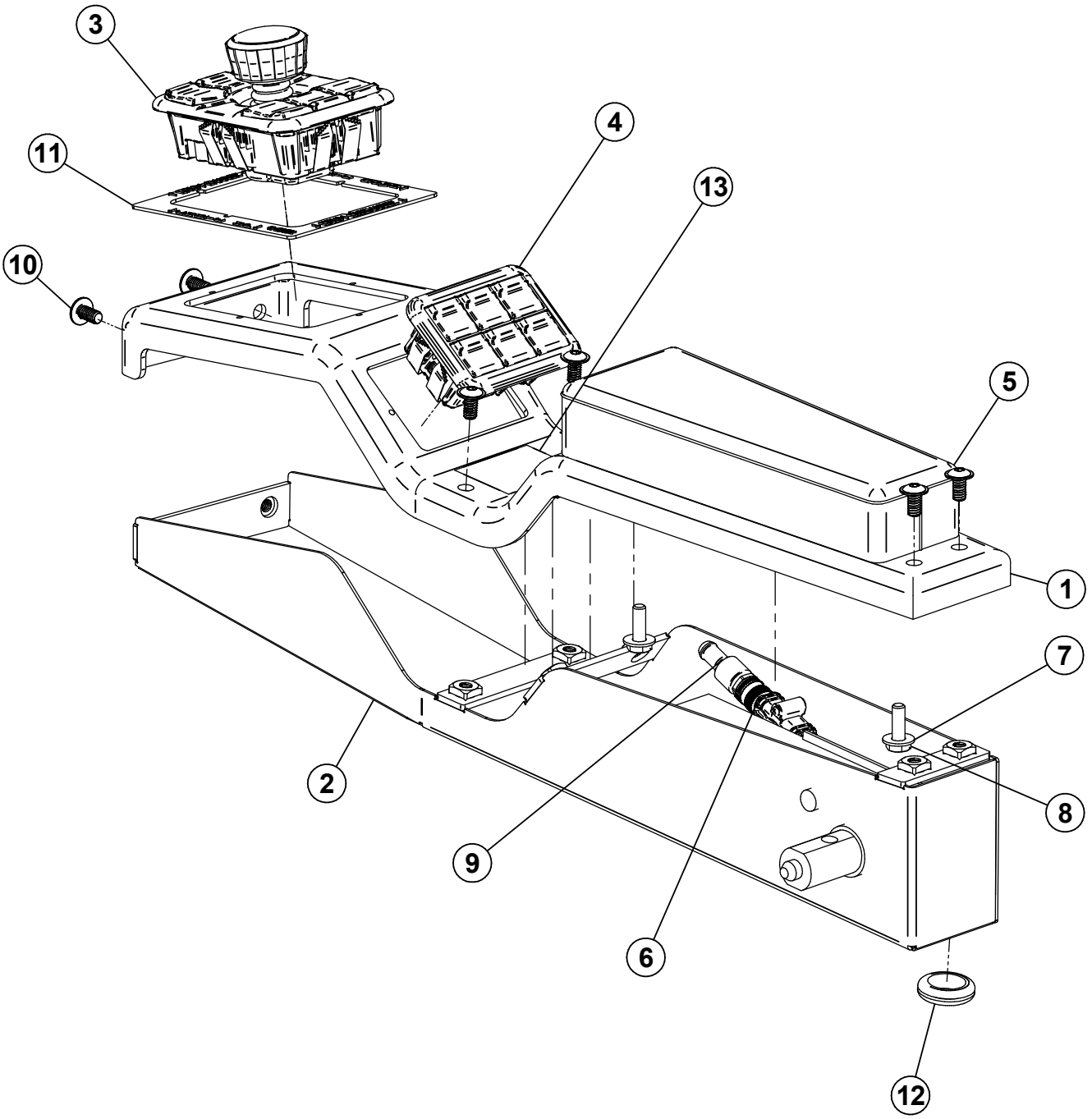
98402236



98402236 - ASSY ICT 15-BUTTON KEYPAD OPTION

Item	Qty	Description	Part #
1	1	KEY PAD 15-BUTTON MIXER	98394828
2	4	SCREW RETAINER SKM 5-GT320	10145912
3	4	NUT ISO 4032 M5X0.8	10001237

70102265

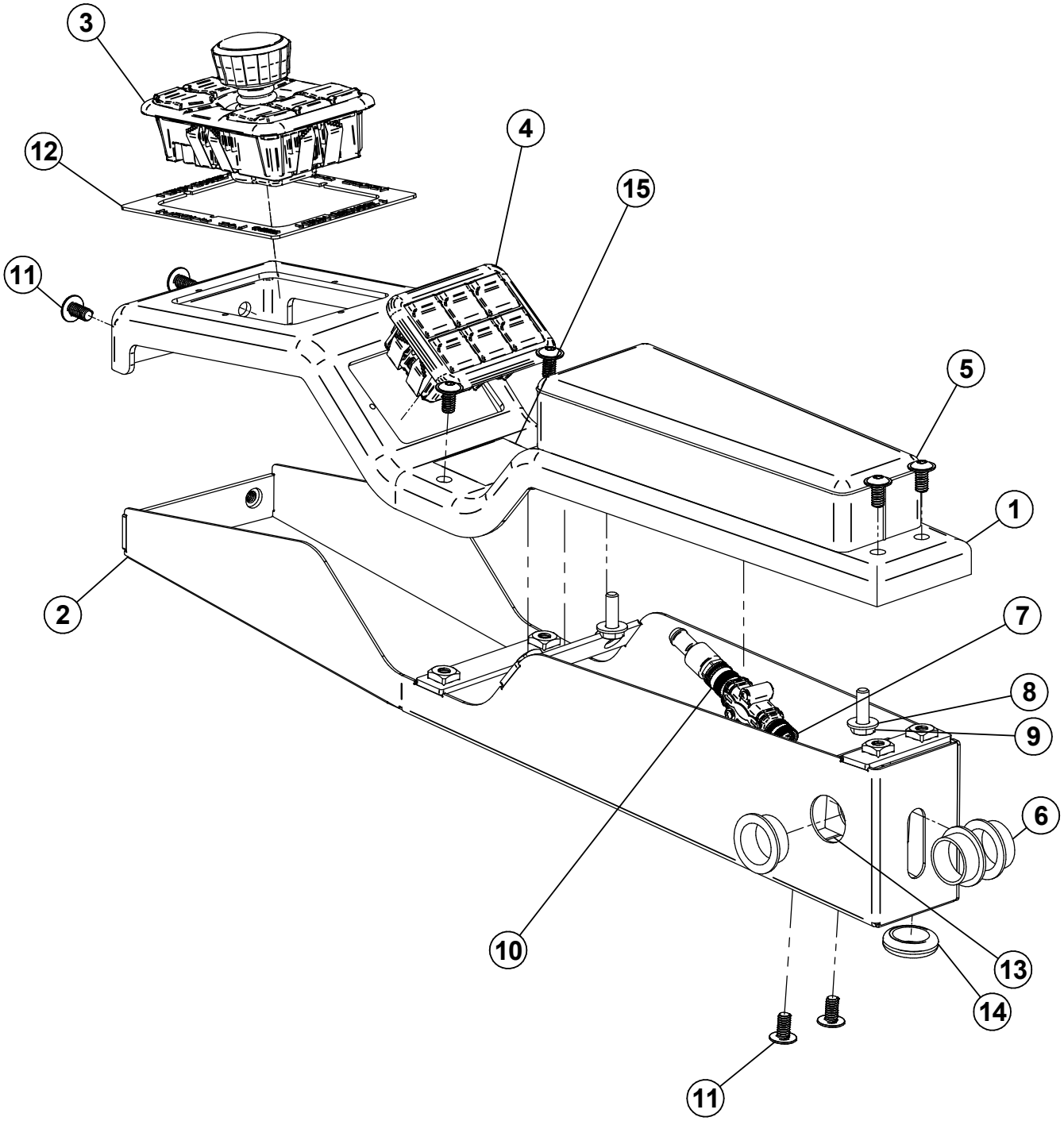


ITEM #14 NOT SHOWN

70102265 - ASSY ARMREST, DAIMLER

Item	Qty	Description	Part #
1	1	ARMREST CAP	70102222
2	1	WLDT-ARMREST DAIMLER	70102269
3	1	JOYSTICK, 4DOF, 6BTN, J1939	70101898
4	1	KEYPAD, 6BTN, J1939	70101899
5	1	ARMREST PAD	70102283
6	1	M12 TEE, 2XFML, 1XML, 5POS	70101742
7	2	WASHER, FLAT, 1/4” USS, ZP	30303735
8	2	SCREW - HHC, 1/4-20 X 0.75” GR 5	70100966
9	1	RCP, M12, 120 OHM	70101912
10	8	BUTTON HEAD, 1/4-20 X 1/2”, BO	70102286
11	1	DECAL, JOYSTICK	70102287
12	1	GROMMET, ARMREST	70102285
13	1	DECAL, JOYSTICK	70102288
14	1	HRN, ARMREST	70101783

70102266

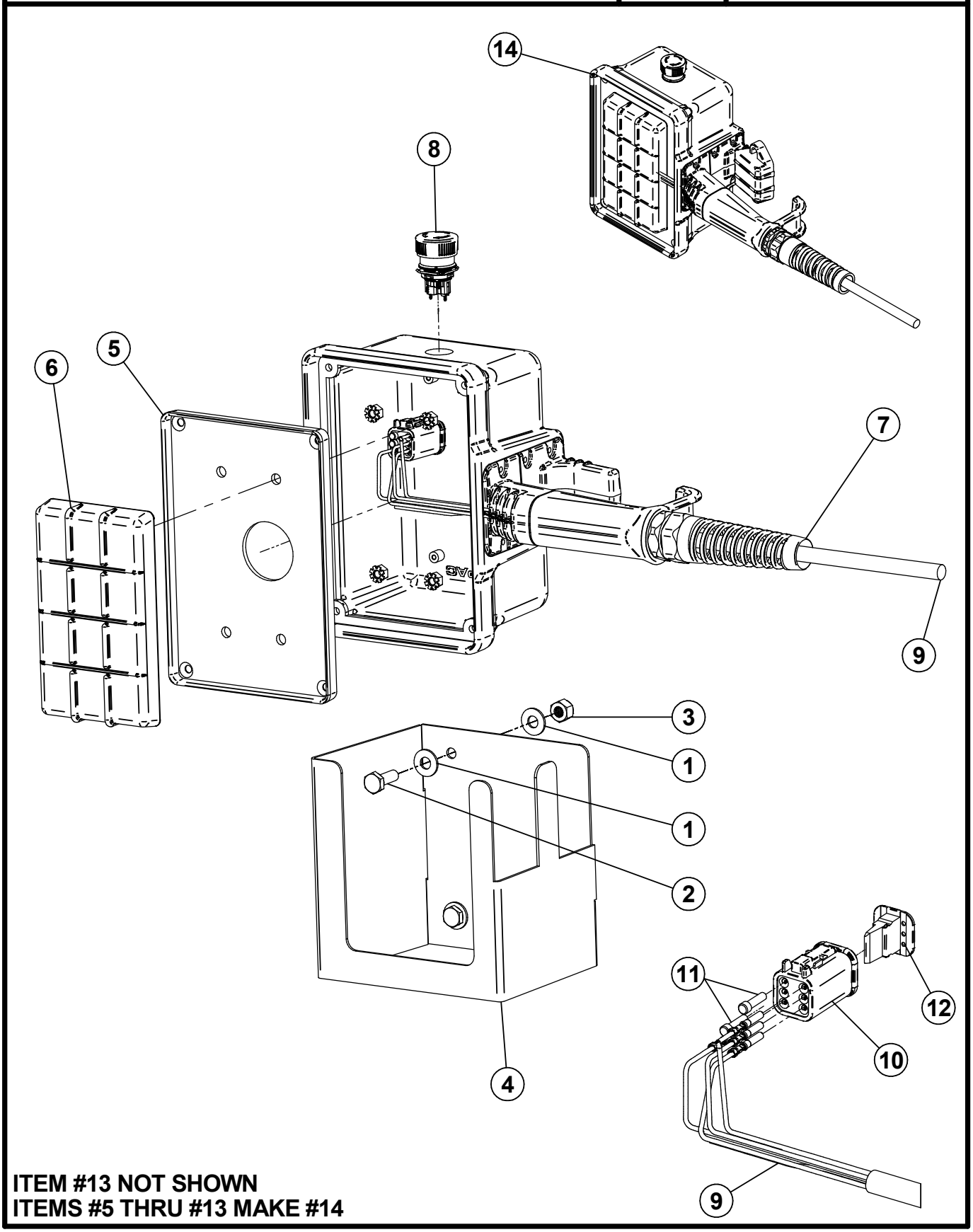


ITEM #16 NOT SHOWN

70102266 - ASSY ARMREST, PACCAR

Item	Qty	Description	Part #
1	1	ARMREST CAP	70102222
2	1	WLDT-ARMREST DAIMLER	70102271
3	1	JOYSTICK, 4DOF, 6BTN, J1939	70101898
4	1	KEYPAD, 6BTN, J1939	70101899
5	1	ARMREST PAD	70102283
6	3	FLANGED BUSHING, ARMREST	70102284
7	1	M12 TEE, 2XFML, 1XML, 5POS	70101742
8	2	WASHER, FLAT, 1/4” USS, ZP	30303735
9	2	SCREW - HHC, 1/4-20 X 0.75” GR 5	70100966
10	1	RCP, M12, 120 OHM	70101912
11	8	BUTTON HEAD, 1/4-20 X 1/2”, BO	70102286
12	1	DECAL, JOYSTICK	70102287
13	1	WLDT-ROD RESTRAINT	70102295
14	1	GROMMET, ARMREST	70102285
15	1	DECAL, JOYSTICK	70102288
16	1	HRN, ARMREST	70101783

70102334

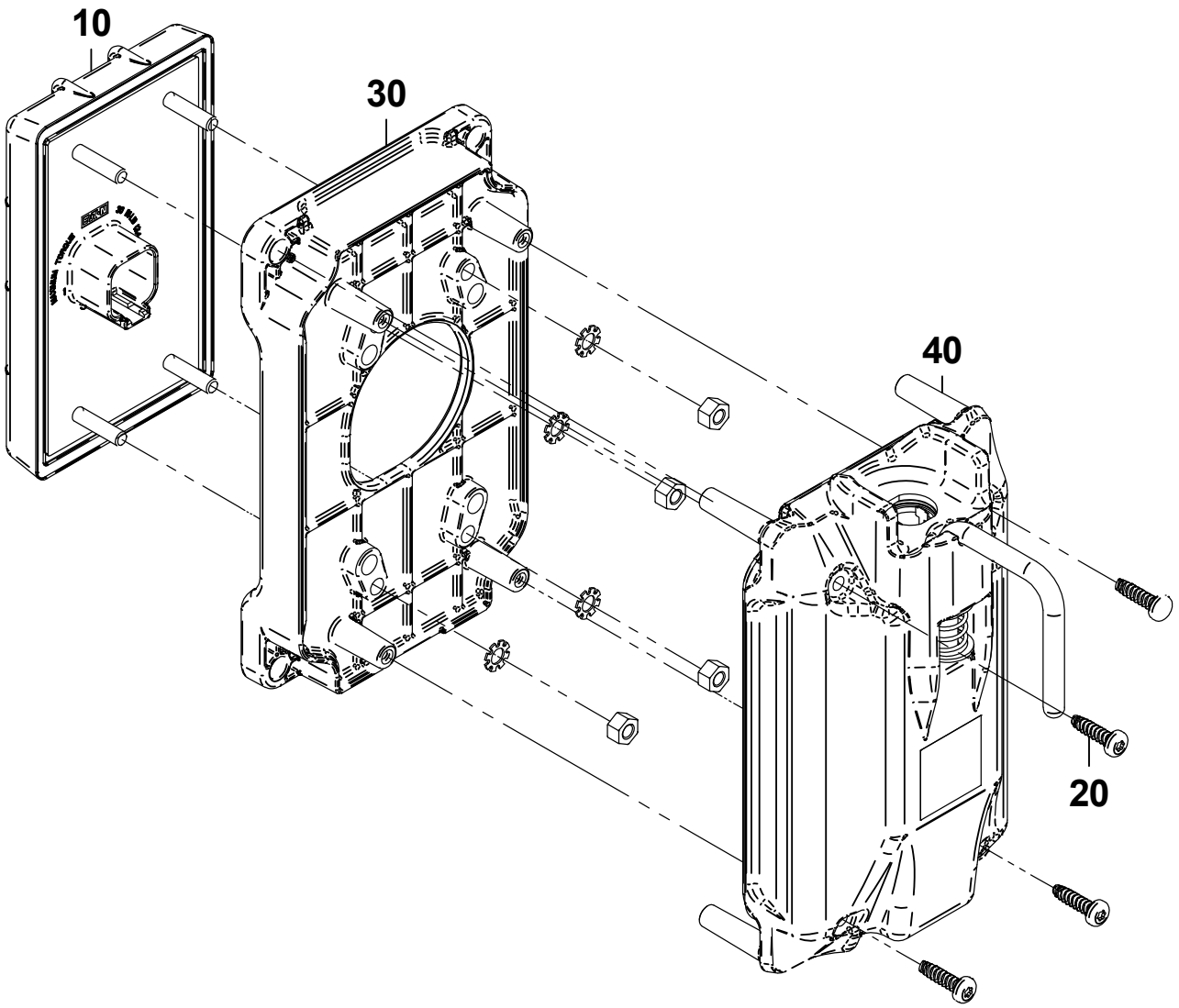


ITEM #13 NOT SHOWN
ITEMS #5 THRU #13 MAKE #14

70102334 - ASSY SERPAC WIRED PENDANT

Item	Qty	Description	Part #
1	4	WASHER, FLAT 1/4”	30303735
2	2	BOLT 1/4”-20 X 3/4”	30373841
3	2	NUT, 1/4”-20 NYLOCK	30391374
4	1	WLDT-MOUNT, SERPAC WIRED PENDANT	70102337
5	1	SERPAC - MODIFIED	70102395
6	1	KEYPAD 12-BUTTON ICT MIXER	98394829
7	1	CORD GRIP, PG-16	70102344
8	1	SWITCH, E-STOP BUTTON 16MM	70102339
9	1	HRN, PENDANT, CABLE	70102356
10	1	CONNECTOR DEUTSCH, DT06-6S	98355016
11	2	CONNECTOR SEALING PLUG	30337578
12	1	CONNECTOR 6 PIN PLUG LOCKING WEDGE	30339818
13	1	HRN, PENDANT, ENCLOSURE	70102357
14	1	SERPAC WIRED PENDANT	70102445

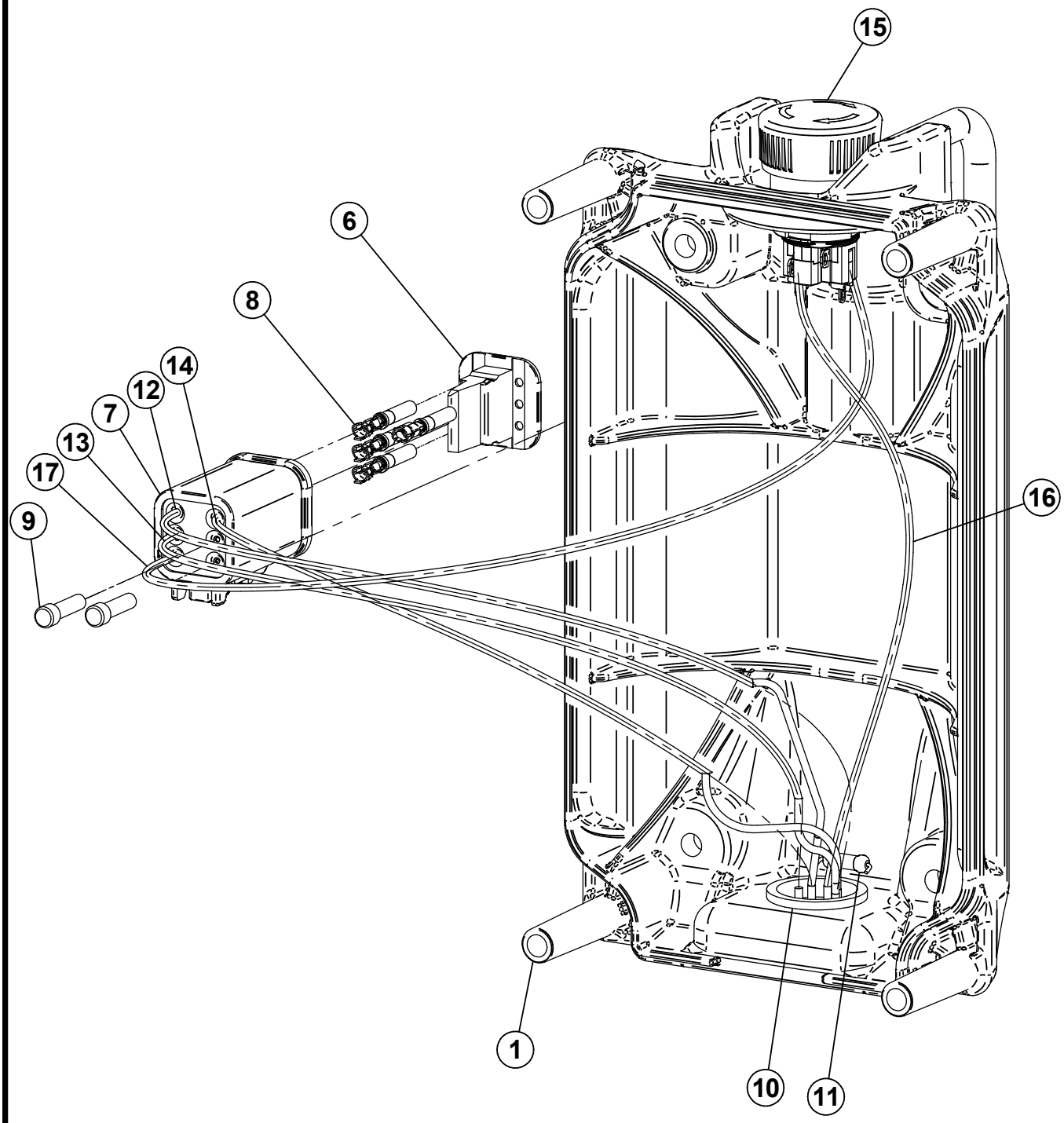
	98401704	
	03	25.07.2016



98401704 - ICT PENDANT

Item	Qty	Description	Part #
10	1	KEYPAD 12-BUTTON ICT MIXER	98394829
20	4	SCREW 16 MM THREAD-FORMING	98398131
30	1	HOUSING PENDANT FRONT	98398130
40	1	ASSY ICT PENDANT REAR HOUSING	98404217

98404217

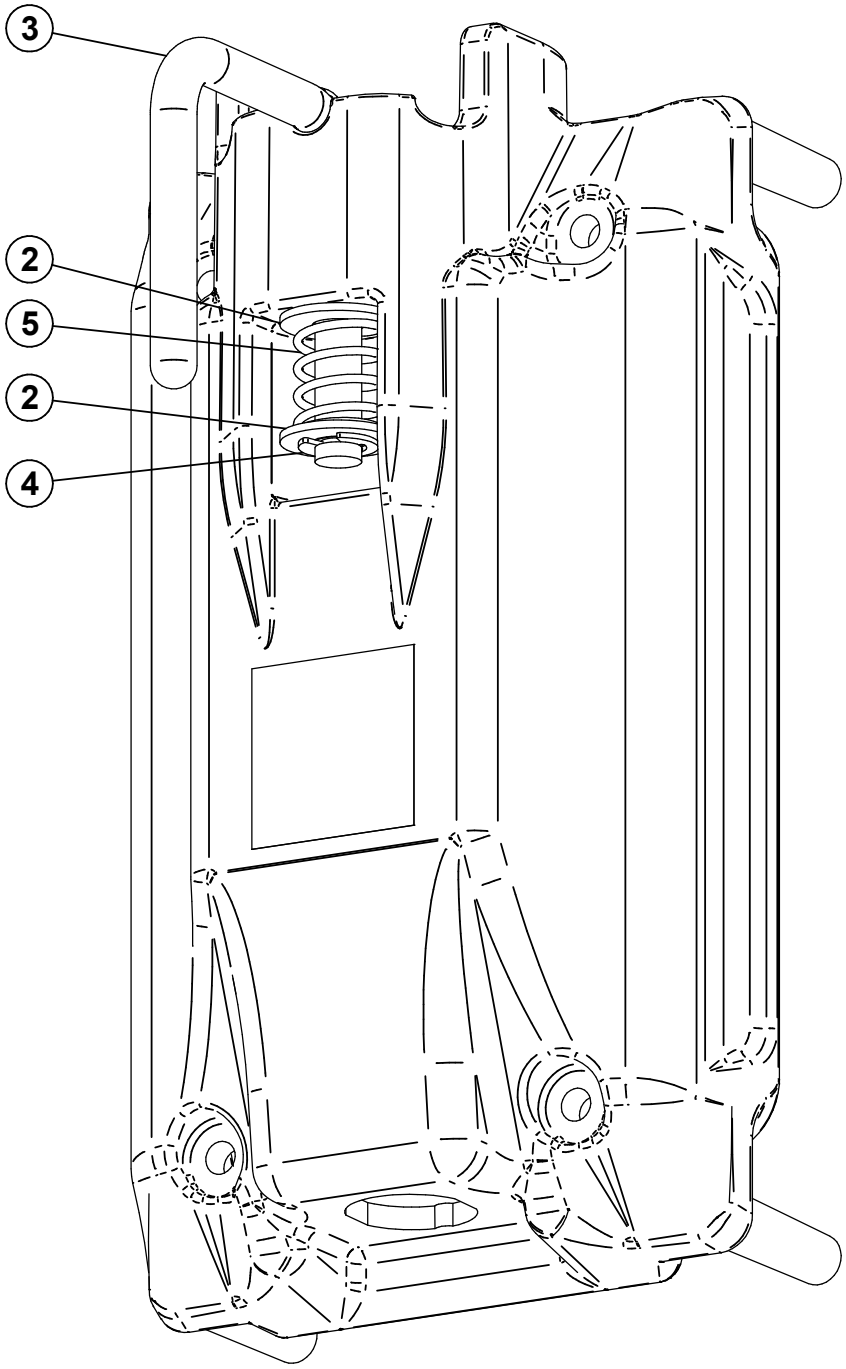


ITEM #18 NOT SHOWN

98404217 - ASSY ICT PENDANT REAR HOUSING (1 of 3)

Item	Qty	Description	Part #
1	1	HOUSING - BACK, REAR CONTROL PENDANT	98398129
2	2	WASHER CHUTE HOOK TOP	98398133
3	1	HOOK CHUTE REAR CONTROL PENDANT	98398128
4	1	RETAINING RING, REAR CONTROL PENDANT	98398134
5	1	SPRING- CHUTE HOOK, REAR CONTROL PENDANT	98398132
6	1	CONNECTOR 6 PIN PLUG LOCKING WEDGE DEUTS	30339818
7	1	SOCKET 6-CONNECTOR	98355016
8	4	SOCKET FEMALE	30381934
9	2	CONNECTOR SEALING PLUG	30337578
10	1	CONNECTOR M16 5 PIN RECEPTACLE	98404758
11	1	RESISTOR 120 OHMS 1/2 WATT BN-RD-BN	98378174
12	1 FT	WIRE 18GA TXL YELLOW WAY-TEK TXL18-4	70100229
13	1 FT	WIRE 18GA TXL YELLOW WAY-TEK TXL18-4	70100230
14	1 FT	WIRE 18GA TXL YELLOW WAY-TEK TXL18-4	70100228
15	1	SWITCH E-STOP BUTTON 16MM	98403507
16	1 FT	WIRE 18GA TXL WHITE WAY-TEK TXL18-9	70100231
17	1 FT	WIRE 18GA TXL WHITE WAY-TEK TXL18-9	70100227
18	1	CORROSION PROTECTOR ELECTRICORR VPCI-239	30361591

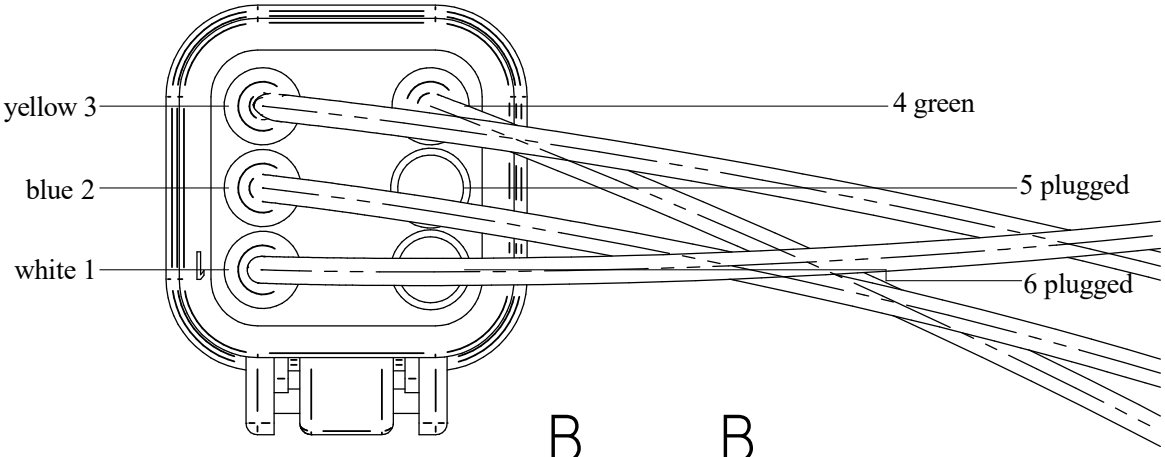
98404217

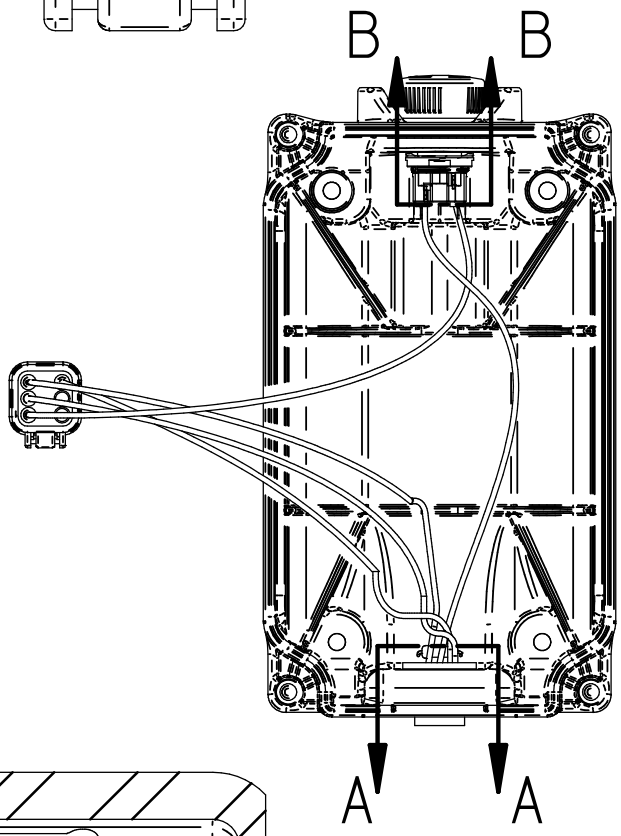


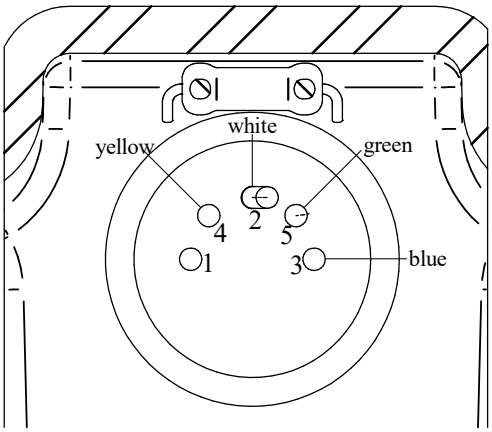
98404217 - ASSY ICT PENDANT REAR HOUSING (2 of 3)

Item	Qty	Description	Part #

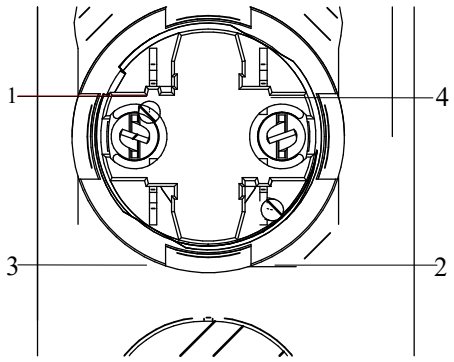
98404217







SECTION: A-A

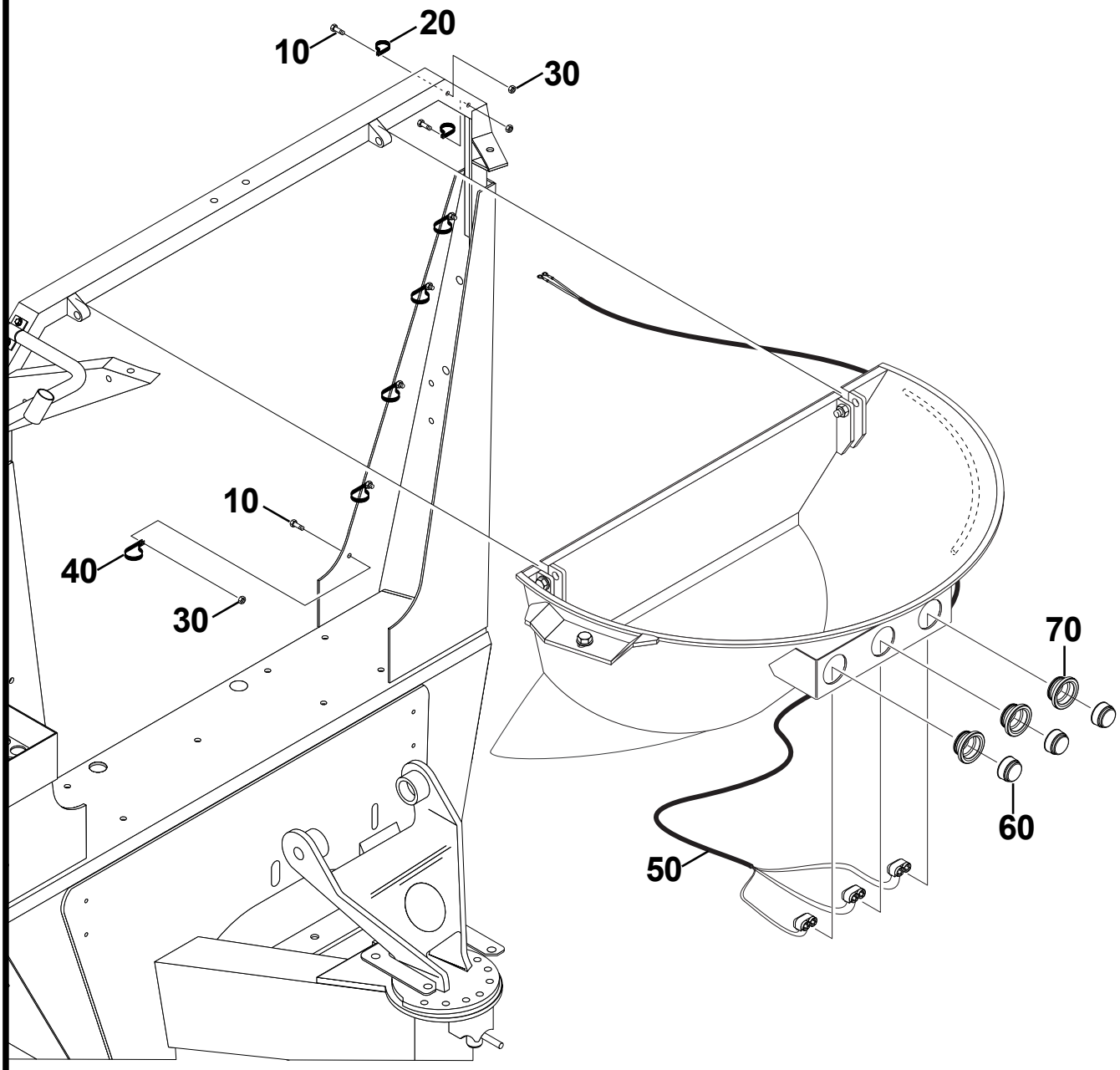


SECTION: B-B

98404217 - ASSY ICT PENDANT REAR HOUSING (3 of 3)

Item	Qty	Description	Part #

	00	10.02.2016

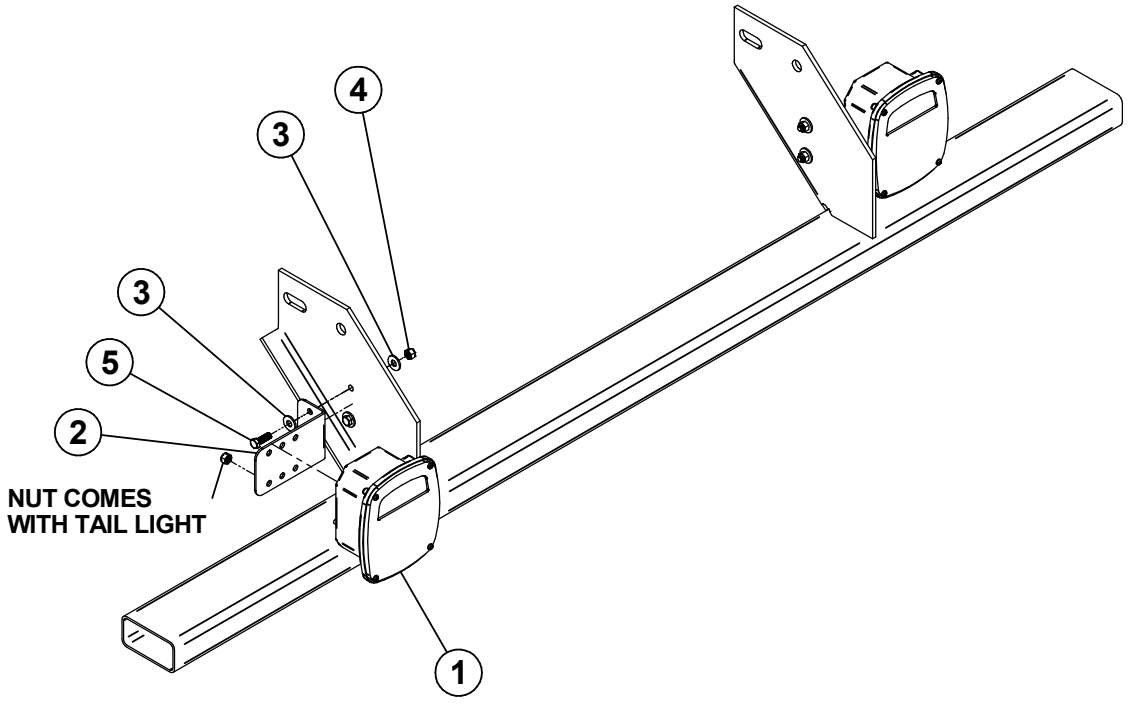


ASSY - HOPPER LIGHTS & HARNESS MOUNTING

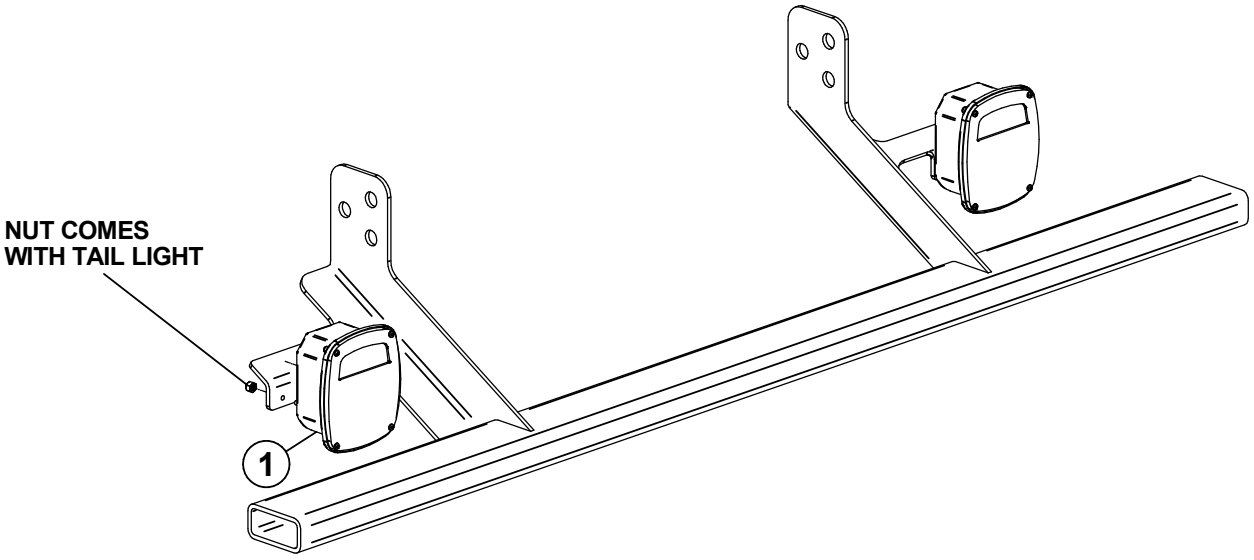
Item	Qty	Description	Part #
10	7	HHCS 1/4” X 1”	30302132
20	2	CLAMP HARN. 3/4”	30359261
30	7	LOCK NUT 1/4”	30334582
40	5	CLAMP HARN. 1”	30359262
50	1	HOPPER LIGHT HARN.	30389346
60	3	RED MARKER LIGHT	30369467
70	3	GROMMET 2.5”	30389481

BUMPER LIGHT

CONVENTIONAL BUMPER



BOOSTER BUMPER

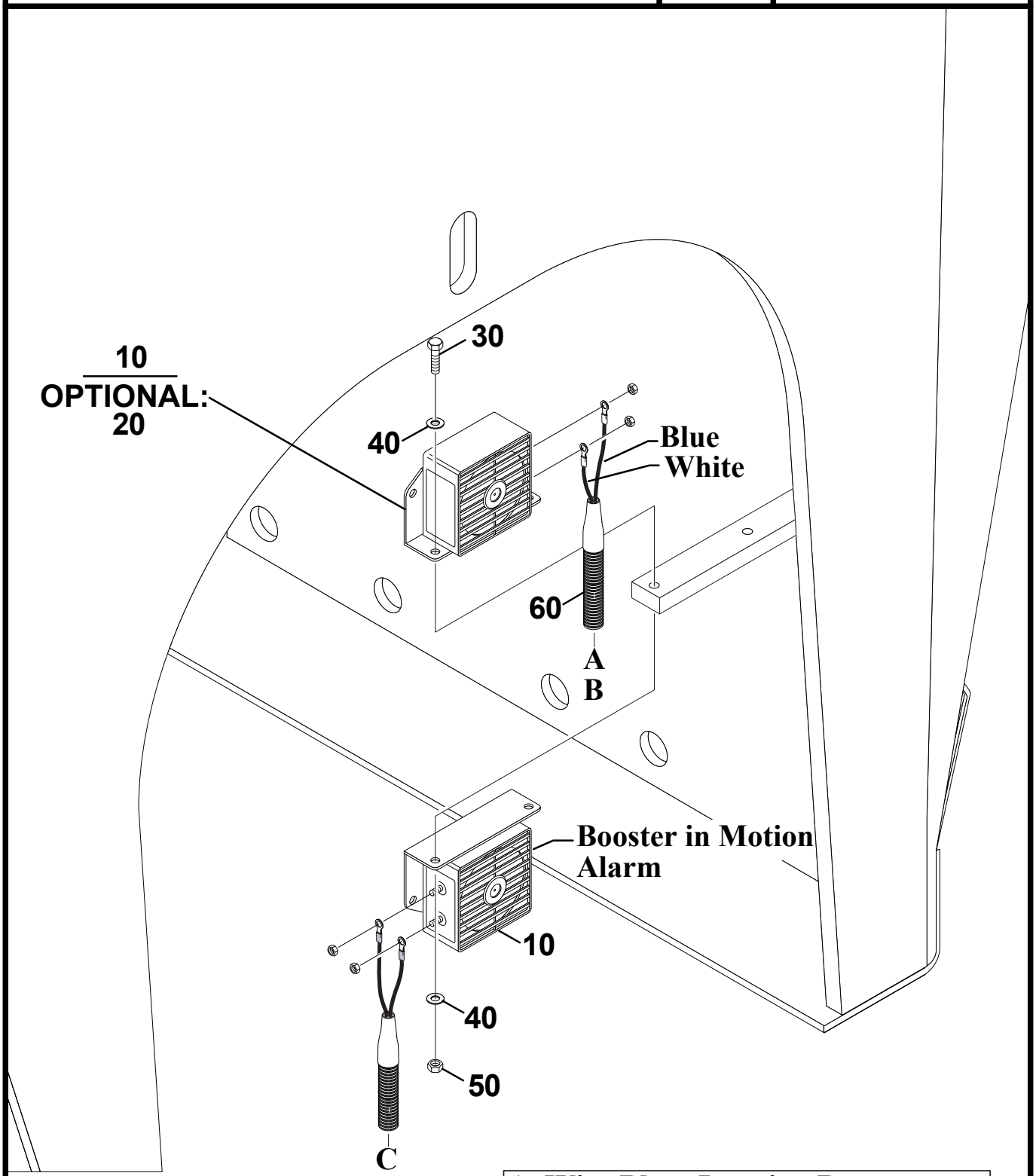


ITEM #6 NOT SHOWN

BUMPER TAIL LIGHT MOUNTING

Item	Qty	Description	Part #
1	2	COMBINATION BOX LIGHT	70100487
2	2	PLATE, TAIL LIGHT BRACKET	70100536
3	8	WASHER - FLAT, 5/16”	30302128
4	4	NUT - 5/16” NYLOCK	30390383
5	4	SCREW - HHCS, 5/16”-18 X 1	30373903
6	2	TAIL LIGHT HARNESS	70100537

	00	10.02.2016



A Wire Blue, Junction Box
B Wire White, Junction Box
C Main Harness (Gen 3) - 30380809

ALARMS (GEN 3)

Item	Qty	Description	Part #
10	2	ALARM	30337019
20	1	BACK-UP ALARM WHITE NOISE	98385665
30	2	HHCS 1/4” X 1”	30302132
40	4	FLAT WASHER 1/4”	30303735
50	2	LOCK NUT 1/4”	30334582
60	1	HARN BACK UP ALARM	30359462

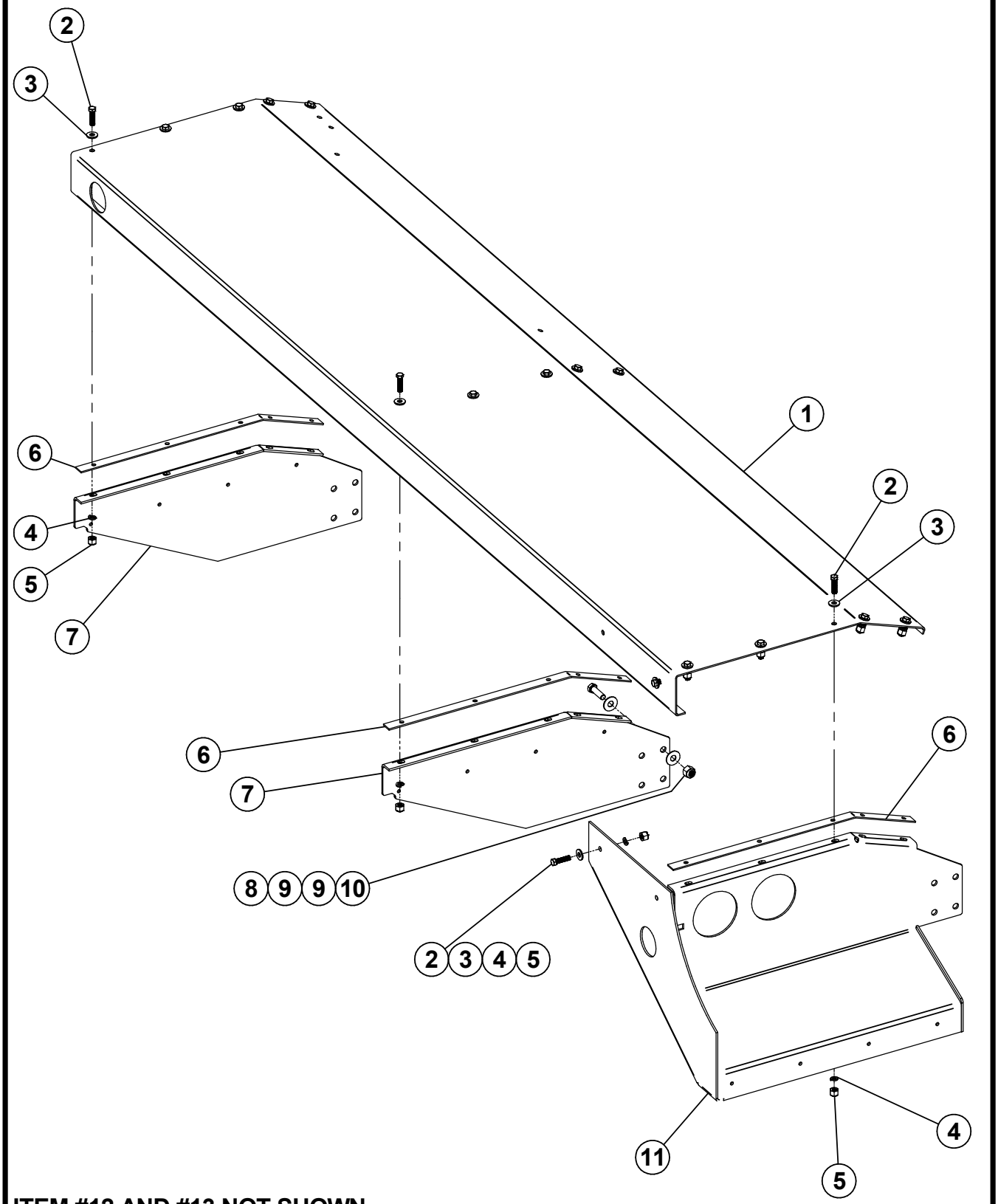
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7.0 Fenders

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2 AXLE FENDER CURB SIDE 171
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1 AXLE FENDER EXTENSION CURB SIDE 175
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2 AXLE FENDER EXTENSION CURB SIDE 179
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ASSY FENDER LIGHT LED 183
98386984 - ASSY POLY FRONT MUD-FLAP 24” X 24” 185
ASSY SPLASH GUARD POLY 187

2 AXLE FENDER

STREET SIDE



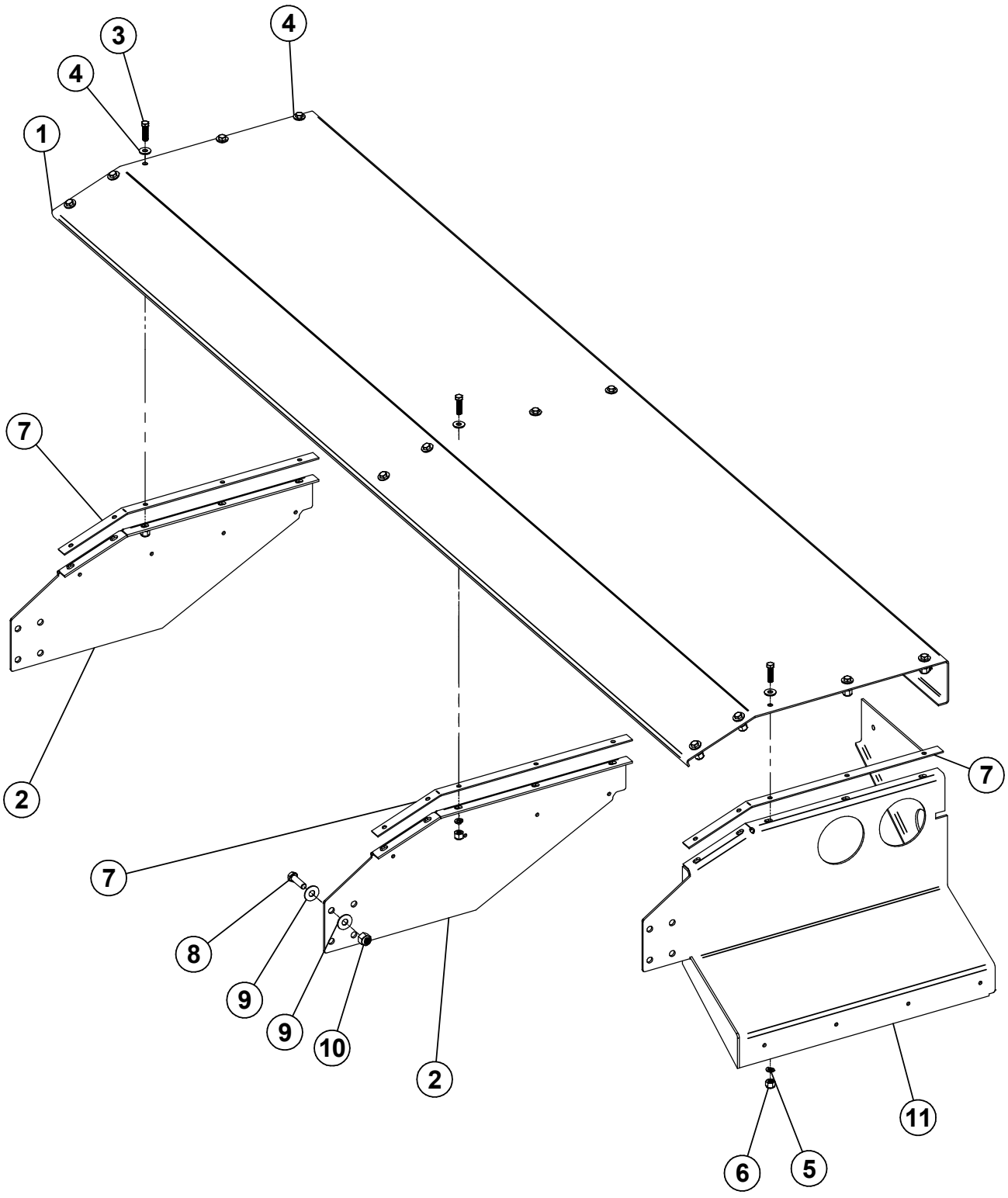
ITEM #12 AND #13 NOT SHOWN

2 AXLE FENDER - STREET SIDE

Item	Qty	Description	Part #
1	1	FENDER PLATFORM L.H. (ALUM)	30389326
2	17	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
3	17	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
4	17	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
5	17	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
6	6.3 FT	SPACER, NEOPRENE	30389282
7	2	PLATE - FENDER BRACKET SS	70100628
8	12	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
9	24	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
10	12	NUT, NYLON LOCK1/2 -13UNC	30307220
11	1	WLDT, FENDER BRACKET SS	70100635
12	1	HARNESS 2-WIRE ADAPTER	98385934
13	1	HARN - CONT MARKER LIGHTS BOOSTER	30389345

2 AXLE FENDER

CURB SIDE



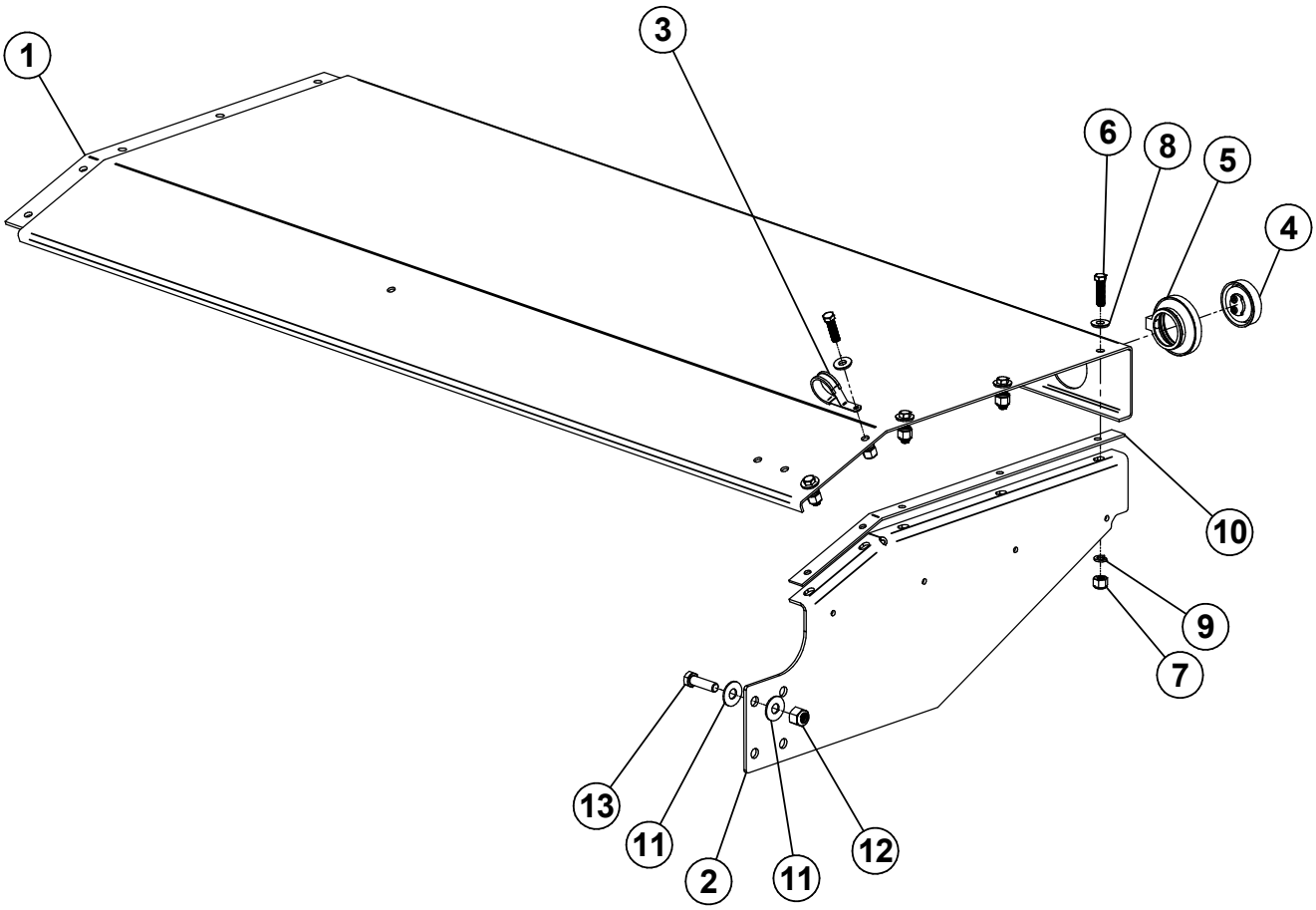
ITEM #12 AND #13 NOT SHOWN

2 AXLE FENDER - CURB SIDE

Item	Qty	Description	Part #
1	1	FENDER PLATFORM R.H. (ALUM)	30389325
2	2	PLATE - FENDER BRACKET CS	70100627
3	17	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
4	17	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
5	17	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
6	17	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
7	6.3 FT	SPACER, NEOPRENE	30389282
8	12	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
9	24	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
10	12	NUT, NYLON LOCK1/2 -13UNC	30307220
11	1	WLDT, FENDER BRACKET CS	70100632
12	1	HARNESS 2-WIRE ADAPTER	98385934
13	1	HARN - CONT MARKER LIGHTS BOOSTER	30389345

1 AXLE EXT.

STREET SIDE



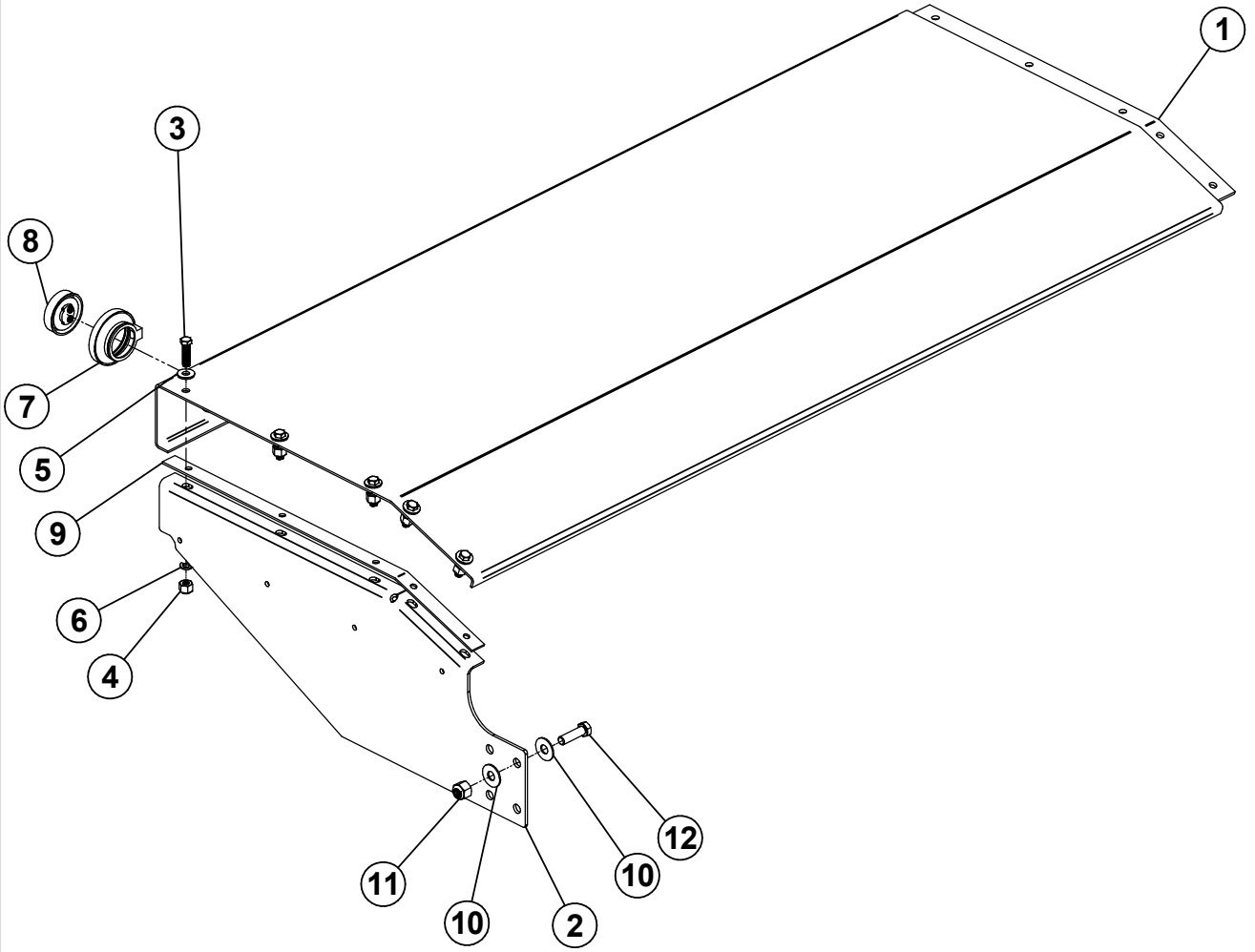
ITEM #14 AND #15 NOT SHOWN

1 AXLE FENDER EXTENSION - STREET SIDE

Item	Qty	Description	Part #
1	1	FENDER PLATFORM EXT. L.H. (ALUM)	30389861
2	2	PLATE - FENDER BRACKET SS	70100628
3	1	STRAP, 1” WATER HOSE	30389305
4	1	LIGHT - MARKER AMBER 2.5” LED	30369466
5	1	PARTS - LIGHT GROMMET 2.5”	30369473
6	5	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
7	5	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
8	5	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
9	5	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
10	2.1 FT	SPACER, NEOPRENE	30389282
11	8	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
12	4	NUT, NYLON LOCK1/2 -13UNC	30307220
13	4	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
14	1	HARN - CONT MARKER LIGHTS BOOSTER	30389117
15	1	HARNESS 2-WIRE ADAPTER	98385934

1 AXLE EXT.

CURB SIDE



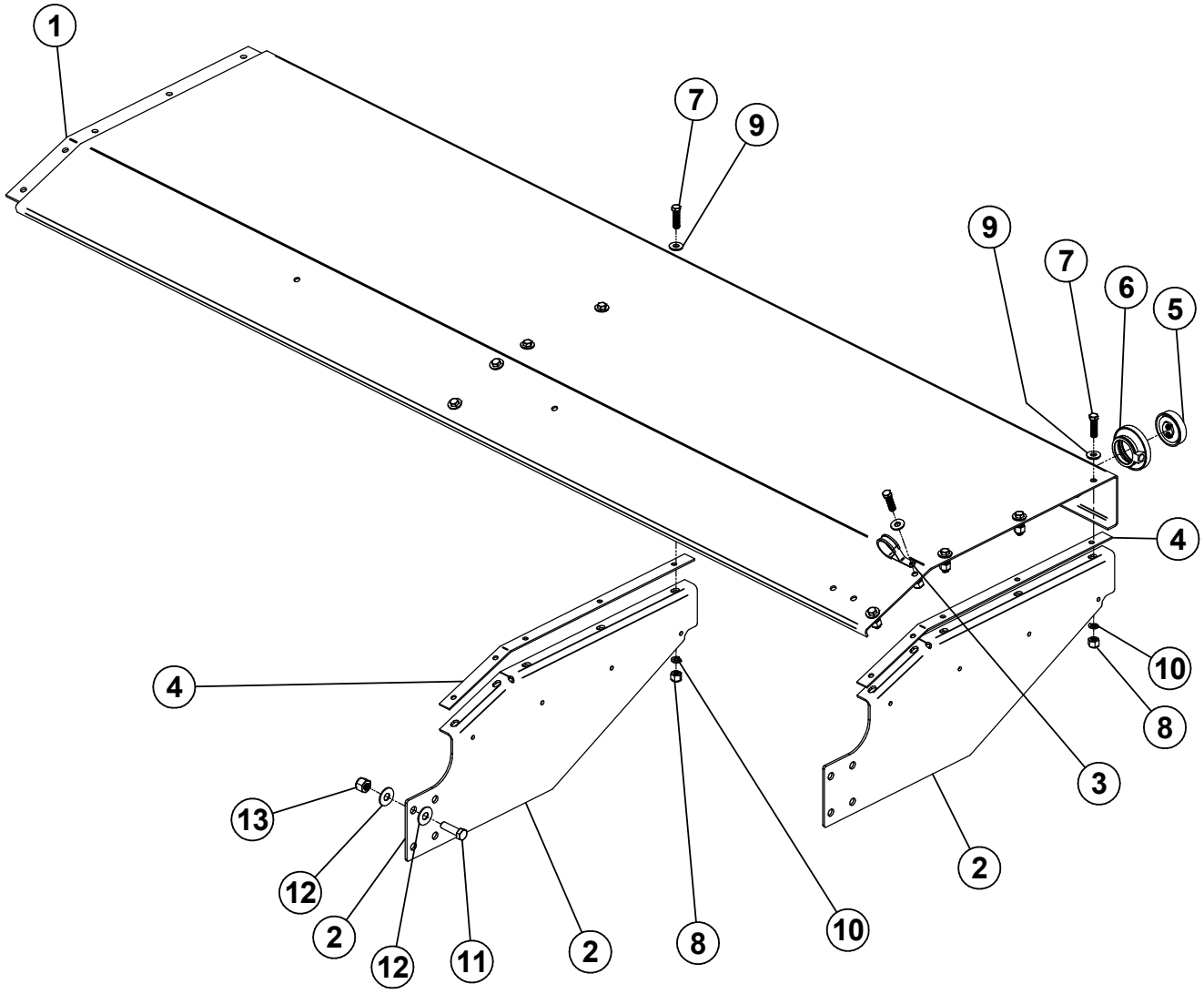
ITEM #13 AND #14 NOT SHOWN

1 AXLE FENDER EXTENSION - CURB SIDE

Item	Qty	Description	Part #
1	1	FENDER PLATFORM EXT. R.H. (ALUM)	30389860
2	2	PLATE - FENDER BRACKET CS	70100627
3	5	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
4	5	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
5	5	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
6	5	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
7	1	PARTS - LIGHT GROMMET 2.5”	30369473
8	1	LIGHT - MARKER AMBER 2.5” LED	30369466
9	2.1 FT	SPACER, NEOPRENE	30389282
10	8	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
11	4	NUT, NYLON LOCK1/2 -13UNC	30307220
12	4	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
13	1	HARN - CONT MARKER LIGHTS BOOSTER	30389117
14	1	HARNESS 2-WIRE ADAPTER	98385934

2 AXLE EXT.

STREET SIDE



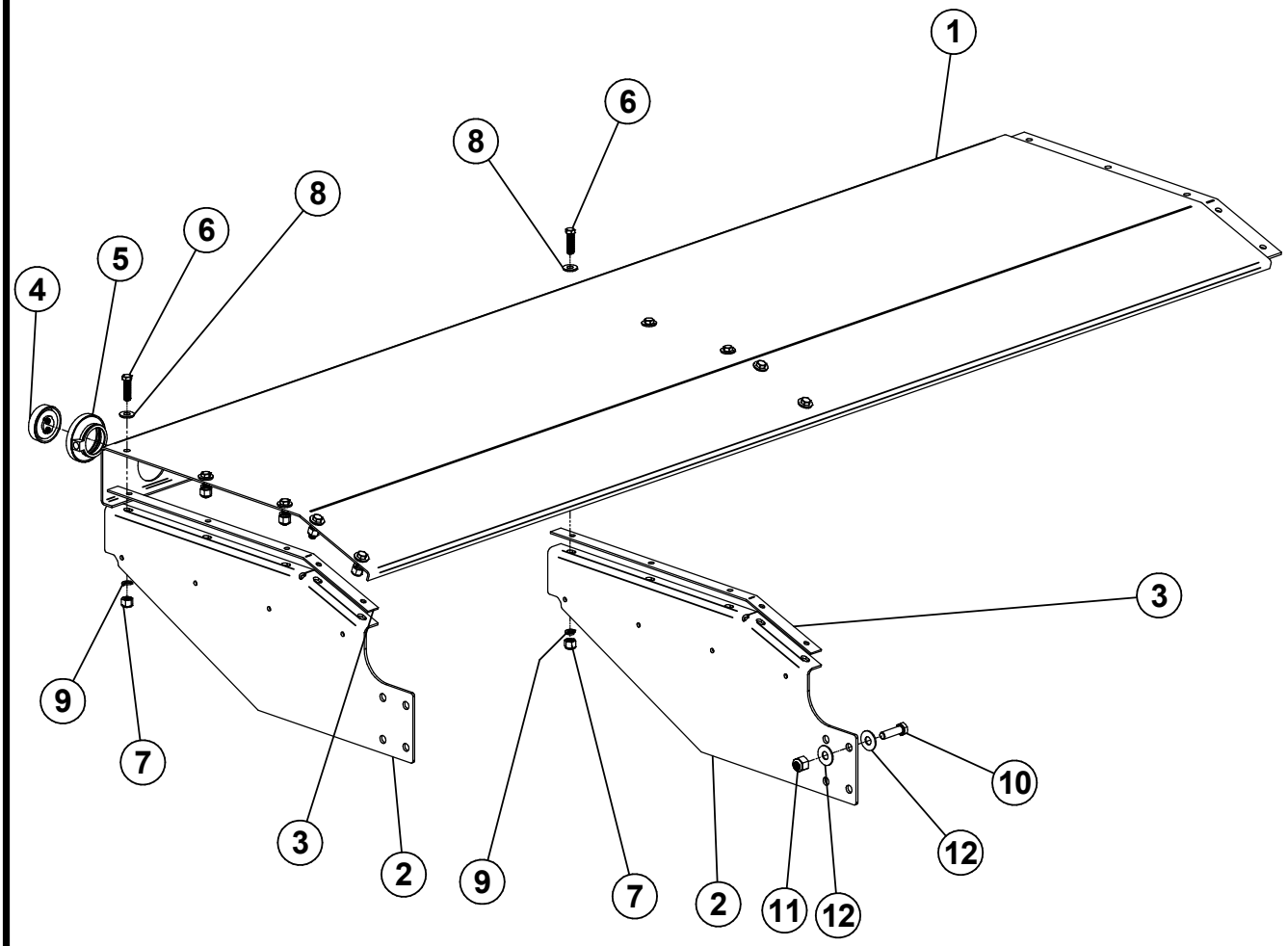
ITEM #14 AND #15 NOT SHOWN

2 AXLE FENDER EXTENSION - STREET SIDE

Item	Qty	Description	Part #
1	1	FENDER PLATFORM EXT. L.H. (ALUM) 87.25” (8K PUSHERS)	30389863
	1	FENDER PLATFORM EXT. L.H. (ALUM) 107.25” (13.5K PUSHERS)	70101921
2	2	PLATE - FENDER BRACKET SS	70100628
3	1	STRAP, 1” WATER HOSE	30389305
4	4.2 FT	SPACER, NEOPRENE	30389282
5	1	LIGHT - MARKER AMBER 2.5” LED	30369466
6	1	PARTS - LIGHT GROMMET 2.5”	30369473
7	10	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
8	10	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
9	10	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
10	10	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
11	4	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
12	8	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
13	4	NUT, NYLON LOCK1/2 -13UNC	30307220
14	1	HARN - CONT MARKER LIGHTS BOOSTER	30389117
15	1	HARNESS 2-WIRE ADAPTER	98385934

2 AXLE EXT.

CURB SIDE

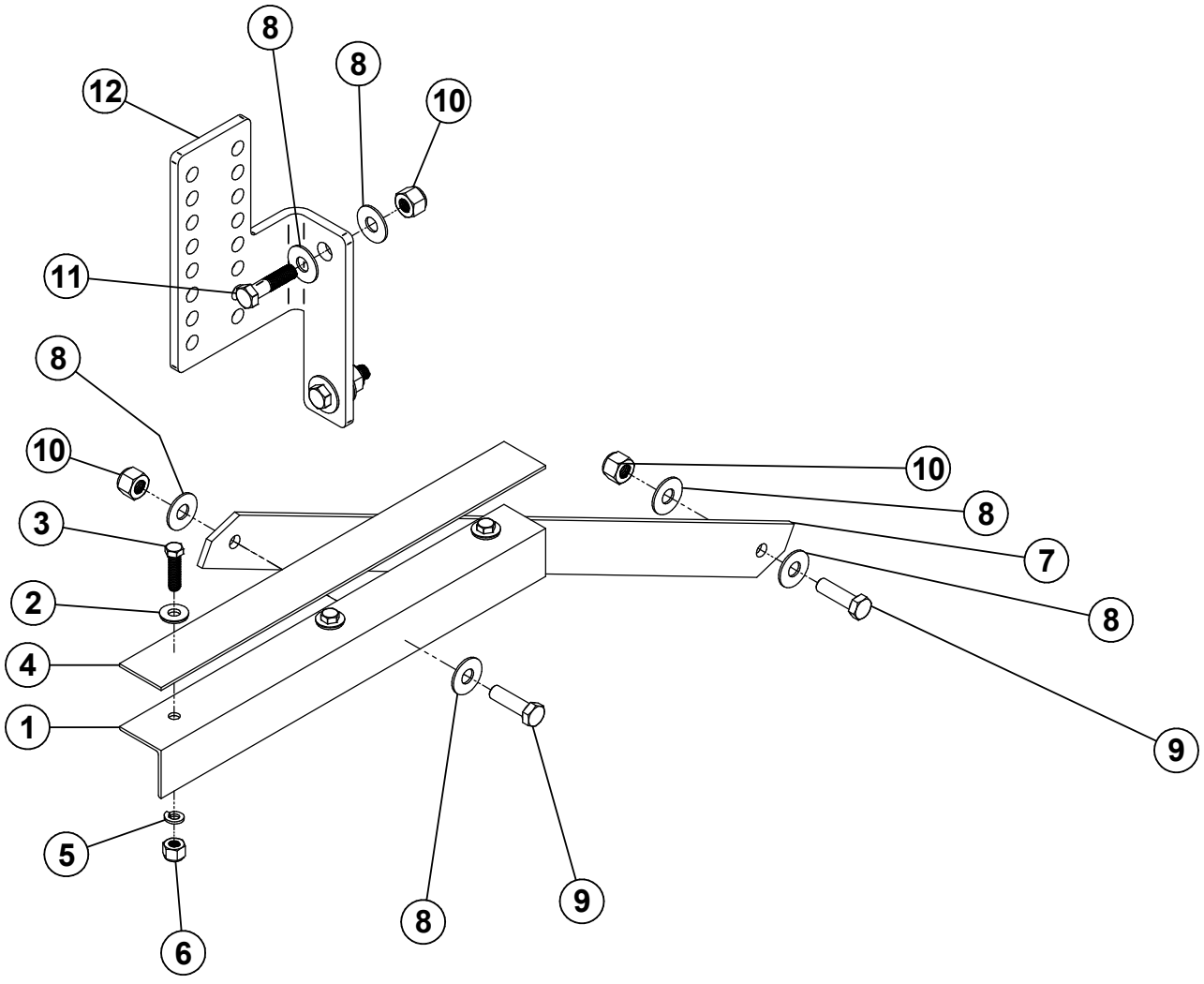


ITEM #13 AND #14 NOT SHOWN

2 AXLE FENDER EXTENSION - CURB SIDE

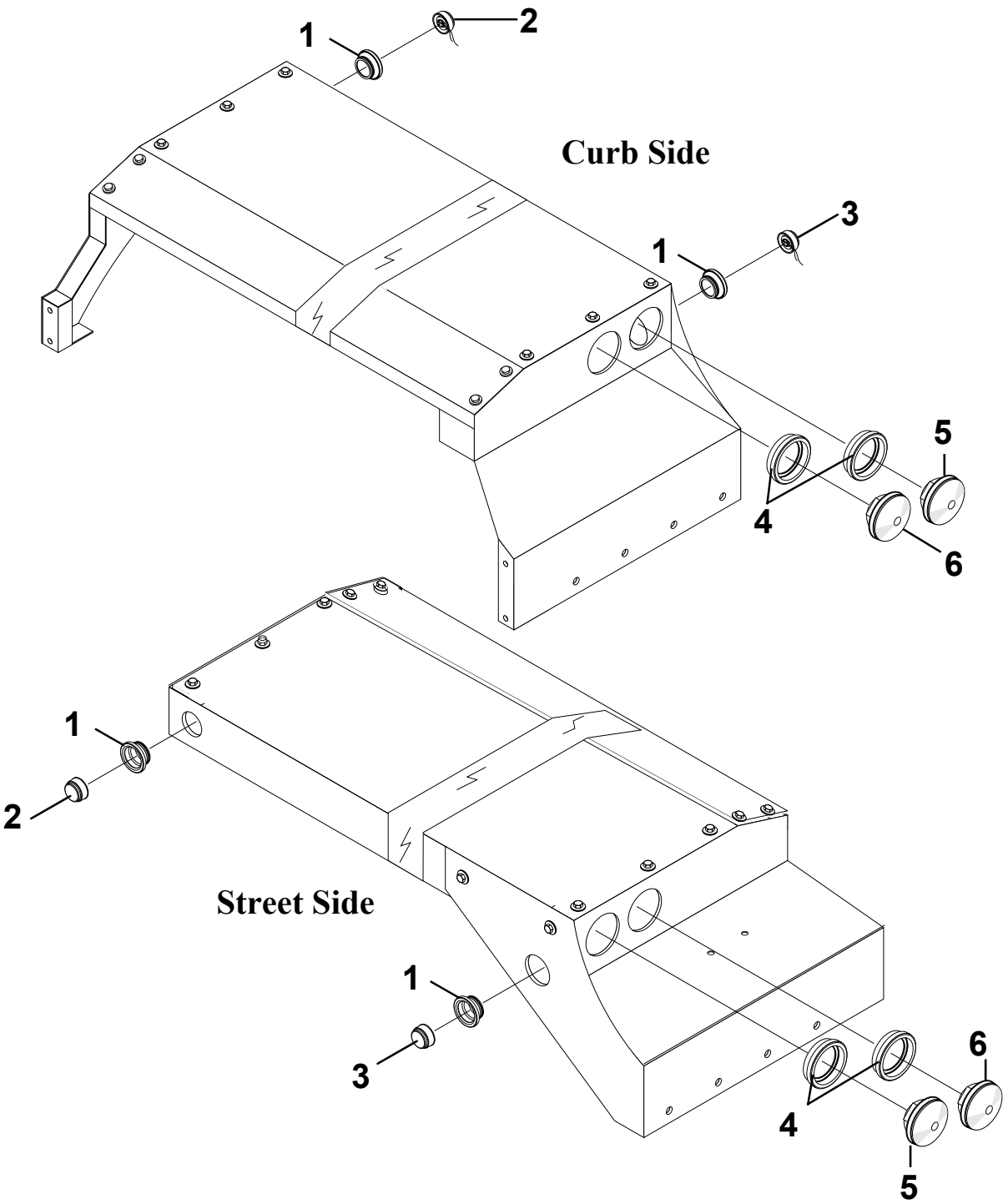
Item	Qty	Description	Part #
1	1	FENDER PLATFORM EXT. L.H. (ALUM) 87.25” (8K PUSHERS)	30389862
	1	FENDER PLATFORM EXT. L.H. (ALUM) 107.25” (13.5K PUSHERS)	70101922
2	2	PLATE - FENDER BRACKET CS	70100627
3	4.2 FT	SPACER, NEOPRENE	30389282
4	1	LIGHT - MARKER AMBER 2.5” LED	30369466
5	1	PARTS - LIGHT GROMMET 2.5”	30369473
6	10	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
7	10	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
8	10	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
9	10	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
10	8	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
11	8	NUT, NYLON LOCK1/2 -13UNC	30307220
12	16	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
13	1	HARN - CONT MARKER LIGHTS BOOSTER	30389117
14	1	HARNESS 2-WIRE ADAPTER	98385934

70100335



70100335 - CONVENTIONAL FENDER SUPPORT

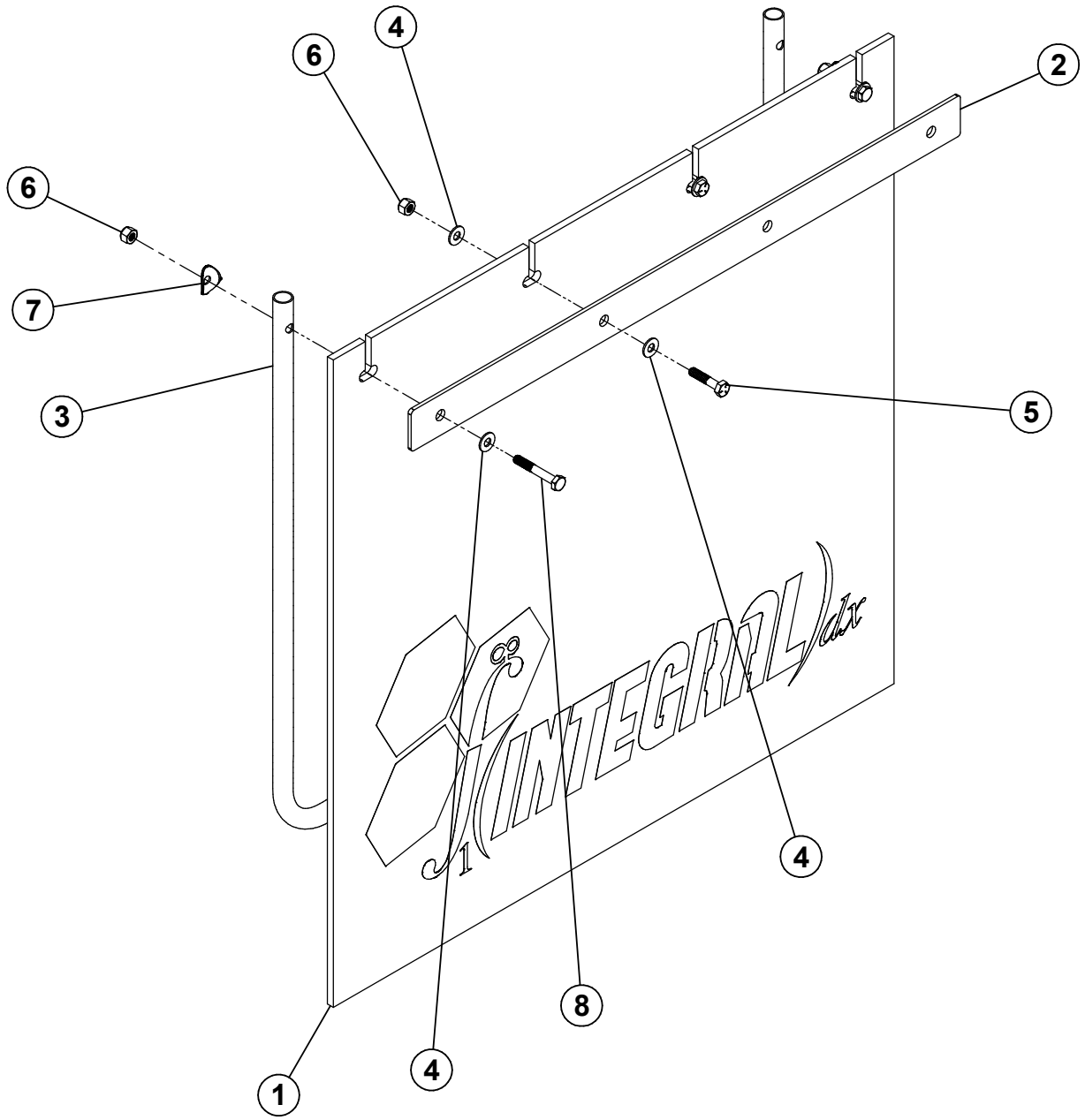
Item	Qty	Description	Part #
1	1	ANGLE - BRACKET, FENDER SUPPORT	30389186
2	3	WASHER - SPRING, 3/8” ID RUBBER BONDED	30389194
3	3	HHCS, 3/8-16UNC X 1 1/2” GR5	30348305
4	1	BULK RUBBER 1/8” X 2” X 18.5” LG	30312555
5	3	WASHER - SPRING SPLIT LOCK, 3/8” - Z.P.	30302568
6	3	NUT, NYLON LOCK,3/8-16UNC GR8, ZP	30389195
7	1	PLATE, SUPPORT, FENDER CENTER	30389714
8	8	WASHER, 9/16” ID X 1-3/8” OD X .08” THICK	30302126
9	2	SCREW - 1/2”-13 NC X 1 3/4” LG GR.5 HHCS	30302655
10	4	NUT, NYLON LOCK1/2 -13UNC	30307220
11	2	HHCS, 1/2”-13 X 2”, GR 5 ZP	30309367
12	AS NEED	PLATE, FORMED FENDER MOUNT LH	70100813
	AS NEED	PLATE, FORMED FENDER MOUNT RH	70100814


1
2
Curb Side
1
3
5
4
6
1
2
Street Side
1
3
6
4
5

ASSY - FENDER LIGHT LED

Item	Qty	Description	Part #
1	4	GROMMET 2.5”	30389481
2	2	LIGHT MARKER AMBER 2.5” LED	30369466
3	2	LIGHT MARKER RED 2.5” LED	30369467
4	4	GROMMET 4”	30389479
5	2	TAIL LIGHT LED	30389395
6	2	TAIL LIGHTS REV 4” LED 27 DIODE	98385935

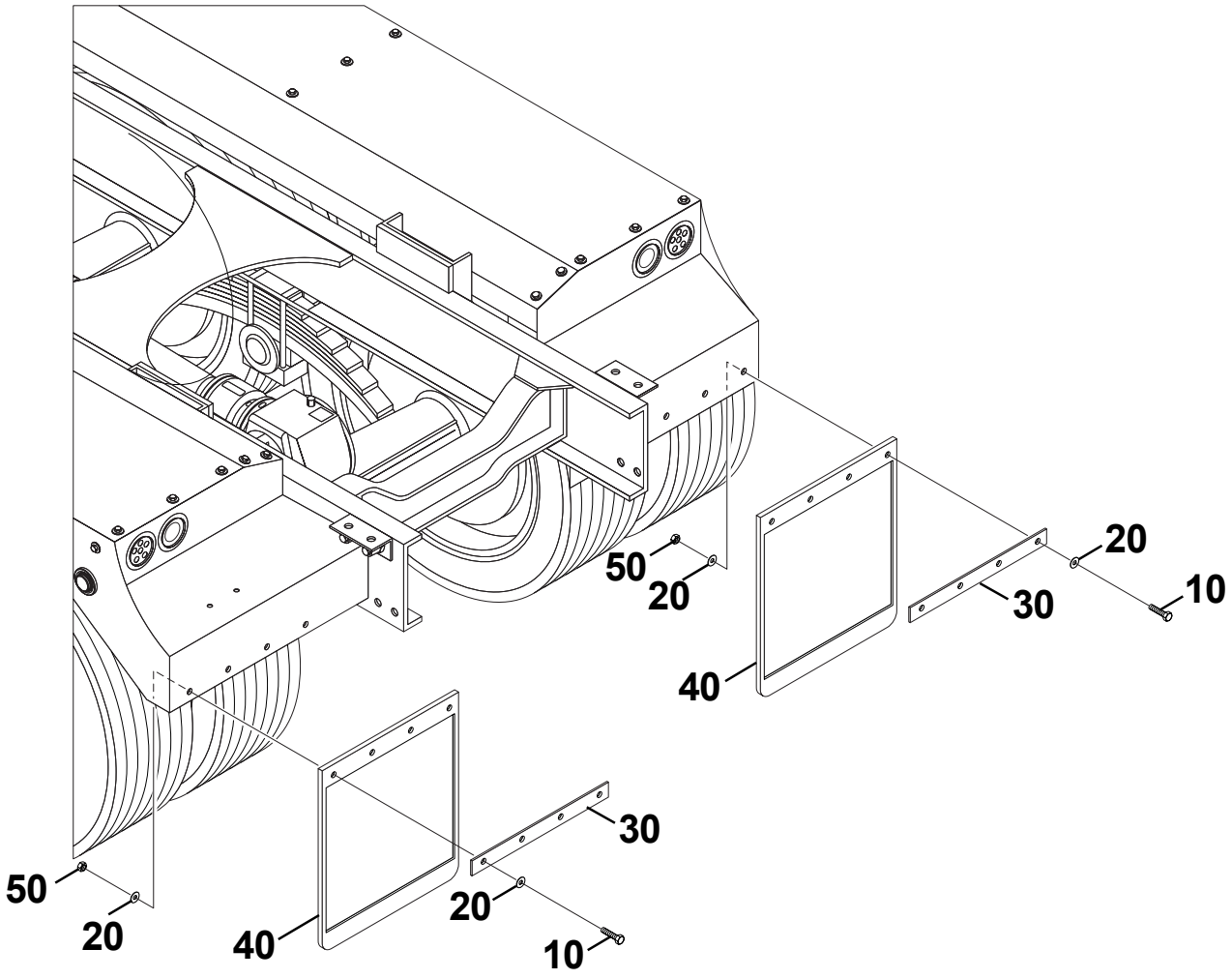
98386984



98386984 - ASSY POLY FRONT MUD-FLAP 24” X 24”

Item	Qty	Description	Part #
1	1	MUD FLAP POLY 24” X 24”	98386983
2	1	MUD-FLAP RETAINER	98386850
3	1	BRACKET, ANTI-SAIL	98385709
4	6	WASHER FLAT 1/4”	30303735
5	2	HHCS 1/4” X 1-1/4”	30358320
6	4	LOCK NUT 1/4”	30334582
7	2	WASHER SADDLE 3/4” TUBE - 1/4” SCREW	98387012
8	2	SCREW - 1/4-20 X 1 3/4” HHCS GR 5	30380752

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ASSY SPLASH GUARD POLY

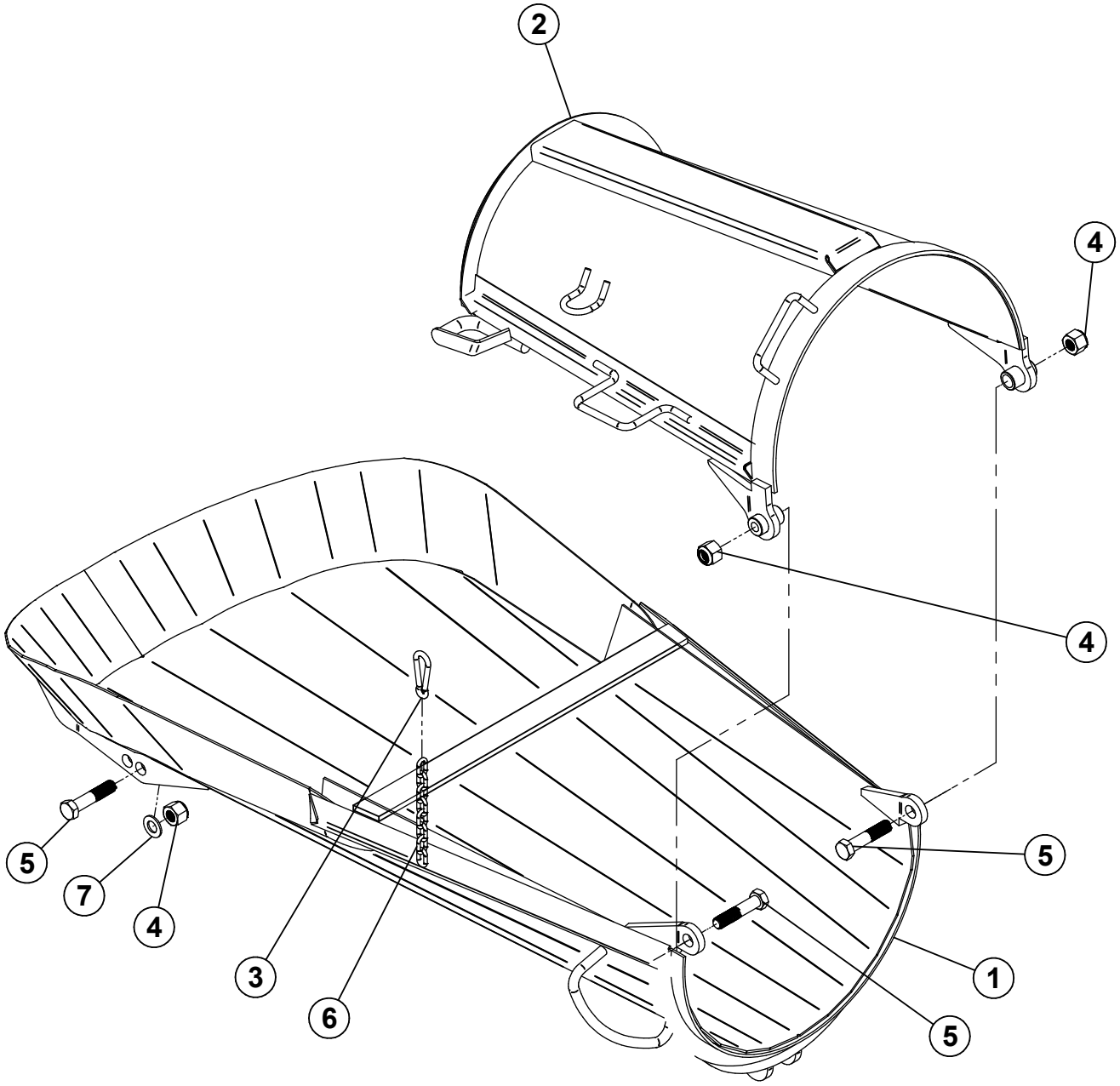
Item	Qty	Description	Part #
10	8	HHCS 1/4” X 1-1/4”	30358320
20	16	WASHER FLAT 1/4”	30303735
30	2	MUD-FLAP RETAINER	98386850
40	2	MUD FLAP POLY 24” X 24”	98386983
50	8	LOCK NUT 1/4”	30334582

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8.0 Chutes

98363635 - ASSY MAIN AND FOLD OVER CHUTE KIT 191
EXTENSION CHUTES 193
30408416 - ASM, CHUTE HANGER, GUN MOUNT 195
70101768 - ASM, CHUTE HANGER, GUN MOUNT AL 197
98396767 - VERT CHUTE RACK CHASSIS MOUNT 199
98369601 - CHUTES FRONT GUN MOUNT 201
98429663 - ASSY HYD FLIP CHUTE MODIFIED 203
98429172 - ASSY ROCK GUARD EXTENDED CHUTE MIXERS 205
70102397 - ASSY HYD FOLDOVER CHUTE RESULTS (1 OF 2) 207
70102397 - ASSY HYD FOLDOVER CHUTE RESULTS (2 OF 2) 209

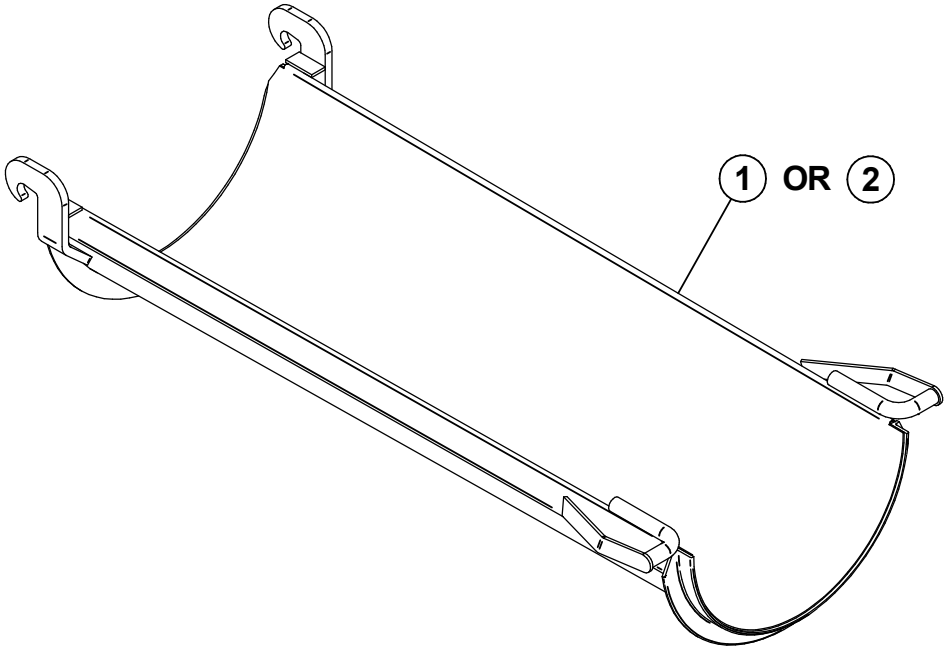
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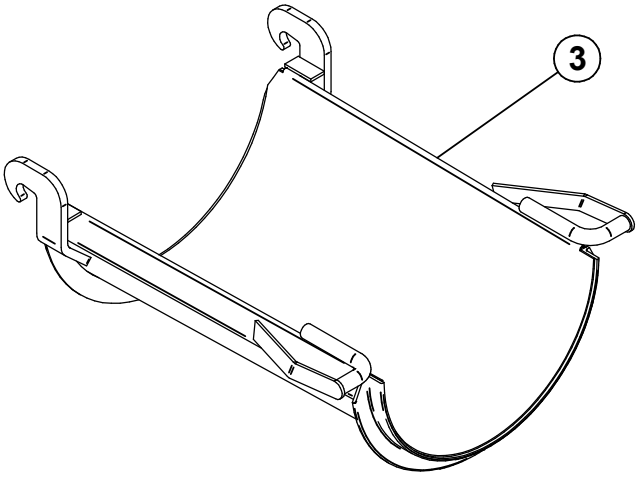


98363635 - ASSY MAIN AND FOLD OVER CHUTE KIT

Item	Qty	Description	Part #
1	1	WLDT, MAIN CHUTE	70100420
2	1	WMT - FOLDOVER CHUTE W/REINFORCEMENT	98338569
3	1	SNAP HOOK DIN 5299 C 80 - ZN	10009375
4	4	NUT - LOCK, CRIMP 3/4"-10 NC	30308525
5	4	SCREW - 3/4"-10 X 3 1/2" GR.8 HHCS	30358961
6	1	CHAIN - MAIN CHUTE	30386058
7	2	WASHER - FLAT, 3/4"	30314451

EXT CHUTES

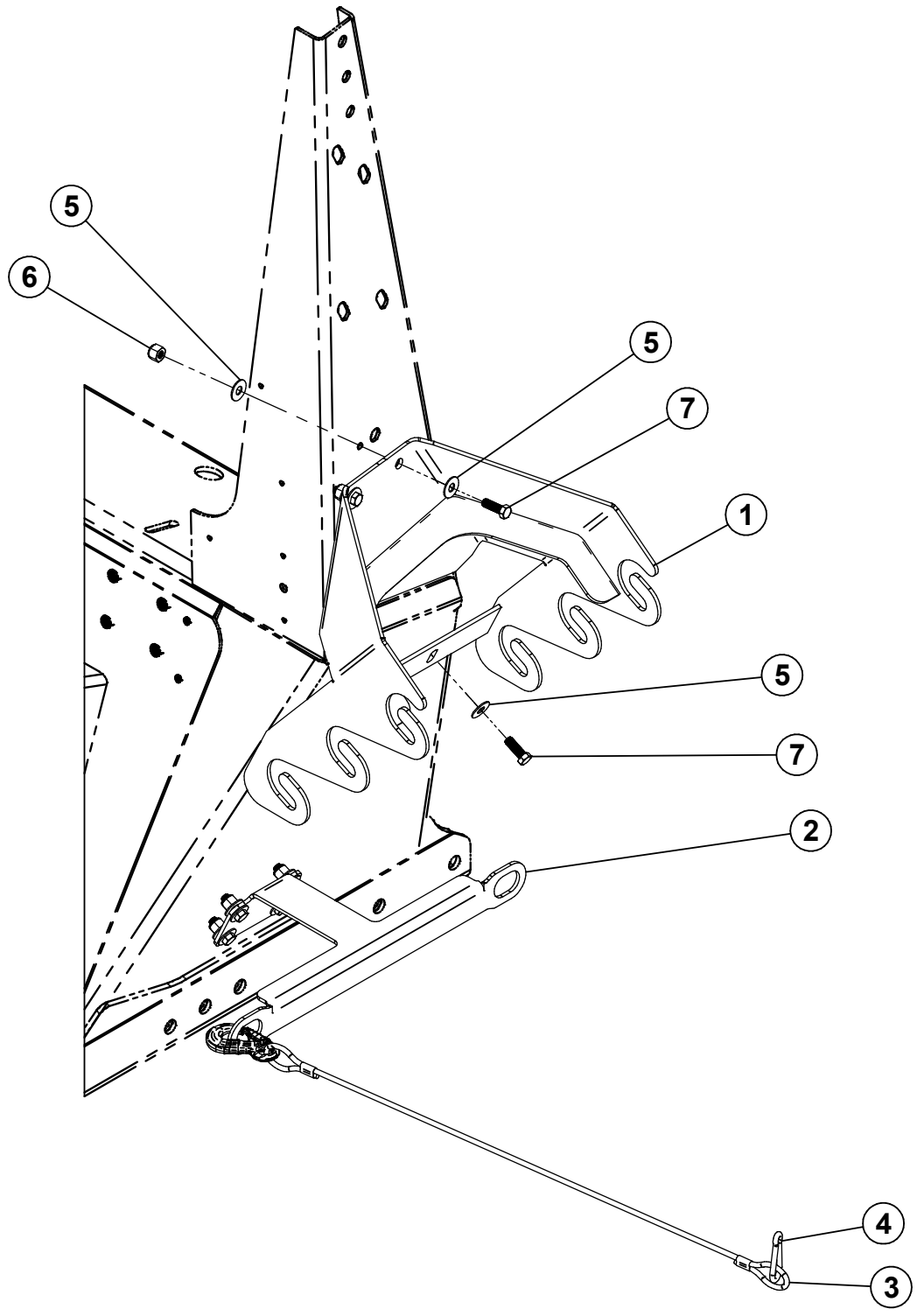




EXTENSION CHUTES

Item	Qty	Description	Part #
1	1	CHUTE, 48” EXT. (STANDARD)	60306114
2	1	CHUTE, 48” EXT. (ALUM.)	98384255
3	1	CHUTE, 24” EXTENSION ALUM	70100854

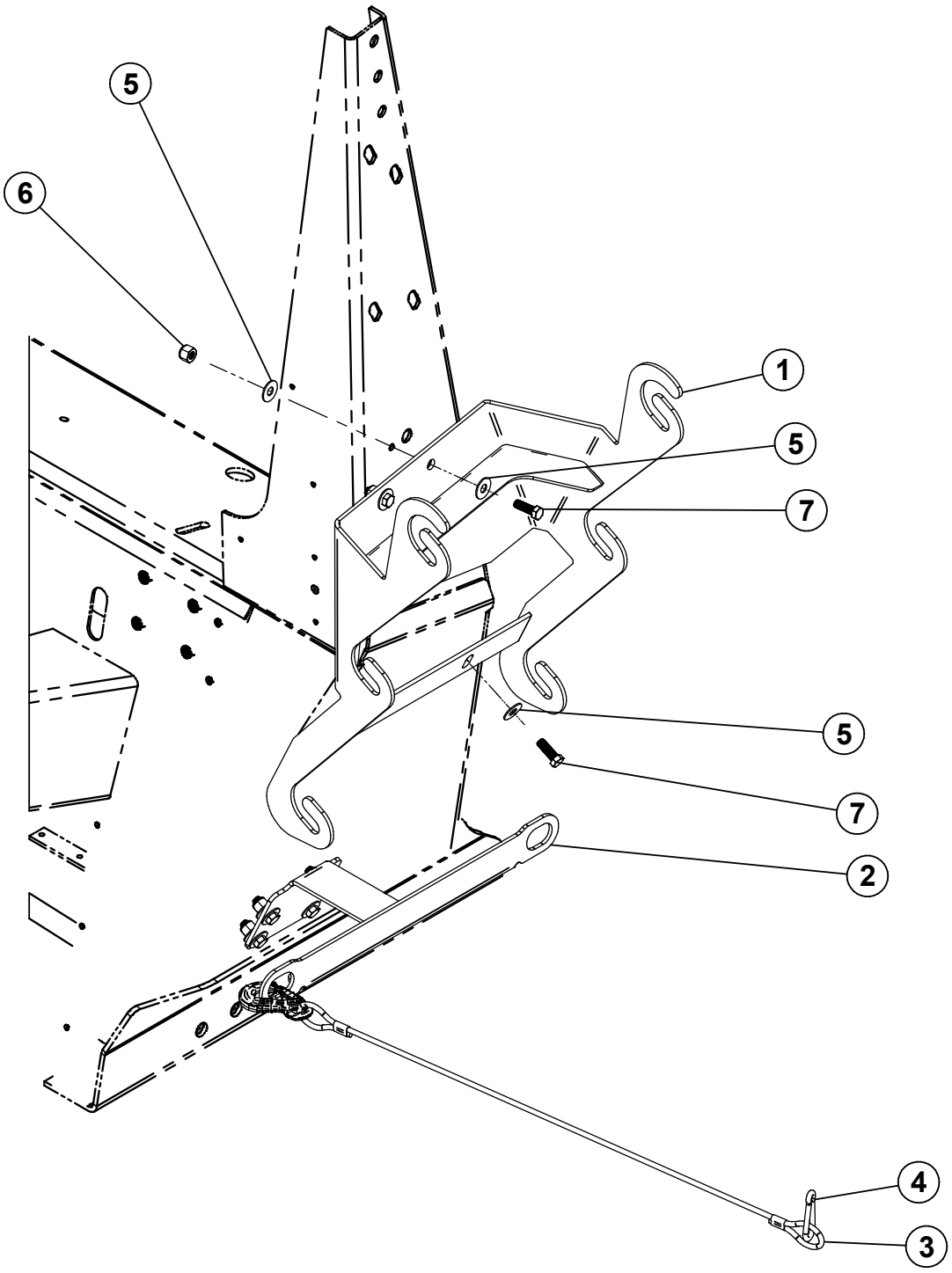
30408416



30408416 - ASM, CHUTE HANGER, GUN MOUNT STEEL

Item	Qty	Description	Part #
1	1	CHUTE HANGER WMT	30386124
2	1	CHUTE SUPPORT RACK	30389190
3	1	SAFETY CABLE W/ HOOK 49”	30389353
4	2	SNAP LINK 5/16”	10009375
5	14	FLAT WASHER 1/2”	30302126
6	6	LOCK NUT 1/2”	30307220
7	8	SCREW -1/2”-13 X 1 1/2” HHCS	30302654

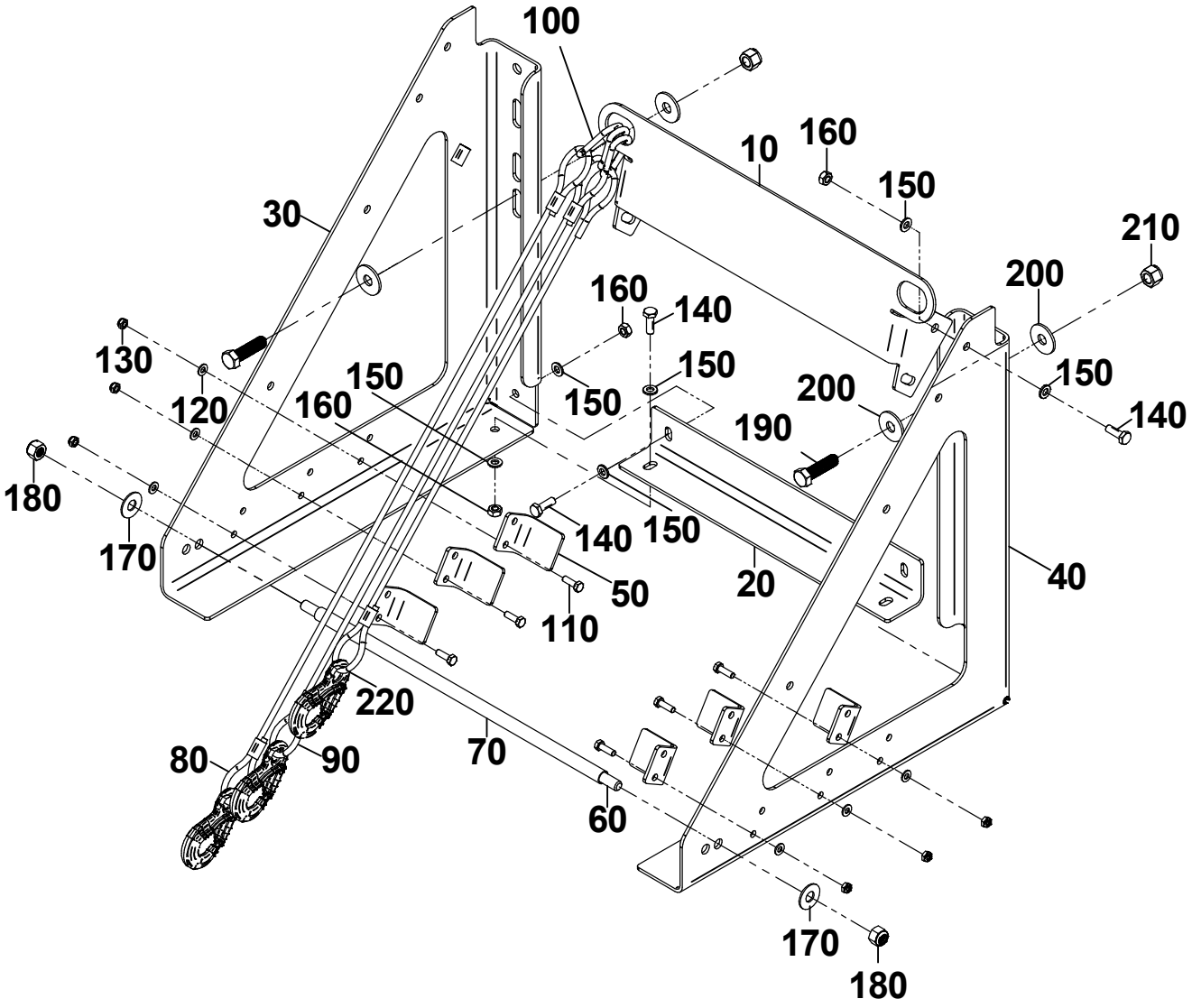
70101768



70101768 - ASM, CHUTE HANGER, GUN MOUNT AL

Item	Qty	Description	Part #
1	1	WMT, CHUTE HANGER, GUN MOUNT	70101761
2	1	RACK, CHUTE SUPPORT	70101643
3	1	SAFETY CABLE W/ HOOK 43.5”	30389353
4	1	SNAP LINK 5/16”	10009375
5	14	FLAT WASHER 1/2”	30302126
6	6	LOCK NUT 1/2”	30307220
7	8	SCREW -1/2”-13 X 1 1/2” HHCS	30302654

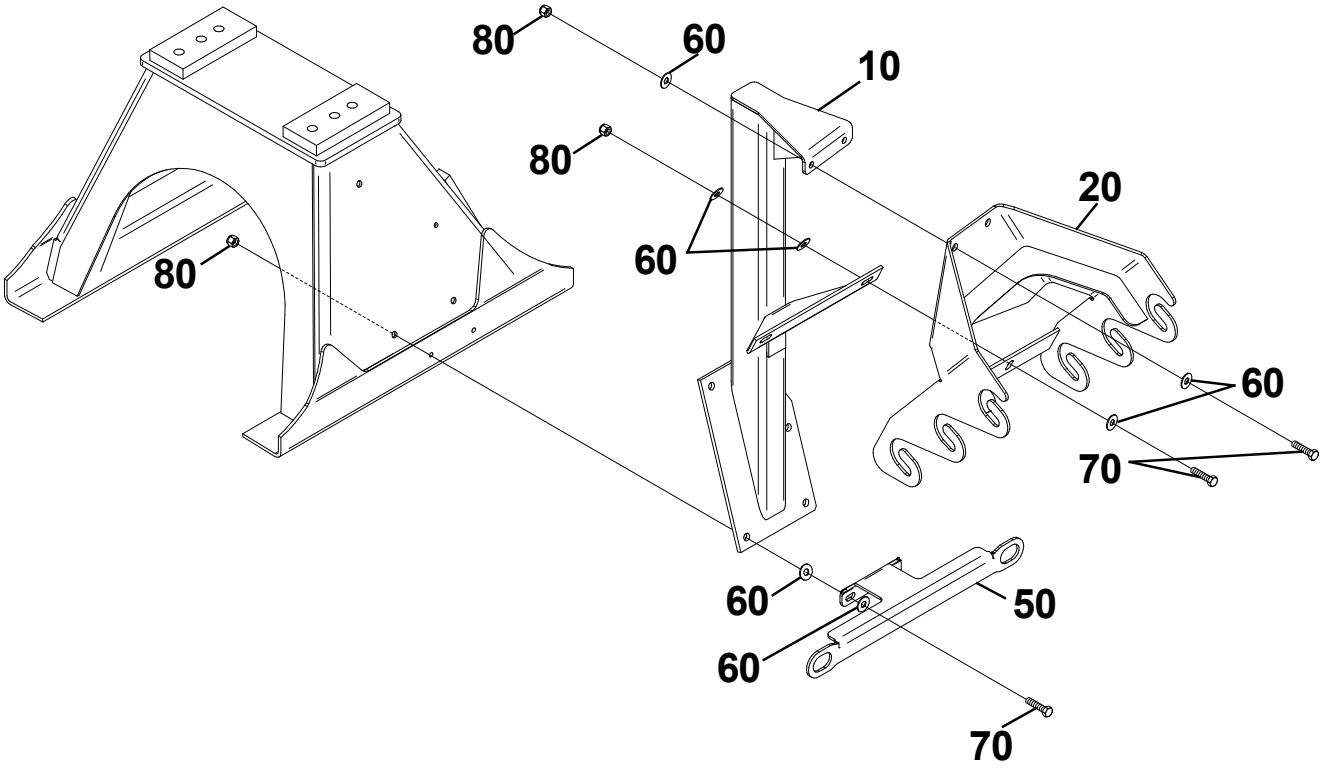
	98396767	
	05	23.06.2017



98396767 - VERT CHUTE RACK CHASSIS MOUNT

Item	Qty	Description	Part #
10	1	PLATE - CHUTE BACK STOP	98396764
20	1	ANGLE - 90° CROSS,CHUTE RACK	98396760
30	1	PLATE - LH SIDE,CHUTE RACK	98396763
40	1	PLATE - RH SIDE,CHUTE RACK	98396762
50	6	ANGLE - BOTTOM CHUTE STOP	98396765
60	1	ROD - THREADED 9/16-12 X 610	98400884
70	1	TUBE - RND,3/4" OD X 0.065" W X 21.6" L	98400902
80	1	ROPE - WIRE,SAFETY CABLE W/HOOK (43.5")	98400881
90	1	ROPE - WIRE, SAFETY CABLE W/HOOK (40")	98367698
100	3	SNAP HOOK DIN 5299 C 80 - ZN	10009375
110	12	SCREW DIN 933 M 8 X 25-8.8-A2C	10001808
120	12	WASHER DIN 125 B 8.4-140HV-A2C	10010371
130	12	NUT DIN 985 M 8-8-A2C	10009875
140	8	SCREW DIN 933 M 10 X 30-8.8-A2C	10001861
150	16	WASHER DIN 125 B 10.5-140HV-A2C	10011143
160	8	NUT DIN 985 M 10-8-A2C	10001283
170	2	WASHER 9/16 SAE FLAT GRADE 8	30391434
180	2	NUT - HEX, 9/16" - 12, NYLOCK GRADE 8	30359231
190	4	SCREW - 5/8"-11 NC X 2 1/4" LG GR.5 HHCS	30308219
200	8	WASHER - FLAT, 5/8" (1-3/4" O.D.)	30302125
210	4	NUT - HEX, 5/8-11UNC, NYLOCK GR 8 - Y.Z.	98394255
220	1	ROPE WIRE-SAFETY CABLE W/HOOK (34")	98405885

	98369601	
	00	04.02.2016

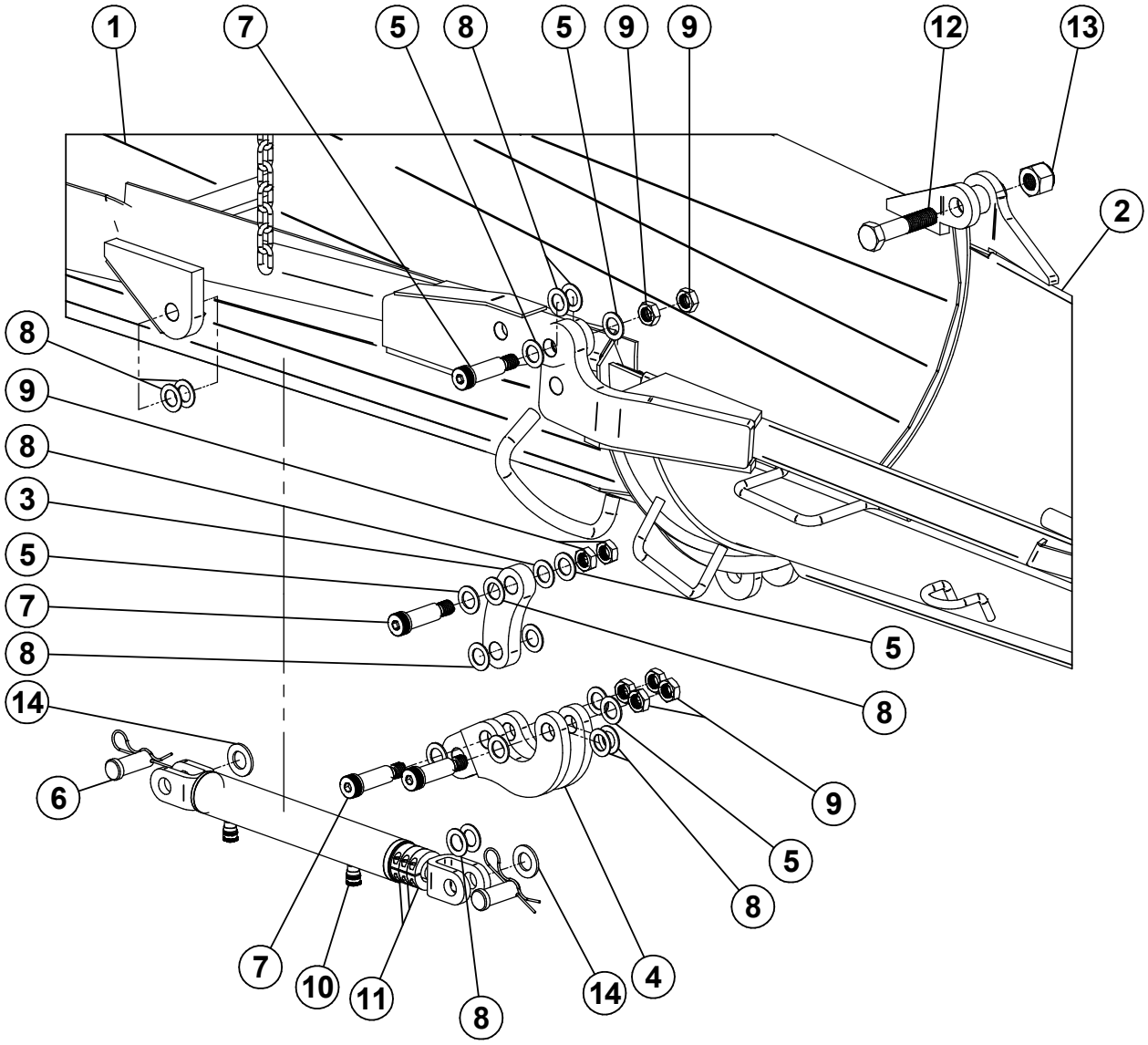


NOTES:
ITEMS NOT SHOWN 30, 40

98369601 - CHUTES FRONT GUN MOUNT

Item	Qty	Description	Part #
0010	1	WMT - FNT PED CHUTE HANGER	30386864
0020	1	WMT - CHUTE HANGER, GUN MOUNT	30386124
0030	1	ROPE - WIRE, SAFETY CABLE W/HOOK (40")	98367698
0040	1	SNAP HOOK DIN 5299 C 80 - ZN	10009375
0050	1	RACK - CHUTE SUPPORT, FRONT	98369429
0060	17	WASHER - FLAT, 1/2" ZINC FINISH USS	30302126
0070	10	SCREW - 1/2"-13 NC X 2" LG GR.5 HHCS	30309367
0080	7	NUT - LOCK, 1/2"-13 NC NYLON	30307220

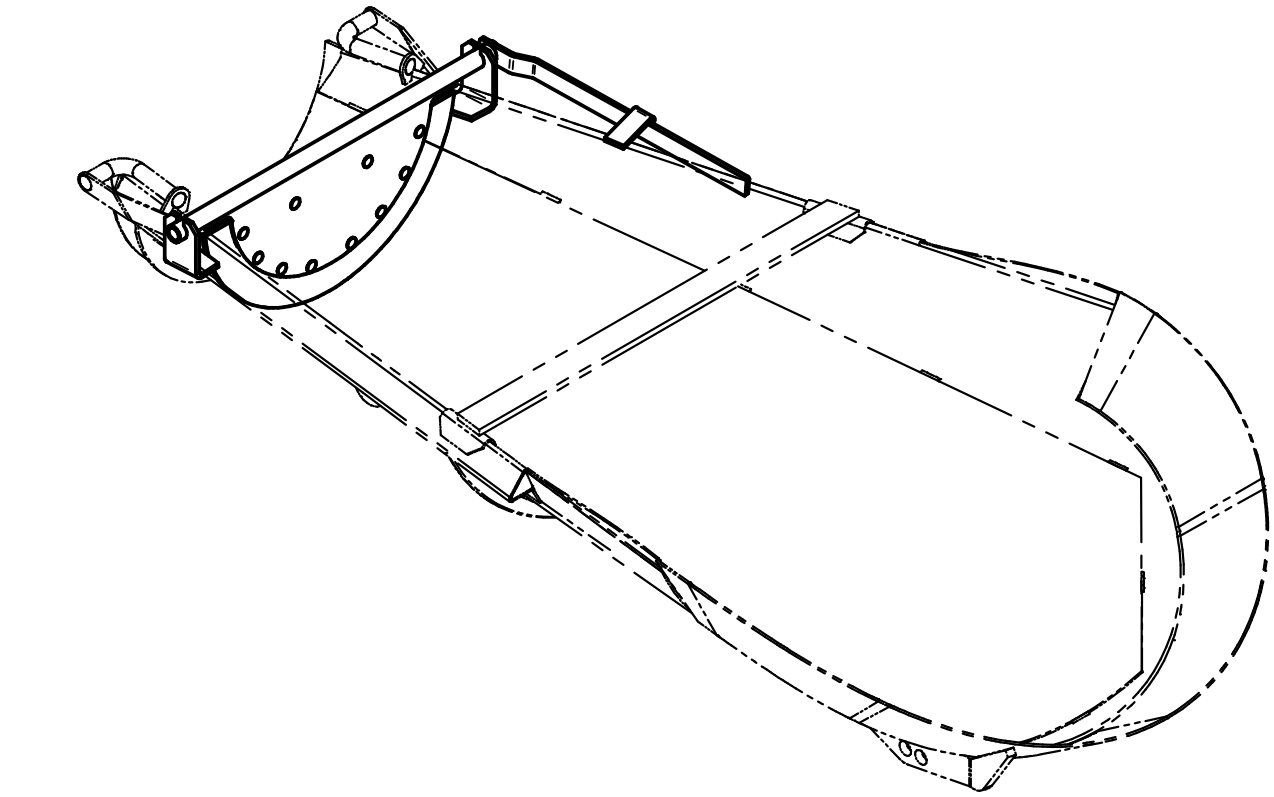
98429663

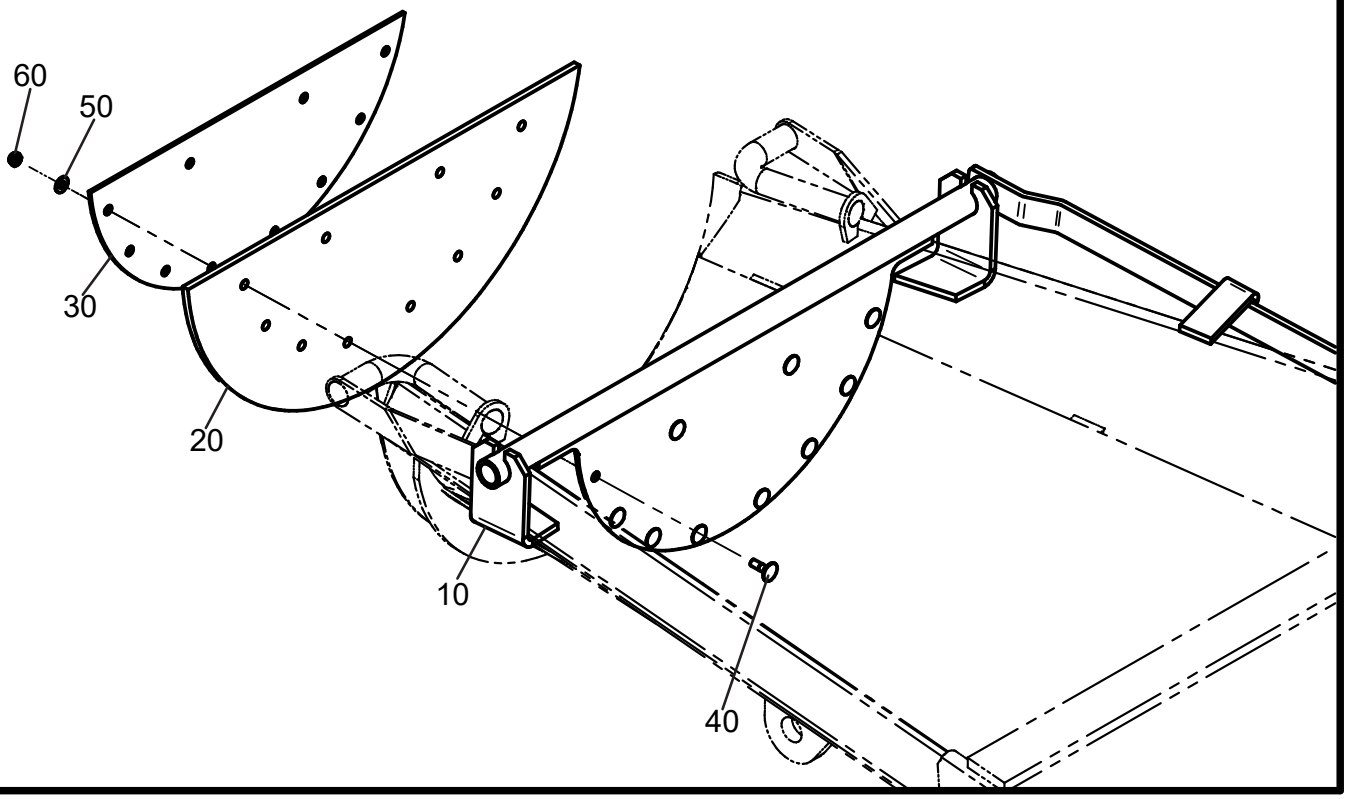


98429663 - ASSY HYD FLIP CHUTE MODIFIED

Item	Qty	Description	Part #
1	1	WMT, MAIN CHUTE, HYD FOLD	98398808
2	1	WMT, FOLDOVER CHUTE, HYD FOLD	98398488
3	1	PLATE - KIDNEY LINKAGE, HYD. FOLD CHUTE	98398164
4	1	WMT - DRIVE LINKAGE, HYD. FLIP CHUTE	98429581
5	8	WASHER, FLAT, 3/4" STEEL FE/CD	98429715
6	2	PIN - CLEVIS, Ø3/4" X 2" LONG-ZP	98429662
7	4	BOLT HSHCSH, Ø 3/4" X 2" LG BLACK OXIDE	98429589
8	12	BEARING , THRUST, 0.758 I.D. X 1 1/4 O.D	98429591
9	8	NUT 5/8 NC JAM	30373837
10	1	HYDRAULIC CYLINDER 1.5"/1” X 8”	70100785
11	3	CLAMPING COLLAR, CYLINDER	70100764
12	1	SCREW - 3/4"-10 X 3 1/2" GR.8 HHCS	30358961
13	1	NUT - LOCK, CRIMP 3/4"-10 NC	30308525
14	2	WASHER - FLAT, 3/4" HARDENED	30304213

	98429172	
	01	21.11.2017

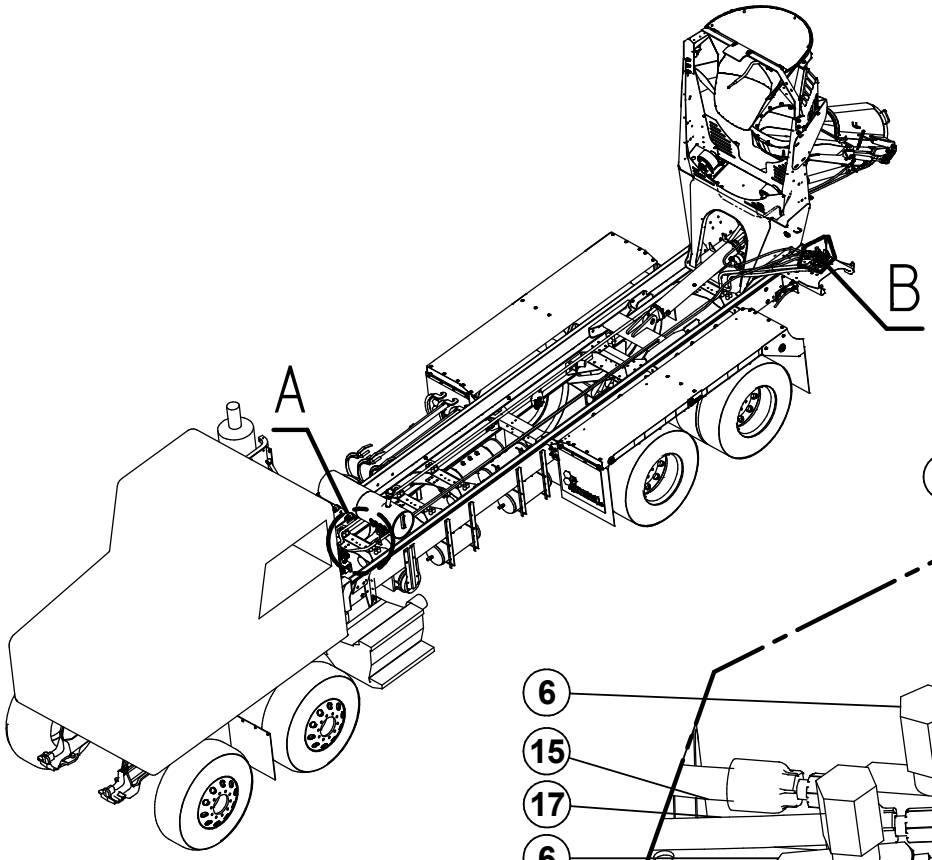


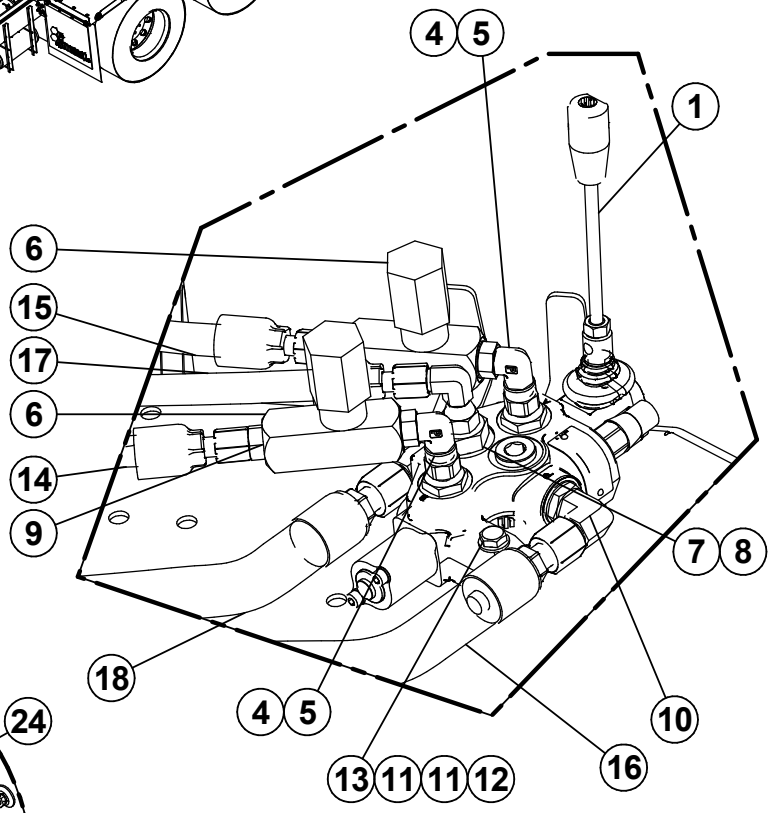


98429172 - ASSY ROCK GUARD EXTENDED CHUTE MIXERS

Item	Qty	Description	Part #
0010	1	ASSY, WELDED, ROCK GUARD, CHUTE EXTENDED	98429120
0020	1	FLAP , ROCK GUARD, EXTENDED CHUTE, MIXER	98428799
0030	1	PLATE, ROCK GUARD, BACK, EXT. CHUTE, MIX	98428975
0040	10	SCREW DIN 603 M 6 X 20-4.6-A2C	98427203
0050	10	SCREW RETAINER SKM 6-GT320	10134153
0060	10	NUT DIN 980 M 6-10-GT500	60073660

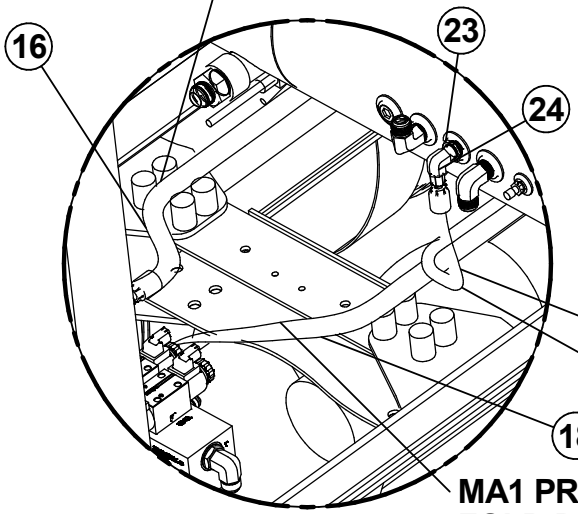
70102397





DETAIL: B

AUX PUMP PRESSURE TO CHUTE FOLD PRESSURE (P)



TANK TO CHUTE FOLD TANK (T)

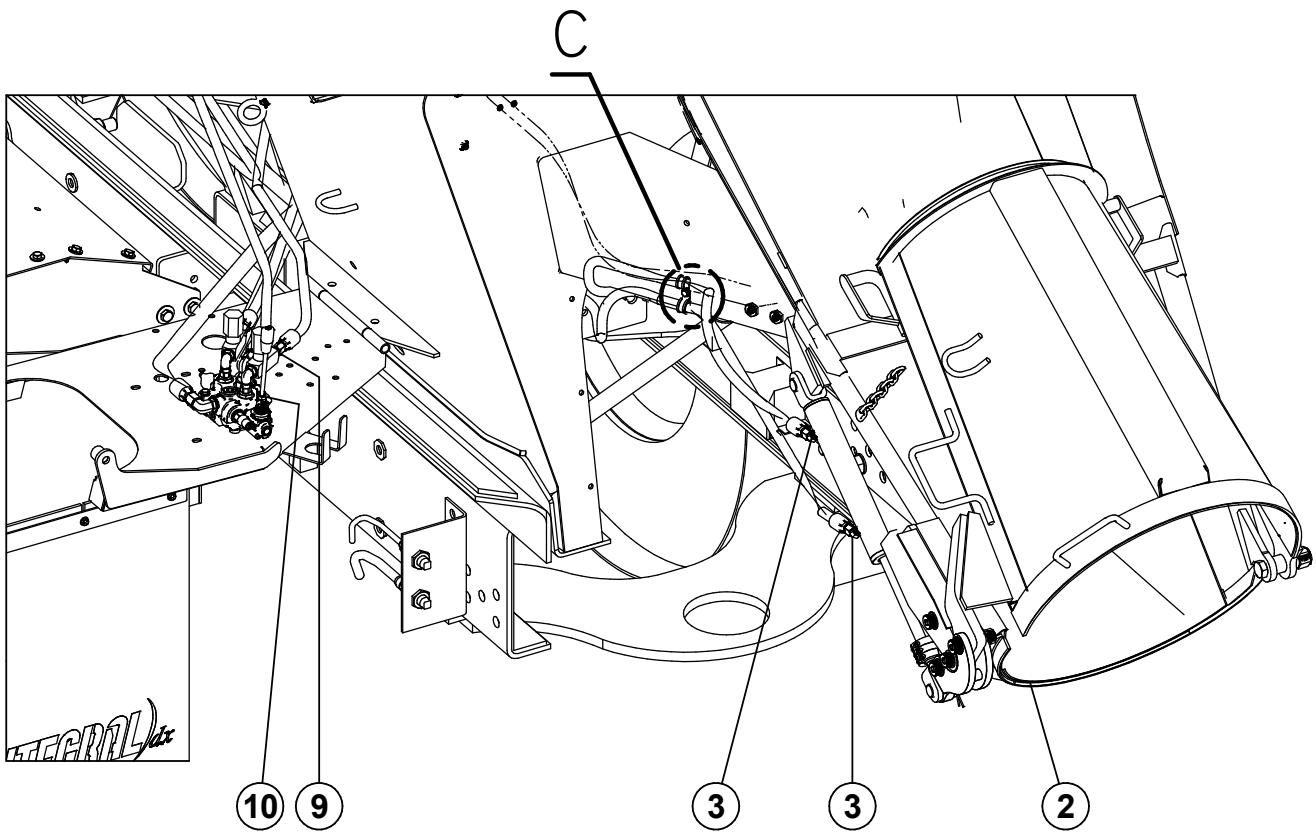
MA1 PRESSURE TO CHUTE FOLD POWER BEYOND (P3)

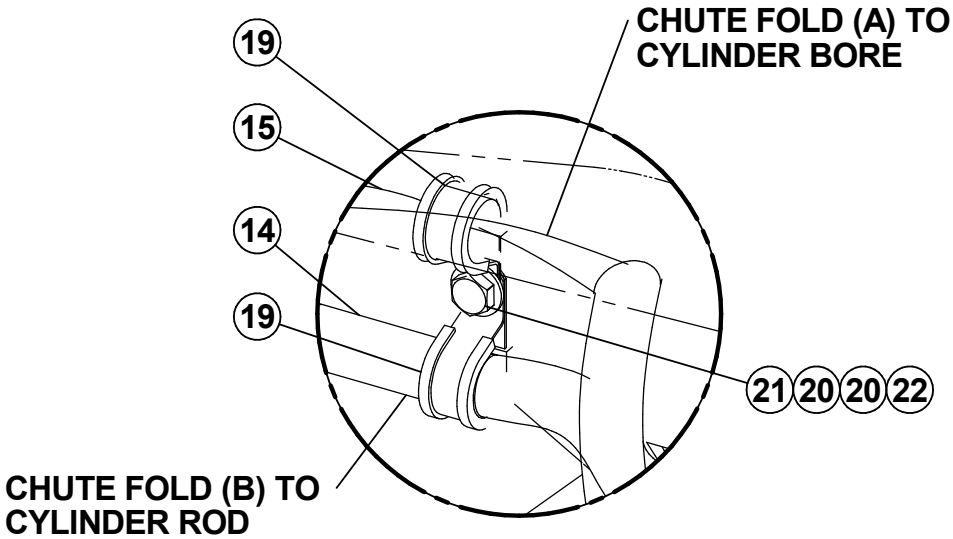
DETAIL: A

70102397 - ASSY HYD FOLDOVER CHUTE RESULTS (1 of 2)

Item	Qty	Description	Part #
1	1	VALVE, CUTE FOLD W/RELIEF	70102201
2	1	ASSY - HYD. FLIP CHUTE, MODIFIED	98429663
3	2	FITTING - HYD, 45° #4 ORB X #6 FLARE	70100786
4	2	FITTING - HYD, STR #8 ORB X #6 FLARE	30389170
5	2	FITTING - HYD, ELBOW #6 ORB X #6 FLARE SWIVEL	70101745
6	2	VLAVE, FLOW REGULATOR	70101738
7	1	FITTING - HYD, STR #10 ORB X #6 FLARE	70101744
8	1	FITTING - HYD, ELBOW #6 FLARE SWIVEL X #6 FLARE	30389374
9	2	FITTING - HYD, STR #6 ORB X #6 FLARE	30389362
10	3	FITTING - HYD, ELBOW #8 ORB X #8 FLARE	30389462
11	4	WASHER DIN 125 B 8.4-140HV-A2C	10010371
12	2	NUT DIN 934 M 8-8-A2C	10001248
13	2	SCREW DIN 931 M 8 X 65-8.8-A2C	10011311
14	1	HOSE, HYD SAE 6/6 X 113” -5000 PSI	98430288
15	1	HOSE, HYD SAE 6/6 X 122” -5000 PSI	98430289
16	1	HOSE, HYD SAE 6/6 X 262” -4500 PSI	70102194
17	1	HOSE, HYD SAE 6/6 X 256.5” -5000 PSI	70102210
18	1	HOSE, HYD SAE 8/8 X 275” -4500 PSI	70102195
19	2	CLAMP, 3/4”	30359261
20	2	WASHER, 1/4”	30303735
21	1	HHCS, 1/4”-20 X 1”	30302132
22	1	NUT, 1/4”-20 NYLOCK	30391374
23	1	FITTING - HYD, BUSHING 1/2FNPT X 3/4”NPT	30318644
24	1	FITTING - HYD 90° ELB #6 37° X 1/2” NPT	98332726

70102397





DETAIL: C

70102397 - ASSY HYD FOLDOVER CHUTE RESULTS (2 OF 2)

Item	Qty	Description	Part #

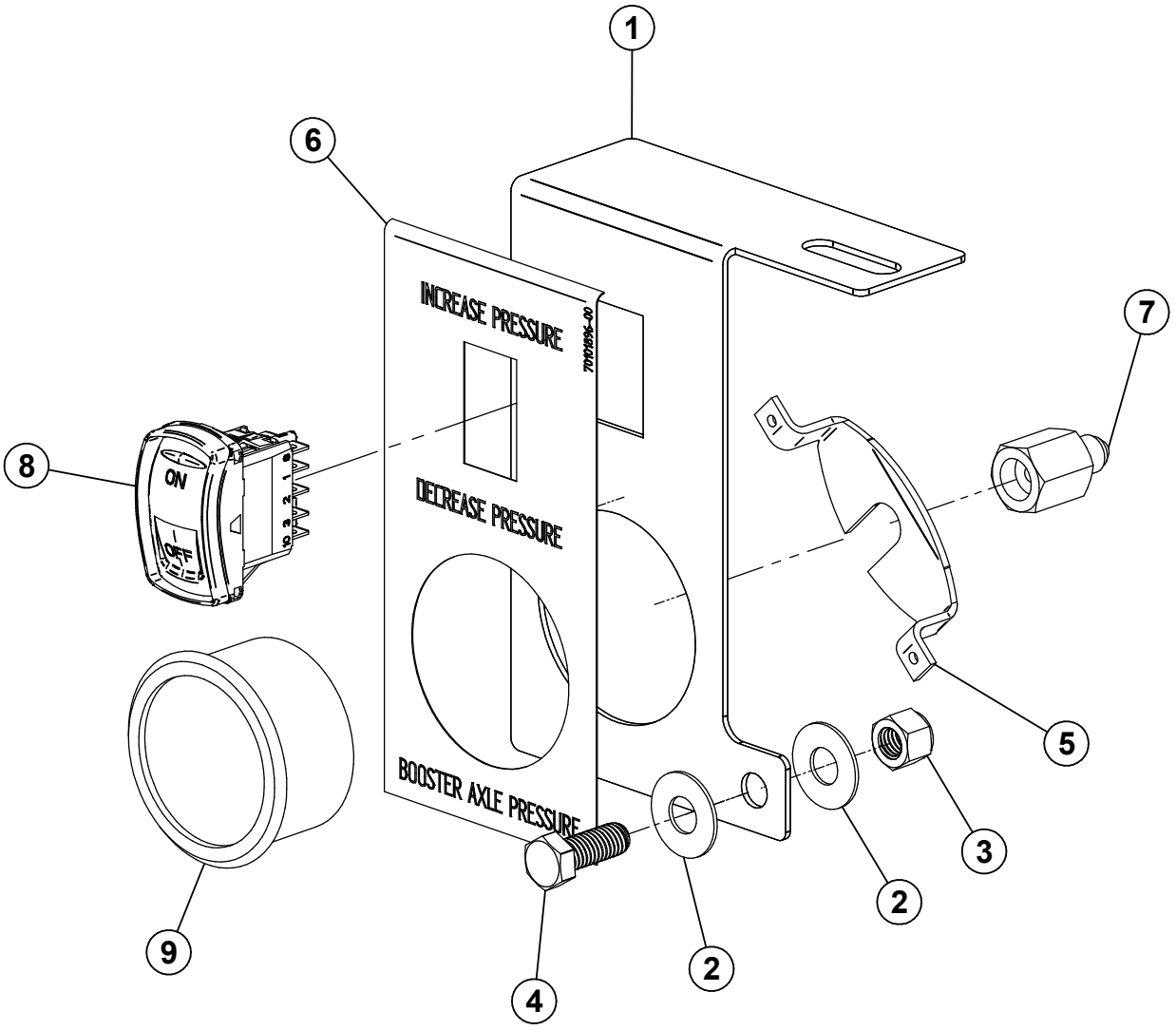
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9.0 Booster

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70101829

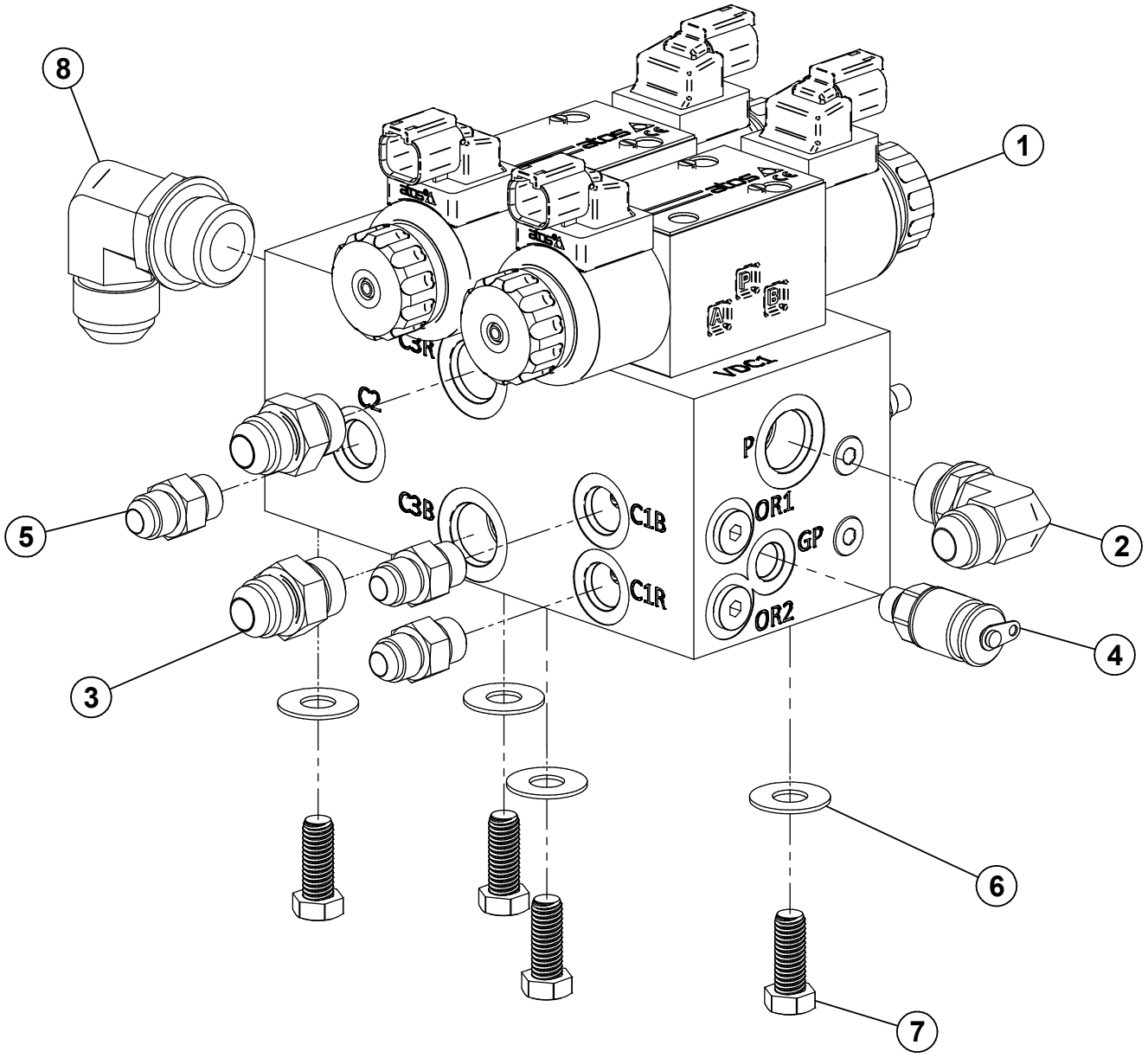
00	4/18/24



70101829 - ASSY, HYDRAULIC PANEL RESULTS

Item	Qty	Description	Part #
1	1	PLATE, HYDRAULIC CONTROLS	70101828
2	2	WASHER, FLAT, 3/8, ZP	30302130
3	1	NUT - 3/8 -16 NC NYLOCK	98372389
4	1	SCREW - 3/8"-16 NC X 1" LG GR.5 HHCS	30302118
5	1	BKT-WATER GAUGE	70100058
6	1	DECAL, BOOSTER PRESSURE	70101896
7	1	FITTING - HYD, STR #4 FLARE X 1/4” NPT FEM	30389168
8	1	RCKR SW,KH,MOM-OFF-MOM,1/4” QC	70101818
9	1	GAUGE, 3000 PSI, 1/4”NPT, BM	70101895

70101724



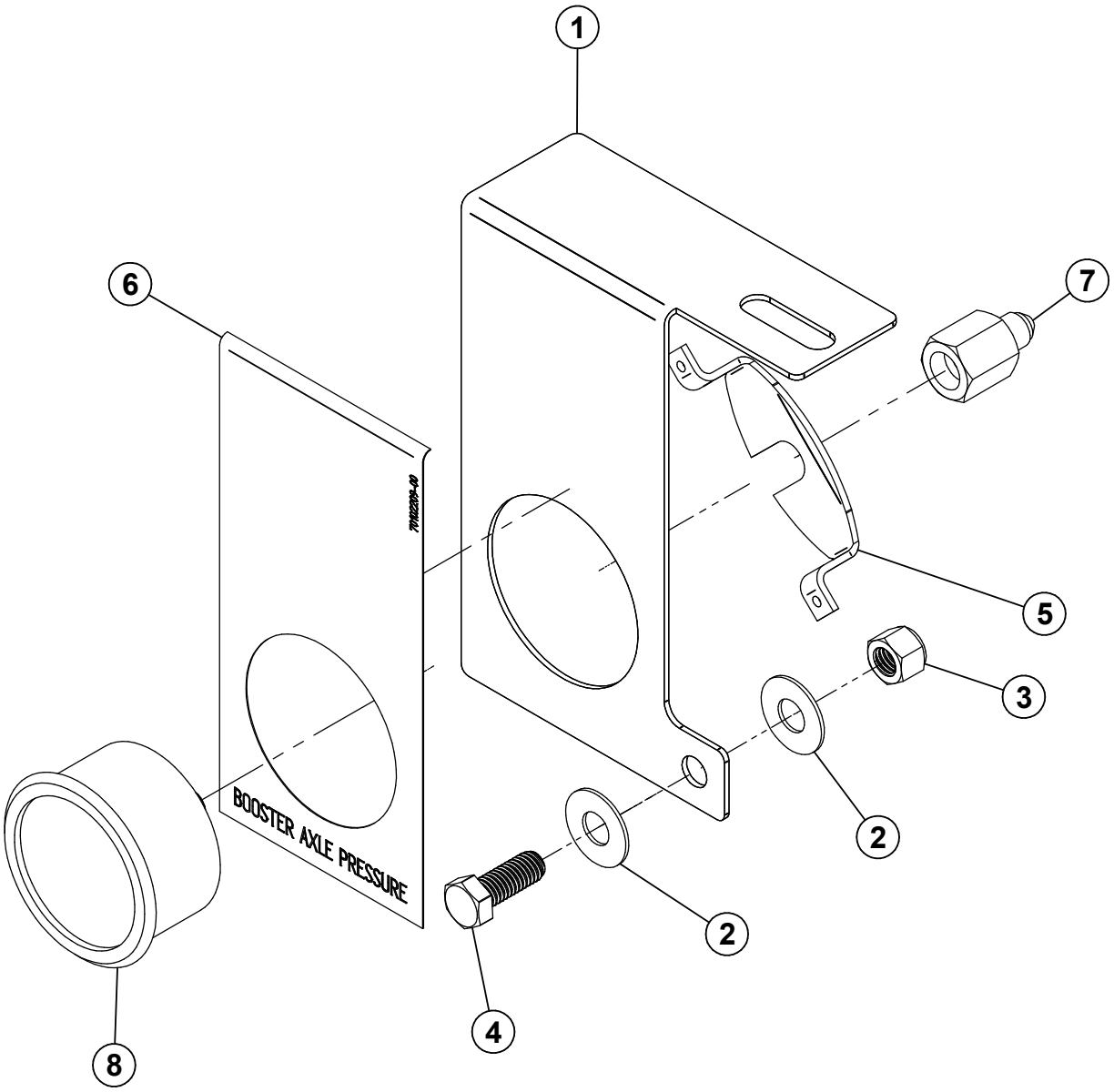
NOTE: ORDERING 70100307 INCLUDES MANIFOLD BLOCK, ALL VALVES (SOLENOID, NEEDLE, RELIEF), PLUGS, COIL, AND ORIFICE.

AVAILABLE SPARE PARTS ARE LISTED ON NEXT PAGE

70101724 - ASSY, MAIN MANIFOLD BOOSTER RESULTS

Item	Qty	Description	Part #
1	1	HYD, MANIFOLD, BOOSTER	70100307
2	1	FITTING - HYD, ELBOW #8 ORB X #8 FLARE	30389462
3	2	FITTING - STR #8 ORB X #8 FLARE	30386264
4	1	FITTING - HYD, TEST PLUG #4	30335096
5	3	FITTING - HYD, STR #6 ORB X #6 FLARE	30389362
6	4	WASHER, FLAT, 3/8, ZP	30302130
7	4	SCREW - 3/8”-16 NC X 1” LG GR.5 HHCS	30302118
8	1	FITTING - HYD, ELBOW #12 ORB X #12 FLARE	30389166
		SPARE PARTS FOR 70100307	
	1	VALVE-SERIES 3 BOOSTER	70102308
	1	VALVE-SERIES 3 CHUTE	70102321
	1	MANIFOLD BLOCK	70102432
	1	RELIEF VALVE,2000 PSI	70102433
	1	RELIEF VALVE,2000 PSI SEAL KIT	70102434
	1	NEEDLE VALVE	70102435
	1	NEEDLE VALVE SEAL KIT	70102436
	1	3/2 SOLENOID VALVE	70102437
	1	3/2 SOLENOID VALVE SEAL KIT	70102438
	2	D03 VALVE SEAL KIT ATOS	70102444

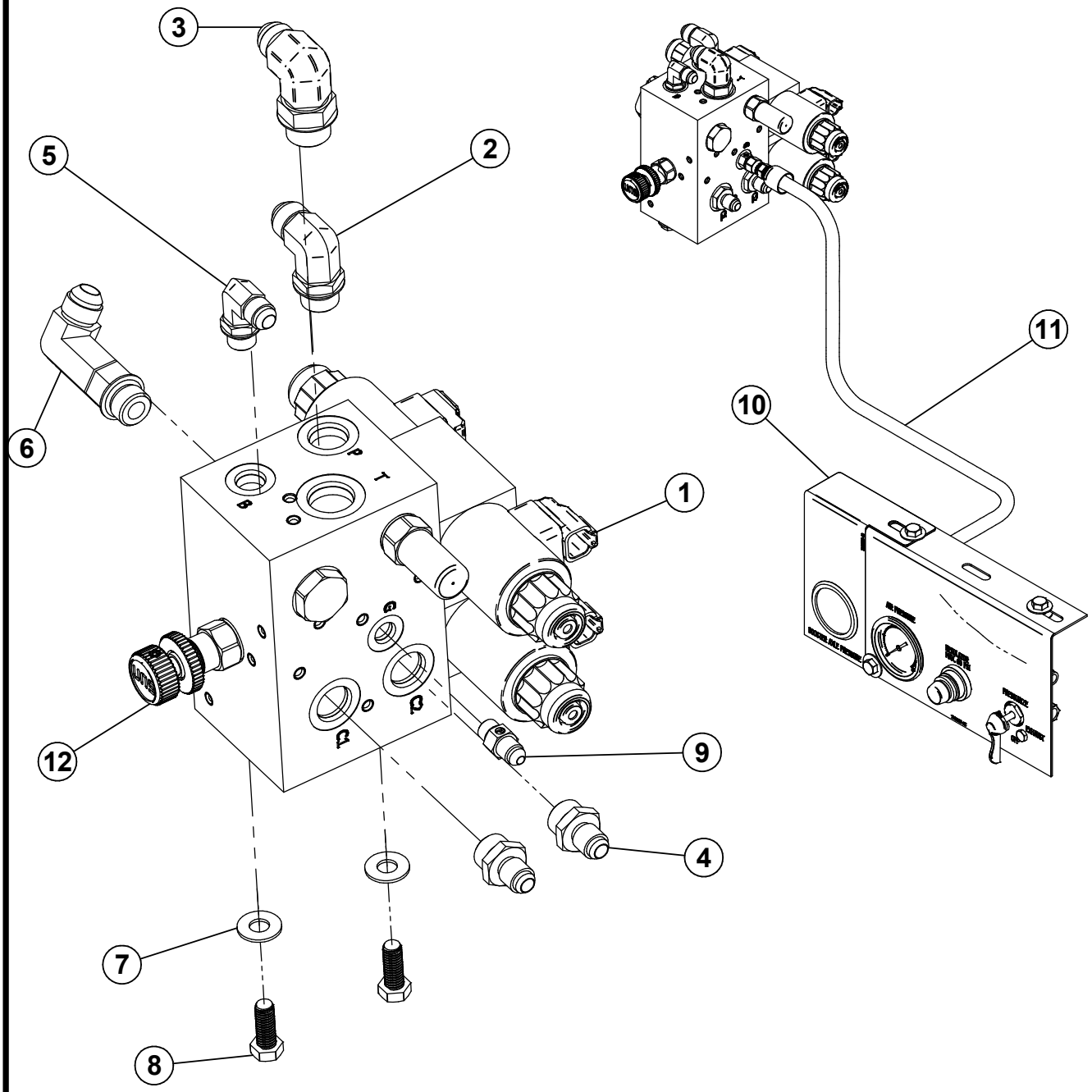
70102207



70102207 - ASSY, HYDRAULIC PANEL

Item	Qty	Description	Part #
1	1	PLATE, HYDRAULIC CONTROLS	70102208
2	2	WASHER, FLAT, 3/8, ZP	30302130
3	1	NUT - 3/8 -16 NC NYLOCK	98372389
4	1	SCREW - 3/8"-16 NC X 1" LG GR.5 HHCS	30302118
5	1	BKT-WATER GAUGE	70100058
6	1	DECAL, BOOSTER PRESSURE	70102209
7	1	FITTING - HYD, STR #4 FLARE X 1/4” NPT FEM	30389168
8	1	GAUGE, 4000 PSI, 1/4”NPT, BM	70102312

98404271



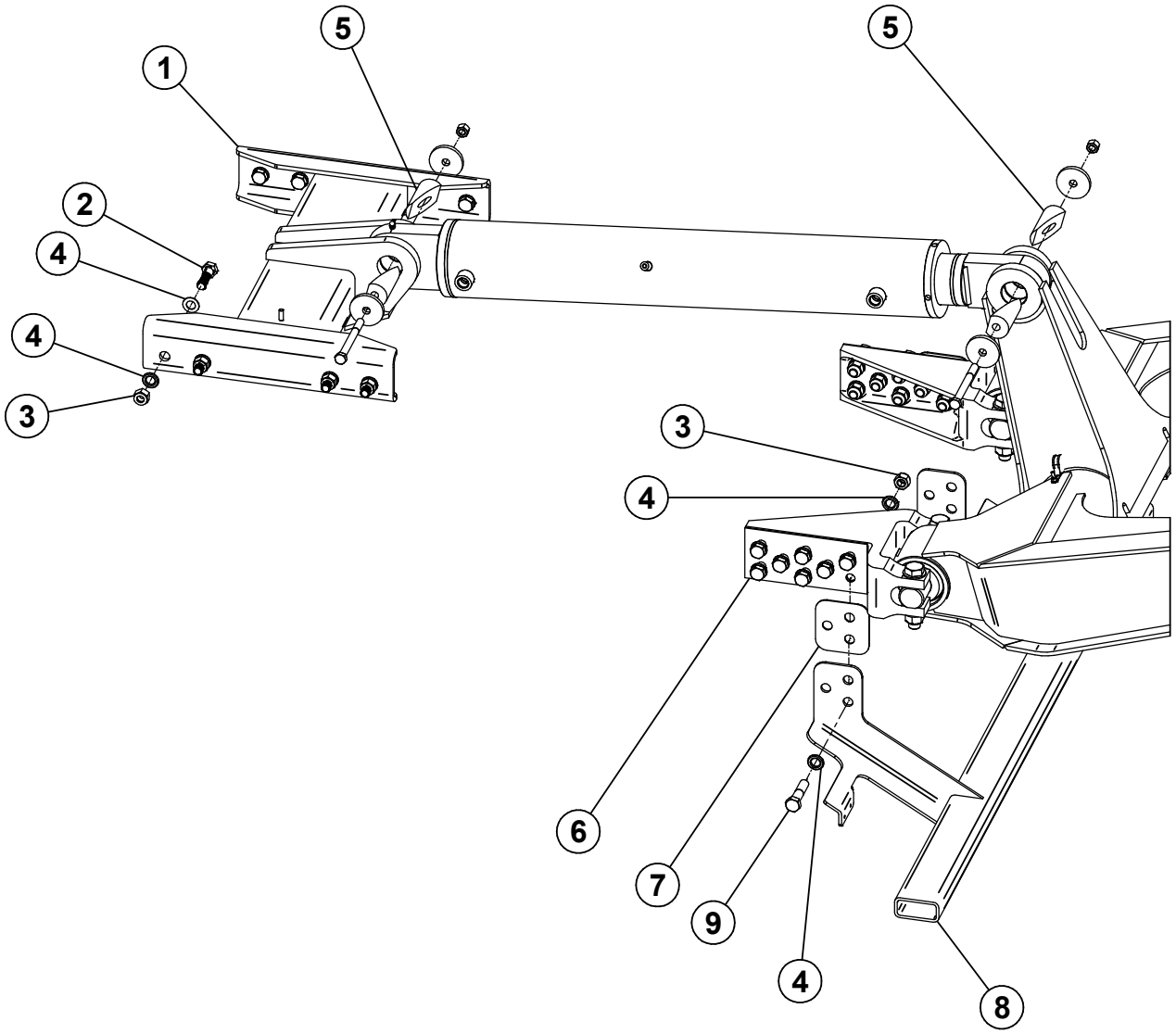
NOTE: ORDERING 98397730 INCLUDES MANIFOLD BLOCK, ALL VALVES (SOLENOID, PRESSURE REDUCING, RELIEF, AND SHUTTLE) TEST PORT, PLUGS, COIL, AND ORIFICE.

AVAILABLE SPARE PARTS ARE LISTED ON NEXT PAGE

98404271 - ASSY BOOSTER VALVE

Item	Qty	Description	Part #
1	1	VALVE -HYD, MIXER CHUTE AND BOOSTER	98397730
2	1	FITTING - HYD, ELBOW #8 ORB X #8 FLARE	30389462
3	1	FITTING - HYD, ELBOW #10 ORB X #8 FLARE	30389390
4	2	FITTING - HYD, MALE 3/8" X 1/2" 37 DEG	30389170
5	1	FITTING - HYD, ELBOW 37 DEG 3/8"	30389160
6	1	FITTING ELBOW LNG #8 ORB TO #8 FLARE	30386265
7	2	SCREW RETAINER SKM 10-GT320	10129841
8	2	SCREW - 3/8"-16 NC X 1" LG GR.5 HHCS	30302118
9	1	FITTING - HYD, #4 ORB X #4 FLARE	30389463
10	1	ASM, HYDRAULIC PANEL	70102207
11	1	HOSE-HYD 4/4 X 30” 6000 PSI	70102211
12	1	VALVE CARTRIDGE PRDB-KAN	10194895
		SPARE PARTS FOR 98397730	
	2	VALVE-SERIES 2 BOOSTER	70102430
	1	VALVE, RELIEF 3200PSI	70101111
	1	SEAL KIT FOR RELIEF VALVE	70102429
	1	VALVE, PRESSURE REDUCING	98456274
	1	SEAL KIT FOR PRESSURE REDUCING VALVE	70100860
	1	MANIFOLD BLOCK	70102431
	2	D03 VALVE SEAL KIT ATOS	70102444

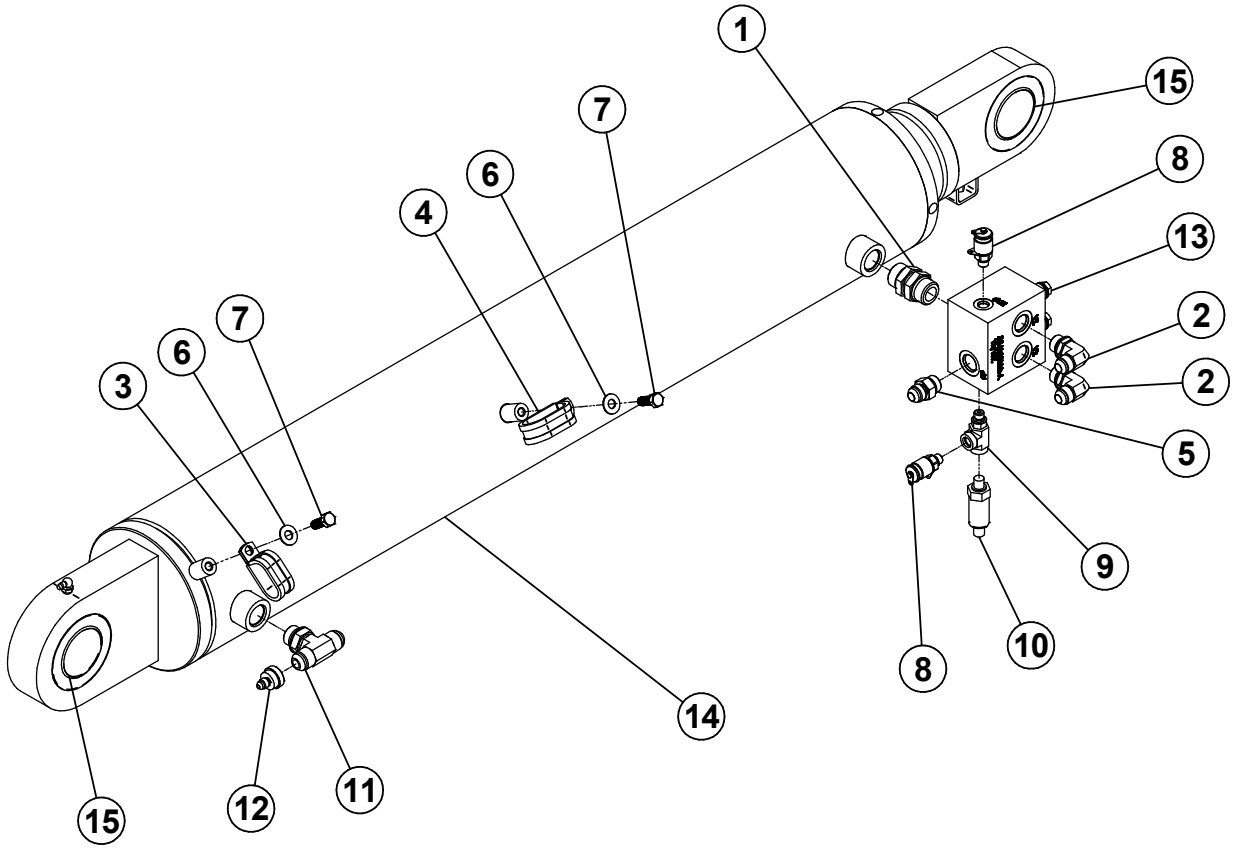
BOOSTER MTG



ASSY - BOOSTER AXLE MOUNTING

Item	Qty	Description	Part #
1	1	WMT - BRKT, BOOSTER CYL MNT	98329215
2	8	SCREW, M20 X 70	30390976
3	24	NUT TOPLOCK M20	30392112
4	48	WASHER, M20	10001509
5	2	PIN - BOOSTER PIVOT, SPLIT PIN	30389839
6	2	SPACER - BOOSTER 1/8”	70101677
7	2	PLATE, SPACER 1/8” BOOSTER BUMPER	70100124
8	1	WMT, REAR BUMPER BOOSTER	30386272
9	16	SCREW, M20 X 90	10002132

70101722

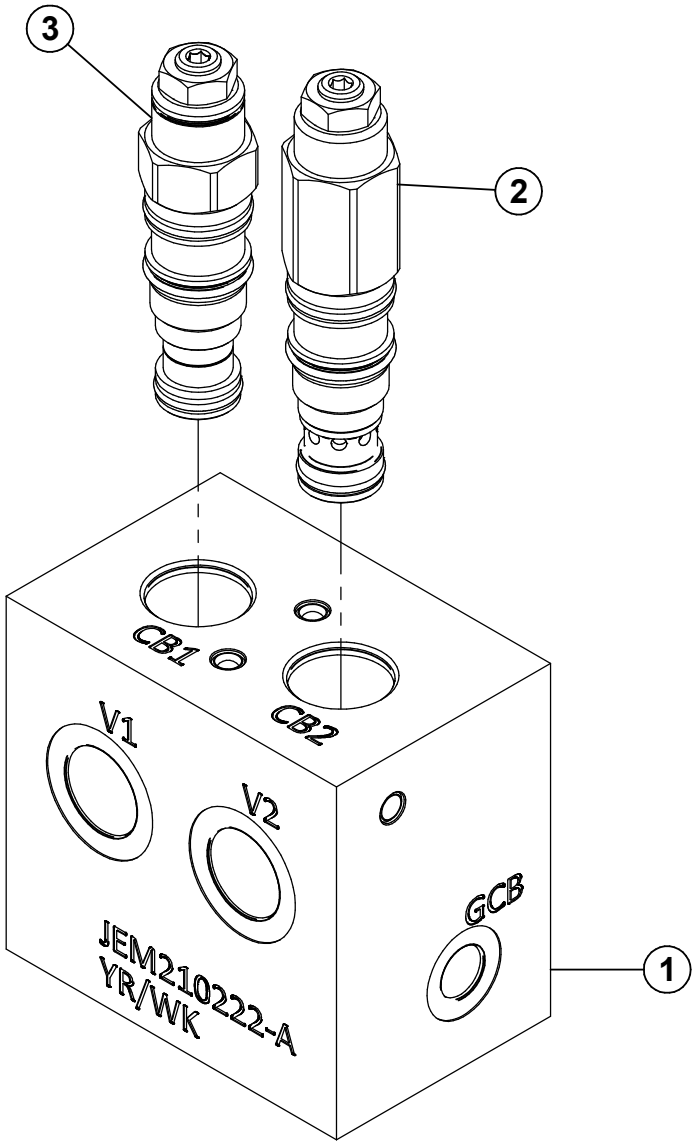


BOOSTER CYLINDER ACCUMULATOR PRESSURE 800 PSI

70101722 - ASSY HYDRAULIC BOOSTER CYLINDER RESULTS

Item	Qty	Description	Part #
1	1	FITTING - HYD, UNION 3/4" SAE	30389162
2	2	FITTING - HYD, ELBOW #8 ORB X #8 FLARE	30389462
3	1	P-CLAMP, DOUBLE 7/8”	70100448
4	1	P-CLAMP, DOUBLE 1 1/8”	70100449
5	1	FITTING - STRAIGHT #8 ORB X #8 FLARE	30386264
6	2	SCREW RETAINER SKM 10-GT320	10129841
7	2	SCREW - HHC, 3/8-16UNC X 1.00" GR 5 Y.Z.	30302118
8	2	FITTING - HYD, TEST PLUG #4	30335096
9	1	FITTING, HYD TEE	70100460
10	1	SENSOR PSI 4-20MA	98397598
11	1	FITTING - HYD #12 MJ TO #8 MJ TEE	70101750
12	1	FITTING - HYD #8 FJ X #4 MJ	70101751
13	1	HYDRAULIC BOOSTER CONTROL VALVE	70100308
14	1	CYLINDER - HYD, BOOSTER AXLE	98428451
		SPARE PARTS	
15	2	ARTICULATED BEARING	30386262

70100308



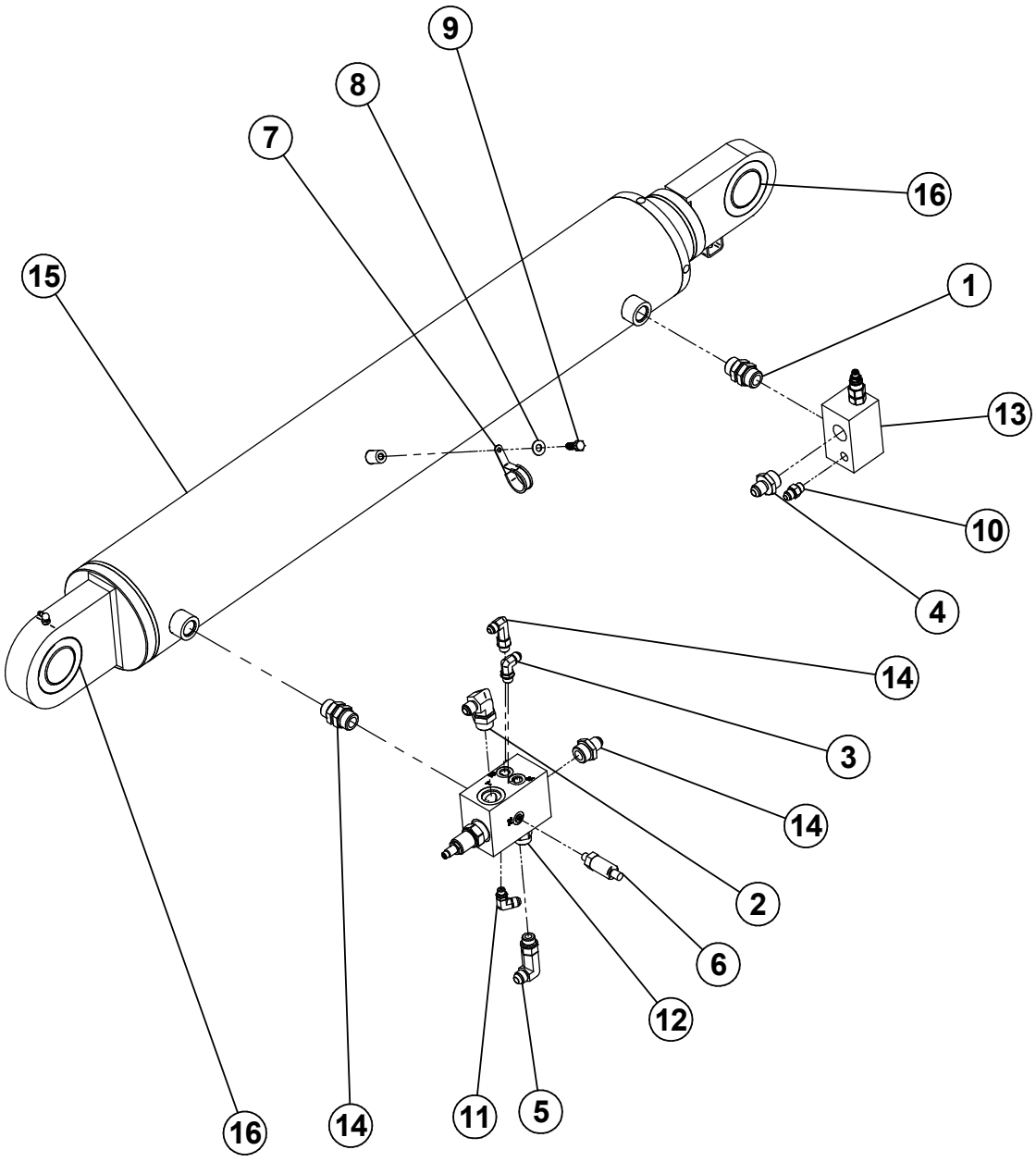
NOTE: ORDERING 70100308 INCLUDES MANIFOLD BLOCK, COUNTERBALANCE VALVES, AND PLUGS

AVAILABLE SPARE PARTS ARE LISTED ON NEXT PAGE

70100308 - HYDRAULIC BOOSTER CONTROL VALVE

Item	Qty	Description	Part #
1	1	MANIFOLD BLOCK	70102439
2	1	VALVE-LOAD CNTRL,4.5:1,3000PSI	70102322
3	1	VALVE-COUNTERBALANCE, 4.5:1, 1500PSI	70102362
		SPARE PARTS FOR 98397730	
	2	SEAL KIT FOR COUNTERBALANCE VALVES	70100860

98404274

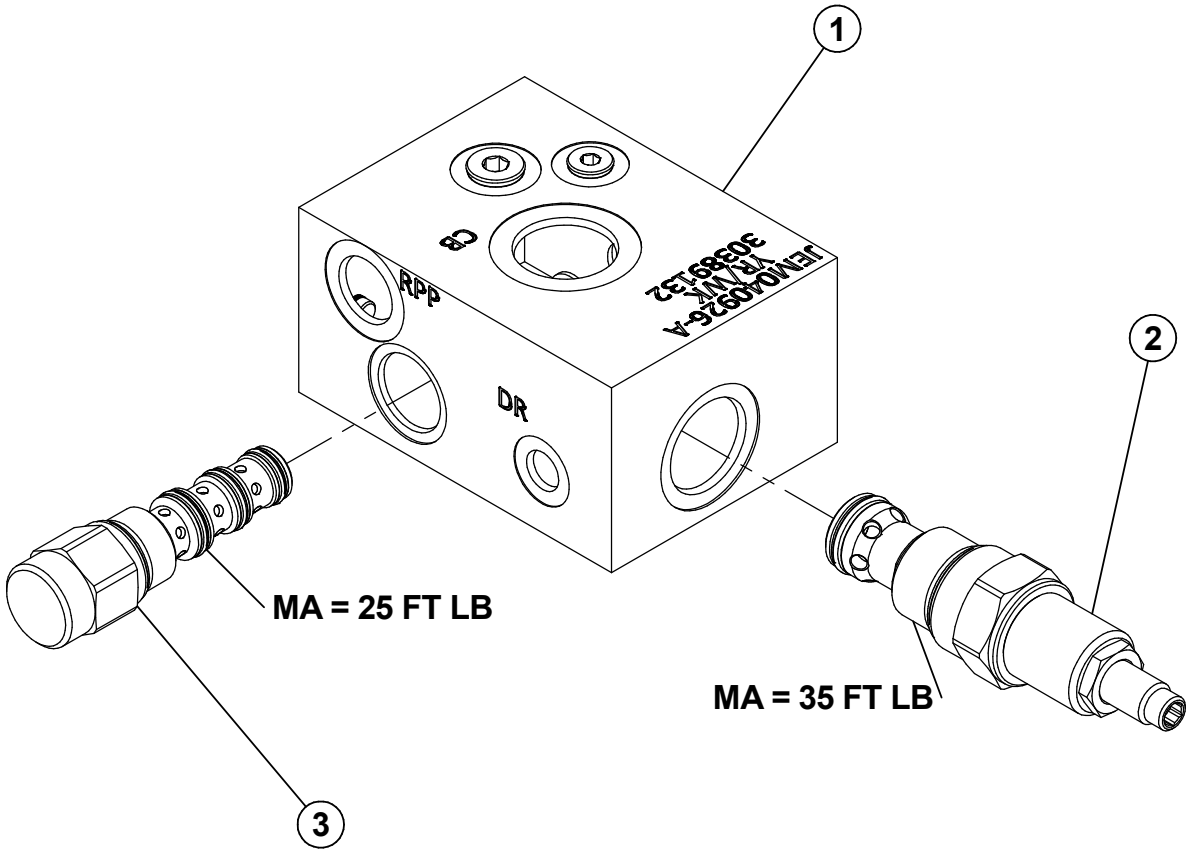


BOOSTER CYLINDER ACCUMULATOR PRESSURE 1150 PSI

98404274 - ASSY HYDRAULIC BOOSTER CYLINDER ICT

Item	Qty	Description	Part #
1	2	FITTING - HYD, UNION #12 ORB	30389162
2	1	FITTING - HYD, ELBOW #8 37° X #12 ORB	30389165
3	2	FITTING - HYD, ELBOW #6 37° X #6 ORB	30389160
4	2	FITTING- HYD, #12 ORB X #8 37°	30389465
5	1	FITTING ELBOW LONG #8 ORB TO #8 37°	30386265
6	1	SENSOR PSI 4-20MA	98397598
7	1	CLAMP - HOSE, RUBBER LINED X 1 1/4" DIAM	30389730
8	1	SCREW RETAINER SKM 10-GT320	10129841
9	1	SCREW - HHC, 3/8-16UNC X 1.00" GR 5 Y.Z.	30302118
10	1	FITTING - HYD, #6 37° X #6 ORB	30389362
11	1	FITTING - HYD ELBOW #6 37° X #4 ORB	30389385
12	1	VALVE - HYD, PISTON END BOOSTER AXLE	30389132
13	1	VALVE - HYD, ROD END AXLE	30389133
14	1	FITTING - HYD, ELBOW LONG #6 ORB X #6 37°	70100180
15	1	CYLINDER - HYD, BOOSTER AXLE	98428451
		SPARE PARTS	
16	2	ARTICULATED BEARING	30386262

30389132

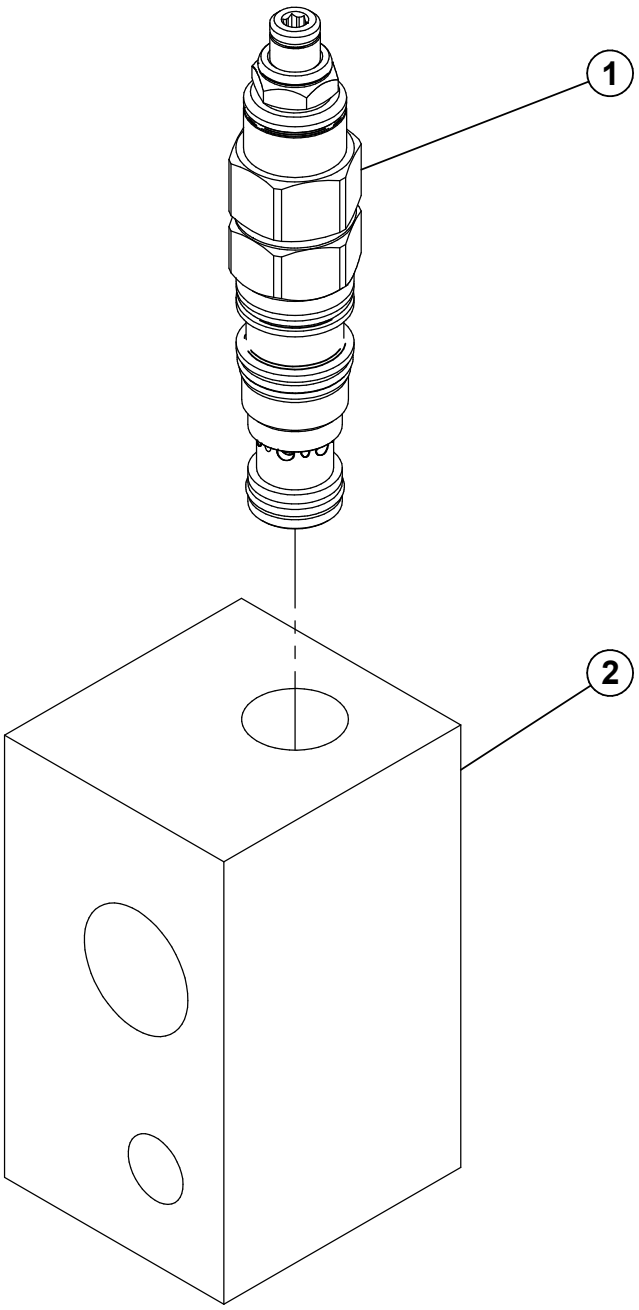


AVAILABLE SPARE PARTS ARE LISTED ON NEXT PAGE

30389132 - VALVE - HYD, PISTON END BOOSTER AXLE

Item	Qty	Description	Part #
1	1	MANIFOLD BLOCK	70102418
2	1	RELIEF VALVE	70102414
3	1	PILOTED, SPOOL VALVE	70102416
		SPARE PARTS	
	1	RELIEF VALVE SEAL KIT	70102415
	1	PILOTED, SPOOL VALVE SEAL KIT	70102417

30389133

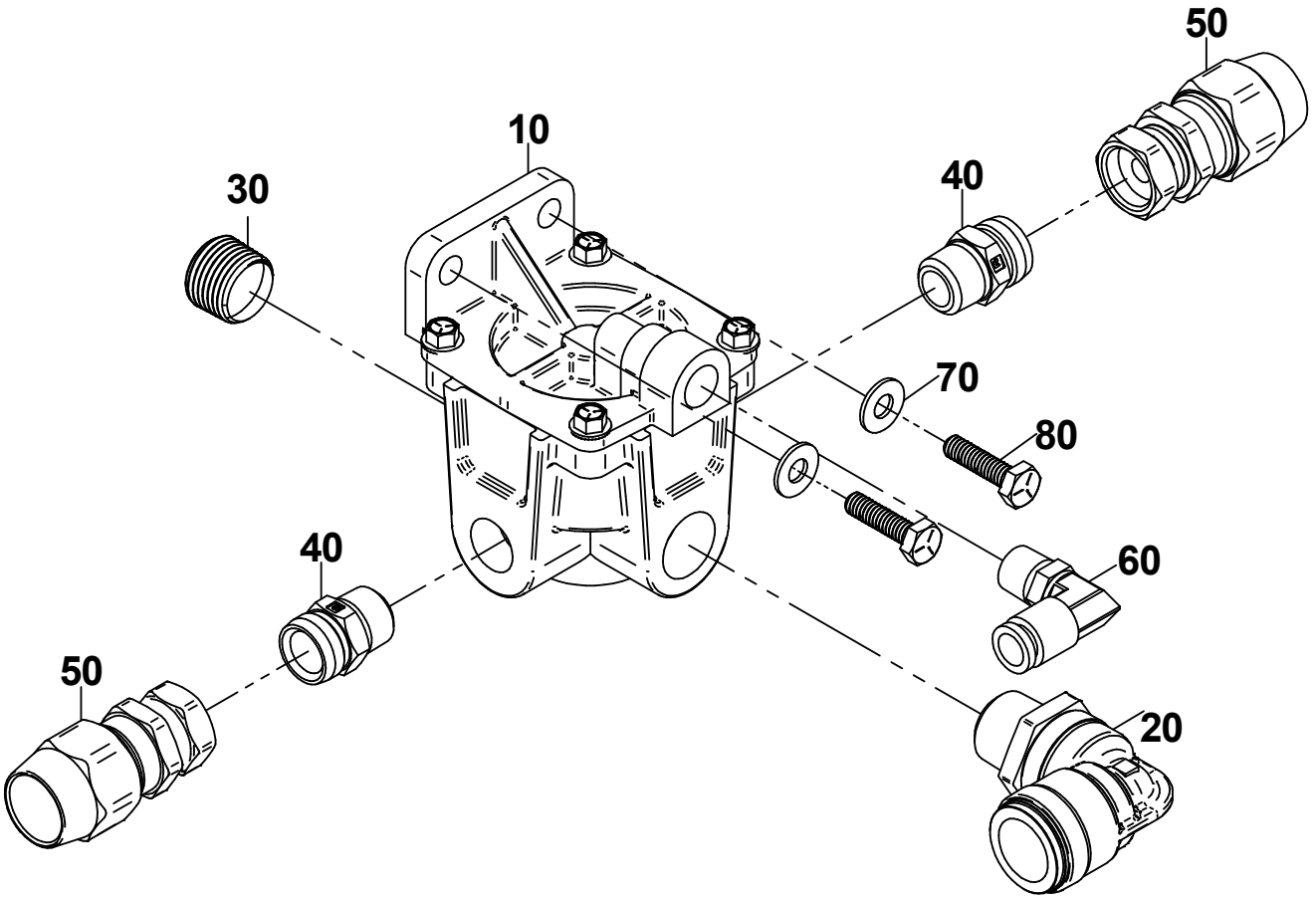


AVAILABLE SPARE PARTS ARE LISTED ON NEXT PAGE

30389133 - VALVE - HYD, ROD END AXLE

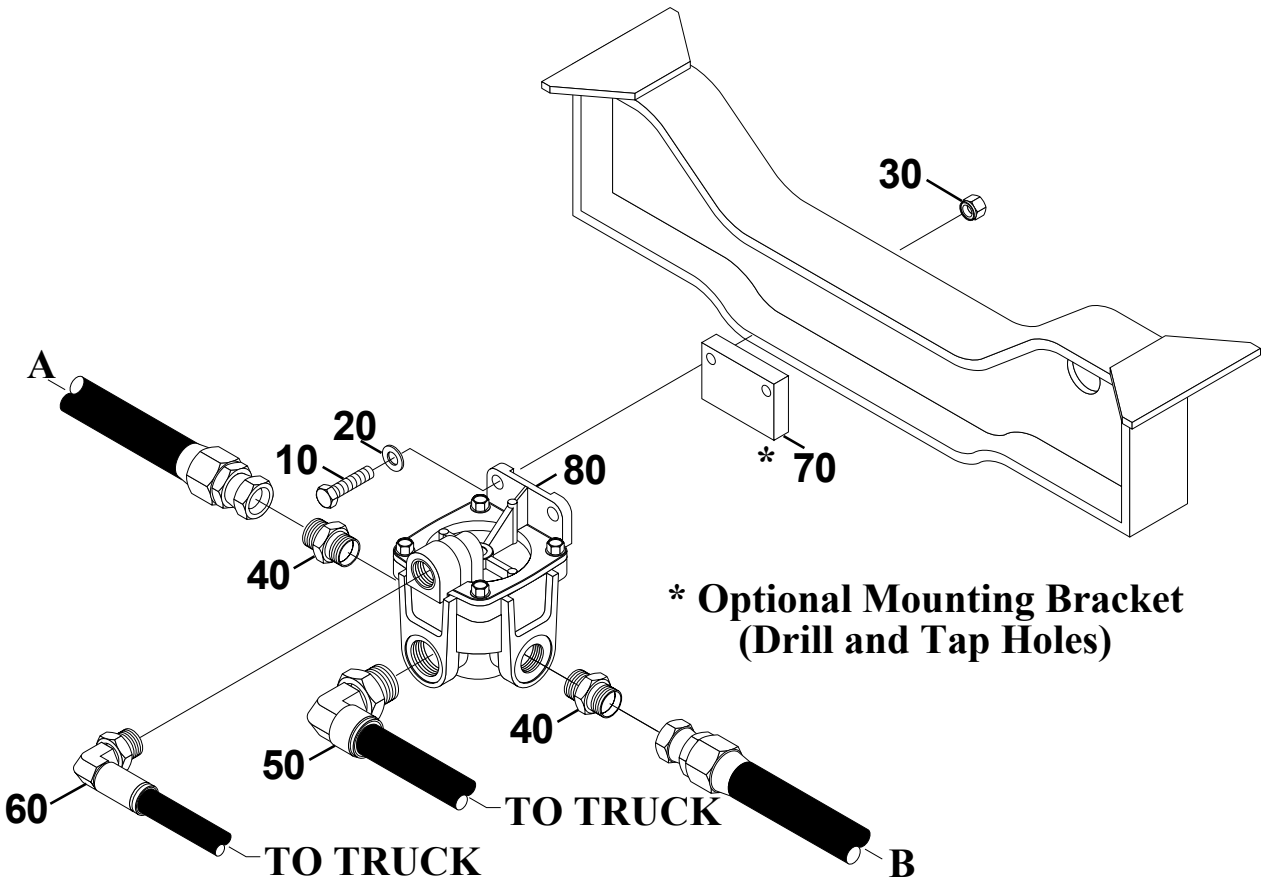
Item	Qty	Description	Part #
1	1	COUNTERBALANCE VALVE	70102419
2	1	MANIFOLD BLOCK	70102421
		SPARE PARTS	
	1	COUNTERBALANCE VALVE SEAL KIT	70102420

	98420193	
	00	01.08.2017



98420193 - ASSY BOOSTER AIR LINE RELAY VALVE

Item	Qty	Description	Part #
10	1	VALVE - PNEU RELAY 2 PORT / BRAKE SYSTEM	30315297
20	1	FITTING - ELB, 90° 3/4" TUBE X 1/2" NPTM	98417992
30	1	FITTING - LUB, 1/2" NPT PLUG ALLEN HEAD	30389938
40	2	FITTING - AIR, 3/4"-20 X 3/8" NPT -BRASS	30359238
50	2	FITTING - AIR, 3/4"-20 X 3/8" HOSE-BRASS	30359237
60	1	FITTING - ELB 90° 3/8" TUBE X 1/4" NPTM	30351528
70	2	WASHER - FLAT, 1/4" USS - FE/ZN 3AT	30303735
80	2	SCREW - HHC, 1/4"-20 X 1" GR 5 FE/ZN 3AT	30302132

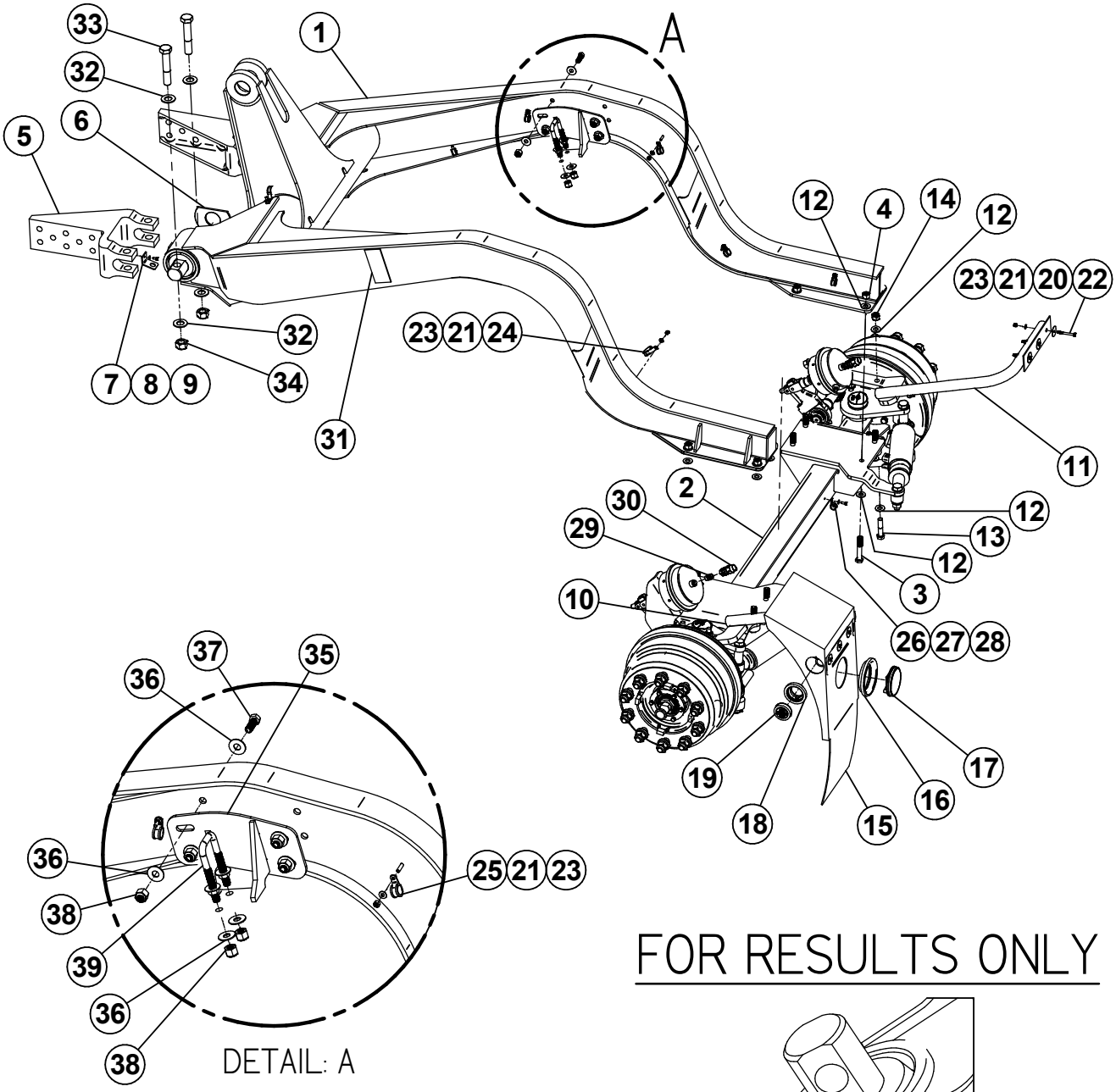


A BOOSTER AXLE AIR BRAKE LINES/PROX. - R.H.
B BOOSTER AXLE AIR BRAKE LINES/PROX. - L.H.

ASSY - BOOSTER VALVE RELAY

Item	Qty	Description	Part #
10	4	HHCS 1/4” X 1”	30302132
20	2	FLAT WASHER 1/4”	30303735
30	2	LOCK NUT 1/4”	30334582
40	2	ADAPTER 3/4”	30359238
50	1	SWIVEL ELBOW 1/2”	30348483
60	1	NON-SWIVEL ELBOW 3/8”	30359450
70	1	MOUNTING BRCKT AIR VALVE	* 30358419
80	1	VALVE RELAY 4-PORT	30315297

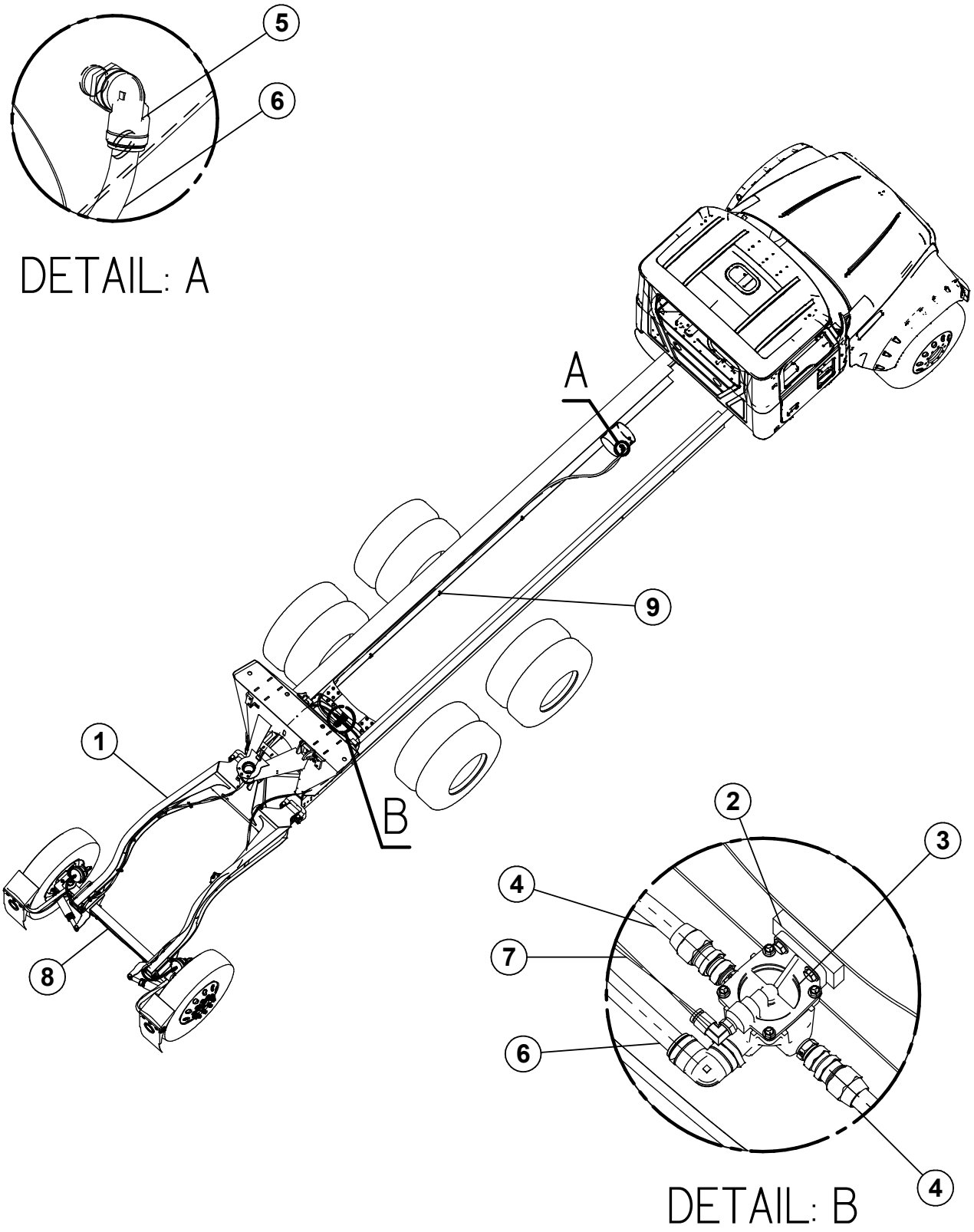
98397199



98397199 - ASSY BOOSTER AXLE

Item	Qty	Description	Part #
1	1	ASSY - BOOSTER AXLE	30386773
2	1	BOOSTER AXLE (PLAIN)	98375683
3	8	SCREW - HHCS 5/8”-11 X 3 3/4”, GR8 YZ	70101529
4	8	NUT - TOP LOCK 5/8”-11 GR. C ZP	70102147
5	2	CASTING - PIVOT BUSHING BRACKET, BOOSTER	30386606
6	2	PLT - FORCE WASHER, BRIDGE FORMULA	30386608
7	1	BRACKET , PROXIMITY SWITCH, MIXERS	98417432
8	1	WASHER - SPLIT LOCK MEDIUM, 1/4" - Z.P.	30302123
9	1	SCREW - HHC, 1/4"-20UNC X 1/2" LG GR5 ZP	30372605
10	1	WELDMENT, BRACKET FENDER, BOOSTER,	98397136
11	1	WELDMENT, BRACKET FENDER, BOOSTER,	98397142
12	24	WASHER - FLAT, 5/8", SAE GR 8 YELLOW ZIN	98394254
13	4	SCREW - HHCS 5/8-18 X 3" GR 8 YELLOW ZIN	98402393
14	4	NUT - LOCK 5/8-18 GR. 8 ZP	98373491
15	2	FENDER - BOOSTER AXLE UNIVERSAL	98344217
16	2	PARTS - LIGHT GROMMET 4"	30389479
17	2	LIGHT - 4" ROUND, RED LED 6-DIODE	30386308
18	2	PARTS - LIGHT GROMMET 2.5"	30369473
19	2	LIGHT - MARKER RED 2.5" LED	30369467
20	6	WASHER - FLAT, 1/4"ID X 1 1/2"OD FENDER	30389868
21	18	WASHER - FLAT, 1/4" USS - FE/ZN 3AT	30303735
22	6	SCREW - 1/4"-20 NC X 2 1/2" LG GR.5 HHCS	30309311
23	18	NUT - LOCK 1/4"-20 NC NYLON INSERT	30334582
24	6	CLAMP - HOSE, RUBBER LINED X 1 1/4" DIAM	30389730
25	6	HARN - CLAMP, 3/4"SS PARTIALLY CUSHIONED	30359261
26	2	CLAMP - HOSE, RUBBER LINED X 9/16" DIAME	30389729
27	2	SCREW RETAINER SKM 6-GT320	10134153
28	2	SCREW DIN 933 M 6 X 16-8.8-A2C	10001762
29	2	FITTING - AIR, 3/4"-20 X 3/8" NPT -BRASS	30359238
30	2	FITTING - AIR, 3/4"-20 X 3/8" HOSE-BRASS	30359237
31	2	DECAL AXLE WARNING	30354679
32	8	WASHER - FLAT 1”	70100200
33	4	SCREW - HHCS 1”-8 X 5.5”	70100201
34	4	NUT - NYLOCK 1”-8	70100199
35	1	WLDT, U BOLT BRACKET	70101070
36	10	WASHER, FLTAT 9/16”	30302126
37	4	SCREW - HHCS 1/2”-13 X 1.5”	30314369
38	6	NUT - NYLOCK 1/2”-13	30307220
39	1	U-BOLT, 1/2” X 2” X 4 5/8”	70101091
40	1	PLT - BOOSTER PROX. MNT BRKT	70102092
41	1	PLT - BSTR PROX. PLATE	70102093

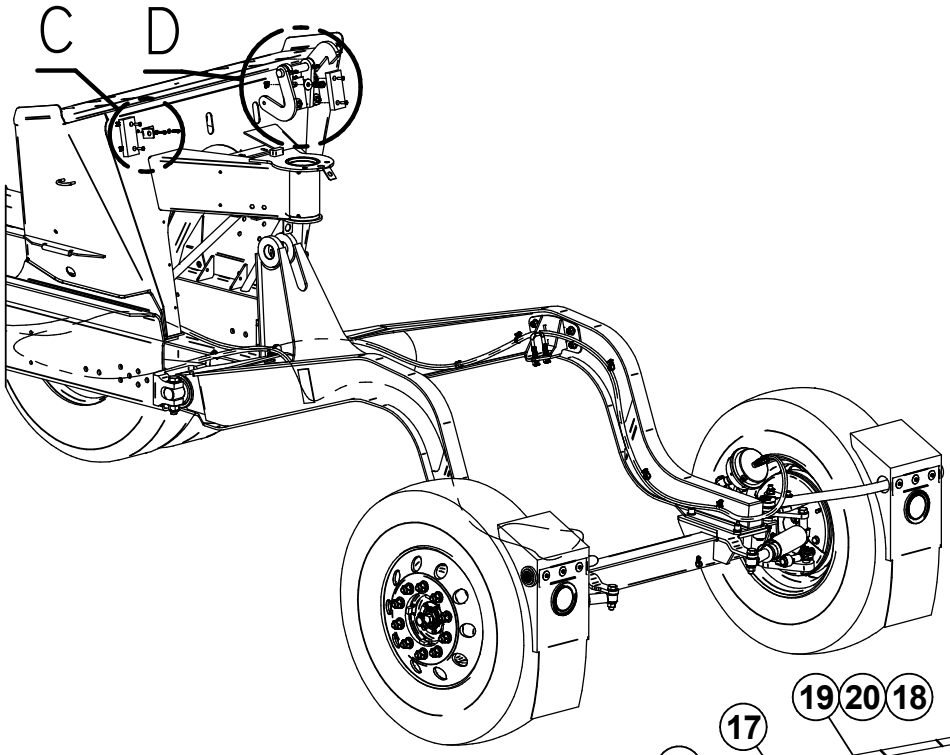
98420656

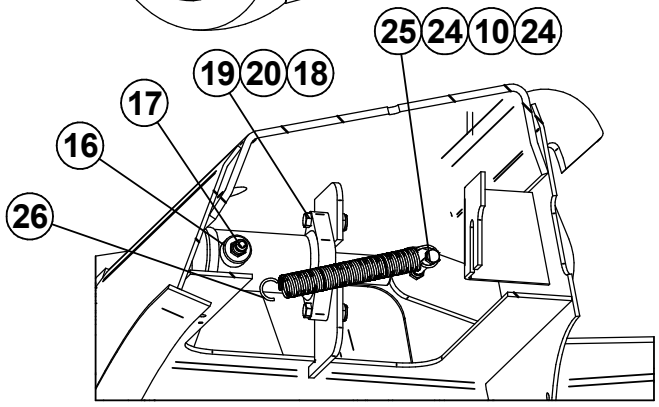


98420656 - ASSY BOOSTER AXLE AIR LINE PLAIN (1 of 2)

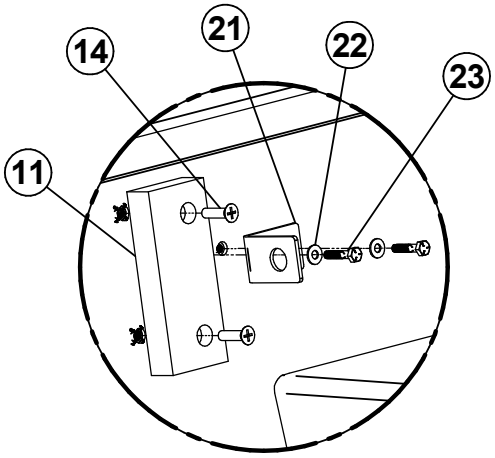
Item	Qty	Description	Part #
1	1	ASSY - BOOSTER AXLE (PLAIN)	98397199
2	1	MOUNT - AIR RELAY VALVE, MIXER W/BOOSTER	30358419
3	1	ASSY - BOOSTER AIR LINE RELAY VALVE	98420193
4	32 FT	HOSE - PNEU, AIR BRAKE 3/8" ID X 3/4" OD	30358417
5	1	FITTING - ELB, 90° 3/4" TUBE X 1/2" NPTM	98417992
6	18 FT	TUBE - PLASTIC, AIR LINE 3/4" OD/0.092 W	98389436
7	6 FT	TUBE - PLASTIC, AIR LINE 3/8" OD/0.062 W	30305009
8	1	HARNESS - CONT, TAIL LIGHT BOOSTER	30389129
9	5	CLAMP - BEAM, HAMMER-ON - 5/16" TO 1/2"	30367385
10	1	WLDT, LATCH BOLT ON	70101071
11	2	BOOSTER PAD 1” OFFSET	70101105
12	4	WASHER, FLAT 5/8”	30302125
13	4	HHCS, 5/8”-11 X 1 3/4”	30358386
14	4	SCREW - FPHMS 5/16”-18 X 1 1/4”	30389783
15	2	FITTING - LUB, GREASE ZERK STR 1/8” NPT	30308466
16	1	CYLINDER - HYD, LATCH BOOSTER AXLE	30389130
17	1	FITTING, HYD, MALE 3/8” NPT TO #6 37°	30389467
18	2	WASHER, FLAT, 3/8”	30302130
19	2	HHCS, 3/8”-16 X 1 1/2”	30348305
20	2	NUT, NYLON LOCK, 3/8”-16	30389195
21	1	BRACKET, PROX SWITCH MOUNT	70100158
22	2	WASHER, FLAT, 1/4”	30303735
23	2	HHCS, 1/4”-20 X 1 1/4”	30358320
24	2	NUT, JAM, 3/8”-16	30391328
25	1	HHCS, 3/8”-16 X 3 1/4”	30315057
26	1	SPRING - BOOSTER LATCH	30389039

98420656

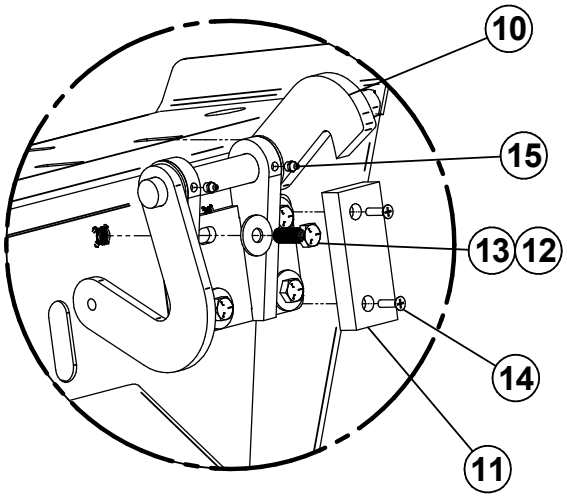




SECTION VIEW INSIDE REAR PEDESTAL



DETAIL: C

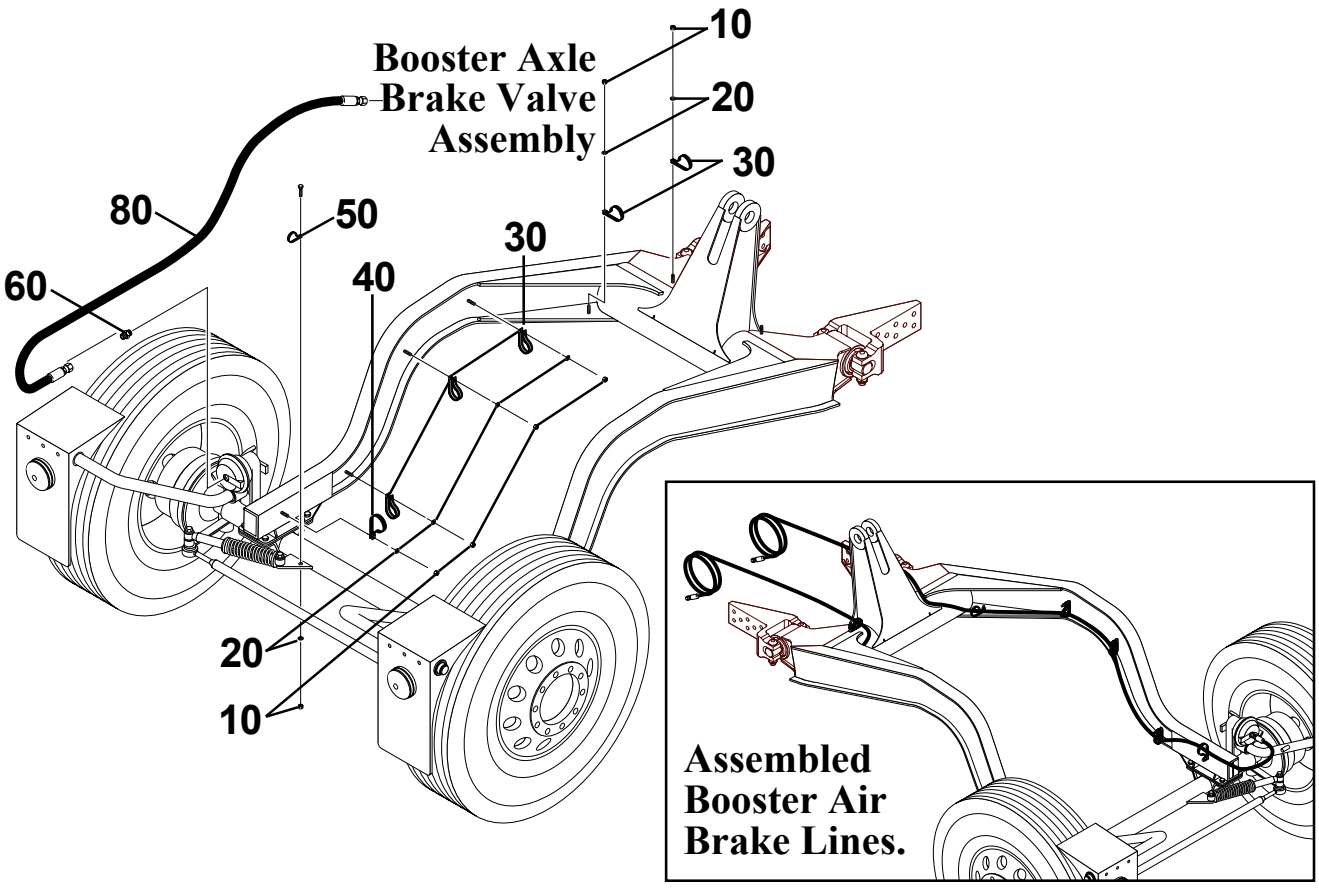


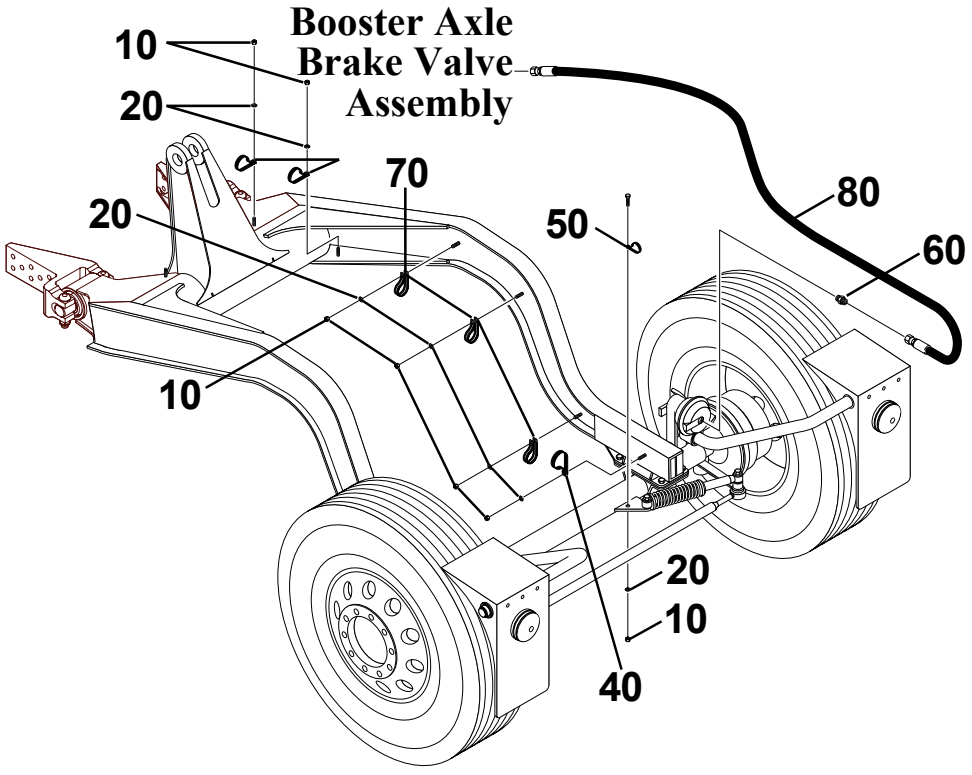
DETAIL: D

98420656 - ASSY BOOSTER AXLE AIR LINE PLAIN (2 of 2)

Item	Qty	Description	Part #

00	27.01.2016


Booster Axle
Brake Valve
Assembly
10
20
30
80
50
30
60
40
20
10
Assembled
Booster Air
Brake Lines.


Booster Axle
Brake Valve
Assembly
10
20
70
80
20
50
60
10
20
10
40

ASSY - BOOSTER AIR BRAKE LINES

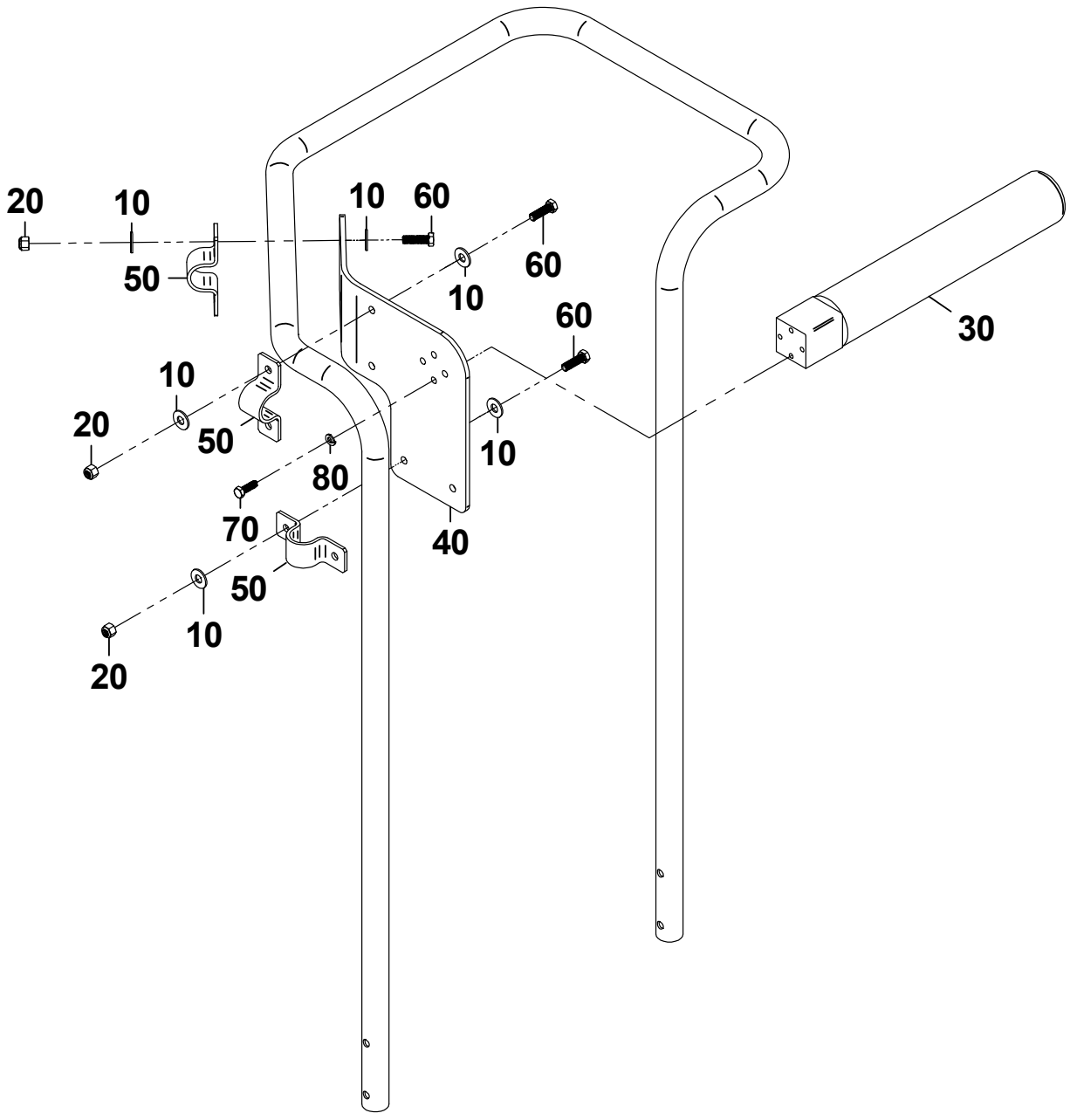
Item	Qty	Description	Part #
10	14	NUT LOCK 1/4”	30334582
20	14	FLAT WASHER 1/4”	30303735
30	5	CLAMP 1”	30359262
40	2	CLAMP 1-1/4”	30389730
50	2	CLAMP 9/16”	30389729
60	2	ADAPTER 3/4”	30359238
70	5	CLAMP 3/4”	30359261
80	2	AIR BRAKE HOSE	30358417

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10.0 Options

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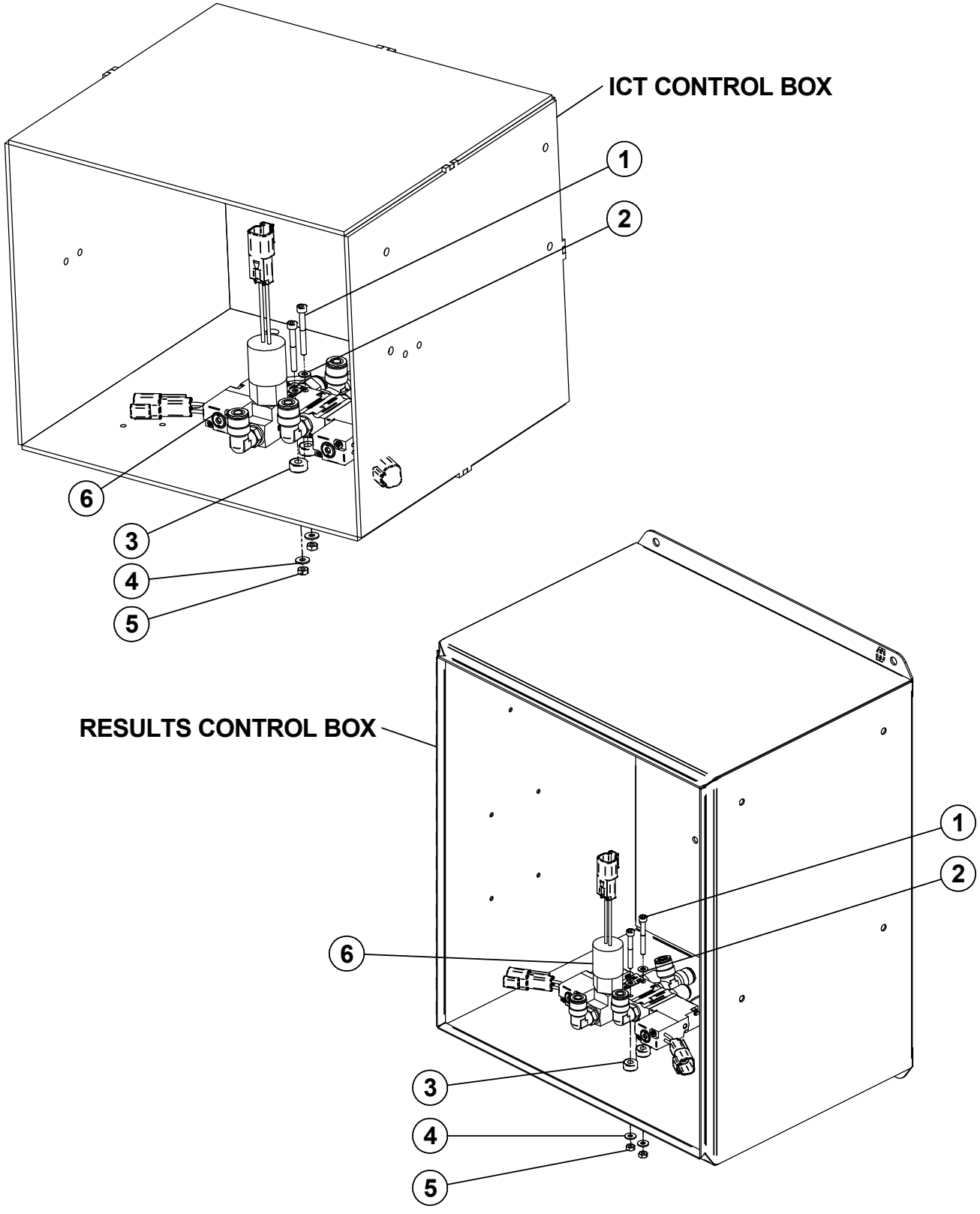
	98400880	
	02	17.05.2017



98400880 - ASSY MANSAVER

Item	Qty	Description	Part #
10	12	WASHER - FLAT, 3/8"	30302130
20	6	NUT - HEX, 3/8-16UNC GR. 5 (NYLOCK) - ZP	98372389
30	1	PARTS - SAFETY BAR, MANSAVER 18"	98400280
40	1	PLATE, MANSAVER	98400878
50	3	HANDRAIL CLAMP	60306805
60	6	SCREW - 3/8"-16 NC X 1 1/4"LG GR.5 HHCS	30302817
70	4	SCREW - HHCS, 5/16-18UNC X 1" - GR 5 -ZP	30373903
80	4	SCREW RETAINER SKM 8-GT320	10129842

98402174

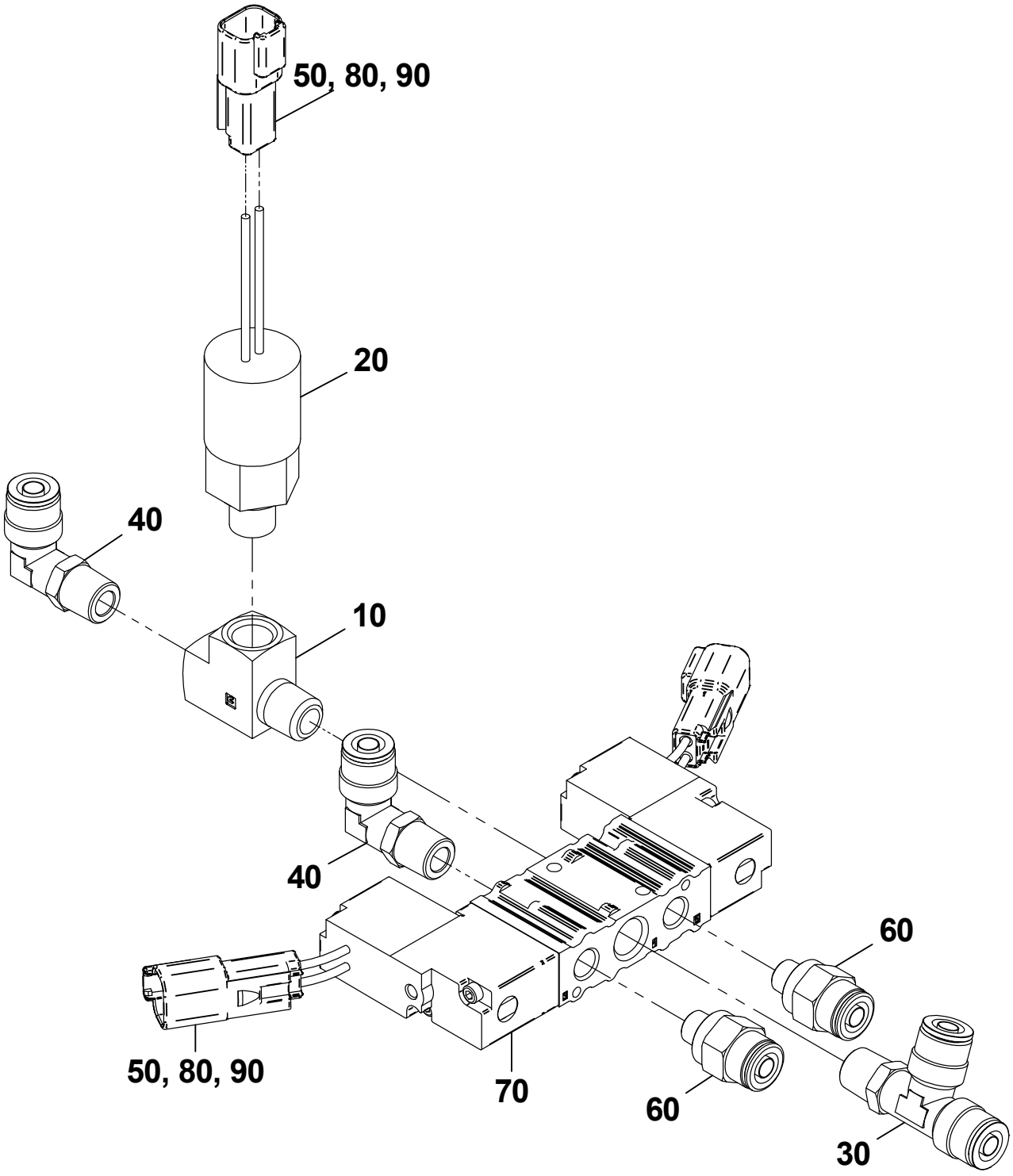


ITEMS #7, #8, AND #9 NOT SHOWN

98402174 - ASSY TILT HOPPER

Item	Qty	Description	Part #
1	2	SHCS, M4X0.7 X 35	10212915
2	2	WASHER, M4	30304534
3	2	BUSHING UNTHREADED SPACER	98404560
4	2	WASHER, M4	10145911
5	2	NUT, NYLOCK M4X0.7	10001233
6	1	VALVE TILT HOPPER	98402002
7	50 FT	TUBE, PLASTIC AIR LINE 3/8” OD	30305009
8	1	CYLINDER - PNEUMATIC	30386206
9	2	FITTING - ELBOW 3/8” TUBE X 1/4” NPT	30351528

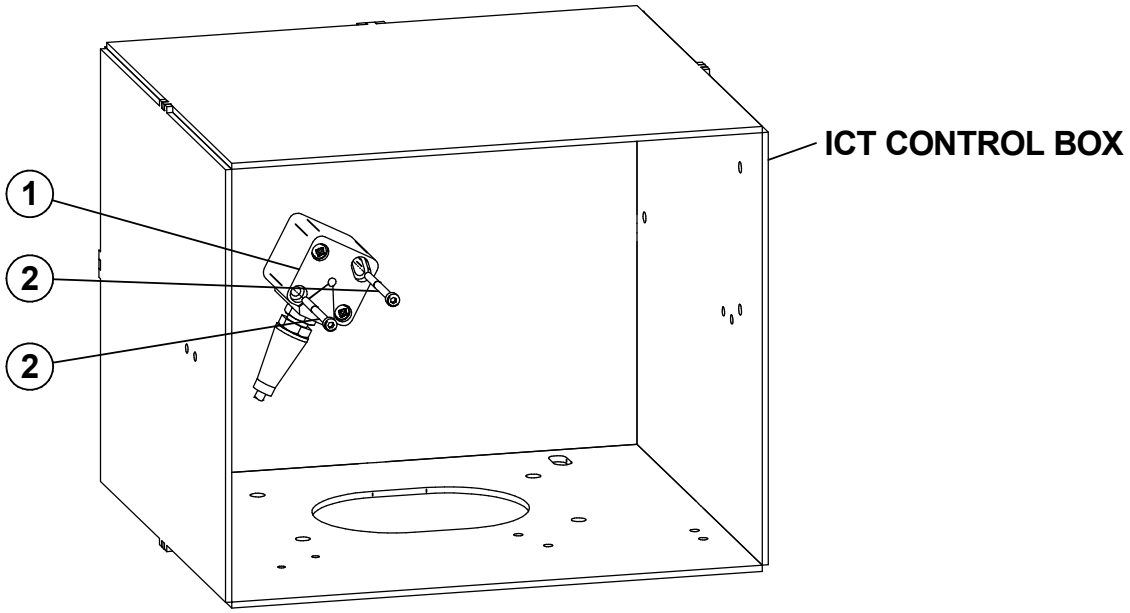
	98402002	
	02	30.12.2015

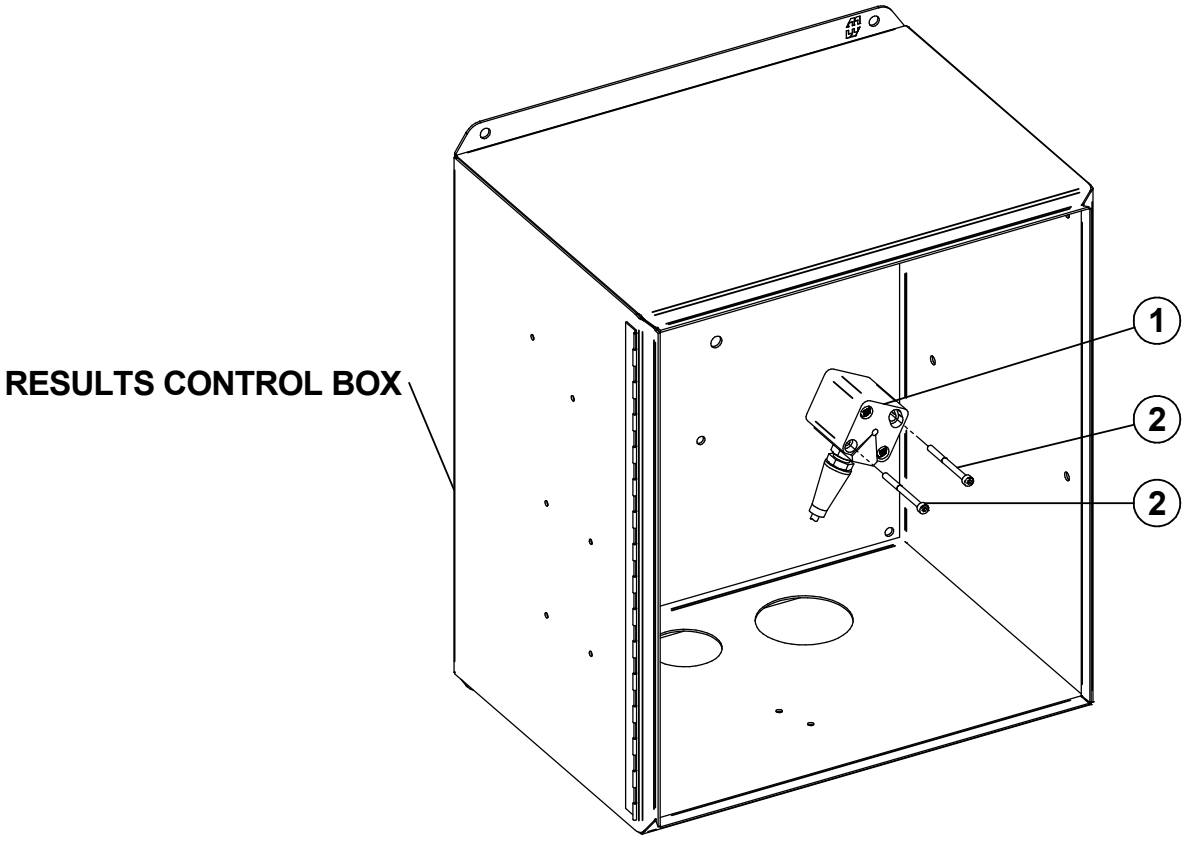


98402002 - VALVE TILT HOPPER

Item	Qty	Description	Part #
0010	1	FITTING - WATER, TEE 1/4" NPT BRASS	30357578
0020	1	OPERATOR - SWITCH AIR NO MIXER HOPPER	98336172
0030	1	FITTING - 3/8" THREADED TEE AIR DOT	98336176
0040	2	FITTING - 3/8" 90° SWIVEL AIR DOT	98336171
0050	3	CONNECTOR - 2-PIN MALE DEUTSCH 16-18	98349338
0060	2	FITTING - 3/8" STRAIGHT AIR DOT	98336177
0070	1	MAC VALVE - SOLENOID 1/4" NPTF 12VDC	98402007
0080	3	HARN - CONNECTOR, DEUTSCH, DT, WEDGE 2	30100264
0090	6	HARN - CONNECTOR, SOCKET 16-18AWG	30337546

98401172

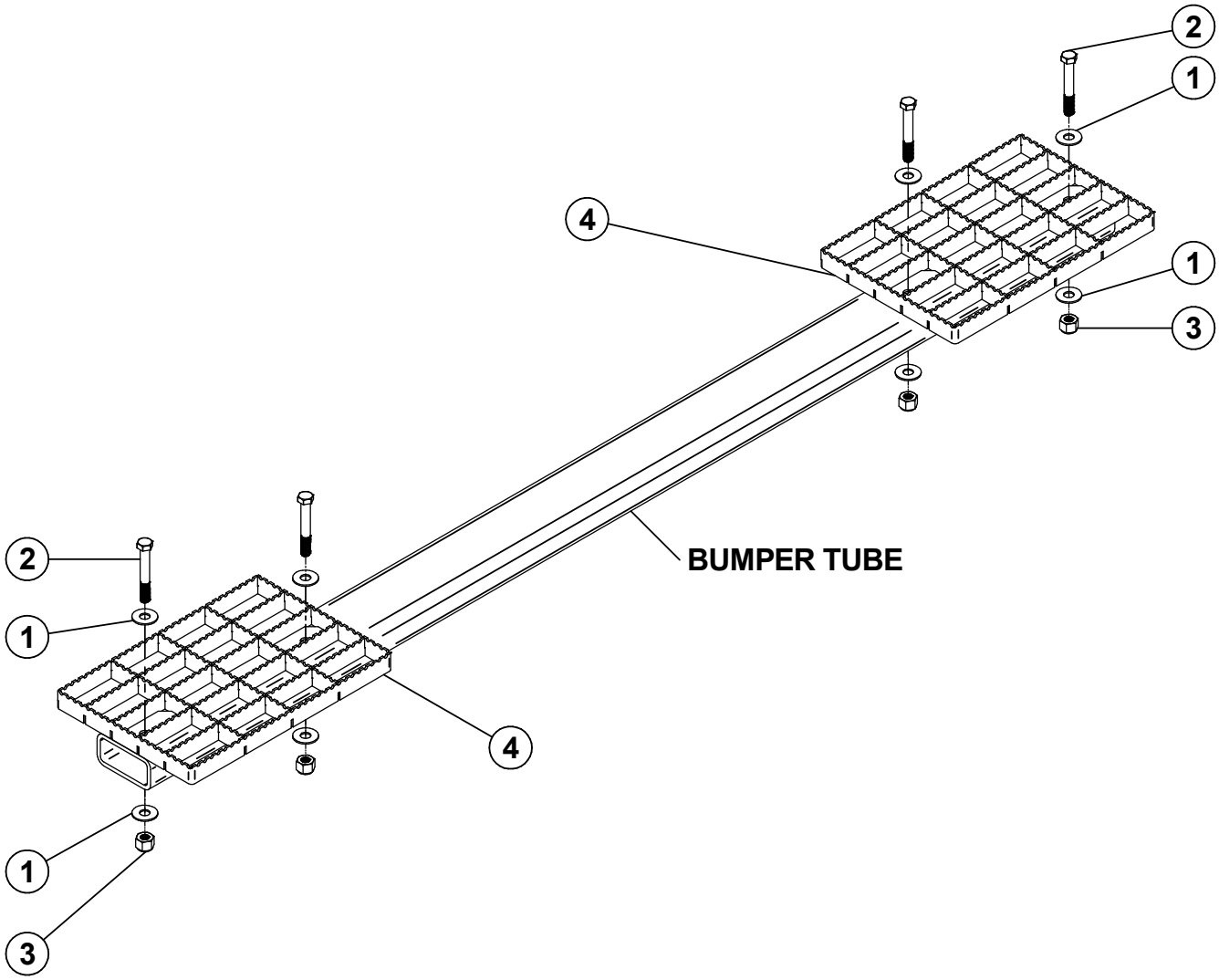




98401172 - ASSY INCLINE OPTION

Item	Qty	Description	Part #
1	1	INCLINATION SENSOR	98396118
2	2	SHCS, M4X0.7 X 50	10068599

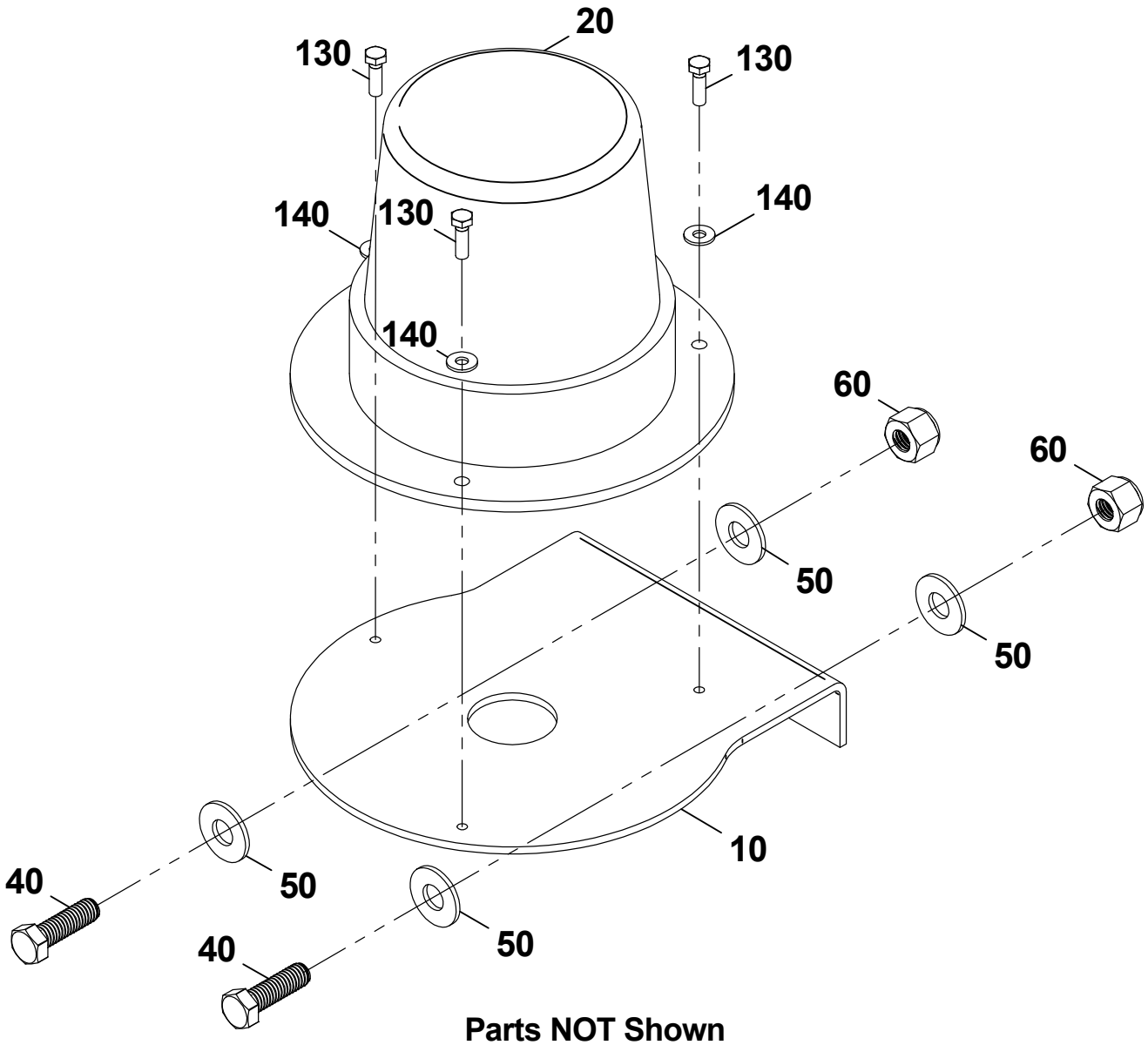
70102440



70102440 - ASSY BOLT ON STEP

Item	Qty	Description	Part #
1	8	WASHER, 9/16”	30302126
2	4	HHCS, 1/2”-13 X 3 1/2”	30309696
3	4	NUT, NYLOCK 1/2”-13	30307220
4	2	WLDT - BOLT ON STEP	70102426

	98384517	
	01	26.11.2014

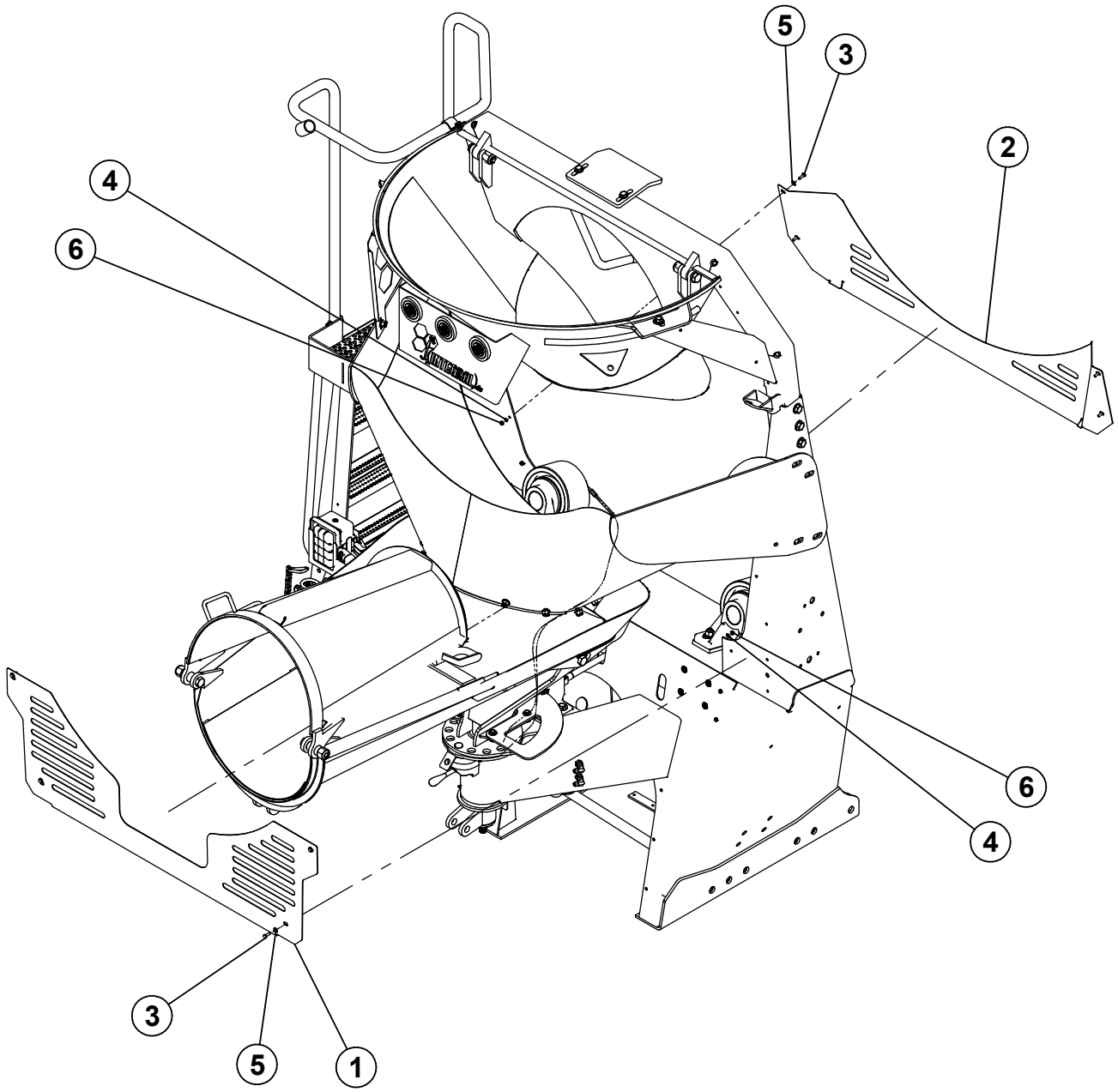


Parts NOT Shown
30363922 (1) Harn. Light Strobe (Q3G06)
30342976 (2) Conn. Assy 2 Female Pins
30342971 (2) Cable Seal
30342977 (2) Harn. Conn. Assy 2 Male Pins
30356937 (1) R Switch On/Off W/Green Lens
30342975 (4) Terminal Female 14-16 AWG
30347231 (4) Harn.Cable Seal Grey

98384517 - STROBE LED LIGHT AMBER SINGLE

Item	Qty	Description	Part #
0010	1	PLT - BRKT, 10 GA HRS LIGHT BRACKET	30360254
0020	1	LIGHTING - STROBE, LED, AMBER	98389073
0030	1	HARNESS - LIGHT, STROBE, (Q3G06)	30363922
0040	2	SCREW - 3/8"-16 NC X 1 1/4"LG GR.5 HHCS	30302817
0050	4	WASHER - FLAT, 3/8" LOW CARBON USS - Z.P	30302130
0060	2	NUT - HEX, 3/8-16UNC GR. 8 (NYLOCK) - ZP	30389195
0070	2	CONNECTOR ASSY 2 FEMALE PINS	30342976
0080	2	PARTS - CABLE SEAL	30342971
0090	2	HARN - CONNECTOR ASSY, 2-MALE-PIN	30342977
0100	1	OPER - ROCKER SWITCH ON/OFF W/GREEN LENS	30356937
0110	4	CONT - TERMINAL, FEMALE 14-16 AWG	30342975
0120	4	HARN - CABLE SEAL GREY	30347231
0130	3	SCREW DIN 933 M 5 X 16-8.8-A2C	10001740
0140	3	SCREW RETAINER SKM 5-GT320	10145912

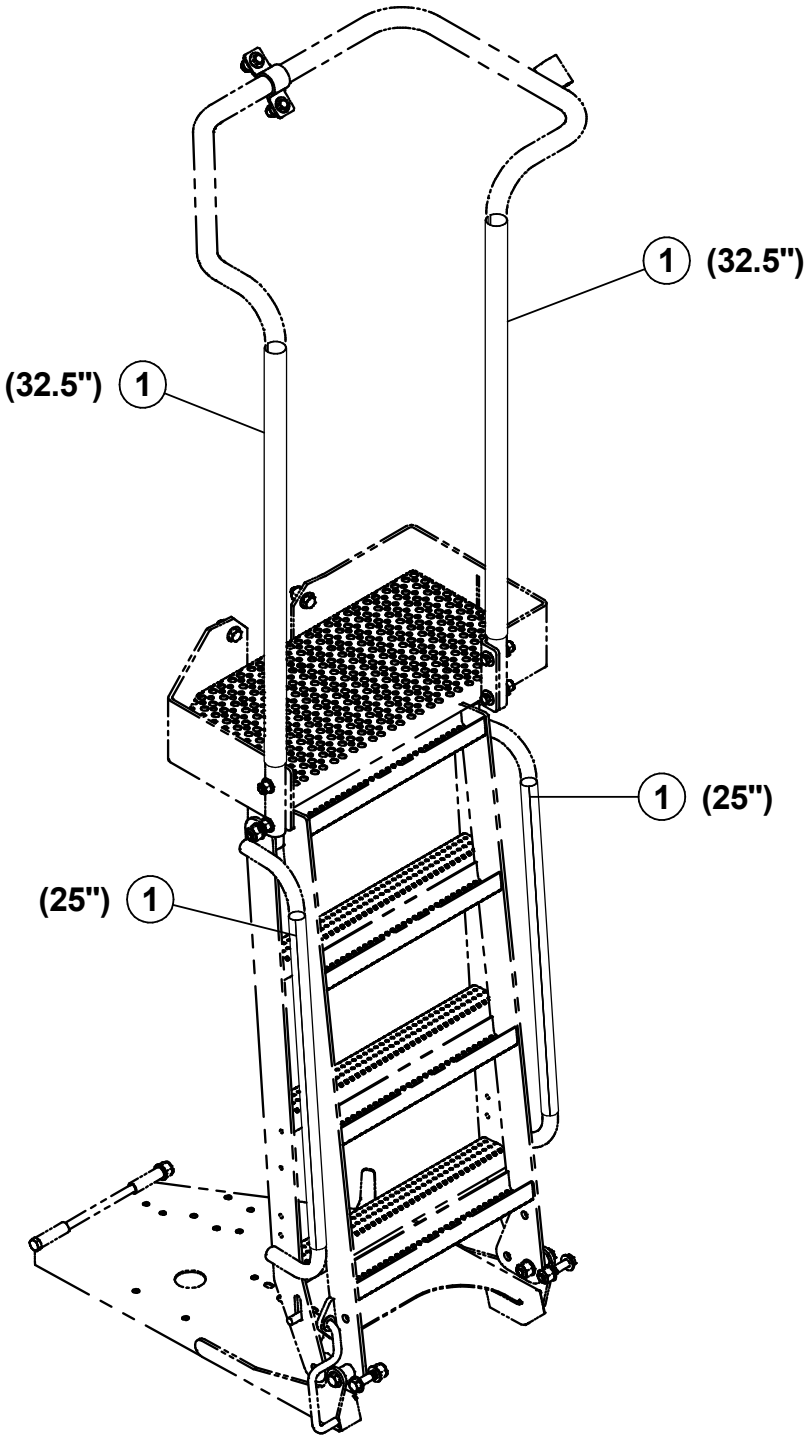
98387960



98387960 - ASSY - ROLLER GUARD FRONT, REAR

Item	Qty	Description	Part #
1	1	SHEET - REAR ROLLER GUARD	98387889
2	1	SHEET - FRONT ROLLER GUARD	98387888
3	8	SCREW - 1/4"-20 NC X 3/4" LG GR.5 HHCS	30302133
4	8	WASHER - LOCKING, 1/4"	30302123
5	8	WASHER - FLAT, 1/4"	30303735
6	8	NUT - HEX, 1/4-20 NC	30302122

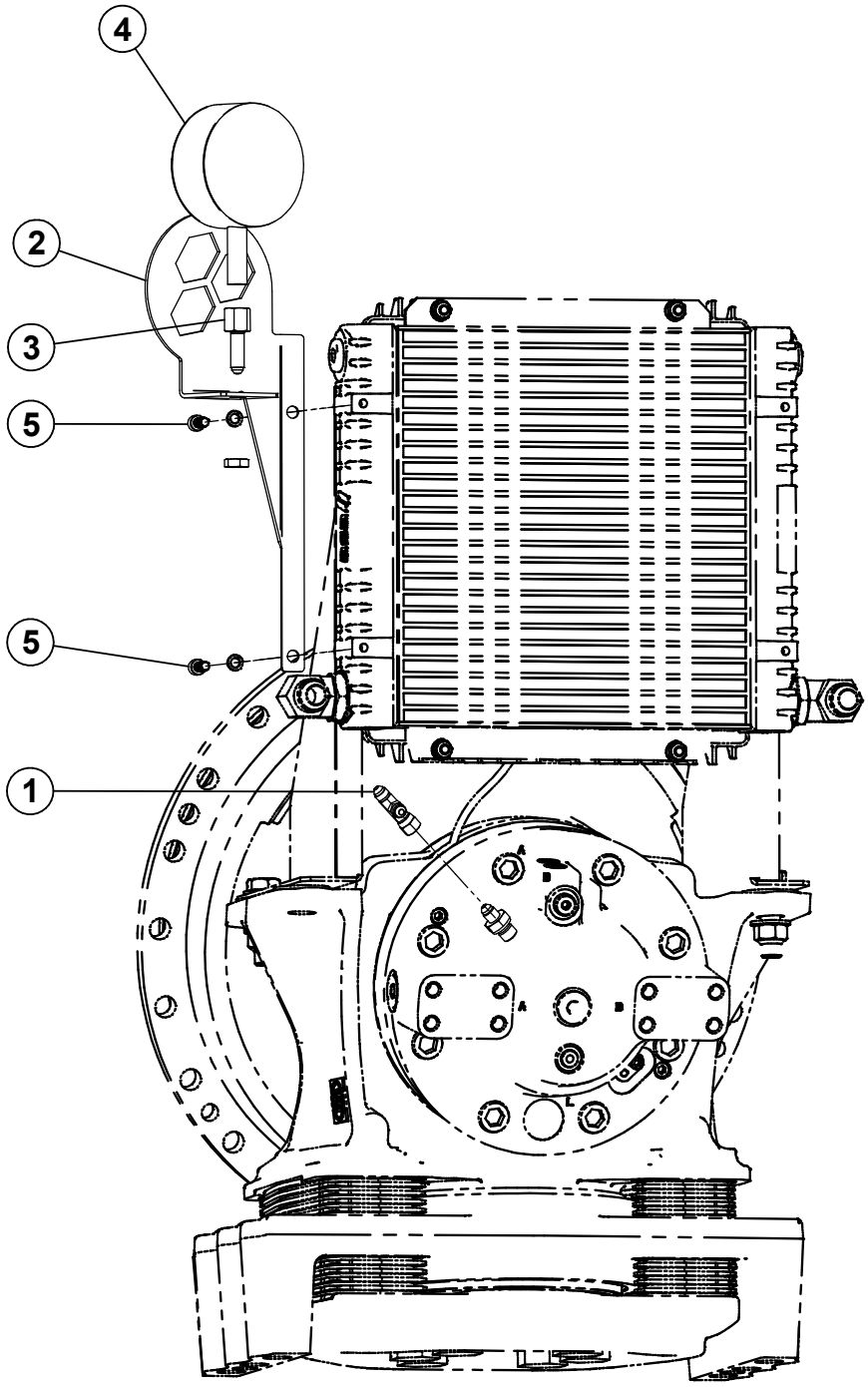
98403935



98403935 - Assy HANDRAIL ANTI SLIP TAPE

Item	Qty	Description	Part #
1	9.58 FT	ADHESIVE ANTISLIP TAPE 4” WIDE	98403935

98409394

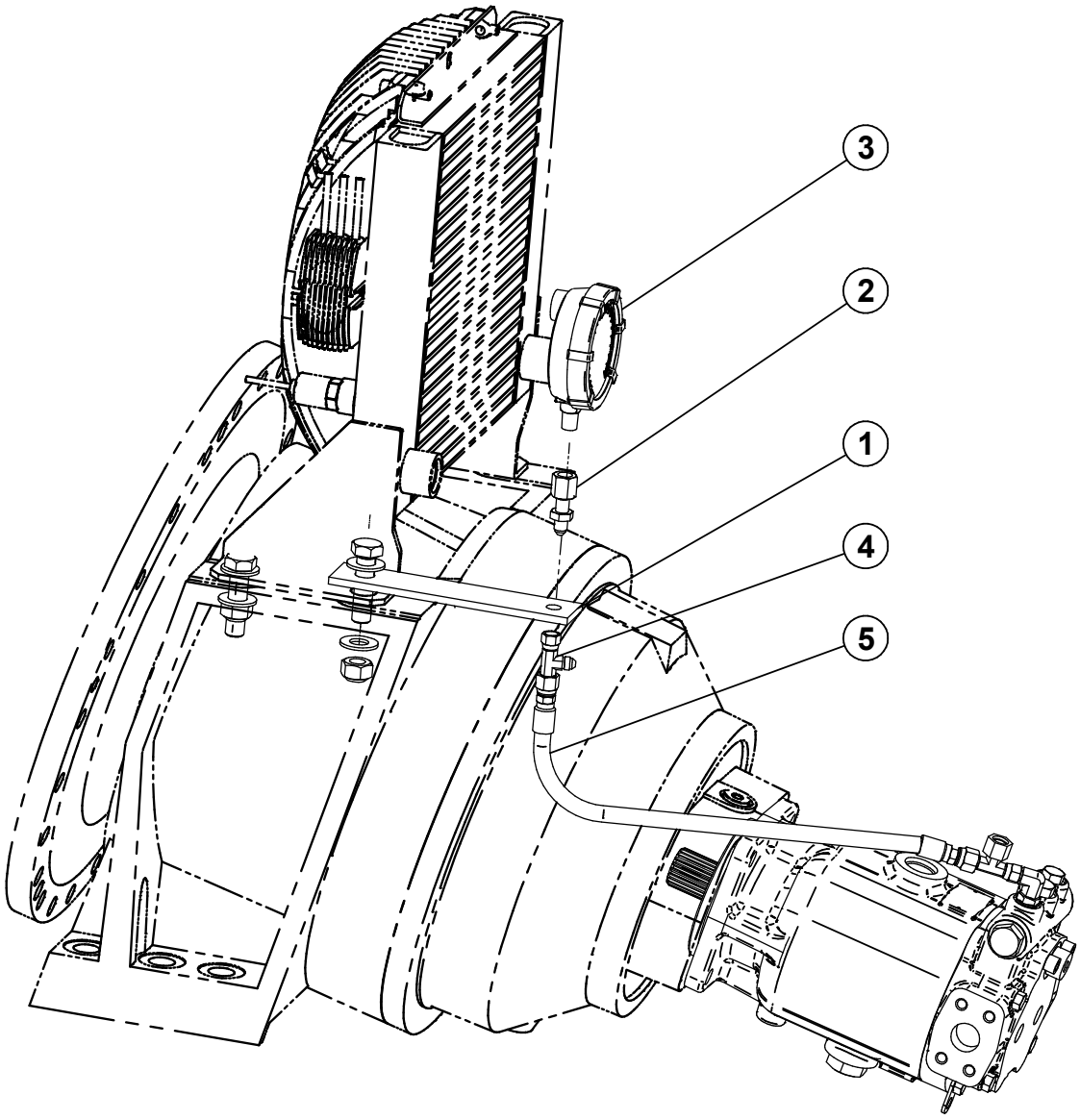


ITEM #6 NOT SHOWN

98409394 - ASSY FRONT SLUMP METER

Item	Qty	Description	Part #
1	1	FITTING - HYD, SWIVEL NUT RUN TEE #4 JIC	30389212
2	1	PLT - SLUMP GAGE BRACKET	70101884
3	1	FITTING - HYD, FEMALE BULKHEAD 1/4" NPT	30389275
4	1	GAUGE - HYD, PRESSURE 0-5000PSI 1/4" NPT	30389146
5	2	SCREW - M8X1.25 - 20	70102168
6	1	HOSE - HYD SAE 4/4 X 22" - 5850 PSI	98344386

98419032

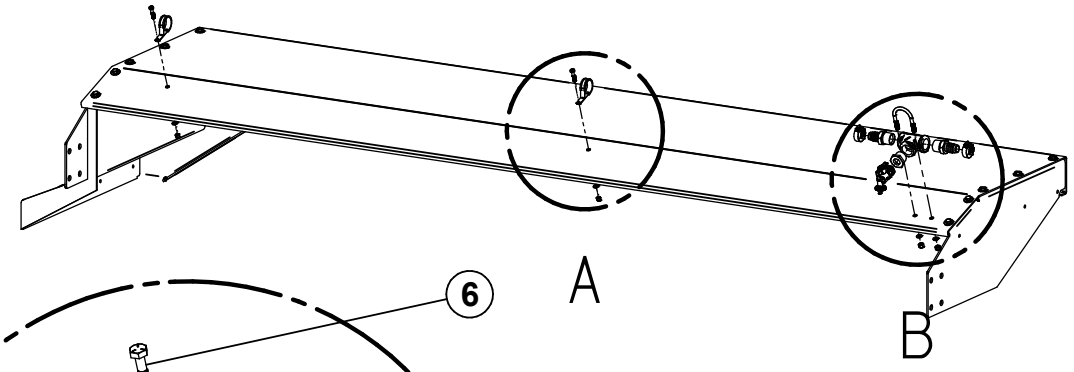


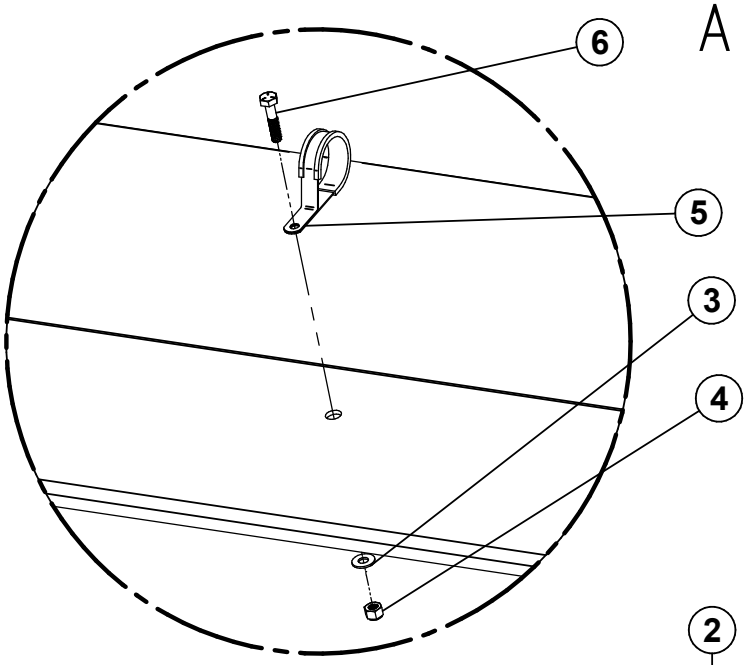
ITEMS 6-10 NOT SHOWN

98419032 - ASSY, FRONT LIGHTED SLUMP METER

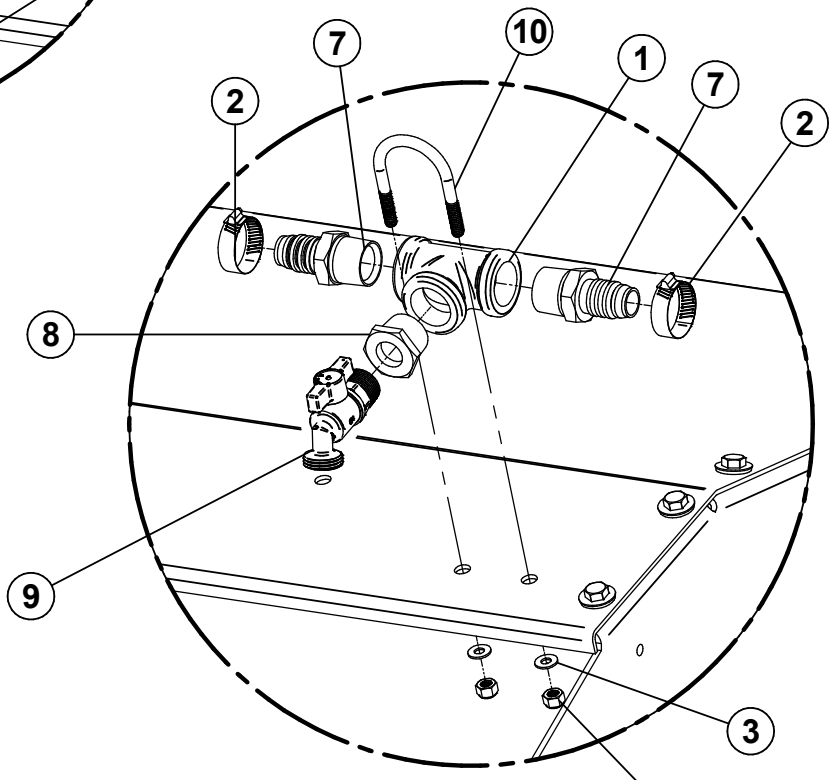
Item	Qty	Description	Part #
1	1	PLT - SLUMP GAGE BRACKET	30386244
2	1	ASSY, FITTING, FEMALE BULKHEAD	30389275
3	1	GAUGE, SLUMP LIGHTED 5000 PSI	98415152
4	1	FITTING - HYD TEE #4 FLARE SWIVEL NUT RUN	30389212
5	1	HOSE, HYD SAE 4/4 X 22” 5850 PSI	98344386
6	1	HARNESS, MIXER, REAR WORK LIGHT	98399494
7	1	CONNECTOR 2 PIN MALE	98349338
8	1	CONN - 2 PIN PLUG LOCKING WEDGE	30337526
9	2	CONNECTOR DT SERIES 16-20 GA	30337545
10	1	JUMPER HARNESS	70101684

30411096





DETAIL: A

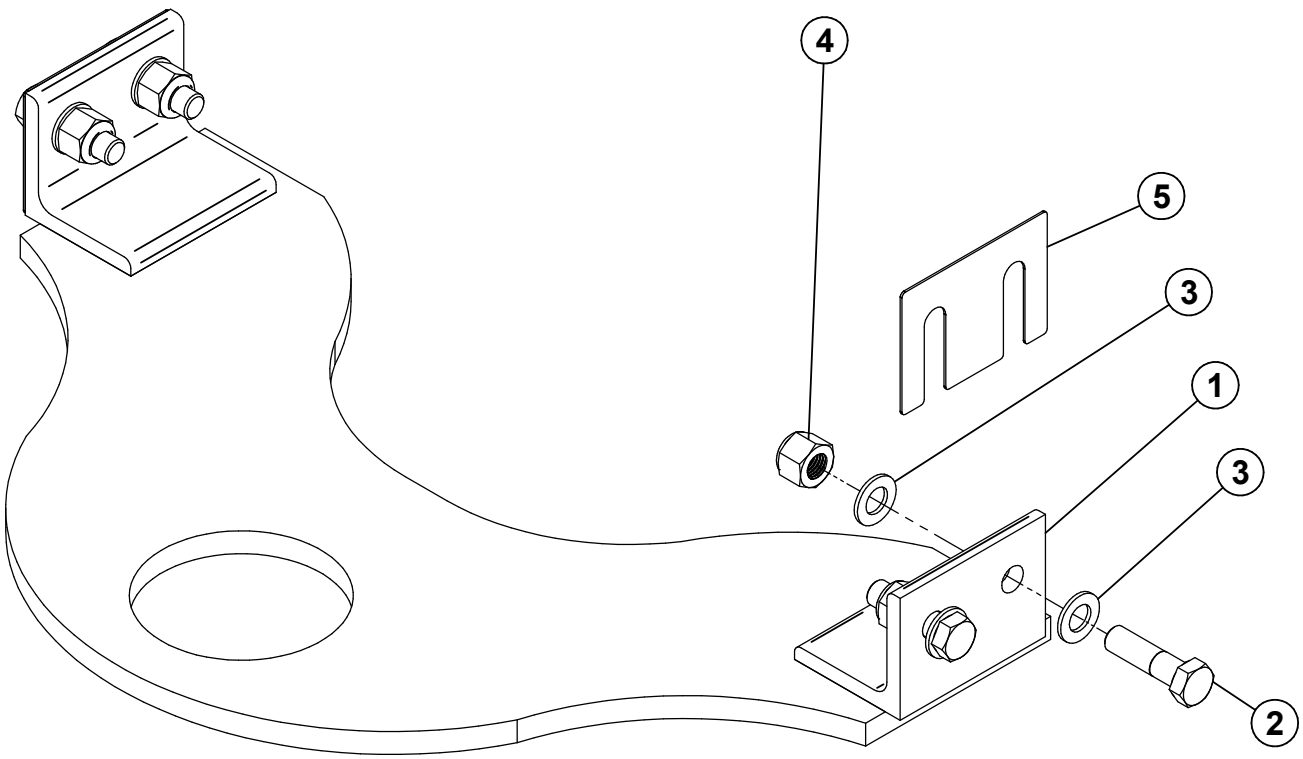


DETAIL: B

30411096 - ASSY, COLD WEATHER DRAIN

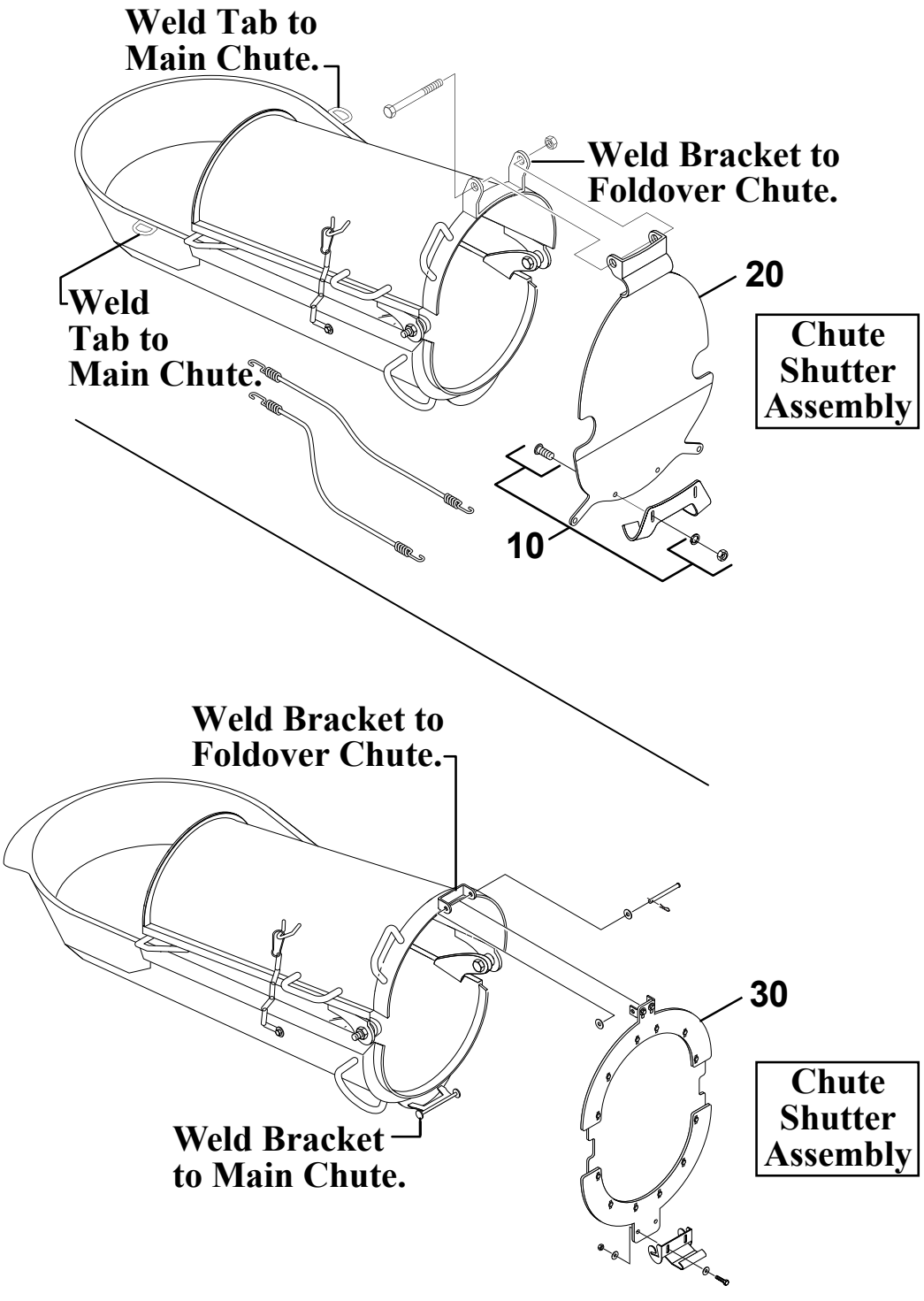
Item	Qty	Description	Part #
1	1	1” GALV. WATER TEE	30330858
2	2	1”X1” WATER BARB	30389225
3	4	WASHER 1/4”	30303735
4	2	1/4” NYLOCK	30334582
5	2	1” STRAP 1.5” O.D.	30389305
6	2	HHCS, 1/4”-20 X 1.25”	30358320
7	2	HOSE CLAMP 13/16”X1-3/4”	30303225
8	1	BUSHING 1”X3/4”	30310678
9	1	FAUCET GARDEN HOSE 3/4”	98340895
10	1	U-BOLT, 1-3/4” OD WITH 5/16” THREAD	30389308
11	2	NUT - 5/16” NYLOCK	30390383

TOW HOOK



TOW HOOK MOUNTING

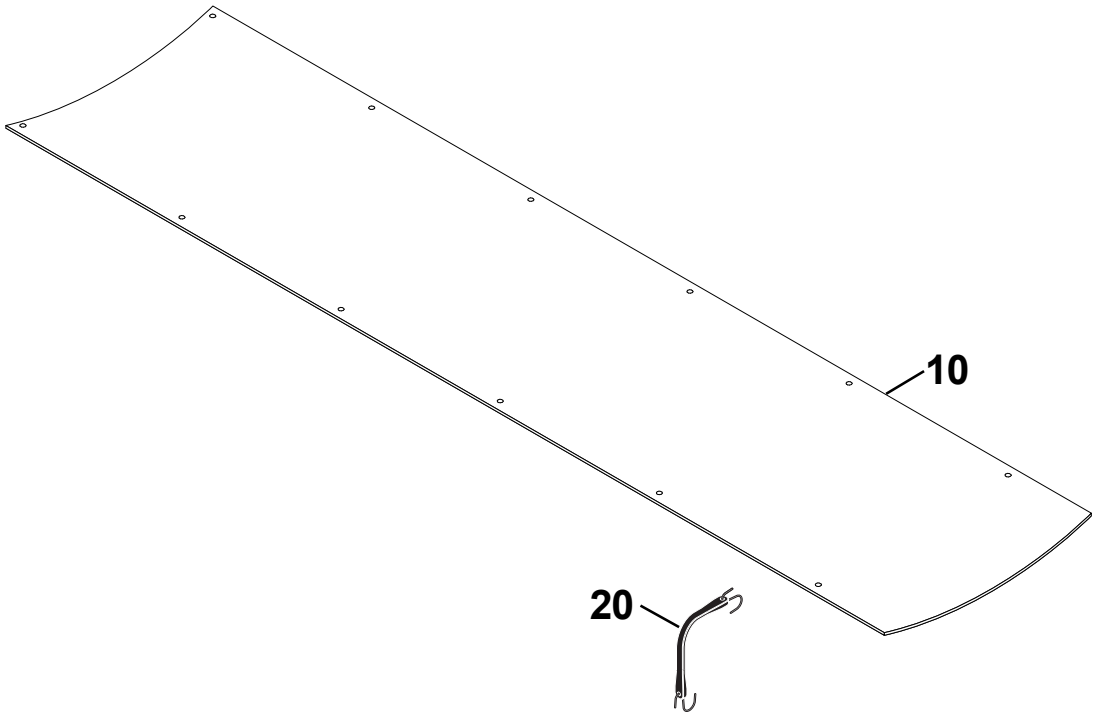
Item	Qty	Description	Part #
1	1	WLDT, TOW HOOK, 33.12”	70100527
2	4	HHCS 3/4” X 2-3/4”	98394640
3	8	WASHER FLAT 3/4”	30304213
4	4	LOCK NUT 3/4”-10	30304739
5	AS NEED	PLATE - TOW HOOK SHIM (.065”)	70101114
	AS NEED	PLATE - TOW HOOK SHIM (.25”)	70101115
	AS NEED	PLATE - TOW HOOK SHIM (.188”)	70101582


Weld Tab to Main Chute.
Weld Bracket to Foldover Chute.
20
Weld Tab to Main Chute.
Chute Shutter Assembly
10
Weld Bracket to Foldover Chute.
30
Chute Shutter Assembly
Weld Bracket to Main Chute.

CHUTE & STREET GUARD SHUTTER

Item	Qty	Description	Part #
10	1	CHUTE SHUTTER ASSY LOCK	30389381
20	1	CHUTE SHUTTER ASSY.	30389352
30	1	STREET GUARD SHUTTER	30386564

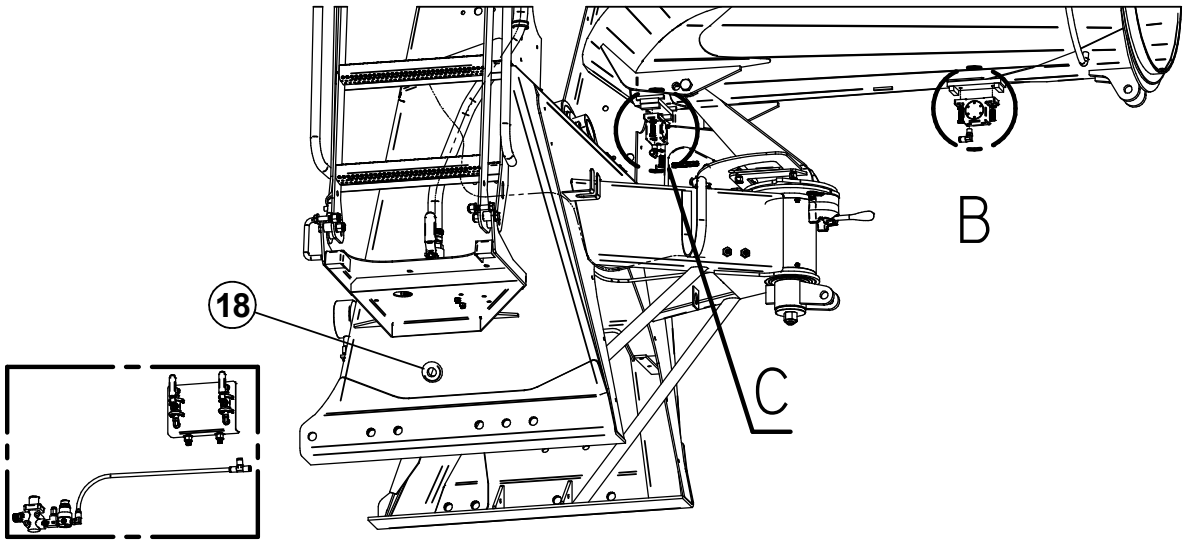
	98407564	
	00	10.03.2016

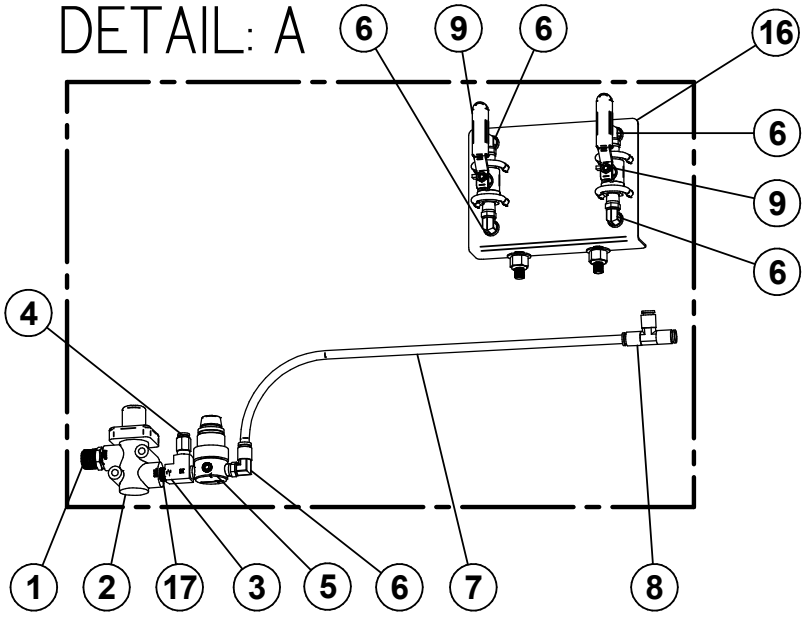


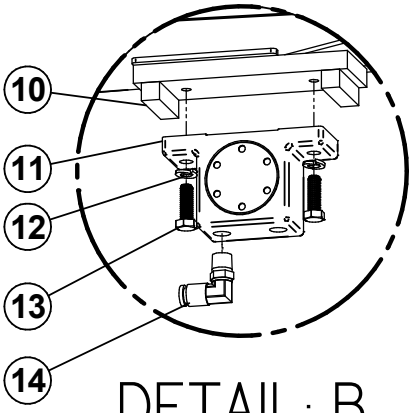
98407564 - CANVAS DRUM GUARD

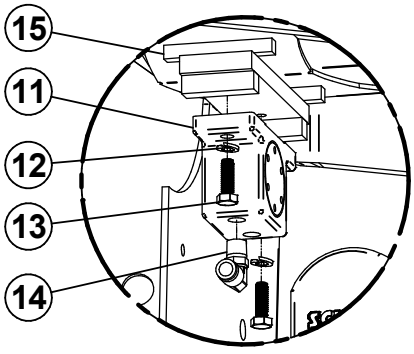
Item	Qty	Description	Part #
10	1	GUARD - DRIVE LINE (168”)	30386232
	1	GUARD - DRIVE LINE (95”)	98407561
20	AS NEED	CHUTE STRAP 10”	30389181

70101621


18
A
B
C


DETAIL: A
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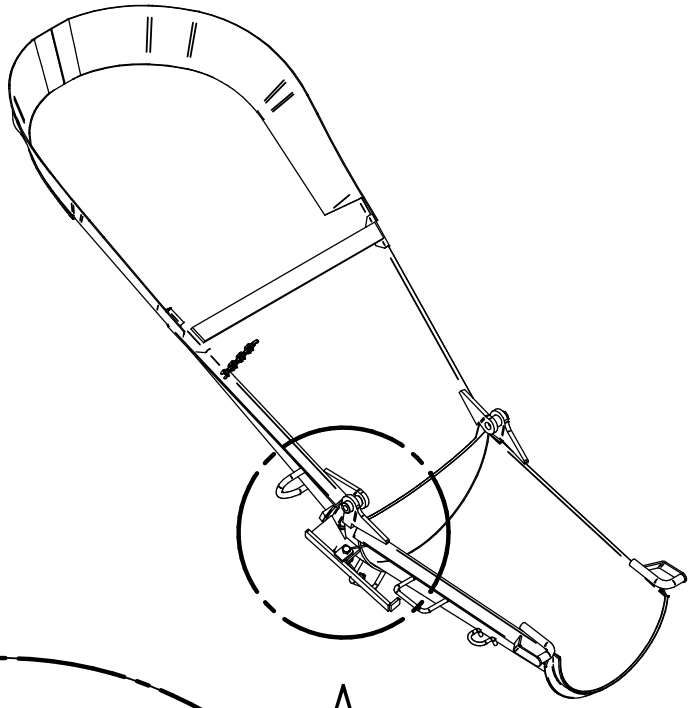

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DETAIL: B


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DETAIL: C

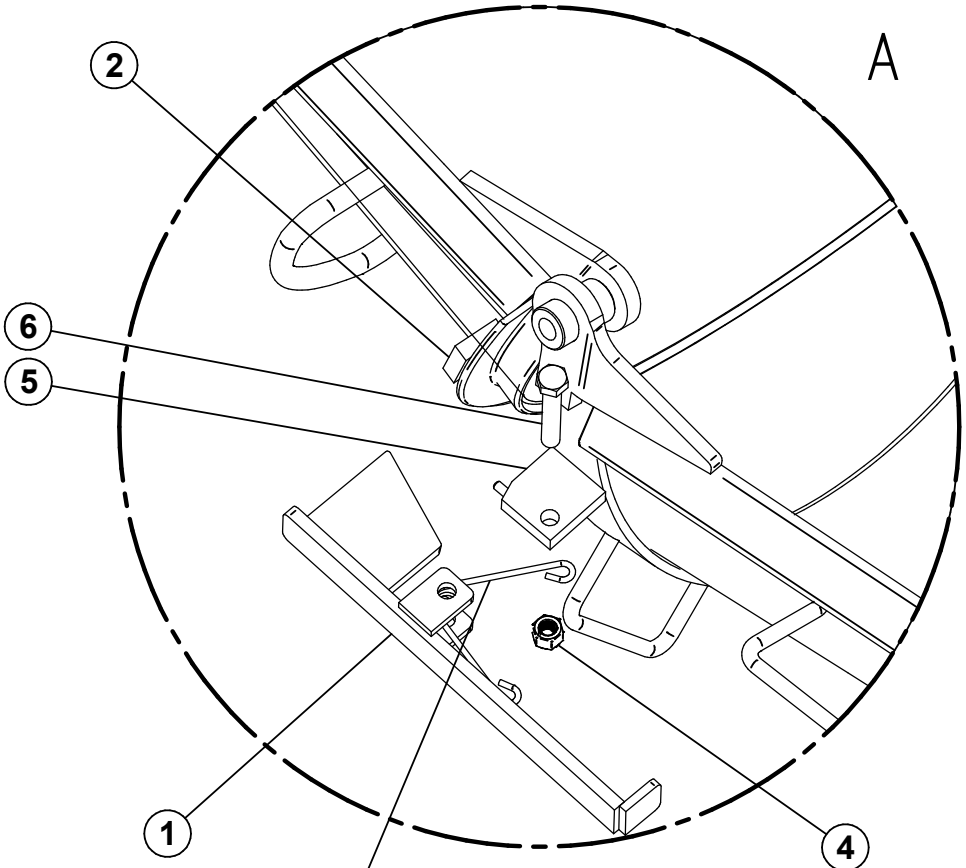
70101621 - ASSY DUAL CHUTE VIBRATOR

Item	Qty	Description	Part #
1	1	FITTING - REDUCER HEX NIPPLE 1/2” NPT X 1/4” NPT	30339771
2	1	VALVE, PRESSURE PROTECTION	30339774
3	1	FITTING - WATER, TEE 1/4" NPT BRASS	30357578
4	1	FITTING - PNEU, 1/4" NPT X 3/8" TUBE	30348490
5	1	REGULATOR , 1/4" PIPE, 5-60 PSI	98407873
6	5	FITTING PNEUM MALE ELBOW SWIVEL 90° 3/8	30351528
7	1	TUBE - PLASTIC AIR LINE 3/8" (Q8)	30305009
8	1	FITTING - UNION TEE, 3/8” TUBE	30348486
9	2	VALVE - BALL 1/4" FNPT 125 PSI BRASS 1/4	30386890
10	1	WMT - CHUTE VIBRATOR MOUNT	70101618
11	2	CHUTE VIBRATOR	70101611
12	4	5/16” SPLIT LOCK WASHER	30373859
13	4	HHCS, 5/16”-18 X 1”	30373903
14	2	FITTING - HYD. ELBOW 3/8” X 1/4” NPT	70101622
15	1	WMT - BACK CHUTE VIBRATOR MOUNT	70101614
16	1	ASSY - BALL VALVE	70100884
17	1	NIPPLE BRASS PIPE 1/4" M NPT X CLOSE	98389394
18	1	GROMMET, 1 7/8” OD X 3/16” X 1” ID	70100494

98422036



A

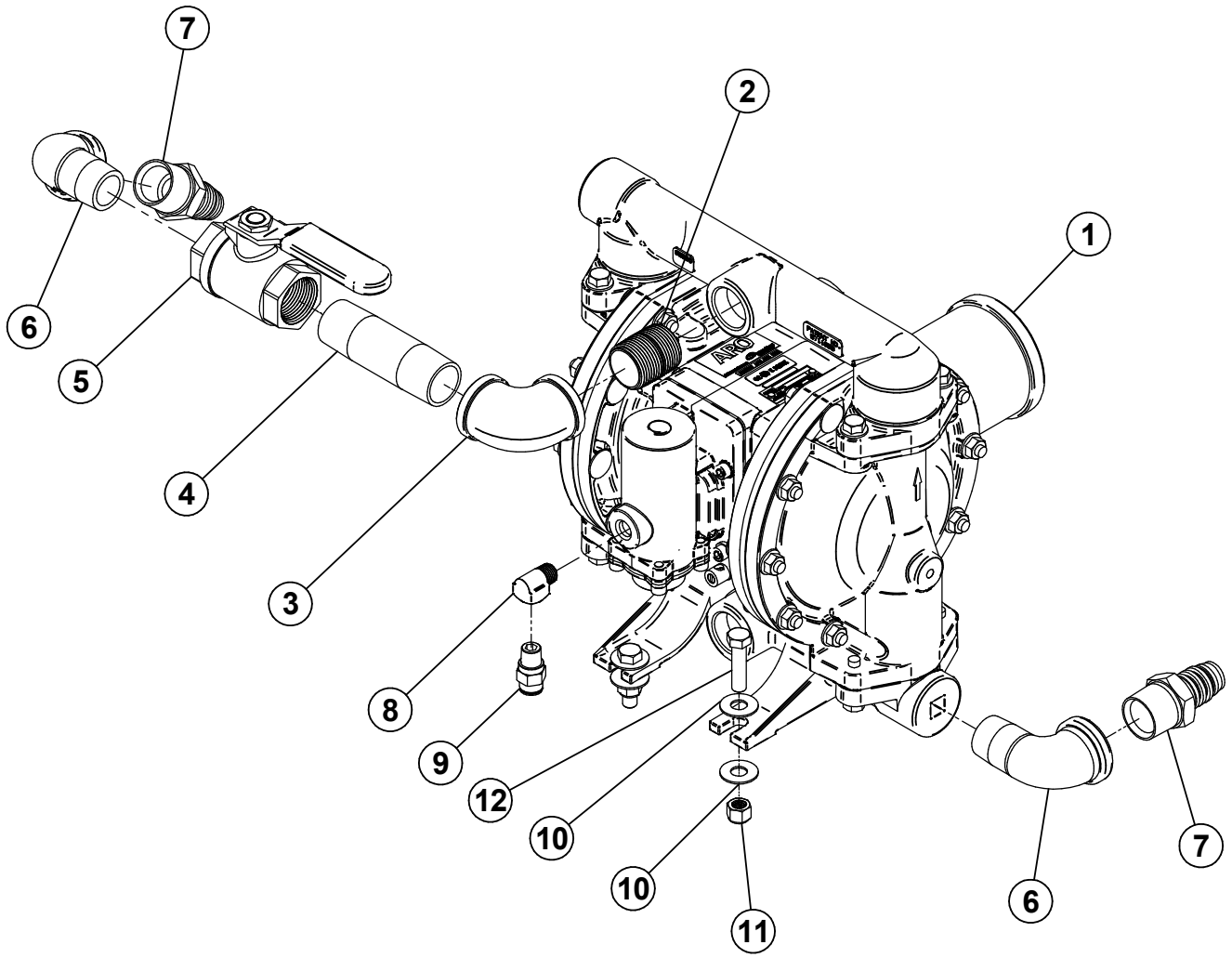


DETAIL: A

98422036 - ASSY CHUTE SAFETY STOP

Item	Qty	Description	Part #
1	1	WMT - CHUTE SAFETY STOP	98421965
2	1	PLATE - CHUTE REINFORCEMENT	98421955
3	1	SPRING - TORSION, DISCHARGE CHUTE	98421907
4	1	NUT - HEX, 1/2”-13, NYLOCK	30391247
5	1	WMT - CHUTE SAFETY PIVOT	98421958
6	1	HHCS, 1/2”-13 X 3”, ZP	70100652

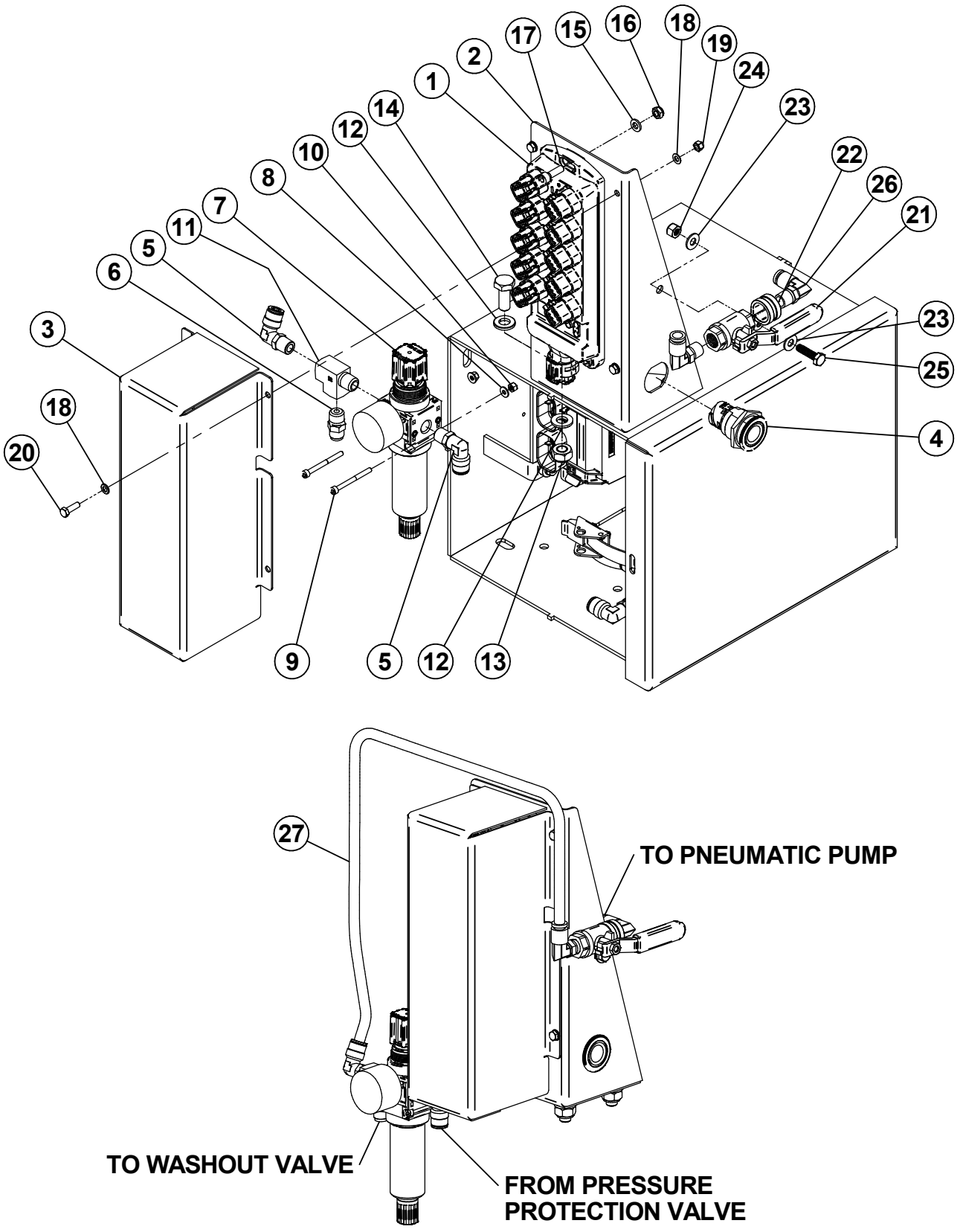
70102427



70102427 - ASSY DIAPHRAGM PUMP

Item	Qty	Description	Part #
1	1	PUMP - DIAPHRAGM, PNEUMATIC	70102331
2	1	FITTING - WATER, NIPPLE CLOSE 1” GALV	30315394
3	2	FITTING - ELBOW 1” PIPE GALV	98423397
4	1	FITTING -PIPE NIPPLE,1”NPTX4”,SCH 40,GAL	98369220
5	1	VALVE - WATER, BALL 1” BRASS 600PSI WOG	30315395
6	2	FITTING - HYD, ELBOW STREET 1”	30314474
7	2	FITTING - WATER, 1” NPT X 1” HOSE BARB	30389225
8	1	FITTING - ELBOW, 90º STREET, 1/4” NPT	30347007
9	1	FITTING - STR, 3/8” TUBE X 1/4” NPTM -BR	98336178
10	8	WASHER - FLAT, 3/8”	30302130
11	4	NUT, NYLOCK 3/8”-16	98372389
12	4	SCREW - 3/8”-16 NC X 1 1/2”LG GR.5 HHCS	70100509

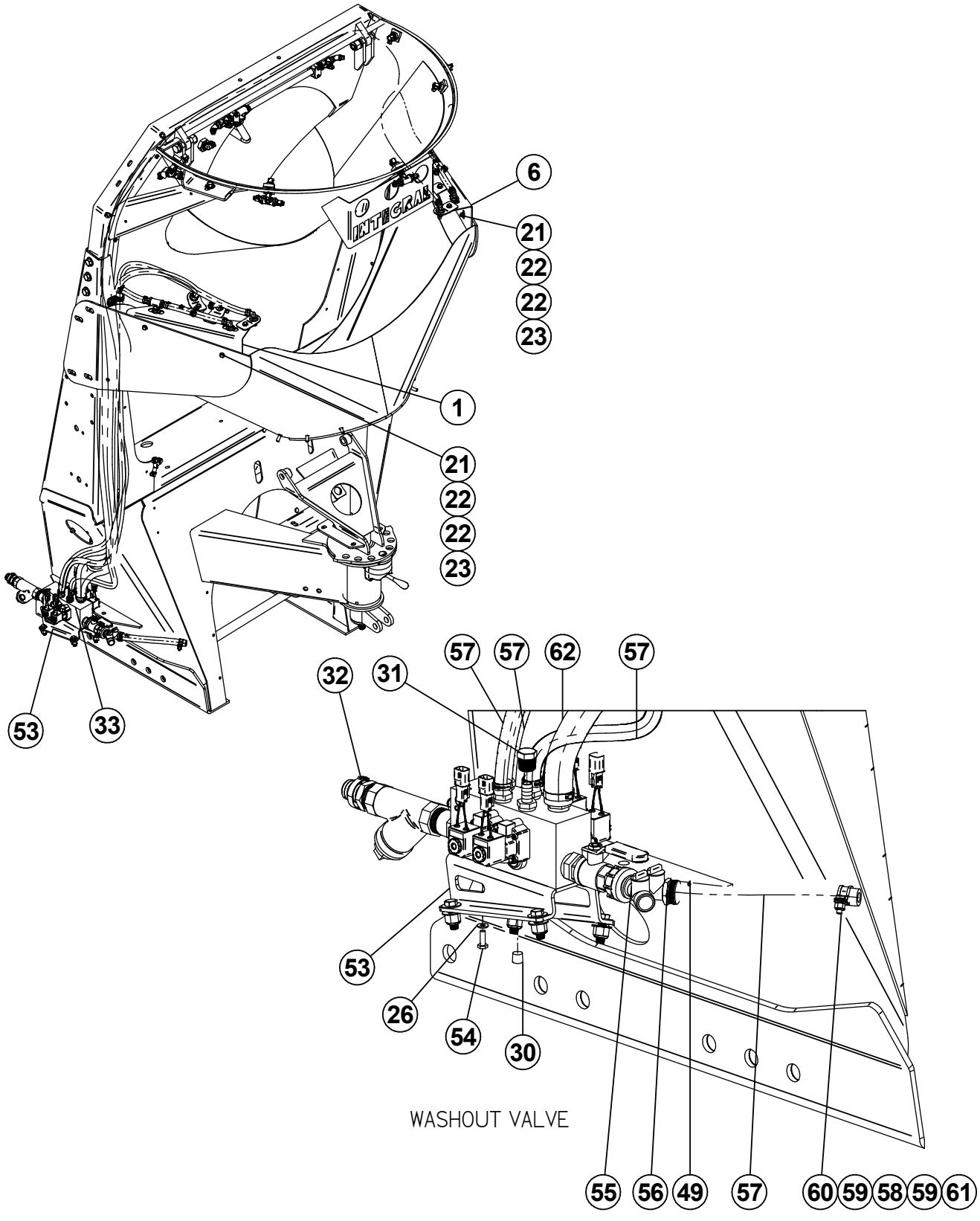
98443397


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TO PNEUMATIC PUMP
TO WASHOUT VALVE
FROM PRESSURE
PROTECTION VALVE

98443397 - ASSY WASHOUT FRONT PEDESTAL ICT

Item	Qty	Description	Part #
1	1	PLC/IO MODULE 8IN/8OUT W/DEUTSCH	98419492
2	1	BRACKET-EXPANSION MODULE	98434462
3	1	COVER-EXPANSION MODULE	98432626
4	1	PUSHBUTTON BLACK	98423088
5	2	FITTING - ELBOW 3/8” SWIVEL DOT	98336171
6	1	FITTING - STR 1/4” TUBE X 1/4” NPT	98389428
7	1	REGULATOR - PNEUMATIC, 0-160 PSI, 1/4” NPT	30359402
8	2	WASHER, M4	10145911
9	2	SHCS, M4X0.7 X 45	10001550
10	2	NUT, NYLOCK M4X0.7	10069699
11	1	FITTING - STREET TEE 1/4” NPT	30357578
12	6	WASHER, M10	10011143
13	3	NUT, NYLOCK M10X1.5	10001283
14	3	HHCS, M10X1.5 X 25	10001859
15	3	WASHER, M6	10011106
16	3	NUT, NYLOCK M6X1.0	10011985
17	3	SHCS, M6X1.0 X 20	10001575
18	8	WASHER, M5	98432854
19	4	NUT, NYLOCK M5X0.8	10069700
20	4	HHCS, M5X0.8 X 16	10001740
21	1	VALVE - BALL 1/4” FNPT 125 PSI	30386890
22	1	CLAMP, 3/4” FULL CUSHION	30359465
23	2	WASHER, 1/4”	30303735
24	1	NUT, NYLOCK 1/4”-20	30334582
25	1	HHCS 1/4”-20 X 1”	30302132
26	2	FITTING - STR	30351528
27	3 FT	TUBE - PLASTIC AIR LINE 3/8” OD	30305009

98443453

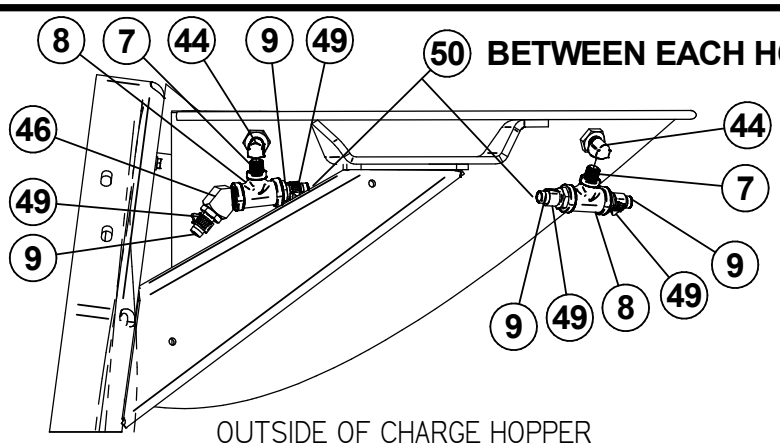


WASHOUT VALVE

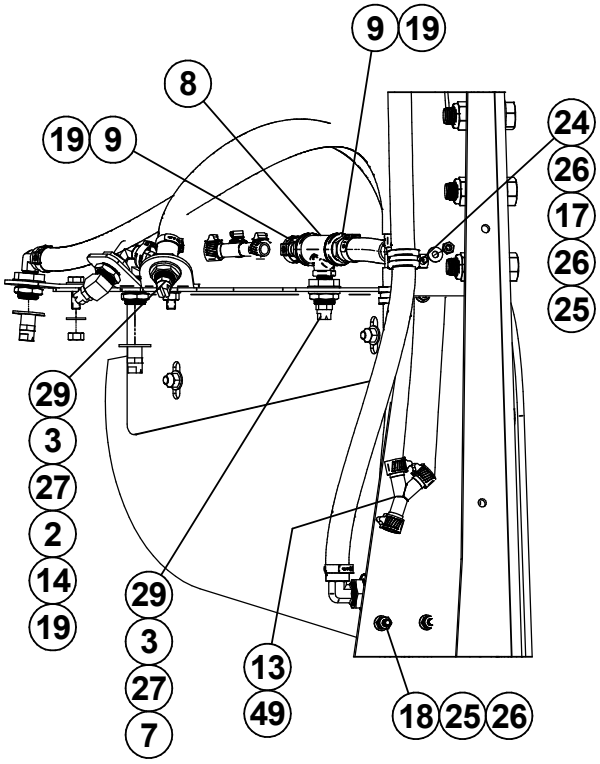
98443453 - ASSY - REAR PEDESTAL ICT WASHOUT (1 OF 3)

Item	Qty	Description	Part #
1	1	BRACKET - MAIN LH WASHOUT NOZZLE	98423156
2	1	BRACKET - DRUM FIN WASHOUT NOZZLE	98423180
3	9	FITTING - BULKHEAD 1/4” NPT	98423249
4	6	FITTING - HOSE BARB ELBOW 1/2” HOSE 1/4” NPT	98423244
5	2	BRACKET - HOPPER WASHOUT NOZZLE	98424551
6	1	BRACKET - MAIN RH WASHOUT NOZZLE	98423157
7	7	NIPPLE BRASS PIPE 1/4” MNPT	98389394
8	9	FITTING - TEE REDUCER 1/2” RUN 1/4” BRANCH	98423247
9	15	FITTING - HOSE BARB 1/2” HOSE 1/2” NPT	98423246
10	1	FITTING - TEE 3/4” GALV	30303369
11	2	FITTING - HOSE BARB 1/2” HOSE 3/4” NPT	98423250
12	1	CONNECTOR - TEE HOSE BARB 1/2” HOSE NYLON	70101610
13	5	CONNECTOR - WYE HOSE BARB 1/2” HOSE NYLON	70101612
14	1	FITTING - HOSE BARB STR 1/2” HOSE 1/4” NPT	98423253
15	1	FITTING - REDUCER BUSHING 3/4” NPT X 1/2” NPT	98423344
16	3	FITTING - HOSE BARB ELBOW 1/2” HOSE X 1/2” NPT	98423259
17	13	CLAMP - P CUSHIONED 7/8” DIA	98423254
18	1	U-BOLT 1/4’-20, 1 1/2” ID	98423251
19	18	CLAMP OETIKER EAR, 22.6 MM ID	98442368
20	1	CLAMP - P CUSHIONED 1 1/4” DIA	98423409
21	9	HHCS, M8X1.25 X 25	10001808
22	18	WASHER, M8	10129842
23	9	NUT, NYLOCK M8X1.25	10001248
24	9	HHCS, M6X1.0 X 20	10001764
25	11	NUT, NYLOCK M6X1	10001244
26	24	WASHER, M6	10134153
27	7	LOCK WASHER, SCHNORR	10032145
28	6	NOZZLE FLAT SPRAY 80° 1.5 GPM @ 40 PSI	98424585
29	3	NOZZLE FLAT SPRAY 80° 3 GPM @ 40 PSI	98424583
30	1	PLUG - 1/4” NPT	30389265
31	1	PLUT - HEX HEAD, 1/2” NPT	98412586
32	3	CLAMP - EAR, 37.6 MM	98443348
33	1	VALVE 12 VDC, MULTI-ZONE WASHOUT	98430834
34	2	CLAMP - STAUFF, PLASTIC	70100704
35	2	COVER PLATE, STAUFF	30307534
36	4	HHCS, M6X1 X 40	10001779
37	2	FITTING - 45° ELBOW, 1/4” NPT	70100698
38	7	SPRAY NOZZLE, 95°	70100768
39	1	FITTING - BULKHEAD 1/2” NPT	70100703
40	1	FITTING - TEE 1/2”	70100702
41	2	FITTING - ADAPTOR 1/4” TO 1/2” NPT	70100699
42	1	PIPE - 2.5” LONG, 1/2” NPT	70100701

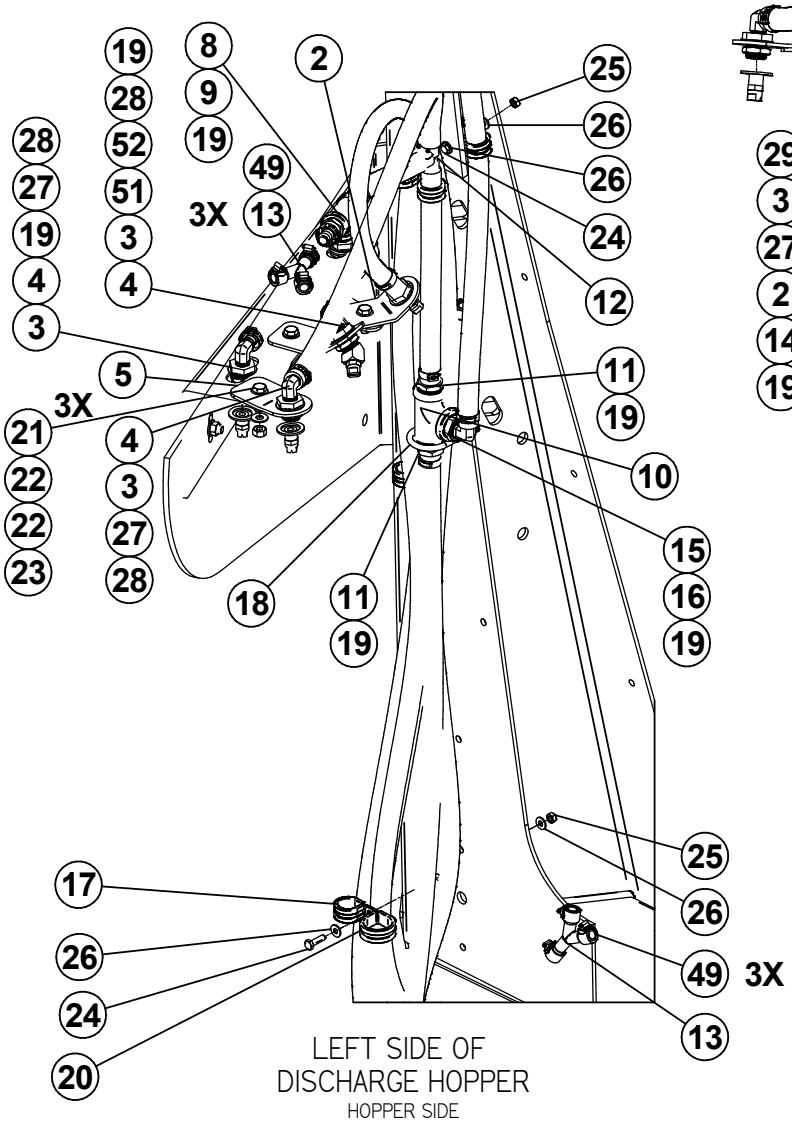
98443453



OUTSIDE OF CHARGE HOPPER
COMPONENTS TYPICAL IN CORNERS AND AROUND CHARGE HOPPER



LEFT SIDE OF
DISCHARGE HOPPER
DRUM SIDE

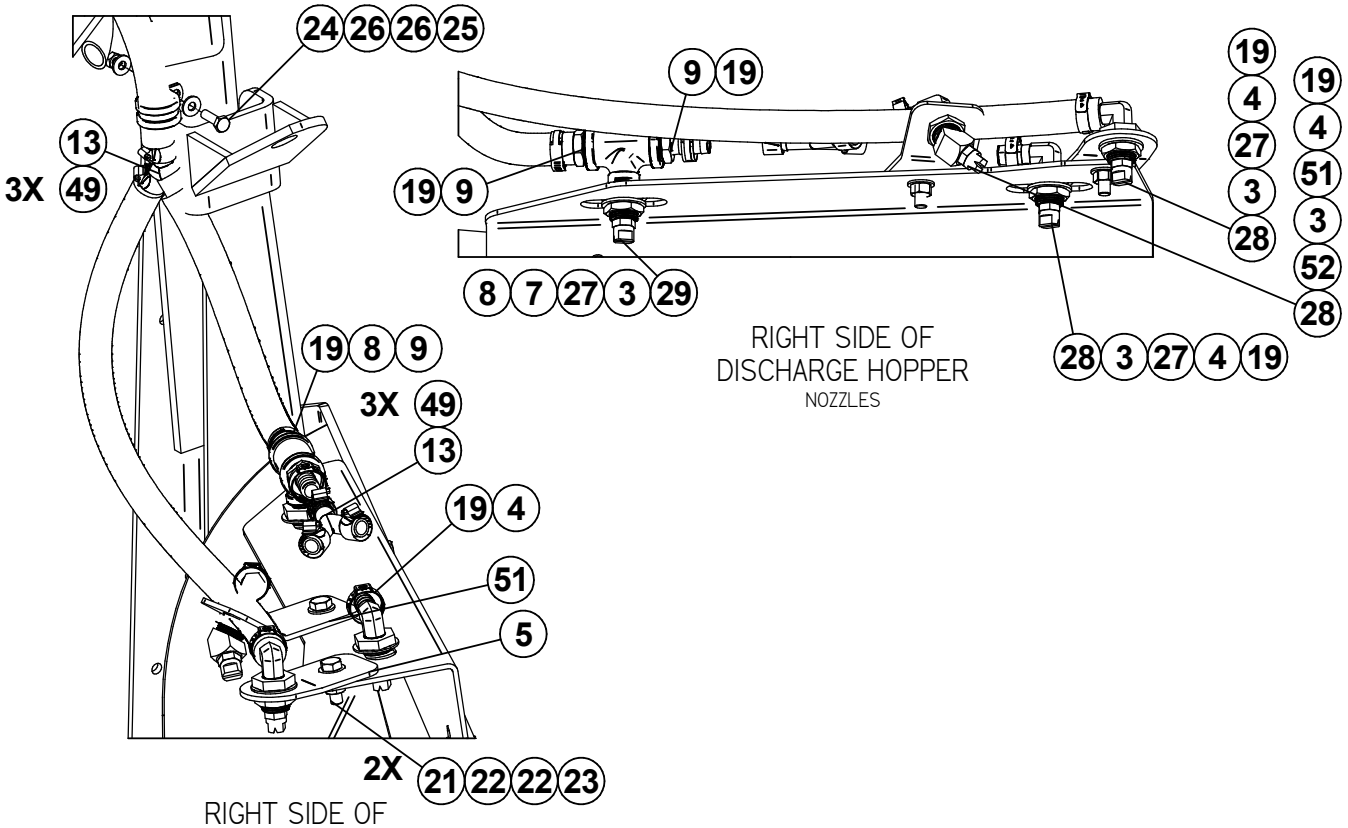


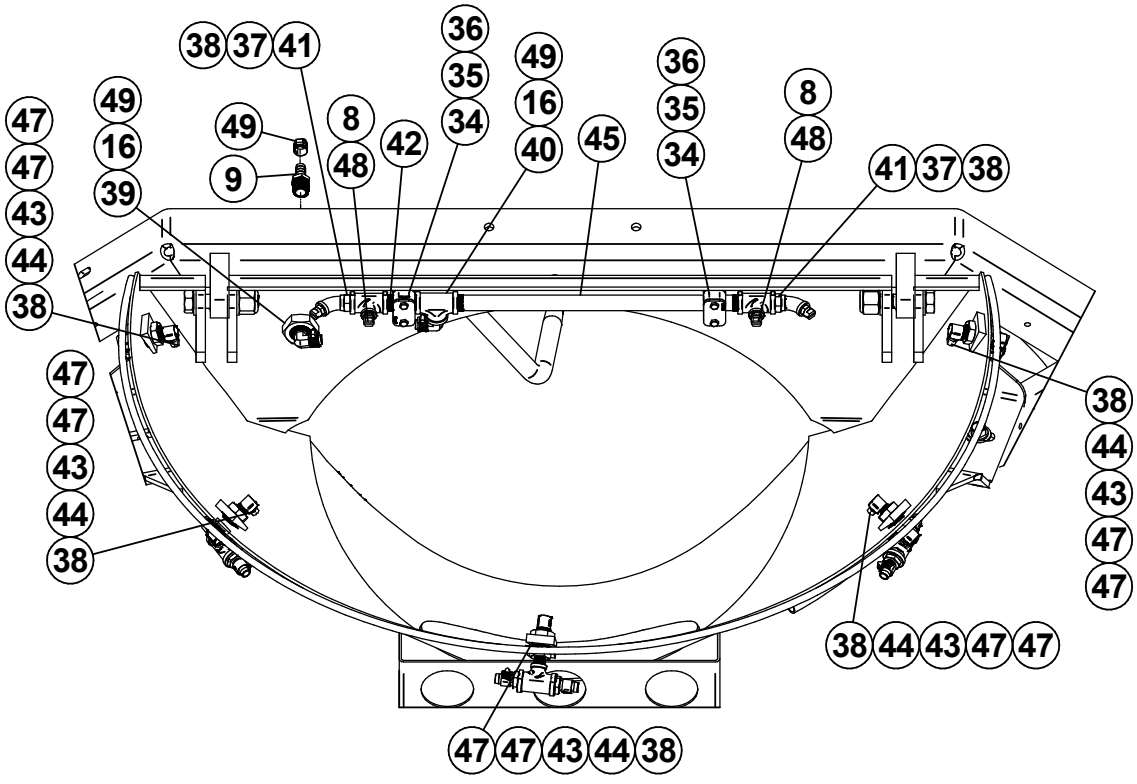
LEFT SIDE OF
DISCHARGE HOPPER
HOPPER SIDE

98443453 - ASSY - REAR PEDESTAL ICT WASHOUT (2 OF 3)

Item	Qty	Description	Part #
43	5	FITTING - BULKHEAD 1/4” NPT	70100740
44	9	FITTING - STREET ELBOW 90° 1/4” NPT	30347007
45	1	PIPE - 16” LONG, 1/2” NPT	70100700
46	2	FITTING - STREET ELBOW 45° 1/2” NPT	70100765
47	10	WASHER - BEVELED, 3/4”	70100735
48	2	SPRAY NOZZLE, 110°	70100767
49	35	CLAMP - WORM GEAR 3/8”-7/8”	30303643
50	5.5 FT	TUBE - 1/2” ID EVA PLASTIC	70100766
51	2	PLATE, DISCHARGE WASHOUT	70100899
52	2	FITTING - STREET ELBOW 45° 1/4” NPT	70100894
53	1	ASSY - WATER VALVE MANIFOLD MOUNT	70100900
54	4	HHCS, 1/4”-20 X 3/4”	30302133
55	1	WYE FITTING, WATER HOSE 3/4”	30389491
56	1	ADPT, 3/4” FEMALE GARDEN HOSE THREAD X 1/2” HOSE BARB	70101504
57	43 FT	HOSE - WATER 1/2” ID 200 PSI	98425437
58	1	HARN-CLAMP, 3/4” SS PARTIAL CUSION	30359261
59	2	WASHER, 1/4”	30303735
60	1	HHCS, 1/4”-20 X 3/4”	30373841
61	1	NUT, NYLOCK 1/4”-20	30334582
62	16 FT	HOSE - WATER 1”	30389226

98443453

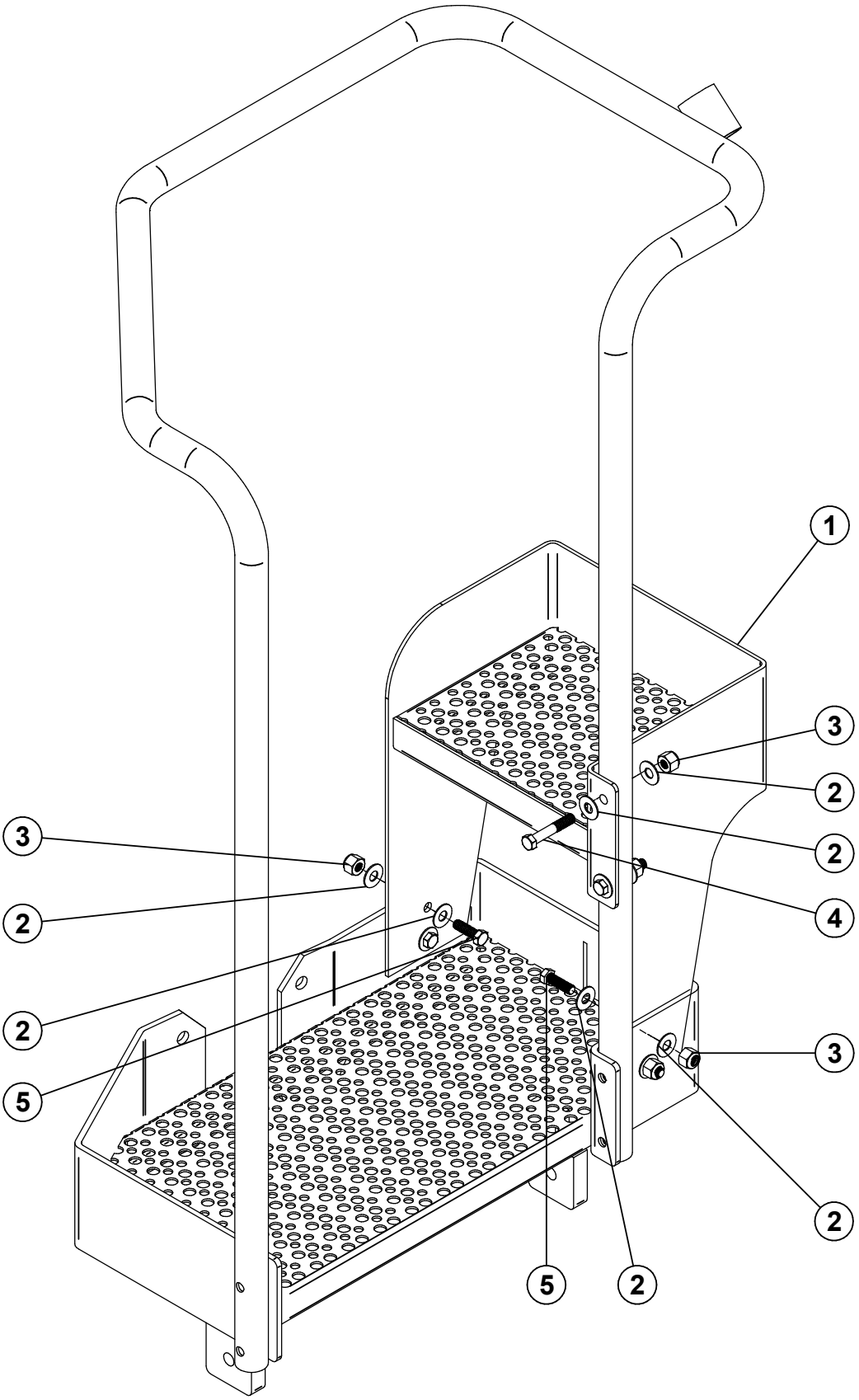

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DISCHARGE HOPPER
NOZZLES


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HOPPER

98443453 - ASSY - REAR PEDESTAL ICT WASHOUT (3 OF 3)

Item	Qty	Description	Part #

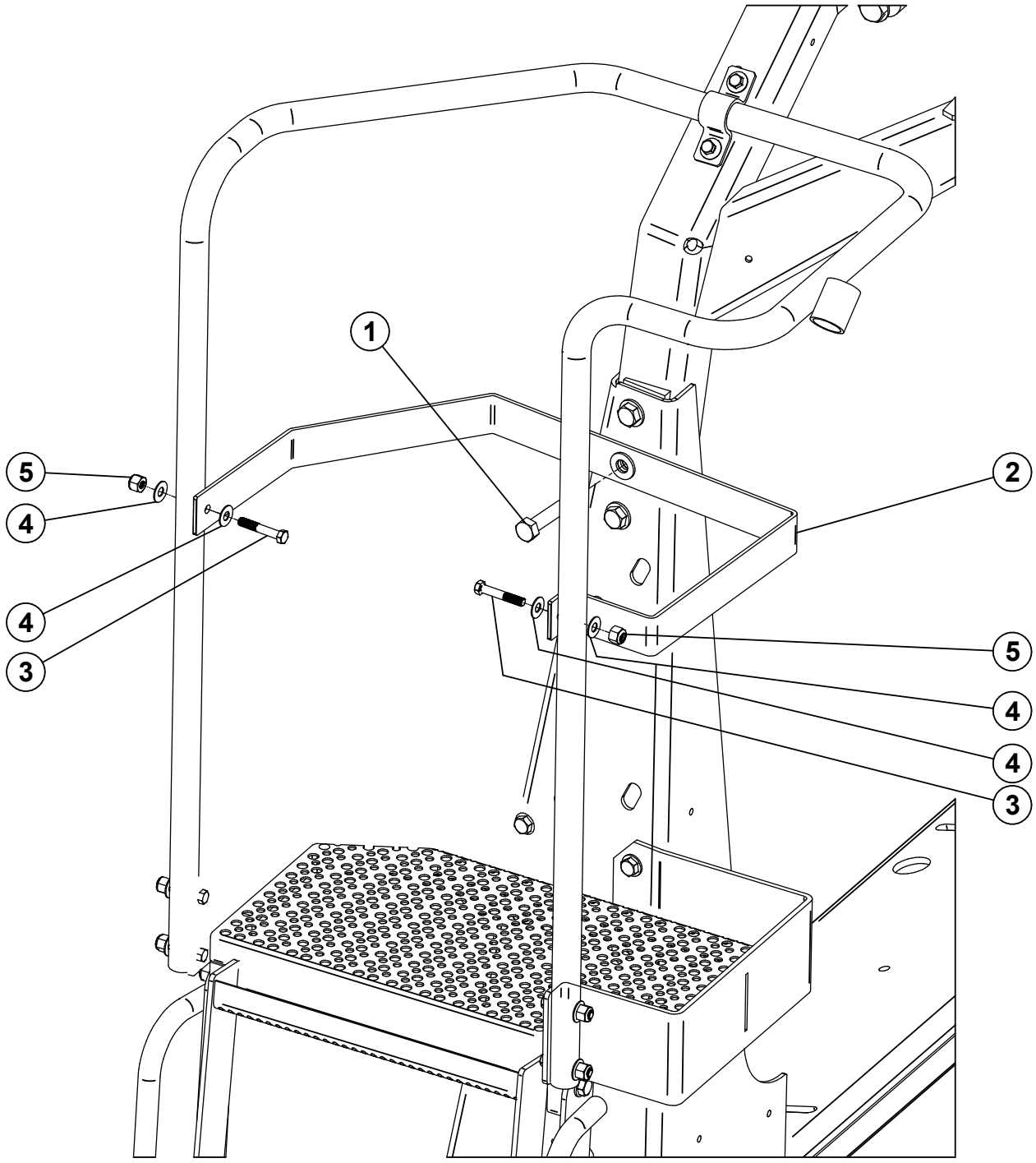
98430571



98430571 - ASSY PLATFORM HIGHEST LADDER

Item	Qty	Description	Part #
1	1	WELDMENT - PLATFORM	98430532
2	12	WASHER, 3/8”	30302130
3	6	NUT, 3/8”-16 NYLOCK	30389195
4	2	HHCS, 3/8”-16 X 2 1/4”	30391467
5	4	HHCS, 3/8”-16 X 1 1/4”	30302817

70101620



70101620 - ASSY MID HEIGHT RAILING

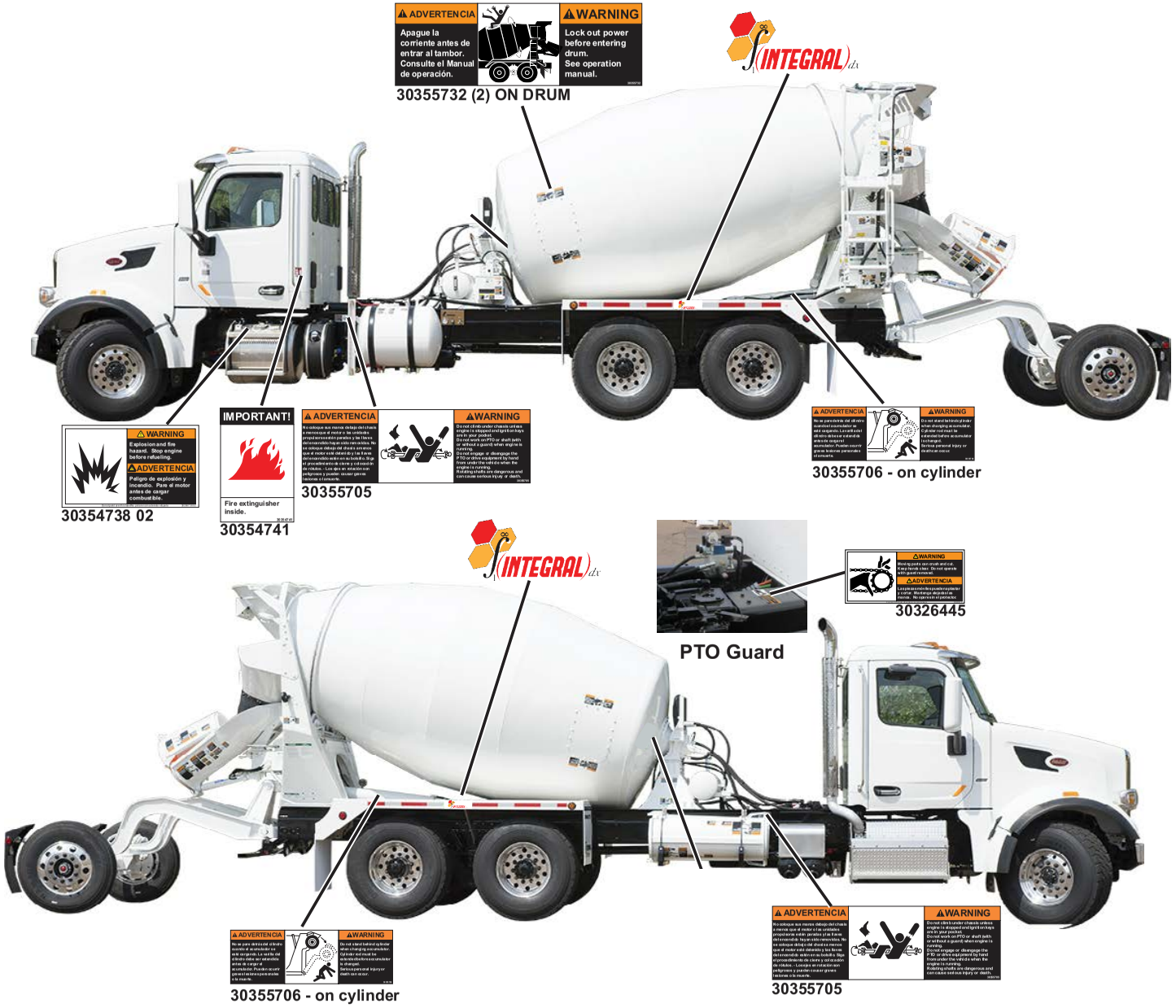
Item	Qty	Description	Part #
1	1	HHCS, 5/8”-11 X 2 1/2”	30310889
2	1	PLATE, MID HEIGHT RAILING	70100895
3	2	HHCS, 3/8”-16 X 2 1/4”	30358387
4	4	WASHER, 3/8”	30302130
5	2	NUT, NYLOCK 3/8”-16	30389195

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11.0 Decal Location Guide

Decal Location Guide (98404968-05)

Overview



Decal Location Guide (98404968-05)

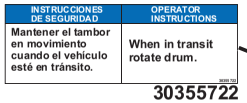
Inside Cab



Inside of driver side door.



30355694



30355722



30355724



30355723



30355720

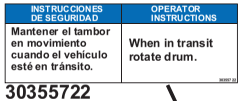


30355725

ICT
INTEGRAL dx CONTROL TECHNOLOGY

98404964
(Inside Door Jam)

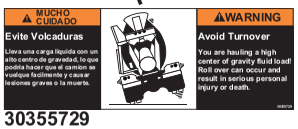




30355722



30355704
(Both sides)



30355729



30333269



On the dashboard

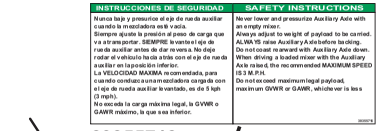


ICT
INTEGRAL dx CONTROL TECHNOLOGY

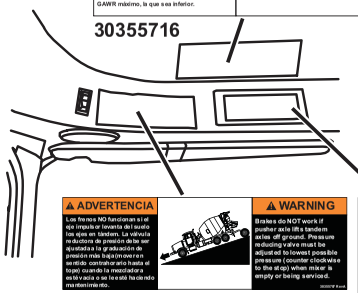
98404964

With Booster Axle

Inside cab - driver's side



30355716

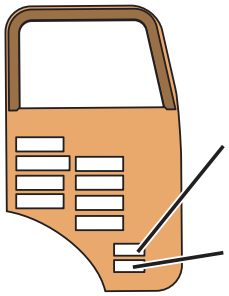


30355707



30359280

Inside of driver side door





30355716



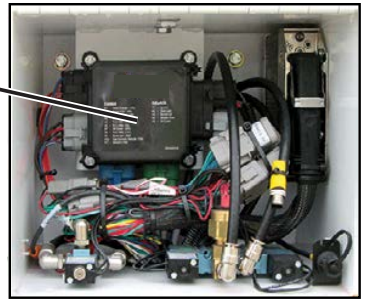
30355707

Decal Location Guide (98404968-05)

Driver Side Front Pedestal



98404965





30381920





98413218 00



30344840 02



30355696 01



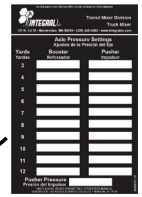
98385939-01



30355702 02



30355728 02



30355701 01



30355717 02



30355707



30355716



30355711 02
(on frame or pedestal)

Decal Location Guide (98404968-05)

Passenger Side Front Pedestal



30355717 02





30355697 03



30355711 02

30344840 02

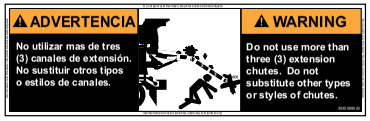
98413218 00



30355691 04



30355691 04



30355695 02

Decal Location Guide (98404968-05)

Driver Side Rear Pedestal



30355706



30355727 02



30355732 02



30355709 02



30355695 02



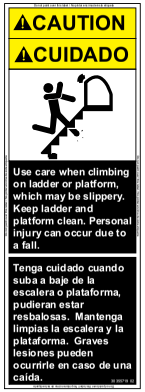
30355715 02



30355691 04

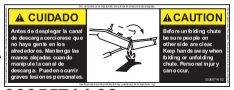


30355708 01



30355719 02

30355716



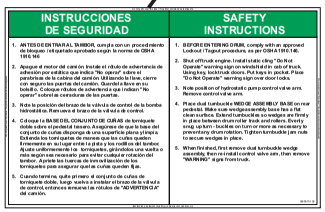
30355714 02



30355713 02



30355718 02



30355731 02



30355702 02



30355710 02



30355721 02



30355711 02



30355728 02



30355692 00

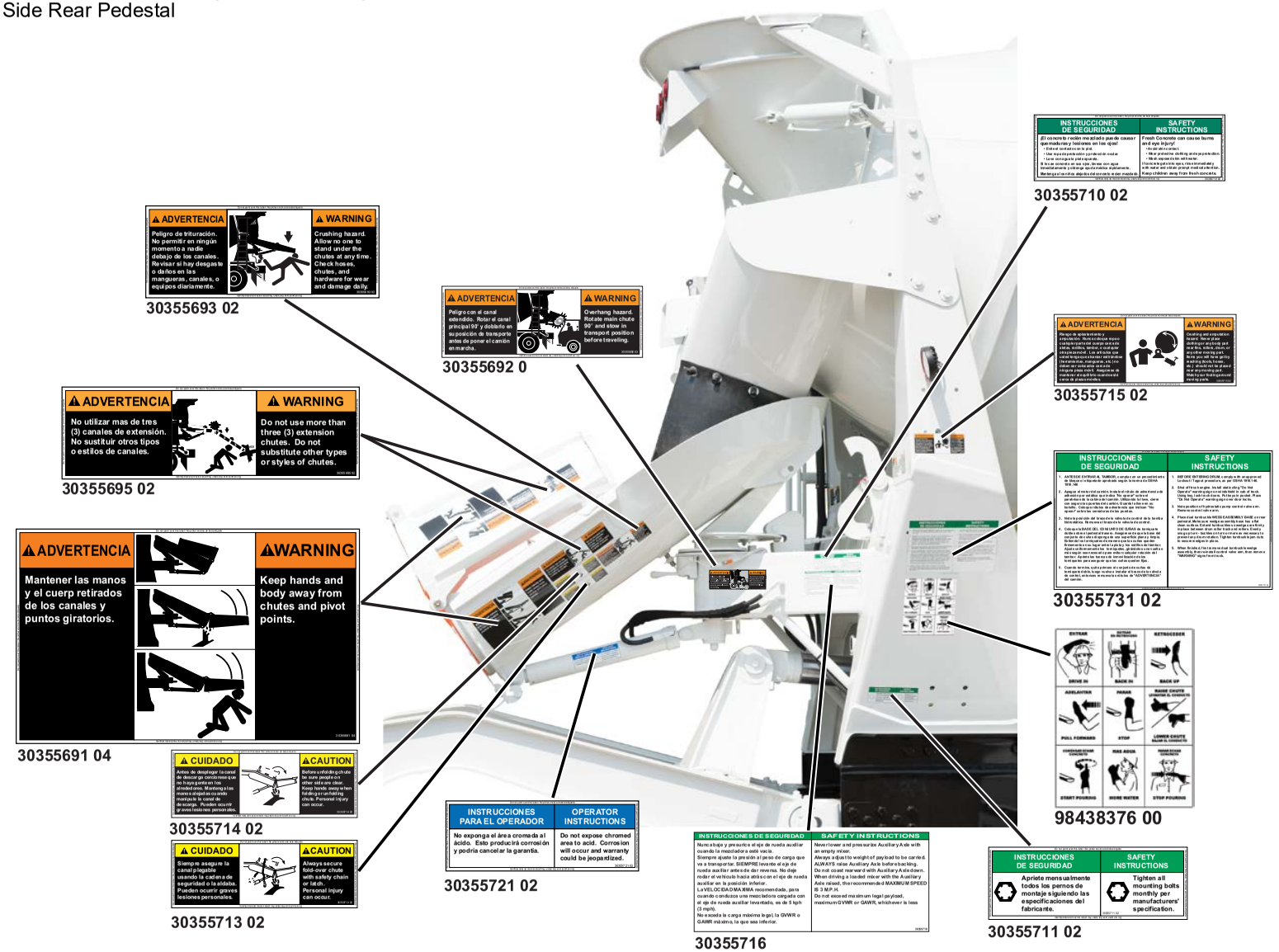


30355725



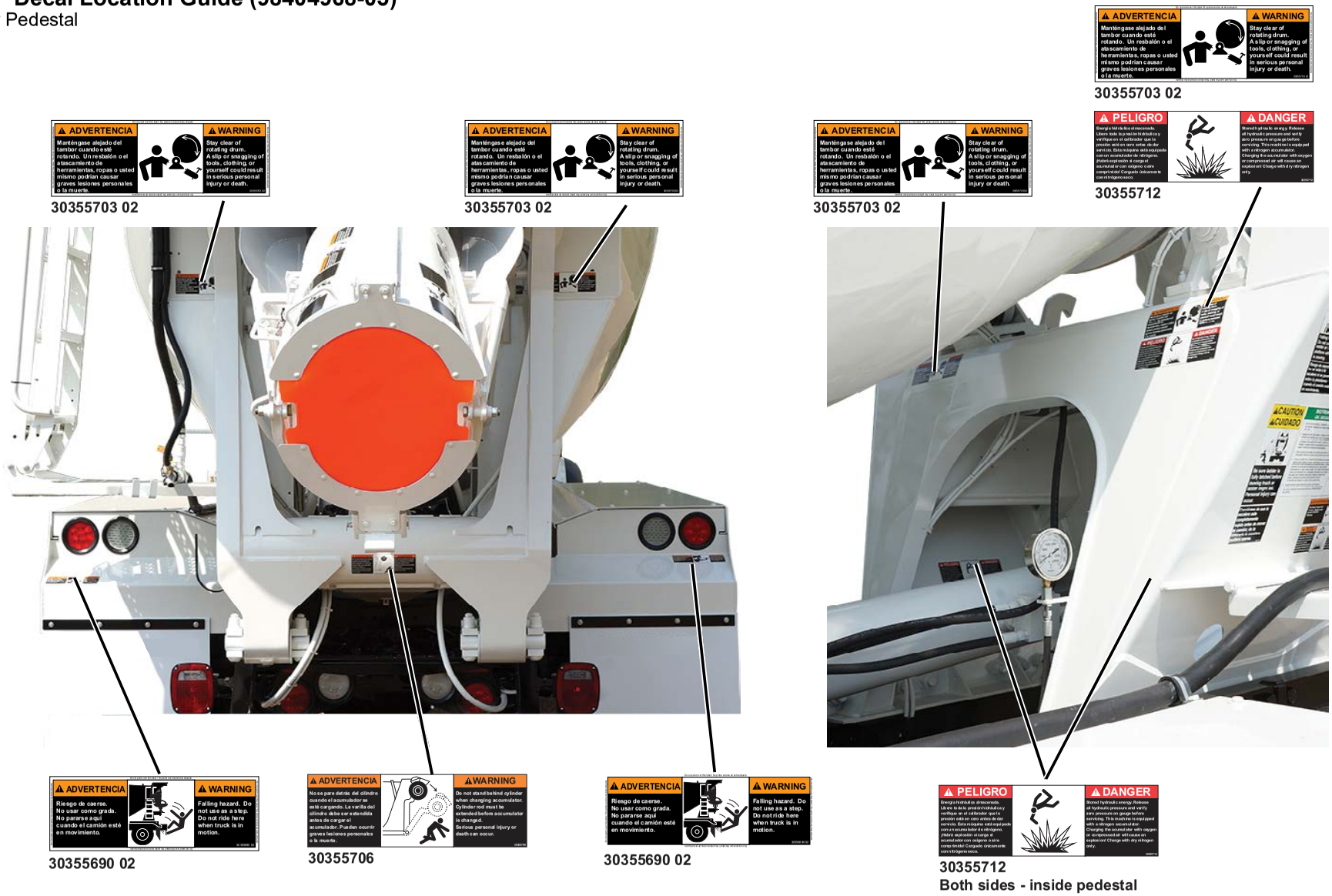
Decal Location Guide (98404968-05)

Passenger Side Rear Pedestal



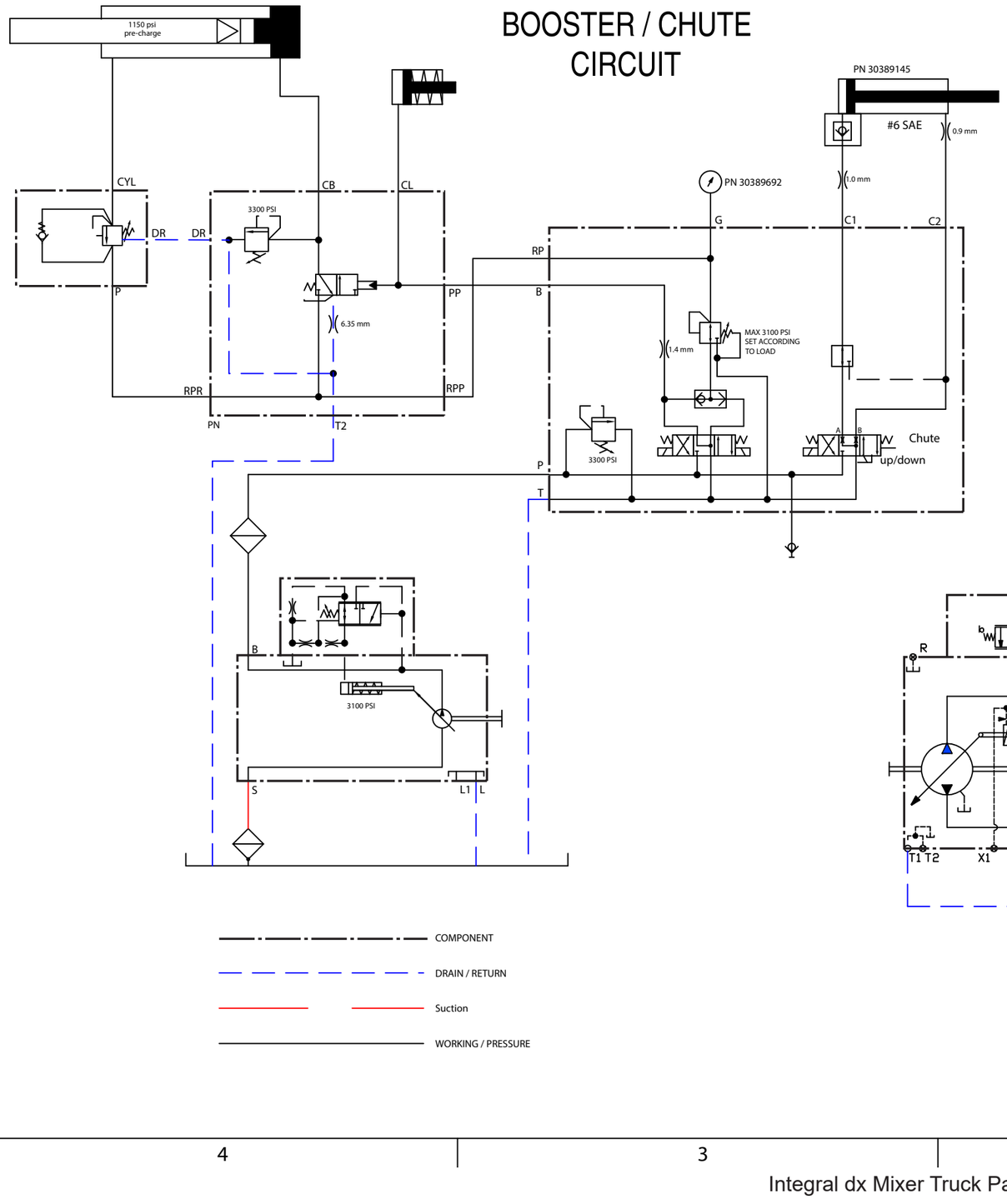
Decal Location Guide (98404968-05)

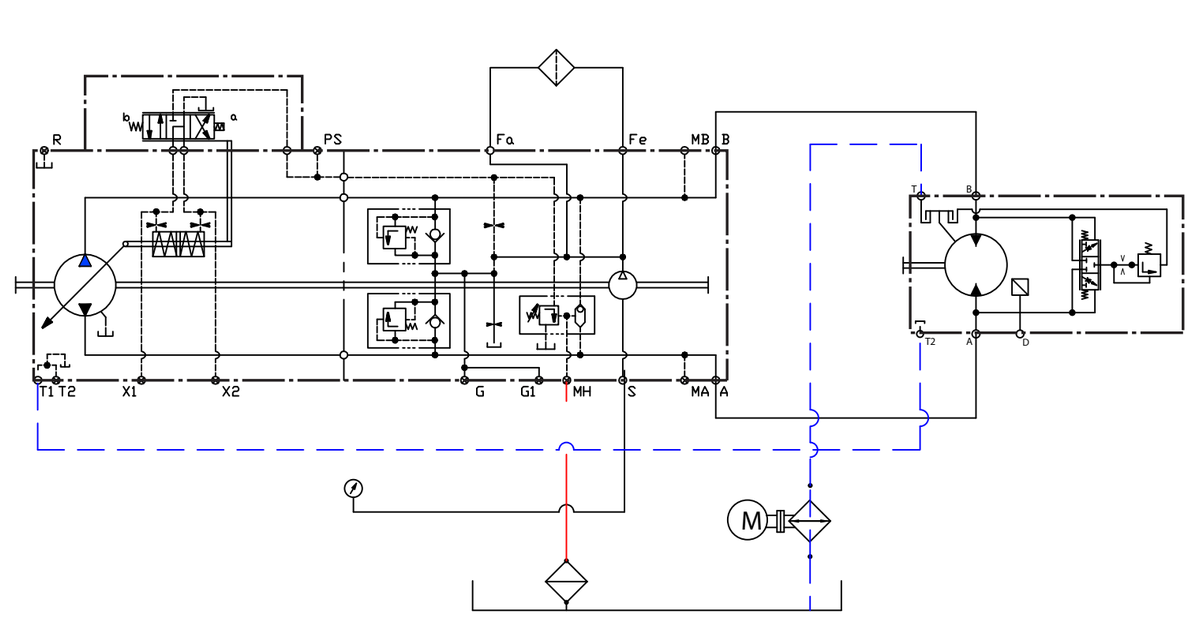
Rear Pedestal



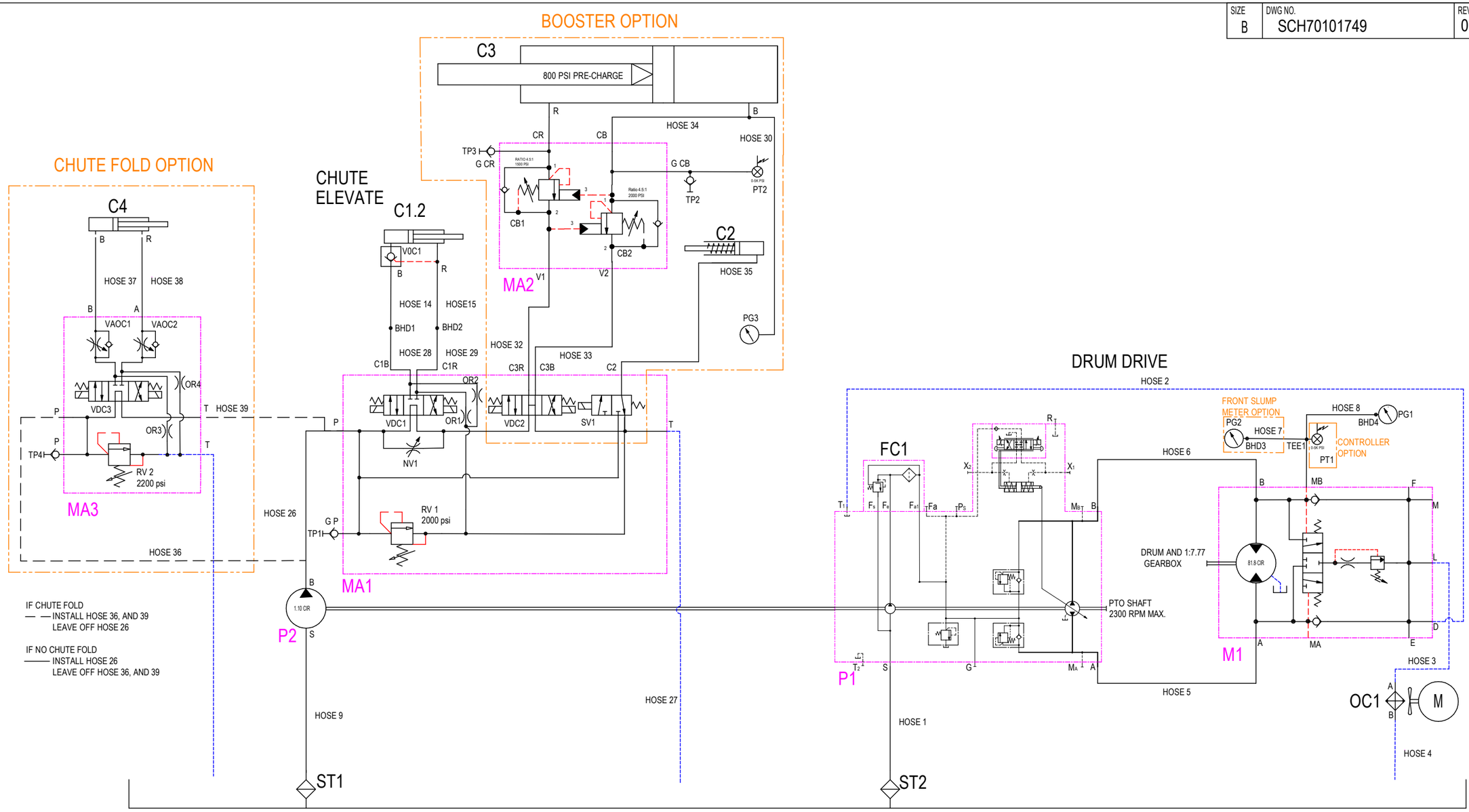
12.0 Schematics

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BOOSTER / CHUTE CIRCUIT
1150 psi pre-charge
CYL
DR
P
3300 PSI
CB
CL
6.35 mm
PP
RPR
RPP
PN
T2
RP
B
PN 30389692
G
C1
C2
PN 30389145
#6 SAE
0.9 mm
1.0 mm
MAX 3100 PSI SET ACCORDING TO LOAD
1.4 mm
3300 PSI
Chute up/down
T
A
B
L1
3100 PSI
S
L1
L
COMPONENT
DRAIN / RETURN
Suction
WORKING / PRESSURE


DRUM CIRCUIT
R
PS
Fa
Fe
MB
B
T1 T2
X1
X2
G
G1
MH
S
MA
A
M

SIZE	DWG NO.	REV
B	SCH70101749	0



REV	DESCRIPTION	INIT	ECO	DATE

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SPECIALTY SYSTEMS ENGINEERING
121 N. 1st
Montevideo, MN 56265

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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES.
TOLERANCES ON:
2 PL DECIMALS ± .06
3 PL DECIMALS ± .030
ANGLES ± 1°
FRACTIONS ± 1/16

DRAWN BY	NG
DATE	2/15/24
CHECKED BY	ACO

TITLE: SCHEMATIC,HYD,MIXER TRUCK

MATERIAL	WEIGHT (LBS)
N/A	N/A

SIZE	DWG NO.	REV
B	SCH70101749	0

SCALE N/A | SHEET 2 OF 2

REV	CHANGES	DATE	NAME
00	Release for Production	02/08/16	KK
01	Released with Added Detail	06/17/16	CK



CAN2 Network

70100581

PLC

98396021



REMOTE RECEIVER



TRANSMITTER

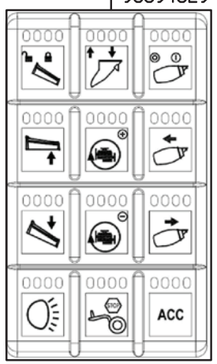
CAN1 Network

98395773



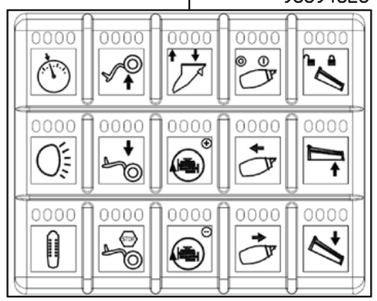
JOY STICK
OPTION

98394829



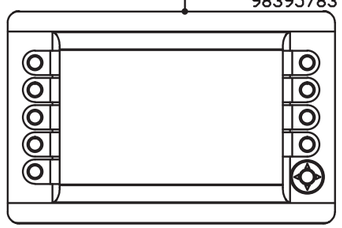
CABLE REMOTE
KEYPAD

98394828



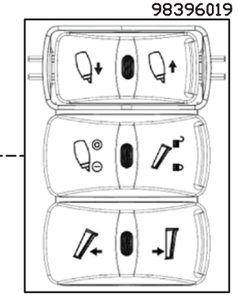
CAB KEYPAD

98395783



7" DISPLAY OPTION

98396019



ROCKER SWITCH
OPTION

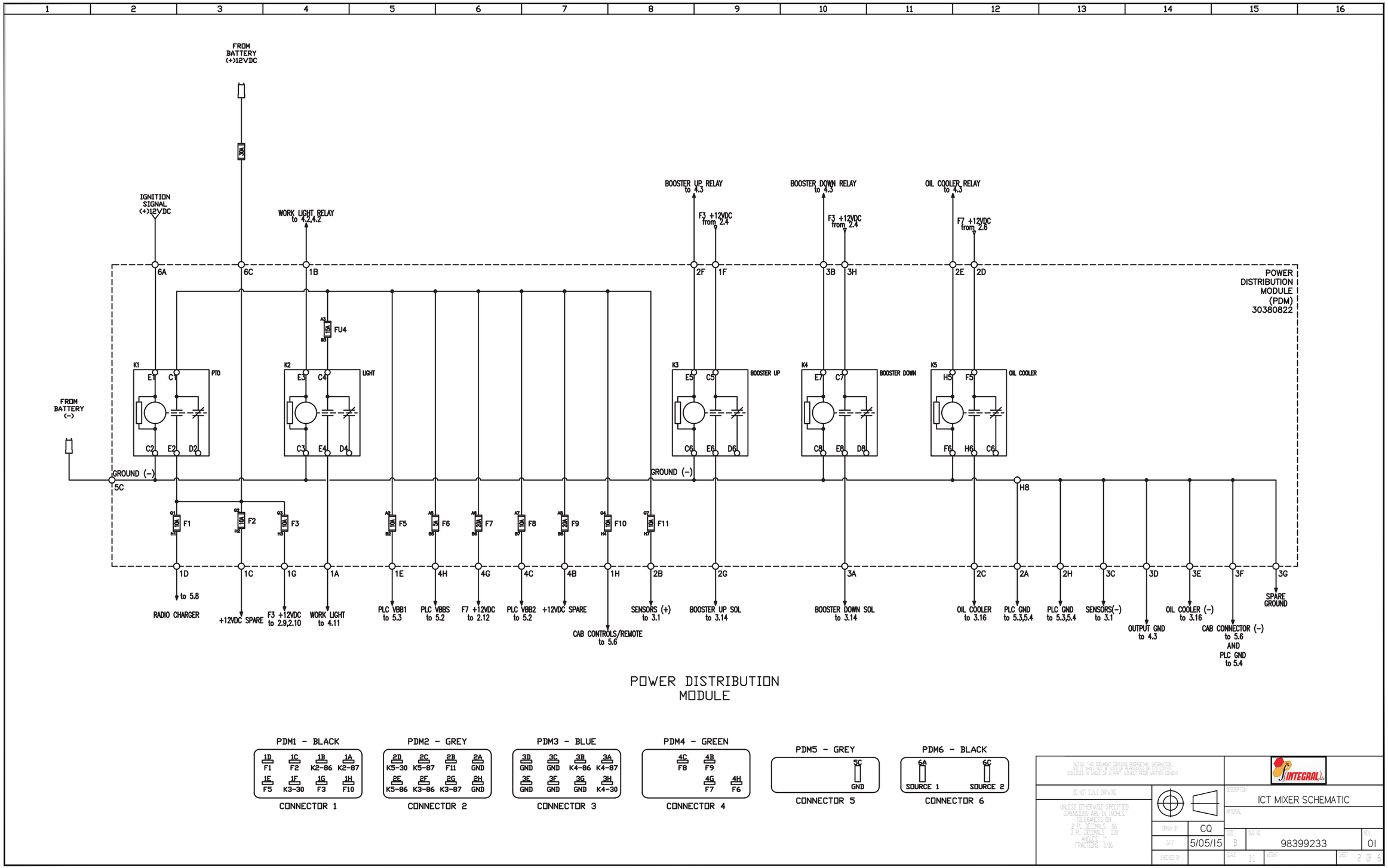
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2 PL DECIMALS .06
3 PL DECIMALS .030
ANGLES 1°
FRACTIONS 1/16

DRAWN BY	CQ
DATE	5/05/15
CHECKED BY	

DESCRIPTION: ICT MIXER SCHEMATIC
MATERIAL:
SIZE: B | DWG NO: 98399233 | REV: 01
SCALE: 1:1 | WEIGHT: | SHEET 1 OF 6



POWER DISTRIBUTION MODULE

PDM1 - BLACK

1D F1	1C F2	1B K2-86	1A K2-87
1E F5	1F K3-30	1G F3	1H F10

CONNECTOR 1

PDM2 - GREY

2D K5-30	2C K5-87	2B F11	2A GND
2E K5-86	2F K3-86	2G K3-87	2H GND

CONNECTOR 2

PDM3 - BLUE

3D GND	3C GND	3B K4-86	3A K4-87
3E GND	3F GND	3G GND	3H K4-30

CONNECTOR 3

PDM4 - GREEN

4C F8	4B F9		
		4G F7	4H F6

CONNECTOR 4

PDM5 - GREY

5C GND

CONNECTOR 5

PDM6 - BLACK

6A SOURCE 1 — 6C SOURCE 2

CONNECTOR 6

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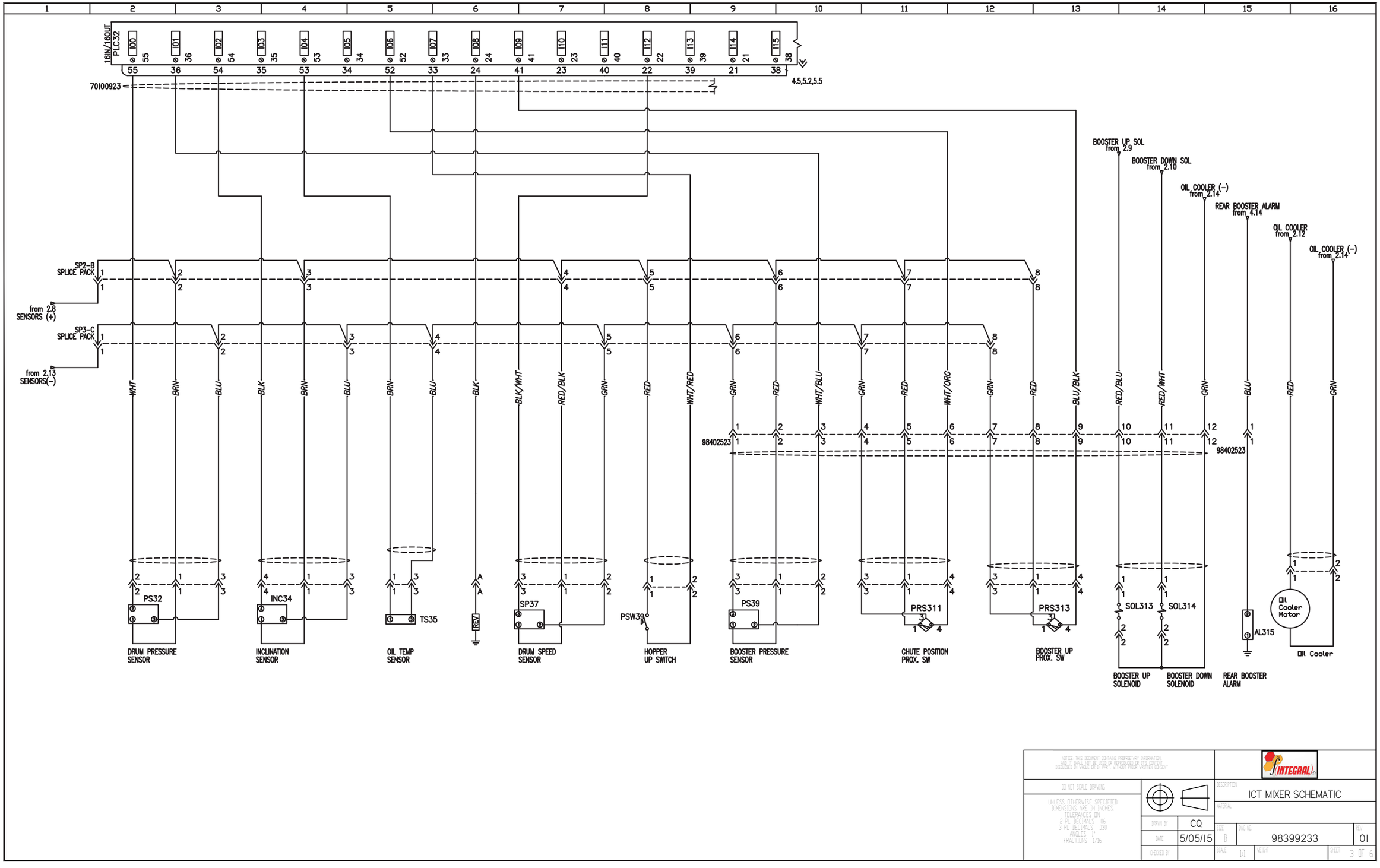
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TOLERANCES ON
2 PL DECIMALS .06
3 PL DECIMALS .030
ANGLES 1°
FRACTIONS 1/16

INTEGRAL

DESCRIPTION: ICT MIXER SCHEMATIC
MATERIAL:
DRAWN BY: CQ
DATE: 5/05/15
CHECKED BY:
SIZE: B
DWG NO: 98399233
REV: 01
SCALE: 1:1
WEIGHT:
SHEET: 2 OF 6

98399233 - Electrical Schematic (3 of 6)



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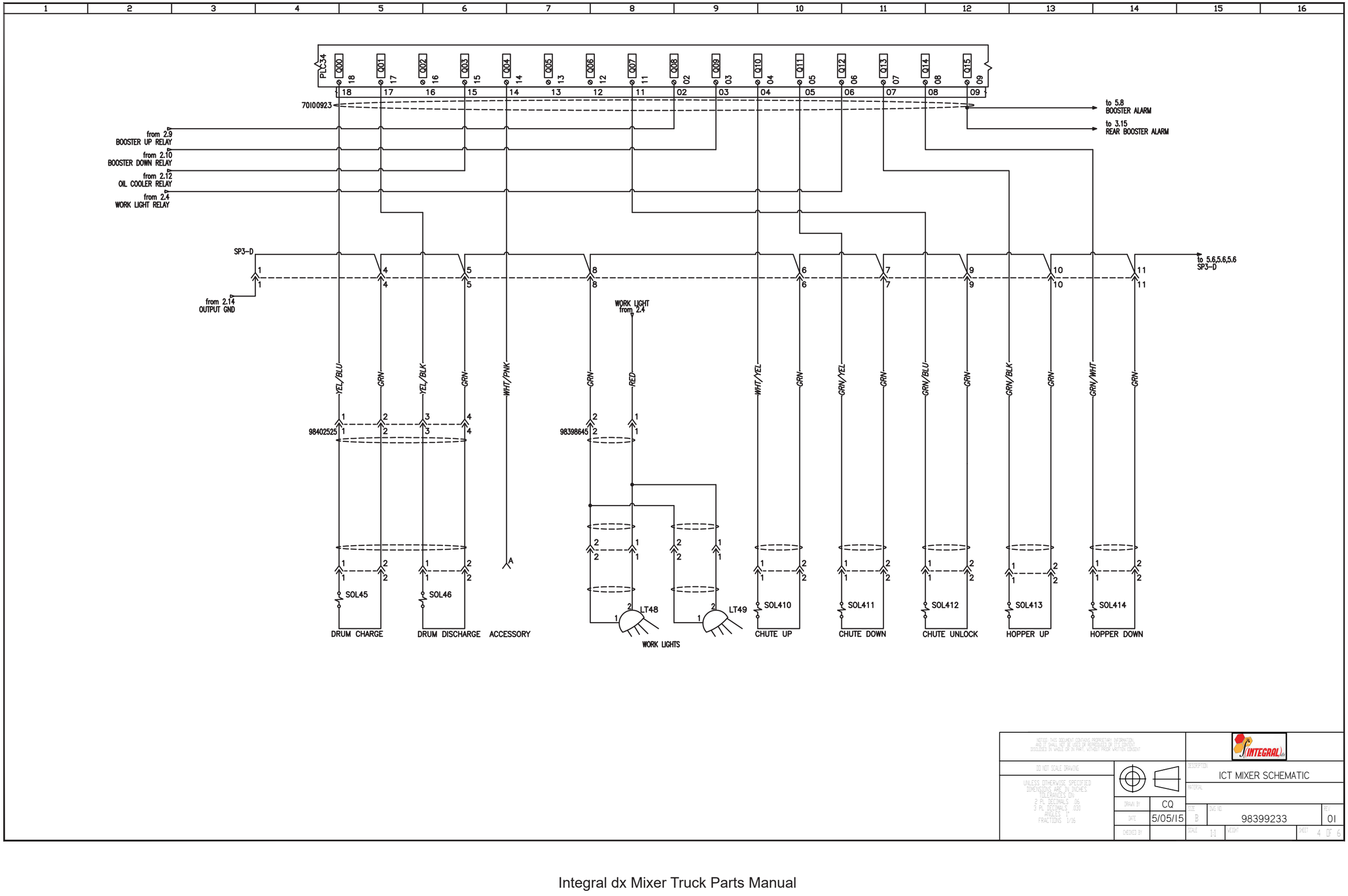
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DESCRIPTION: ICT MIXER SCHEMATIC

MATERIAL:

DRAWN BY	CQ
DATE	5/05/15
CHECKED BY	
SIZE	B
DWG NO	98399233
REV	01
SCALE	1:1
WEIGHT	
SHEET	3 OF 6

98399233 - Electrical Schematic (4 of 6)

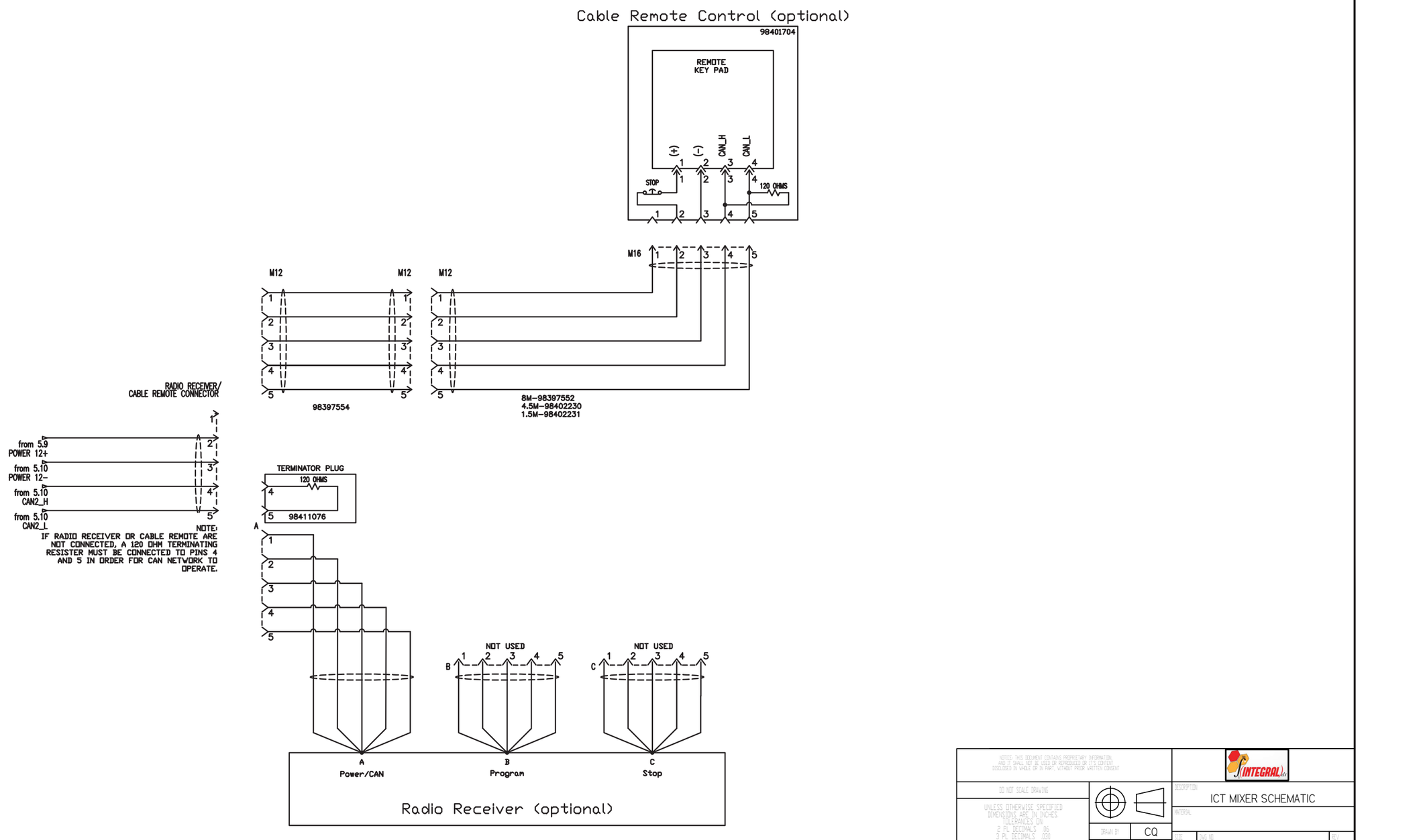


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TOLERANCES ON
2 PL DECIMALS .06
3 PL DECIMALS .030
ANGLES 1°
FRACTIONS 1/16

DESCRIPTION: ICT MIXER SCHEMATIC
MATERIAL:
DRAWN BY: CQ
DATE: 5/05/15
CHECKED BY:
SIZE: B
DWG NO: 98399233
REV: 01
SCALE: 1:1
WEIGHT:
SHEET: 4 OF 6

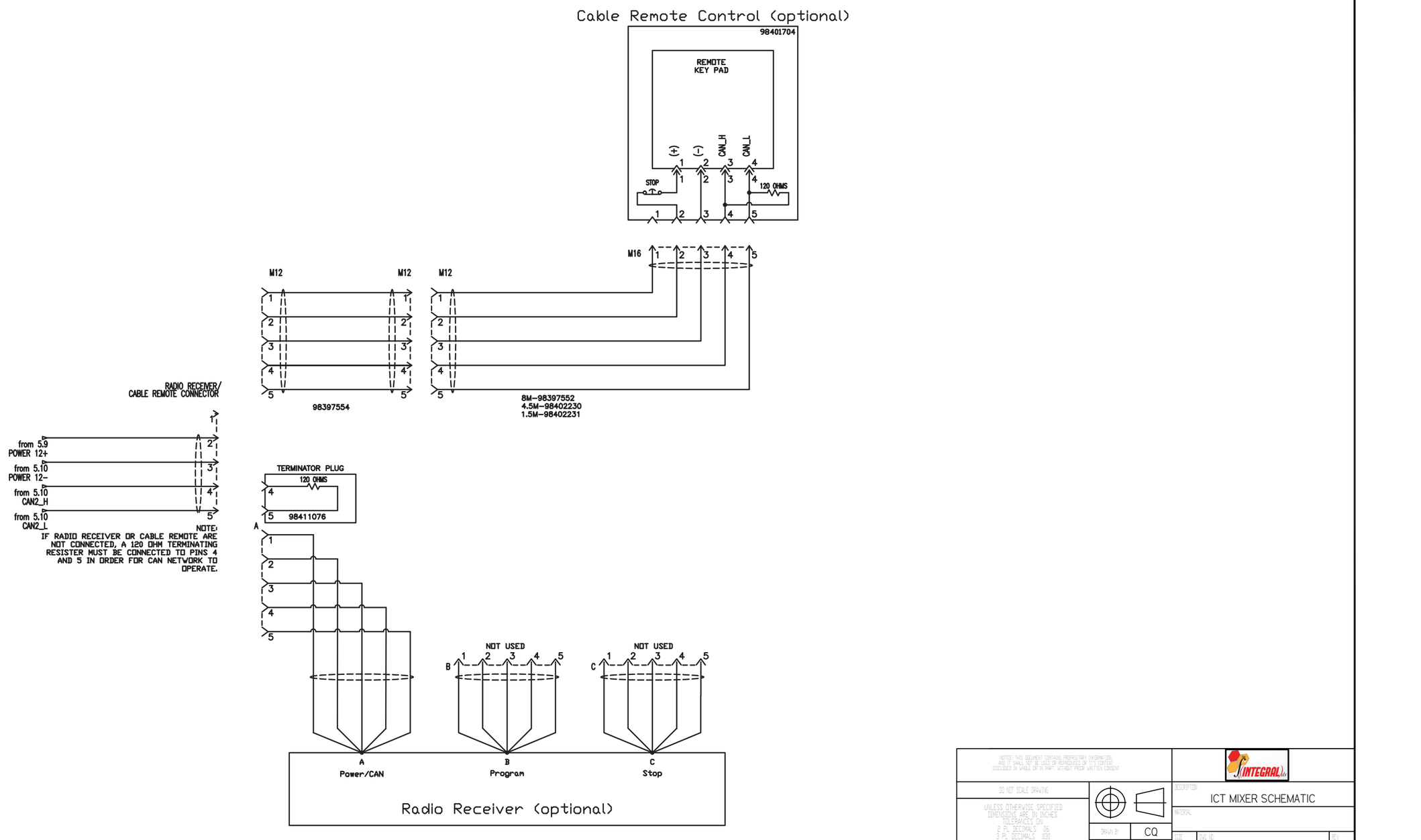


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TOLERANCES ON
2 PL DECIMALS .05
3 PL DECIMALS .030
ANGLES 1°
FRACTIONS 1/16

DESCRIPTION	ICT MIXER SCHEMATIC
MATERIAL	
DRAWN BY	CQ
DATE	5/05/15
CHECKED BY	
SIZE	B
DWG NO	98399233
REV	01
SCALE	1:1
WEIGHT	
SHEET	6 OF 6



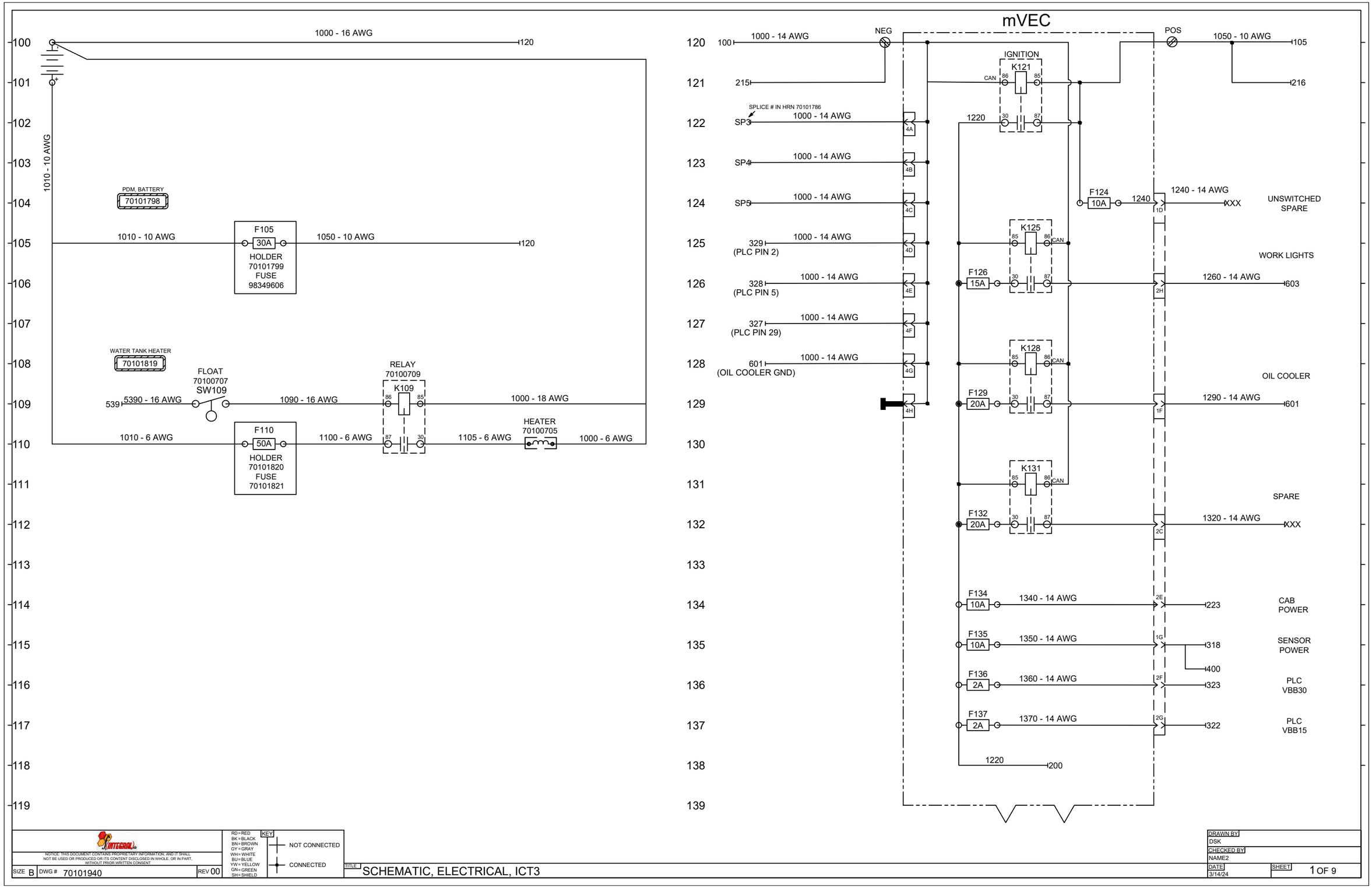
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TOLERANCES ON
2 PL DECIMALS .05
3 PL DECIMALS .030
ANGLES 1°
FRACTIONS 1/16

DESCRIPTION	ICT MIXER SCHEMATIC
MATERIAL	
DRAWN BY	CQ
DATE	5/05/15
CHECKED BY	
SIZE	B
DWG NO	98399233
REV	01
SCALE	1:1
WEIGHT	
SHEET	6 OF 6

70101940 - Electrical Schematic Results (1 of 8)



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SIZE B | DWG # 70101940 | REV 00

KEY
RD = RED
BK = BLACK
BN = BROWN
GY = GRAY
WH = WHITE
BU = BLUE
YW = YELLOW
GN = GREEN
SH = SHIELD
NOT CONNECTED
CONNECTED

TITLE SCHEMATIC, ELECTRICAL, ICT3

DRAWN BY: DSK
CHECKED BY: NAME2
DATE: 3/14/24
SHEET: 1 OF 9

SPACE LEFT INTENTIONALLY BLANK
FOR ADDITIONAL mVEC EXPANSION

mVEC

138	1220	F200 15A	PLC VBB0	2000 - 14 AWG	2D → 324
		F201 15A	PLC VBB1	2010 - 14 AWG	1B → 325
		F202 15A	PLC VBB2	2020 - 14 AWG	1A → 326
		F203 5A	DSP VBB30	2030 - 14 AWG	1H → 223
		F204 3A	DSP VBB15	2040 - 14 AWG	1E → 223
		F205 15A	DSP VBB0	2050 - 14 AWG	1C → 223
		F206 10A	SPARE	2060 - 14 AWG	2B → XXX
		F207 15A	SPARE	2070 - 14 AWG	2A → XXX

mVEC LOGIC

221	6230 - 14 AWG	8	IGNITION HIGH
121	1000 - 14 AWG	3	GROUND (CTRL CIRC & RLY COIL RETURN)
121	1050 - 14 AWG	1	V BATT
VARIOUS	2170 - 14 AWG	5	CAN SHIELD
134	1000 - 14 AWG 3 - BLK	6	CAN HI
134	1340 - 14 AWG 2 - RED	12	CAN LO

CBL: 70101932
TO: M12 TEE / 339
1 - BARE
4 - WHT
5 - BLU

THE CAN SHIELD HERE PROVIDES SHIELD GROUNDING FOR ALL SHIELDED CABLES THROUGHOUT ALL HARNESSES, EXCEPT IN-CAB

THROUGH CAB PWR 70101781
CBL: 70101773
(2X SPARE: GRN,WHT)
GLAND: 70101698
GROMMET: 70101701

214 6230 - 14 AWG (IGN)
438 2210 - 14 AWG (RVRS)
→ BWN 1, BLU 2 → 623

RCP: 98430197
PLG: 98430185

122	1000 - 14 AWG	BLK 1	1000 - 14 AWG
203	2030 - 14 AWG	RED 2	2030 - 14 AWG
204	2040 - 14 AWG	ORG 3	2040 - 18 AWG
205	2050 - 14 AWG	YLW 4	2050 - 14 AWG
134	1340 - 14 AWG	WHT 5	1000 - 17 AWG

1000 - 18 AWG → 234
224

DISPLAY 70101775
121 VBB30
119 VBB15
114 VBB0
GND 120
420

220 1000 - 17 AWG
318 1340 - 14AWG

CBL: 70101736
TO: 312
2260 - 20 AWG GRN → 84 CAN0-LOW
2270 - 20 AWG YLW → 92 CAN0-HIGH

1340 - 14 AWG → 224

THROUGH CAB CAMS 70101782
CBL: 70101703
GLAND: 70101698
GROMMET: 70101700

608
RCP: 70101771 — PLG: 70101769
612
GRN/YLW
RCP: 70101771 — RCP: 70101769
616
217 2170

RCP: 70101771
2280 - 20 AWG → 98 GND-CAM0
6080 - 20 AWG → 106 SIGNAL-CAM0
REVERSE CAMERA

RCP: 70101771
2300 - 20 AWG → 99 GND-CAM1
6120 - 20 AWG → 107 SIGNAL-CAM1
LEFT CAMERA

RCP: 70101771
2320 - 20 AWG → 100 GND-CAM2
6160 - 20 AWG → 108 SIGNAL-CAM2
RIGHT CAMERA

BUZZ234
220 1000 - 18 AWG
2340- 18 AWG → 117 OUT 0
SetLocalOutputs stChannel0
BOOSTER ALARM

331 CBL: 70101767
ETH0 MIXER LAN
CTRL/DPLY COMM.

CBL: 70101704
USB0 UPDATE PORT
PROGRAM UPDATE USB PORT

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CBL: 70101736

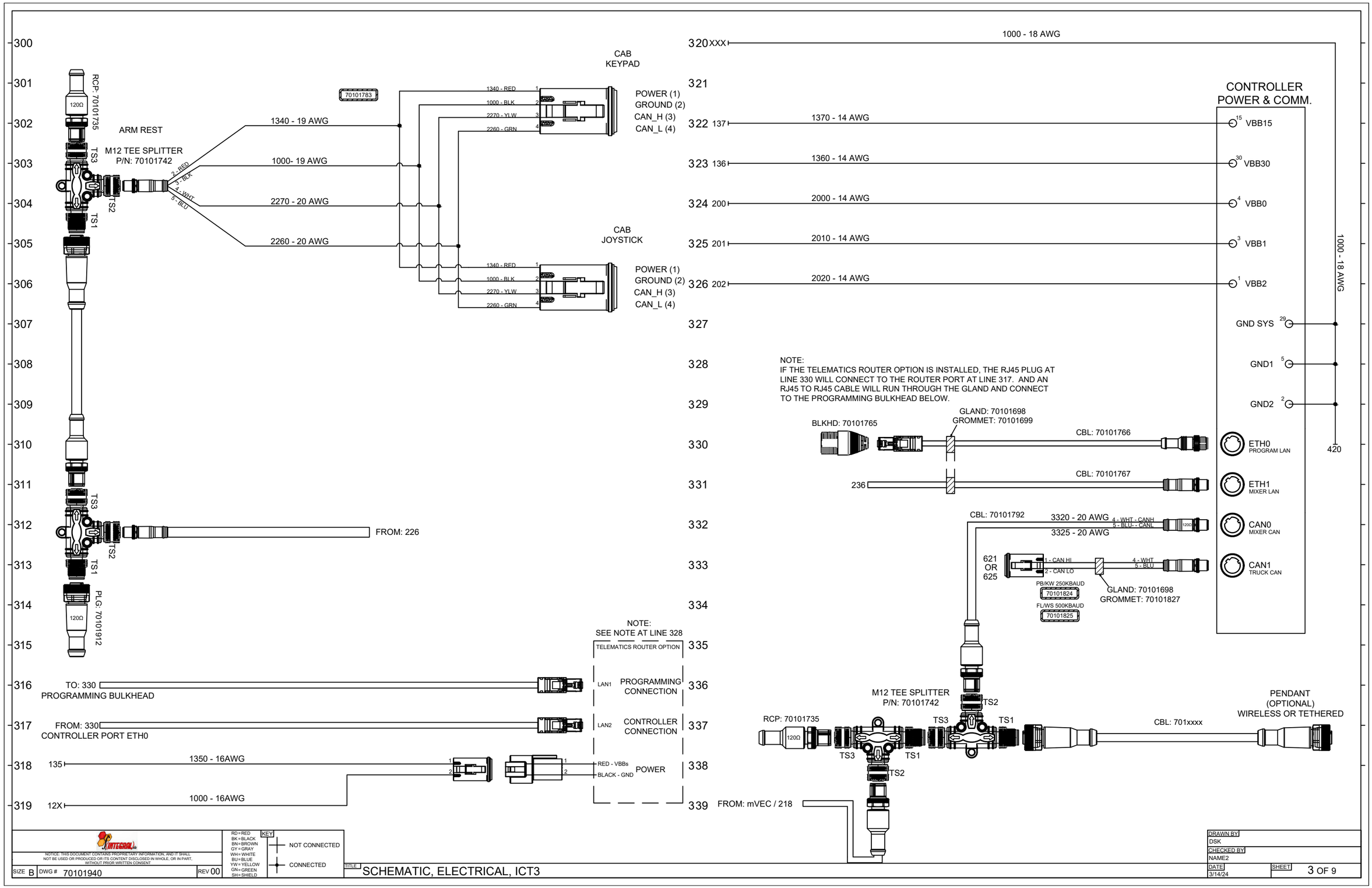
KEY: RD=RED, BK=BLACK, BN=BROWN, GY=GRAY, WH=WHITE, BU=BLUE, YW=YELLOW, GN=GREEN, SH=SHIELD
NOT CONNECTED
CONNECTED

SIZE B | DWG # 70101940 | REV 00

TITLE: SCHEMATIC, ELECTRICAL, ICT3

DRAWN BY: DSK
CHECKED BY: NAME2
DATE: 3/14/24
SHEET: 2 OF 9

70101940 - Electrical Schematic Results (3 of 8)



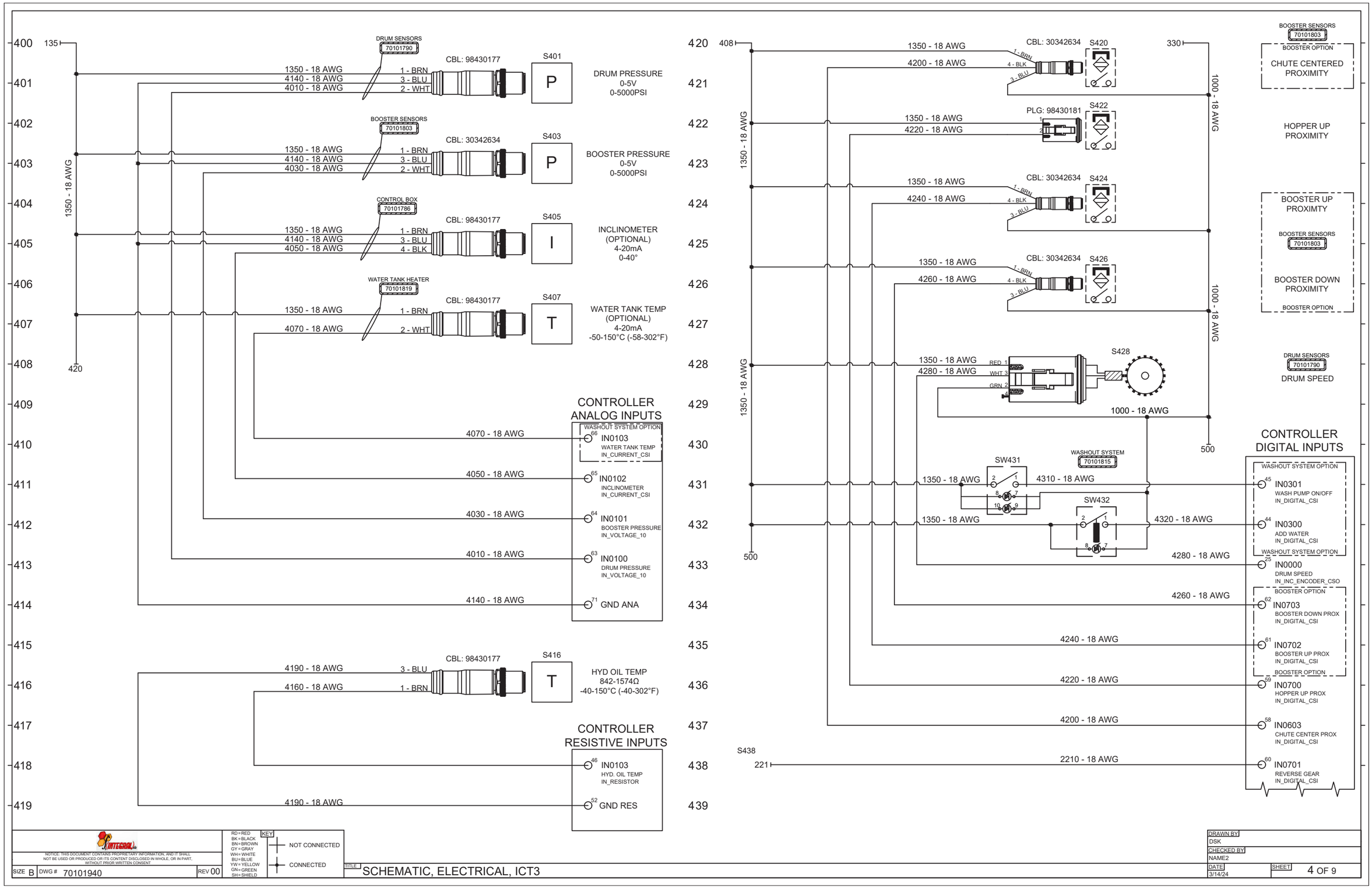
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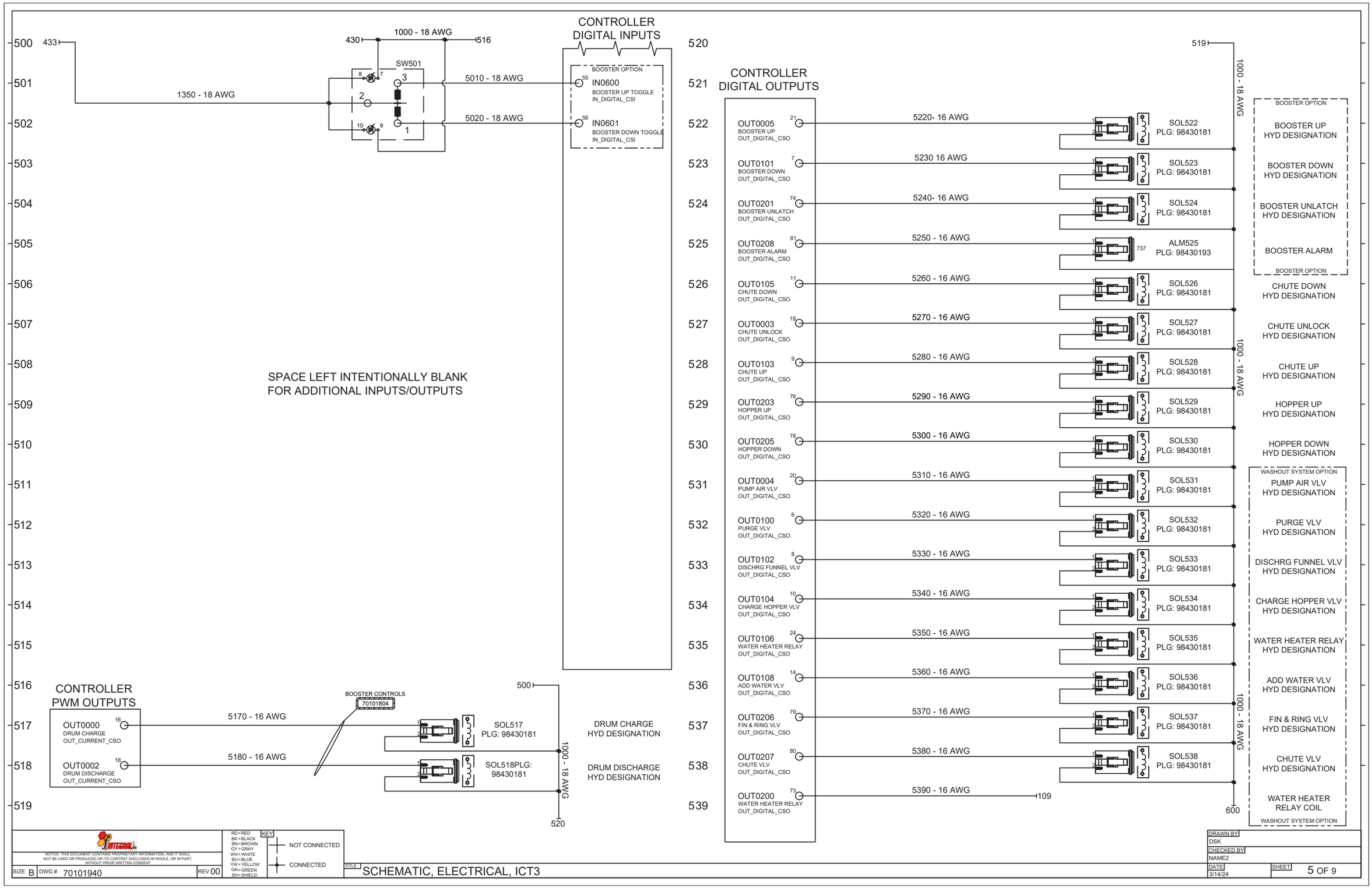
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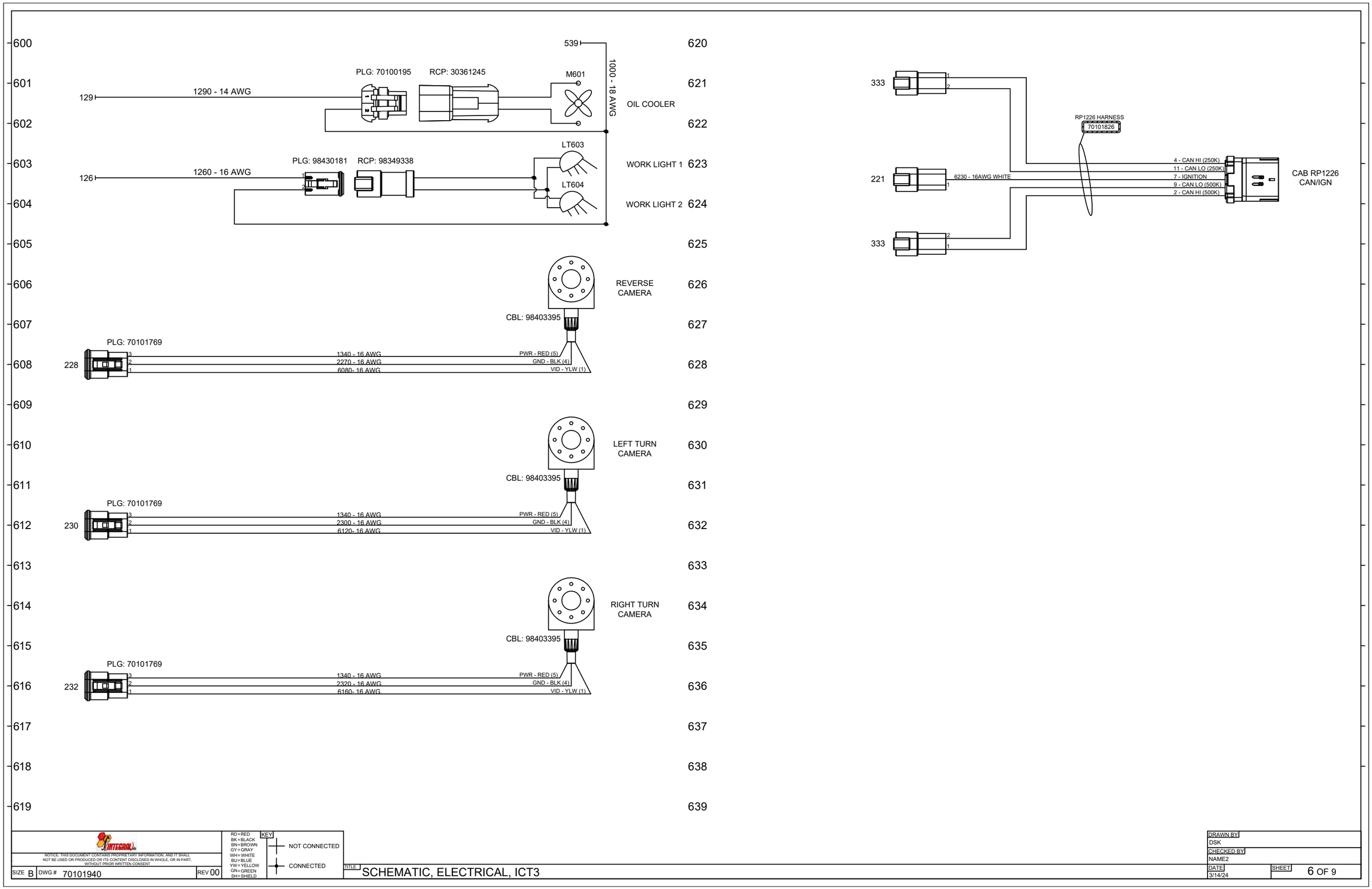
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TITLE: SCHEMATIC, ELECTRICAL, ICT3

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SHEET: 3 OF 9


DRUM SENSORS
70101790
CBL: 98430177
S401
1350 - 18 AWG
4140 - 18 AWG
4010 - 18 AWG
1 - BRN
3 - BLU
2 - WHT
P
DRUM PRESSURE
0-5V
0-5000PSI
BOOSTER SENSORS
70101803
CBL: 30342634
S403
1350 - 18 AWG
4140 - 18 AWG
4030 - 18 AWG
1 - BRN
3 - BLU
2 - WHT
P
BOOSTER PRESSURE
0-5V
0-5000PSI
CONTROL BOX
70101786
CBL: 98430177
S405
1350 - 18 AWG
4140 - 18 AWG
4050 - 18 AWG
1 - BRN
3 - BLU
4 - BLK
I
INCLINOMETER
(OPTIONAL)
4-20mA
0-40°
WATER TANK HEATER
70101819
CBL: 98430177
S407
1350 - 18 AWG
4070 - 18 AWG
1 - BRN
2 - WHT
T
WATER TANK TEMP
(OPTIONAL)
4-20mA
-50-150°C (-58-302°F)
CONTROLLER
ANALOG INPUTS
WASHOUT SYSTEM OPTION
66 IN0103 WATER TANK TEMP IN_CURRENT_CSI
65 IN0102 INCLINOMETER IN_CURRENT_CSI
64 IN0101 BOOSTER PRESSURE IN_VOLTAGE_10
63 IN0100 DRUM PRESSURE IN_VOLTAGE_10
71 GND ANA
S416
CBL: 98430177
4190 - 18 AWG
4160 - 18 AWG
3 - BLU
1 - BRN
T
HYD OIL TEMP
842-1574Ω
-40-150°C (-40-302°F)
CONTROLLER
RESISTIVE INPUTS
46 IN0103 HYD. OIL TEMP IN_RESISTOR
52 GND RES
S420
CBL: 30342634
1350 - 18 AWG
4200 - 18 AWG
1 - BRN
4 - BLK
3 - BLU
S422
PLG: 98430181
1350 - 18 AWG
4220 - 18 AWG
S424
CBL: 30342634
1350 - 18 AWG
4240 - 18 AWG
S426
CBL: 30342634
1350 - 18 AWG
4260 - 18 AWG
S428
1350 - 18 AWG
4280 - 18 AWG
RED 1
WHT 3
GRN 2
1000 - 18 AWG
500
SW431
SW432
WASHOUT SYSTEM
70101815
1350 - 18 AWG
4310 - 18 AWG
4320 - 18 AWG
BOOSTER SENSORS
70101803
BOOSTER OPTION
CHUTE CENTERED PROXIMITY
HOPPER UP PROXIMITY
BOOSTER UP PROXIMTY
BOOSTER SENSORS
70101803
BOOSTER DOWN PROXIMITY
BOOSTER OPTION
DRUM SENSORS
70101790
DRUM SPEED
CONTROLLER
DIGITAL INPUTS
WASHOUT SYSTEM OPTION
45 IN0301 WASH PUMP ON/OFF IN_DIGITAL_CSI
44 IN0300 ADD WATER IN_DIGITAL_CSI
WASHOUT SYSTEM OPTION
25 IN0000 DRUM SPEED IN_INC_ENCODER_CSO
BOOSTER OPTION
62 IN0703 BOOSTER DOWN PROX IN_DIGITAL_CSI
61 IN0702 BOOSTER UP PROX IN_DIGITAL_CSI
BOOSTER OPTION
59 IN0700 HOPPER UP PROX IN_DIGITAL_CSI
58 IN0603 CHUTE CENTER PROX IN_DIGITAL_CSI
S438
221
2210 - 18 AWG
60 IN0701 REVERSE GEAR IN_DIGITAL_CSI
RD = RED
BK = BLACK
BN = BROWN
GY = GRAY
WH = WHITE
BU = BLUE
YW = YELLOW
GN = GREEN
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4 OF 9


CONTROLLER DIGITAL INPUTS
1000 - 18 AWG
430
516
SW501
433
1350 - 18 AWG
5010 - 18 AWG
5020 - 18 AWG
BOOSTER OPTION
IN0600
BOOSTER UP TOGGLE IN_DIGITAL_CSI
IN0601
BOOSTER DOWN TOGGLE IN_DIGITAL_CSI
SPACE LEFT INTENTIONALLY BLANK FOR ADDITIONAL INPUTS/OUTPUTS
CONTROLLER PWM OUTPUTS
BOOSTER CONTROLS
70101804
OUT0000
DRUM CHARGE
OUT_CURRENT_CSO
OUT0002
DRUM DISCHARGE
OUT_CURRENT_CSO
5170 - 16 AWG
5180 - 16 AWG
SOL517 PLG: 98430181
SOL518PLG: 98430181
500
520
1000 - 18 AWG
DRUM CHARGE HYD DESIGNATION
DRUM DISCHARGE HYD DESIGNATION
CONTROLLER DIGITAL OUTPUTS
OUT0005 BOOSTER UP OUT_DIGITAL_CSO
OUT0101 BOOSTER DOWN OUT_DIGITAL_CSO
OUT0201 BOOSTER UNLATCH OUT_DIGITAL_CSO
OUT0208 BOOSTER ALARM OUT_DIGITAL_CSO
OUT0105 CHUTE DOWN OUT_DIGITAL_CSO
OUT0003 CHUTE UNLOCK OUT_DIGITAL_CSO
OUT0103 CHUTE UP OUT_DIGITAL_CSO
OUT0203 HOPPER UP OUT_DIGITAL_CSO
OUT0205 HOPPER DOWN OUT_DIGITAL_CSO
OUT0004 PUMP AIR VLV OUT_DIGITAL_CSO
OUT0100 PURGE VLV OUT_DIGITAL_CSO
OUT0102 DISCHRG FUNNEL VLV OUT_DIGITAL_CSO
OUT0104 CHARGE HOPPER VLV OUT_DIGITAL_CSO
OUT0106 WATER HEATER RELAY OUT_DIGITAL_CSO
OUT0108 ADD WATER VLV OUT_DIGITAL_CSO
OUT0206 FIN & RING VLV OUT_DIGITAL_CSO
OUT0207 CHUTE VLV OUT_DIGITAL_CSO
OUT0200 WATER HEATER RELAY OUT_DIGITAL_CSO
5220- 16 AWG
5230 16 AWG
5240- 16 AWG
5250 - 16 AWG
5260 - 16 AWG
5270 - 16 AWG
5280 - 16 AWG
5290 - 16 AWG
5300 - 16 AWG
5310 - 16 AWG
5320 - 16 AWG
5330 - 16 AWG
5340 - 16 AWG
5350 - 16 AWG
5360 - 16 AWG
5370 - 16 AWG
5380 - 16 AWG
5390 - 16 AWG
109
519
600
SOL522 PLG: 98430181
SOL523 PLG: 98430181
SOL524 PLG: 98430181
ALM525 PLG: 98430193
SOL526 PLG: 98430181
SOL527 PLG: 98430181
SOL528 PLG: 98430181
SOL529 PLG: 98430181
SOL530 PLG: 98430181
SOL531 PLG: 98430181
SOL532 PLG: 98430181
SOL533 PLG: 98430181
SOL534 PLG: 98430181
SOL535 PLG: 98430181
SOL536 PLG: 98430181
SOL537 PLG: 98430181
SOL538 PLG: 98430181
BOOSTER OPTION
BOOSTER UP HYD DESIGNATION
BOOSTER DOWN HYD DESIGNATION
BOOSTER UNLATCH HYD DESIGNATION
BOOSTER ALARM
CHUTE DOWN HYD DESIGNATION
CHUTE UNLOCK HYD DESIGNATION
CHUTE UP HYD DESIGNATION
HOPPER UP HYD DESIGNATION
HOPPER DOWN HYD DESIGNATION
WASHOUT SYSTEM OPTION
PUMP AIR VLV HYD DESIGNATION
PURGE VLV HYD DESIGNATION
DISCHRG FUNNEL VLV HYD DESIGNATION
CHARGE HOPPER VLV HYD DESIGNATION
WATER HEATER RELAY HYD DESIGNATION
ADD WATER VLV HYD DESIGNATION
FIN & RING VLV HYD DESIGNATION
CHUTE VLV HYD DESIGNATION
WATER HEATER RELAY COIL
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5 OF 9


600
601
602
603
604
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610
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621
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623
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627
628
629
630
631
632
633
634
635
636
637
638
639
539
1000 - 18 AWG
PLG: 70100195
RCP: 30361245
M601
129
1290 - 14 AWG
OIL COOLER
LT603
PLG: 98430181
RCP: 98349338
126
1260 - 16 AWG
WORK LIGHT 1
LT604
WORK LIGHT 2
REVERSE CAMERA
CBL: 98403395
PLG: 70101769
228
1340 - 16 AWG
2270 - 16 AWG
6080- 16 AWG
PWR - RED (5)
GND - BLK (4)
VID - YLW (1)
LEFT TURN CAMERA
CBL: 98403395
PLG: 70101769
230
1340 - 16 AWG
2300 - 16 AWG
6120- 16 AWG
PWR - RED (5)
GND - BLK (4)
VID - YLW (1)
RIGHT TURN CAMERA
CBL: 98403395
PLG: 70101769
232
1340 - 16 AWG
2320 - 16 AWG
6160- 16 AWG
PWR - RED (5)
GND - BLK (4)
VID - YLW (1)
333
221
6230 - 16AWG WHITE
333
RP1226 HARNESS
70101826
4 - CAN HI (250K)
11 - CAN LO (250K)
7 - IGNITION
9 - CAN LO (500K)
2 - CAN HI (500K)
CAB RP1226 CAN/IGN
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6 OF 9

NOTE:
REPRESENTATIVE OF 70100849
BSTR, JUNCTION BOX ASSEMBLY

GROUND		
TRUCK	WIRE COLOR/ LABEL	PIN #
KENWORTH	WHITE	F
PETERBILT	WHITE	E
FREIGHTLINER	"GND"	K
WESTERN STAR		

DRIVER/PASSENGER SIDE SIGNAL		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	YELLOW	B
PETERBILT	YELLOW	C
FREIGHTLINER	"36Y"	E
WESTERN STAR		

DRIVER/PASSENGER SIDE SIGNAL		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	GREEN	C
PETERBILT	GREEN	D
FREIGHTLINER	"36Z"	F
WESTERN STAR		

RUNNING LIGHTS		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	BROWN	A
PETERBILT	GREY	B
FREIGHTLINER	"23W"	D
WESTERN STAR		

REVERSE LIGHTS		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	BLUE	D
PETERBILT	BLUE	A
FREIGHTLINER	"120K"	G
WESTERN STAR		

TERMINALS:
#10 STUD
30305266 - 14-16AWG
70100809 - 10-12AWG

TRUCK LIGHTING
JUNCTION BOX
DRIVER'S SIDE

WHITE #6010
BLACK
YELLOW #6030
RED
GREEN #6050
BROWN #6060
BLUE #6070

FENDER LIGHTS LFT
30358382
WHT A
RED C
RWN D
BLU B
700

70100537
TAIL LIGHTS LFT
WHT E
YLW C
RWN D
BLU A

720
WHT A
YLW C
RWN D
GRN B
30389128
BOOSTER TAIL LIGHTS

98404102

TRUCK LIGHTING
JUNCTION BOX
PASSENGER'S SIDE

WHITE #6010
BLACK
YELLOW
RED
GREEN #6050
BROWN #6060
BLUE #6070

FENDER LIGHTS RT
30358382
WHT A
RED C
RWN D
BLU B
700

HOPPER LIGHTS
30389346
WHT I729
BLK I728
WHT I738
BLU I739
30359462
BACKUP ALARM

70100537
TAIL LIGHTS RT
WHT E
YLW C
BWN B
BLU A

NOTE:
REPRESENTATIVE OF 70100850
JUNCTION BOX WIRING (CONVENTIONAL)

GROUND		
TRUCK	WIRE COLOR/ LABEL	PIN #
KENWORTH	WHITE	F
PETERBILT	WHITE	E
FREIGHTLINER	"GND"	K
WESTERN STAR		

DRIVER/PASSENGER SIDE SIGNAL		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	YELLOW	B
PETERBILT	YELLOW	C
FREIGHTLINER	"36Y"	E
WESTERN STAR		

DRIVER/PASSENGER SIDE SIGNAL		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	GREEN	C
PETERBILT	GREEN	D
FREIGHTLINER	"36Z"	F
WESTERN STAR		

RUNNING LIGHTS		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	BROWN	A
PETERBILT	GREY	B
FREIGHTLINER	"23W"	D
WESTERN STAR		

REVERSE LIGHTS		
TRUCK	WIRE # / COLOR	PIN #
KENWORTH	BLUE	D
PETERBILT	BLUE	A
FREIGHTLINER	"120K"	G
WESTERN STAR		

TERMINALS:
#10 STUD
30305266 - 14-16AWG
70100809 - 10-12AWG

TRUCK LIGHTING
JUNCTION BOX
DRIVER'S SIDE

WHITE #6010
BLACK
YELLOW #6030
RED
GREEN #6050
BROWN #6060
BLUE #6070

FENDER LIGHTS LFT
30358382
WHT A
RED C
RWN D
BLU B
700

70100537
TAIL LIGHTS LFT
WHT E
YLW C
RWN D
BLU A

HOPPER LIGHTS
30389346
WHT I729
BLK I728
WHT I738
BLU I739
30359462
BACKUP ALARM

TAIL LIGHTS RT
70100537
BLU B
BWN D
YLW C
WHT E

BLU B
BWN D
RED C
WHT A
700

30358382
FENDER LIGHTS RT

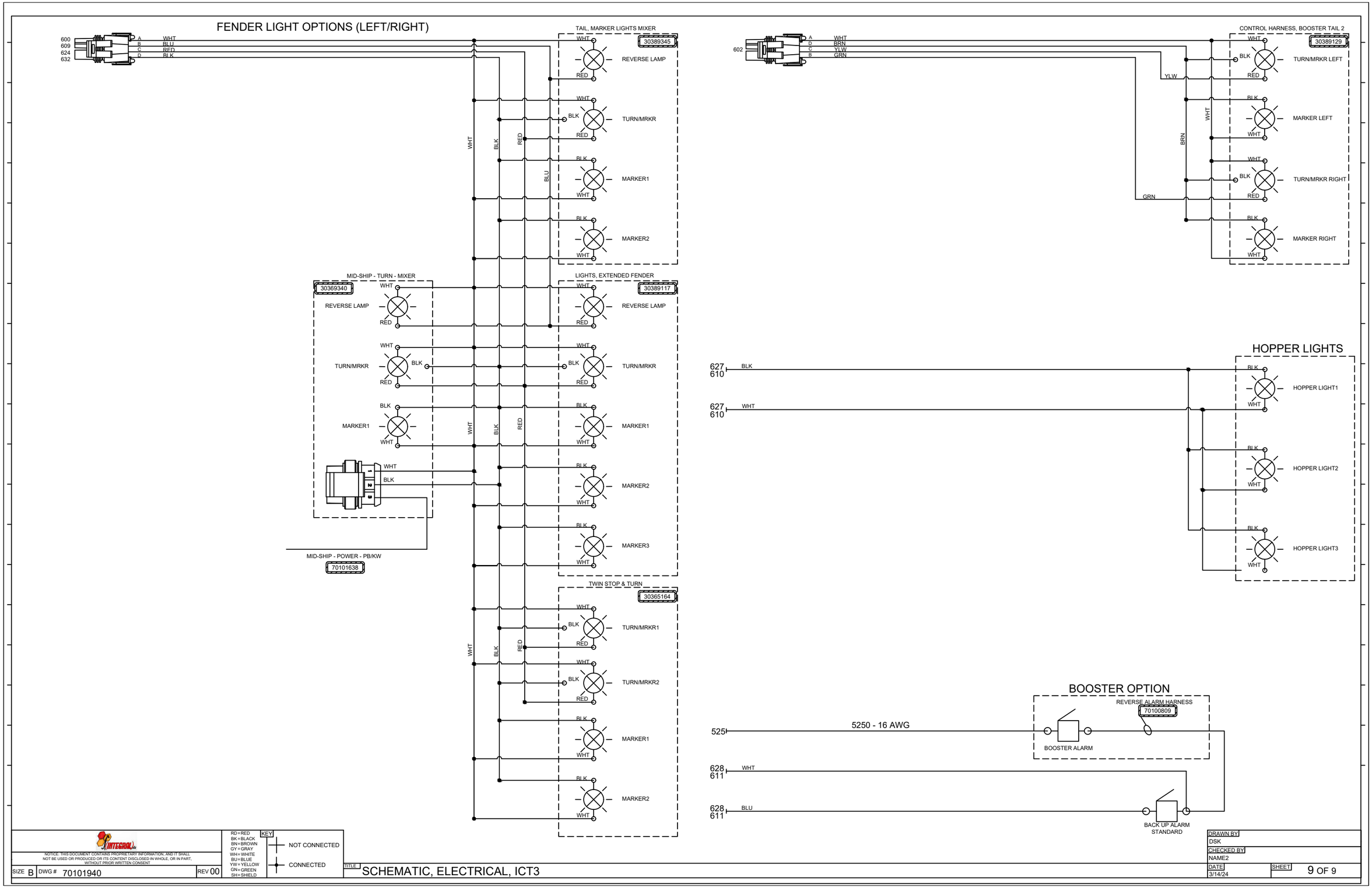
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SIZE B | DWG # 70101940 | REV 00

TITLE: SCHEMATIC, ELECTRICAL, ICT3

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SHEET: 8 OF 9


FENDER LIGHT OPTIONS (LEFT/RIGHT)
600
609
624
632
A WHT
B BLU
C RED
D BLK
TAIL, MARKER LIGHTS MIXER
30389345
REVERSE LAMP
TURN/MRKR
MARKER1
MARKER2
MID-SHIP - TURN - MIXER
30369340
REVERSE LAMP
TURN/MRKR
MARKER1
MID-SHIP - POWER - PB/KW
70101638
LIGHTS, EXTENDED FENDER
30389117
REVERSE LAMP
TURN/MRKR
MARKER1
MARKER2
MARKER3
TWIN STOP & TURN
30365164
TURN/MRKR1
TURN/MRKR2
MARKER1
MARKER2
602
A WHT
D BRN
C YLW
B GRN
CONTROL HARNESS, BOOSTER TAIL 2
30389129
TURN/MRKR LEFT
MARKER LEFT
TURN/MRKR RIGHT
MARKER RIGHT
HOPPER LIGHTS
627
610
BLK
WHT
HOPPER LIGHT1
HOPPER LIGHT2
HOPPER LIGHT3
BOOSTER OPTION
REVERSE ALARM HARNESS
70100809
525
5250 - 16 AWG
BOOSTER ALARM
628
611
WHT
BLU
BACK UP ALARM
STANDARD
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