

CAUTION

**PLEASE CONTACT CURRY
SUPPLY COMPANY BEFORE
ATTEMPTING ANY CHANGES TO
THE ELECTRICAL SYSTEMS.
DOING SO MAY CAUSE
EQUIPMENT DAMAGE OR VOID
WARRANTY.**

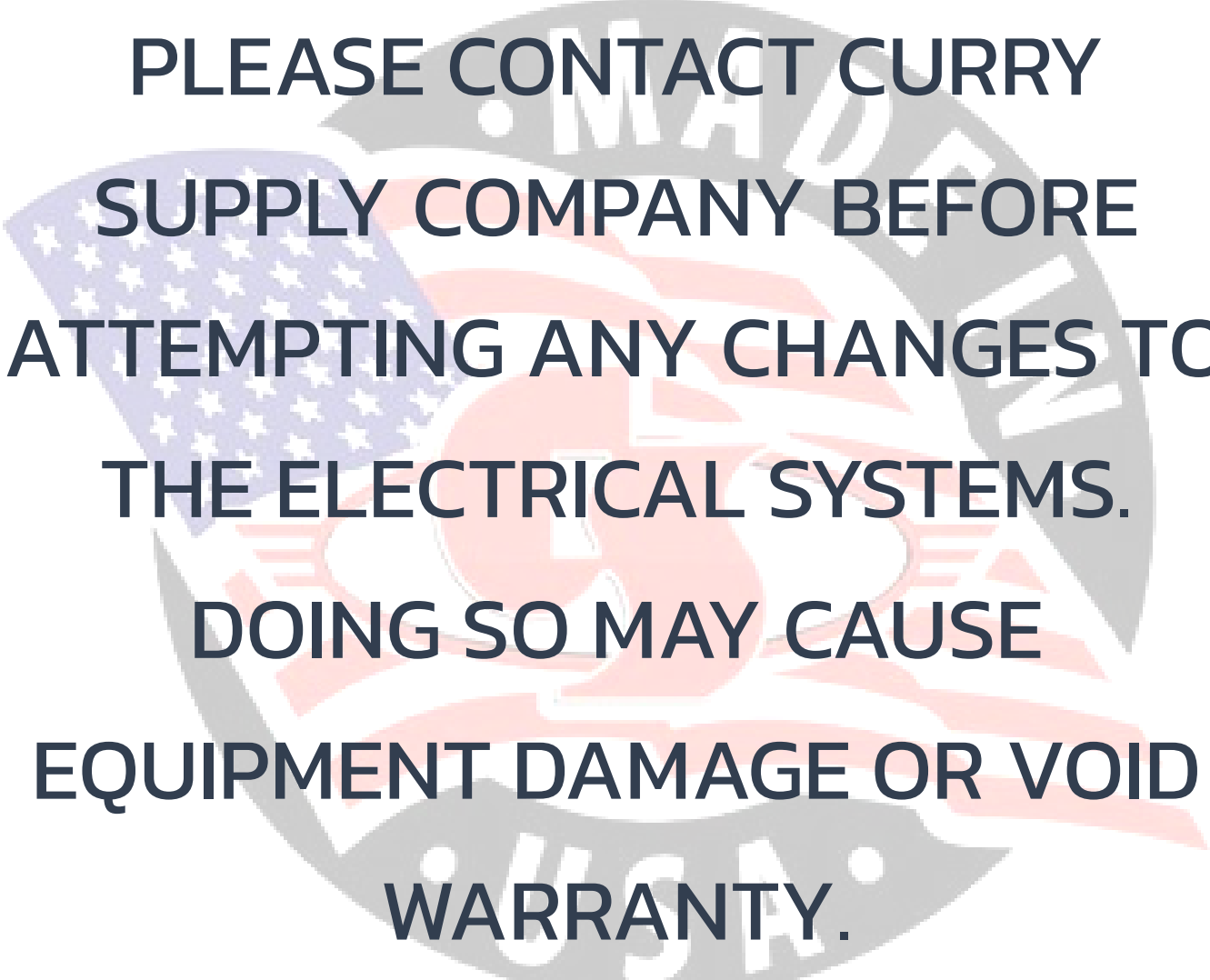


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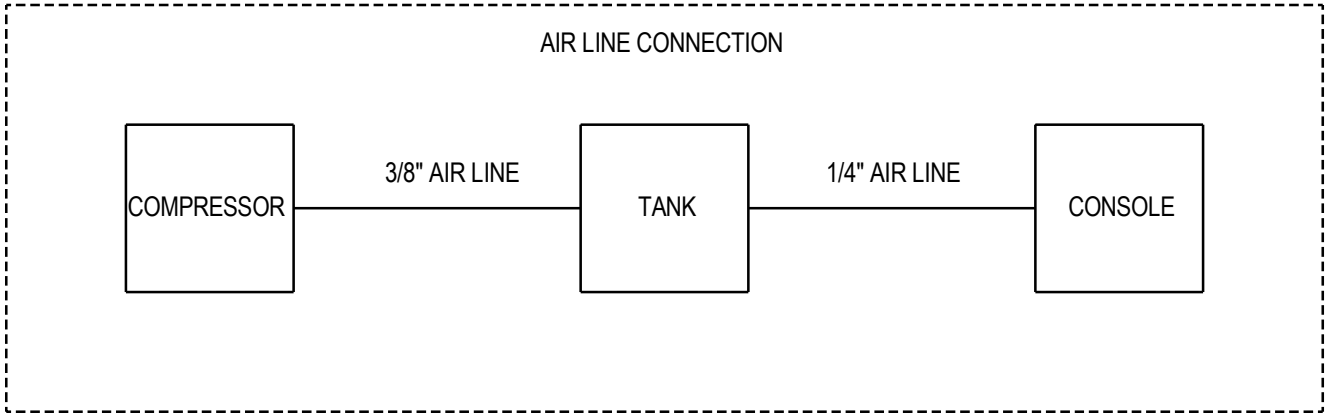
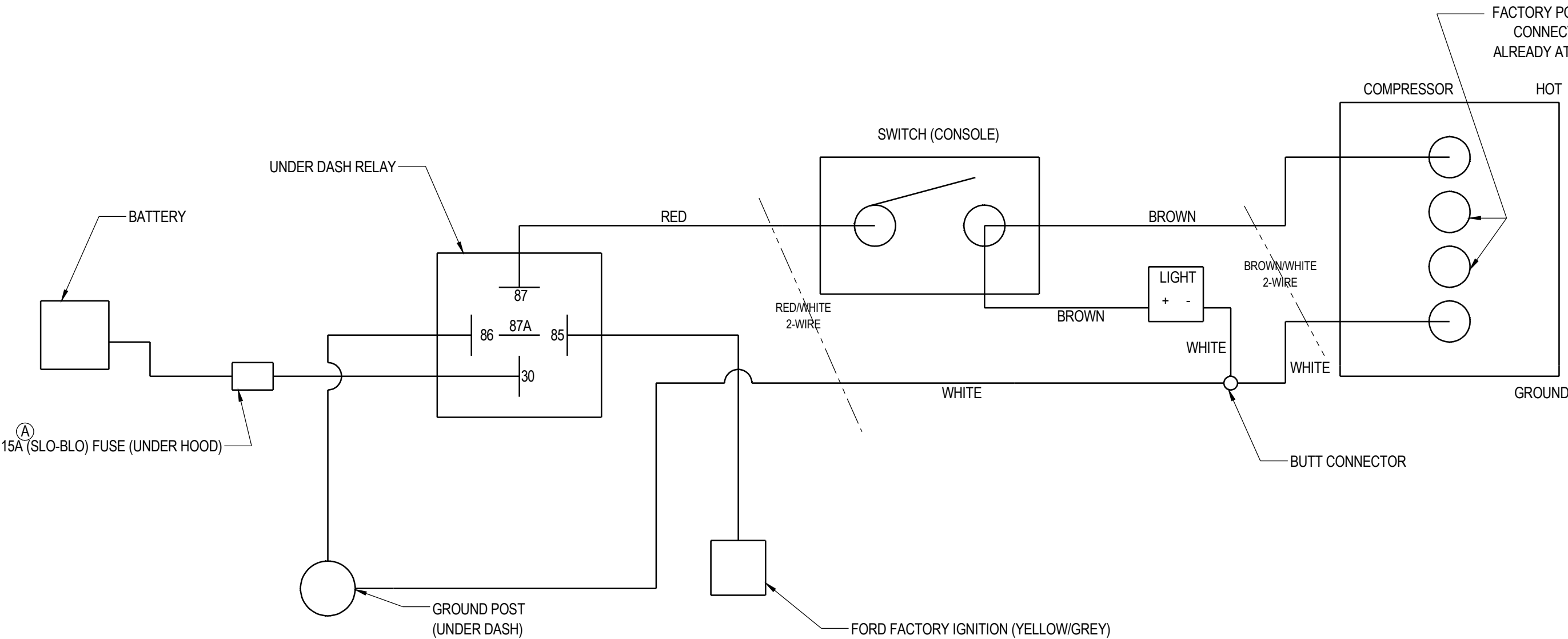
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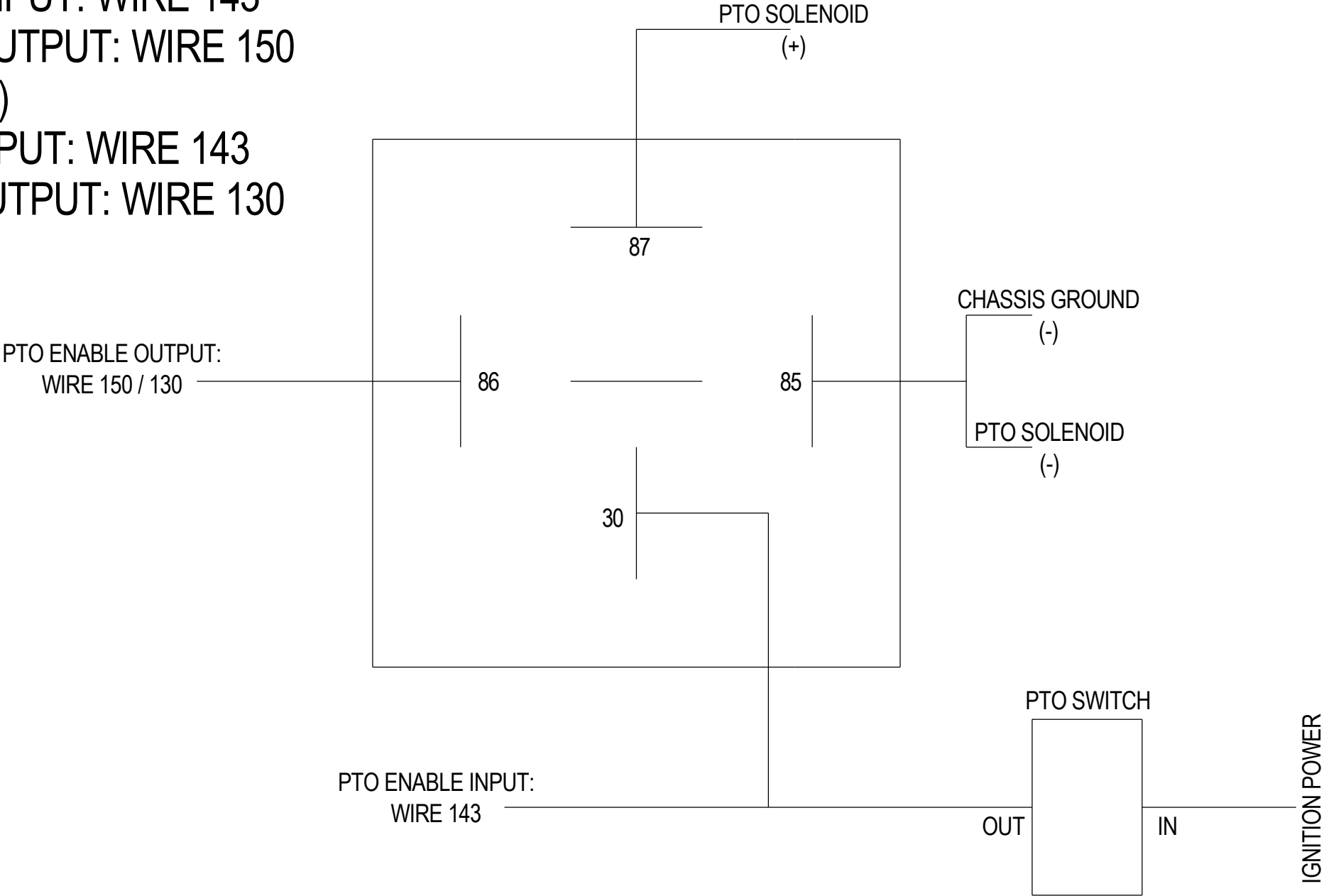


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JOB NUMBER		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Curry Supply Co. TITLE: ON ROAD WATER AIR COMPRESSOR WIRING/AIR CONNECTION	
DRAWING NO.		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/8"$ ANGULAR: MACH $\pm$ BEND ± 1 TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$		MODEL BY:	MLC		
QUANTITY		INTERPRET GEOMETRIC TOLERANCING PER:		DRAWN BY:			
CUSTOMER		MATERIAL		ENG APPR.			
DESIGN STATUS		Process		MFG APPR.		COMMENTS:	
THICKNESS		DO NOT SCALE DRAWING		Q.A.			
UNITS						SIZE B	PART NO. 1630-1900
APPLICATION						REV	
						SHEET 1 OF 1	

1000/2000 SERIES (2K)
12 PIN CONNECTOR
INPUT: WIRE 143
OUTPUT: WIRE 150

3000/4000 SERIES (2K / 4K)
12 PIN CONNECTOR
INPUT: WIRE 143
OUTPUT: WIRE 130



NOTE: RELAY IS MOUNTED UNDER THE HOOD ON THE FIREWALL.

CONTROLLED DOCUMENT

ENGINEER:	
DATE:	

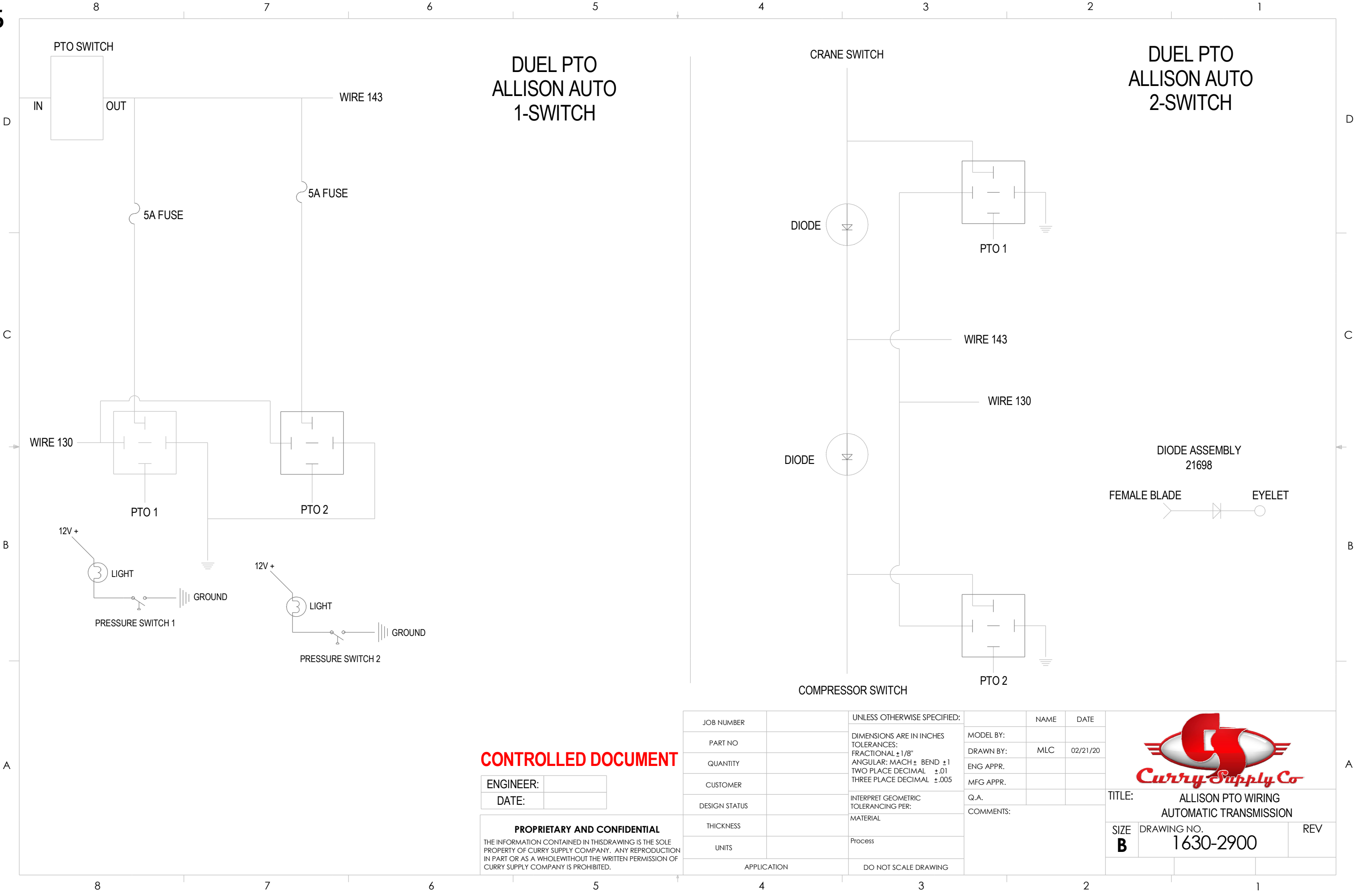
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JOB NUMBER		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
PART NO.		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/8" ANGULAR: MACH ± BEND ± 1° TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005	MODEL BY:		
QUANTITY			DRAWN BY:	MLC	02/19/20
CUSTOMER			ENG APPR.		
DESIGN STATUS		ALL TOLERANCES ARE ± 1/8" UNLESS NOTED.	MFG APPR.		
THICKNESS		MATERIAL	Q.A.		
UNITS		Process	COMMENTS:		
APPLICATION		DO NOT SCALE DRAWING			



TITLE: PTO WIRING, ALLISON TRANSMISSION, WATER TRUCK		
SIZE A	DRAWING NO. 1630-2900	REV
		SHEET 1 OF 2

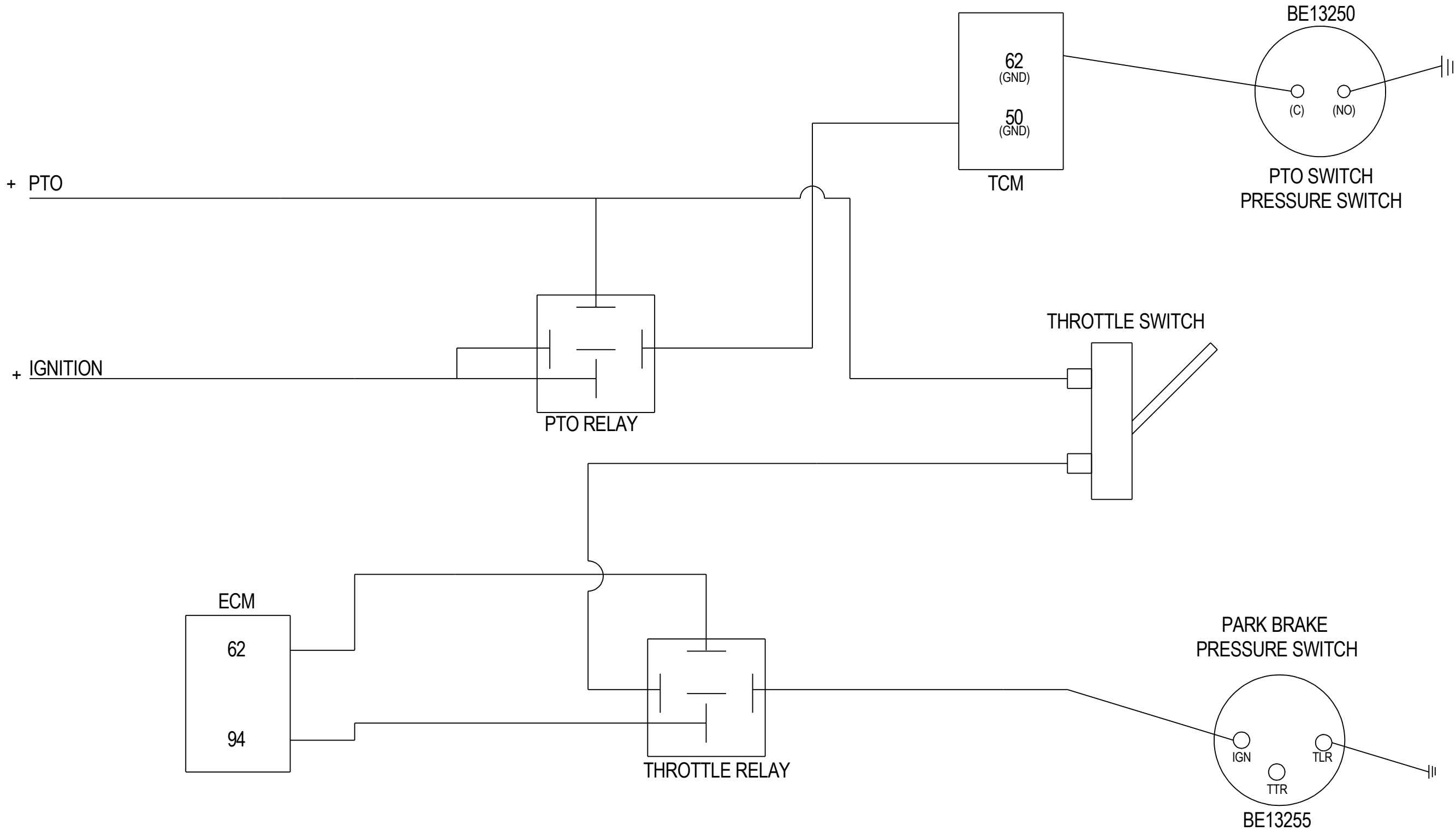


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DATE:	

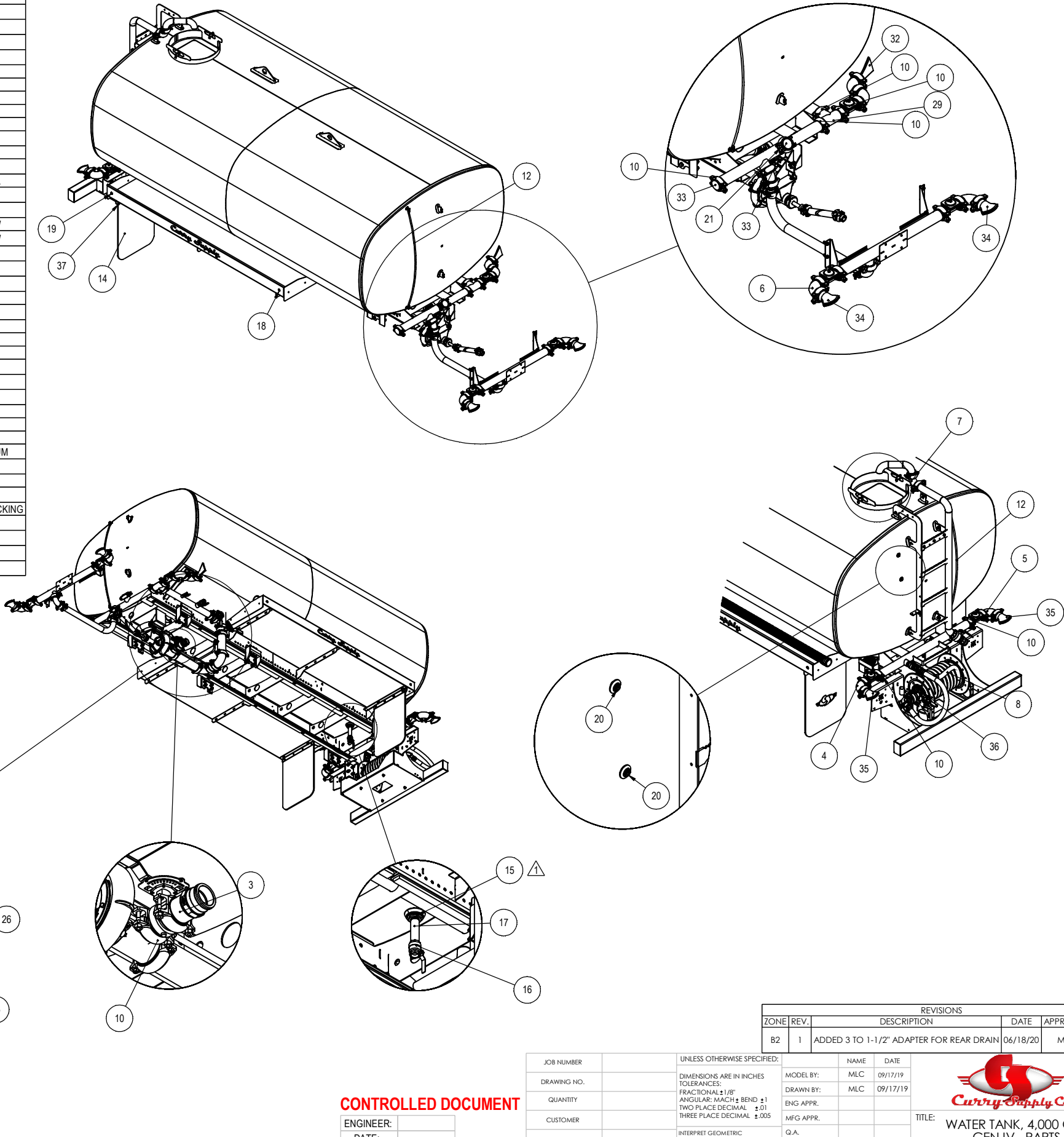
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JOB NUMBER		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	 TITLE: ALLISON PTO WIRING AUTOMATIC TRANSMISSION
PART NO		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL $\pm 1/8"$ ANGULAR: MACH $\pm$ BEND ± 1 TWO PLACE DECIMAL $\pm .01$ THREE PLACE DECIMAL $\pm .005$	MODEL BY:	MLC	02/21/20	
QUANTITY			DRAWN BY:			
CUSTOMER			ENG APPR.			
DESIGN STATUS			MFG APPR.			
THICKNESS		INTERPRET GEOMETRIC TOLERANCING PER: MATERIAL	Q.A.			SIZE B
UNITS		Process	COMMENTS:			
APPLICATION		DO NOT SCALE DRAWING				DRAWING NO. 1630-2900
						REV



PART NO.		NAME		DATE			
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/8" ANGULAR: ± 1° TWO PLACE DECIMAL ±.01" THREE PLACE DECIMAL ±.005"		MODEL BY:	LS	8/16/2022			
		DRAWN BY:	LS	8/16/2022			
		MATERIAL					
		PROCESS				TITLE: Mack Water, Stationary Throttle	
		THICKNESS					
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		DO NOT SCALE DRAWING		SCALE: 1:2		WEIGHT:	SHEET 1 OF 1

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
1	1	1815-2000	TANK ASSEMBLY, 4,000 GAL.
2	1	1622-1100	ASSEMBLY, SIDE HOSE VALVING, ON ROAD WATER
3	1	1622-1500	ASSEMBLY, CREEK FILL COMPONENTS
4	1	1622-3100	SPRAY ASSEMBLY, BACK LEFT/FRONT RIGHT
5	1	1622-3200	SPRAY ASSEMBLY, BACK RIGHT/FRONT LEFT
6	1	1622-4000	FRONT SPRAY ASSEMBLY
7	1	1622-5000	LADDER/TANK FILL ASSEMBLY
8	1	1622-6000	REEL COMPONENT ASSEMBLY
9	1	1622-8000	ASSEMBLY, SHAFT DRIVE, PUMP MOUNT
10	8	GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE
11	1	MBV-MF-04-04	BALL VALVE, MINI, 1/4"
12	2	CW-0-TL-01	WATER LEVEL INDICATOR, CUT TO FIT
13	1	CW-0-BP-01	HOSE ASSEMBLY, PUMP PRESSURE BY PASS
14	2	B36LC-1	MUDFLAP, 36", RUBBER,
15	1	44605K731	FITTING, PIPE, REDUCER, 3" MP - 1-1/2" FP, CAST STEEL
16	1	HBV150	VALVE, BALL, 1-1/2", BRASS
17	1	1584-0003	NIPPLE, 1-1/2" X 8", THREADED ENDS
18	2	33075Y	LIGHT, 33 SERIES, MINI LED, W/ GROMMET KIT, YELLOW
19	2	33075R	LIGHT, 33 SERIES, MINI LED, W/ GROMMET KIT, YELLOW
20	2	0134296	PLUG, 1/2", HEX, STEEL
21	4	GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE
22	1	CW-0-3H-01	HOSE, PRESSURE, 3IN, PUMP TO TANK
23	2	GV-90-4	4" VIC ELBOW, 90 DEG
24	6	GV-4-CP-F-N	CLAMP, 4", FLEXIBLE, VICTAULIC GROOVED
25	2	GV-4-CP-RZF-N	CLAMP, 4", ZERO FLEX, VICTAULIC GROOVE
26	1	BFV-B-GVNL4-GY	4" BUTTERFLY VALVE
27	1	GV-TEE-R4X4X3P	TEE, REDUCING 4X4X3", GROOVED
28	1	2404-8-8	FITTING, 1/2" MJ - 1/2" MP, STEEL
29	1	GV-TEE-3STDR-P	TEE, 3", VIC GROOVE, LONG
30	1	BFV-B-GVNL3-GY	BUTTERFLY VALVE, 3", GROOVED ENDS
31	1	GV-3-2.5-RCP-N	CLAMP, 3" - 2-1/2", REDUCING
32	1	1622-7100	ASSEMBLY, SIDE SPRAY, LH SIDE CONFIGURATION
33	2	GV-CAP-3-STEEL	CAP, 3", VIC CLAMP, STEEL
34	2	BC2178	3" FLUSHER NOZZLE 3/32" X 7" SLOT, GROOVED ALUMINUM
35	2	BC2384	3" SPRAY HEAD 1/4" X 5" SLOT, GROOVED ALUMINUM
36	1	7528-19-21-10.5 LT	REEL, HEAVY DUTY, MANUAL REWIND, 1" - 1-1/2" HOSE
37	2	1164-0003	MUD FLAP BRACKET
38	1	DUMMY-PUMP-NO	PUMP, WATER, COUNTER CLOCKWISE ROTATION, ROPE PACKING
39	120	1485-4-REEL	AIR LINE, 1/2" TUBE, PLASTIC (QTY IN FT)
ITEMS NOT SHOWN			
	1	1622-1300	KIT, SAFETY, WARNING TRIANGLE & FIRE EXT.
	1	WATERTRUCKHOSEKIT	HOSE KIT, CLEAR, 10', MULTI PIECE



CONTROLLED DOCUMENT

ENGINEER: _____
DATE: _____

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JOB NUMBER		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DRAWING NO.		DIMENSIONS ARE IN INCHES	MODEL BY:	MLC 09/17/19
QUANTITY		TOLERANCES:	DRAWN BY:	MLC 09/17/19
CUSTOMER		FRACTIONAL: ±1/8"	ENG APPR.	
DESIGN STATUS		ANGULAR: MACH ± BEND ±1	MFG APPR.	
THICKNESS		TWO PLACE DECIMAL ±.01	Q.A.	
UNITS	in	THREE PLACE DECIMAL ±.005	COMMENTS:	
APPLICATION		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
		Process		
		ASM		
		A		

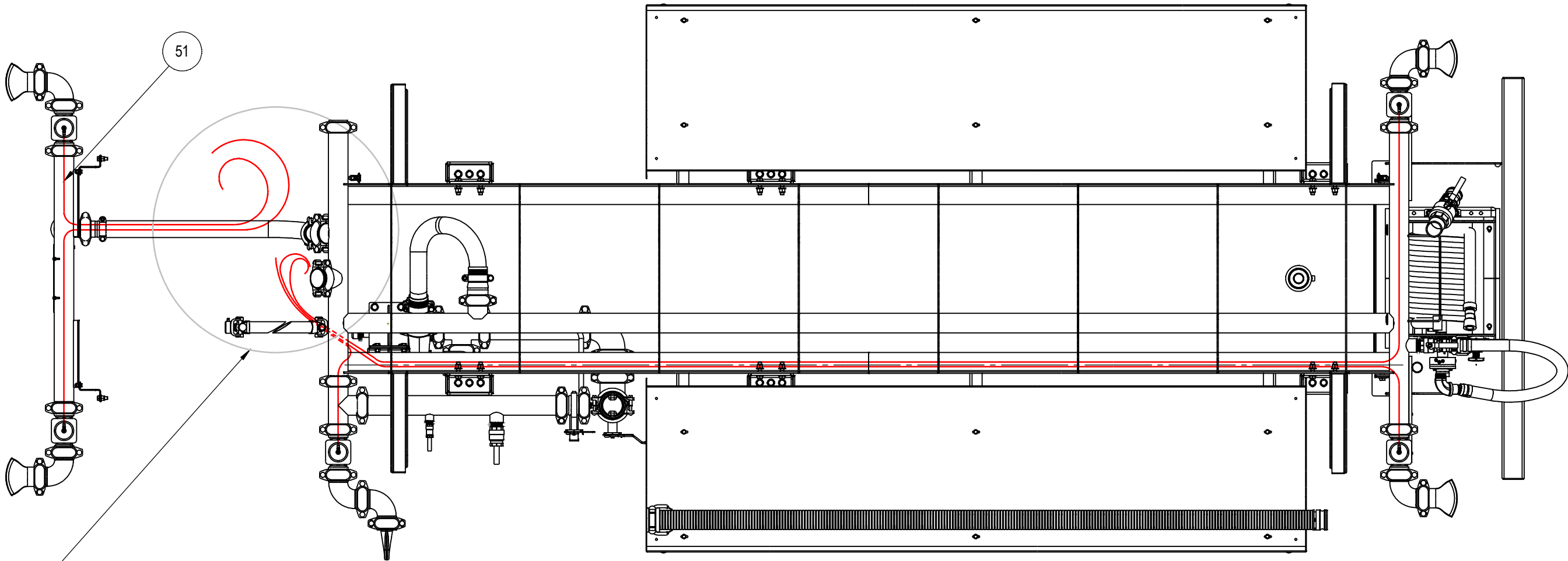
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED ECR #
B2	1	ADDED 3 TO 1-1/2" ADAPTER FOR REAR DRAIN	06/18/20	MLC 1859



TITLE: WATER TANK, 4,000 GAL.
GEN IV - PARTS

SIZE PART NO. REV
C 1815-1000 0

SCALE: 1:96 WEIGHT: 5727.9532 SHEET 1 OF 5



RUN LINES THROUGH THE BOTTOM OF THE CAB INTO THE CONTROL SWITCHES.
NOTE: DIFFERENT CHASSIS MODELS MAY HAVE DIFFERENT SWITCH LOCATIONS.
ENTER THE CAB AT THE BEST LOCATION FOR THE SWITCH LAYOUT THAT DOES
NOT REQUIRE ANY SPLICING..

1/4" AIR LINE DIAGRAM
SECTION L-L
SCALE 1 : 20

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DATE:	

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DRAWING NO.			MODEL BY:	MLC	09/17/19
QUANTITY			DRAWN BY:	MLC	09/17/19
CUSTOMER			ENG APPR.		
DESIGN STATUS			MFG APPR.		
THICKNESS			Q.A.		
UNITS	in		COMMENTS:		
APPLICATION					

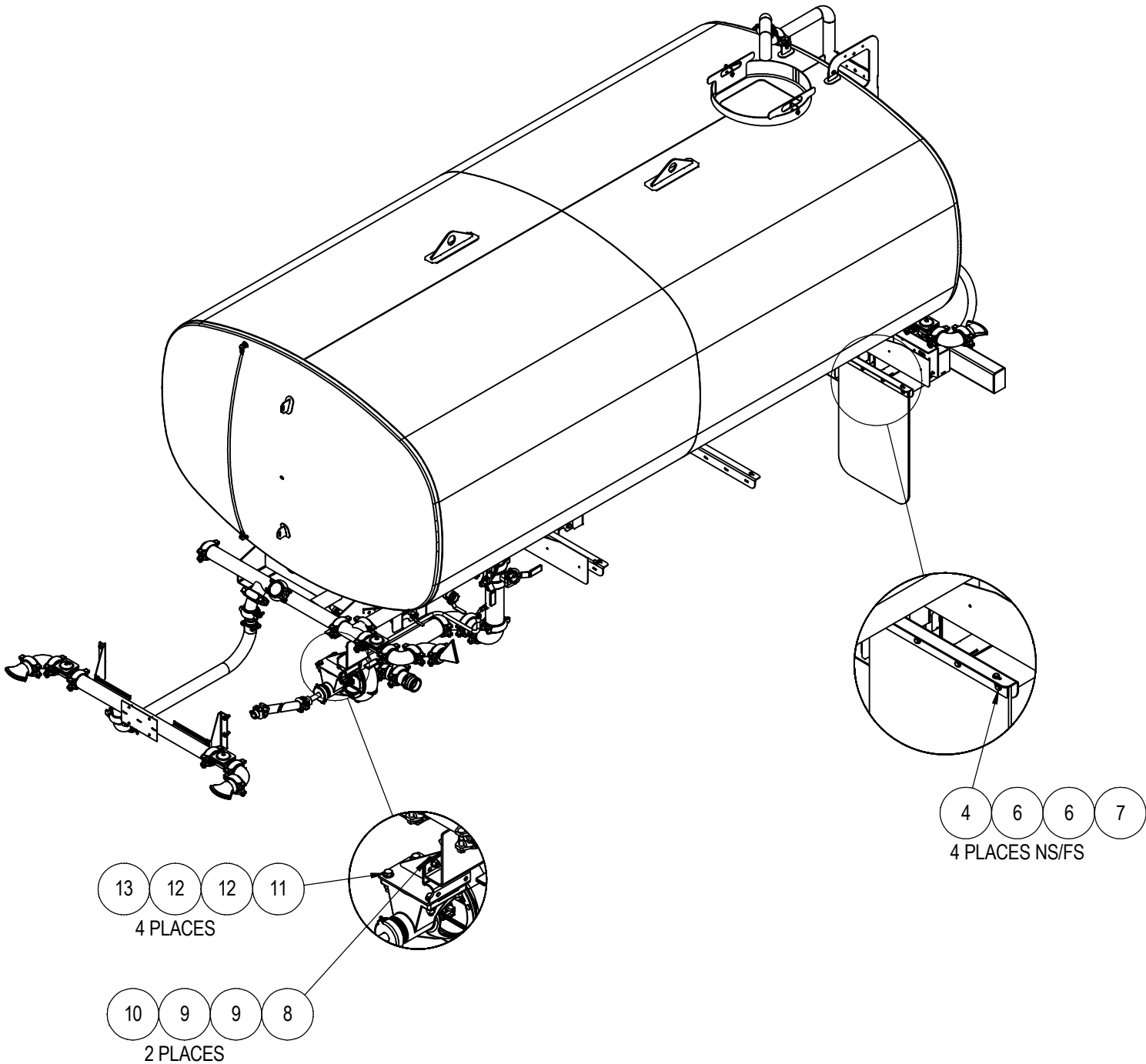
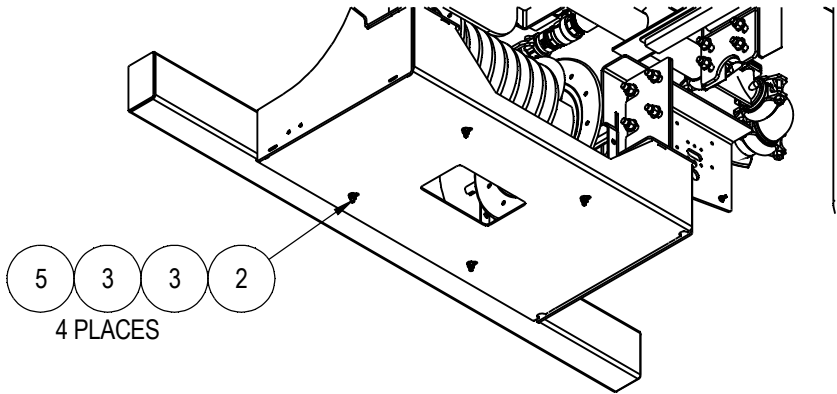


TITLE: WATER TANK, 4,000 GAL.
GEN IV - AIR LINE DIAGRAM

SIZE	PART NO.	REV
B	1815-1000	0

SHEET 2 OF 5

ITEM NO.	QTY	PART NUMBER	DESCRIPTION
2	4	15107	3/8-16 x 1.25" GD 8 Bolt
3	8	33815	WASHER, 3/8" X 13/16" O.D., HARDENED
4	4	70109	BOLT, HEX HD, SS, 3/8-16 X 1-1/2", GR 18-8
5	4	37185	LOCK NUT, 3/8"-16, GR.8, ZINC
6	8	71017	WASHER, SS, 3/8" X 7/8" O.D., GR18-8
7	4	70862	LOCKNUT, HEX HD, SS, 3/8"-16, GR18-8
8	2	15209	BOLT, HEX HD, 1/2"-13 X 1-1/2", GR8
9	4	33817	WASHER, 1/2" X 1-1/16" O.D., HARDENED
10	2	37187	LOCKNUT, HEX HD, 1/2"-13, GR8
11	4	15313	BOLT, HEX HD, 5/8"-11 X 2-1/2", GR.8, ZINC
12	8	33819	WASHER, 5/8" X 1-5/16 O.D., HARDENED
13	4	37272	LOCKNUT, HEX HD, 5/8"-11, GR8
52	2	0134296	PLUG, 1/2", HEX, STEEL
53	1	44605K731	FITTING, PIPE, REDUCER, 3" MP - 1-1/2" FP, CAST STEEL



CONTROLLED DOCUMENT

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DATE:	

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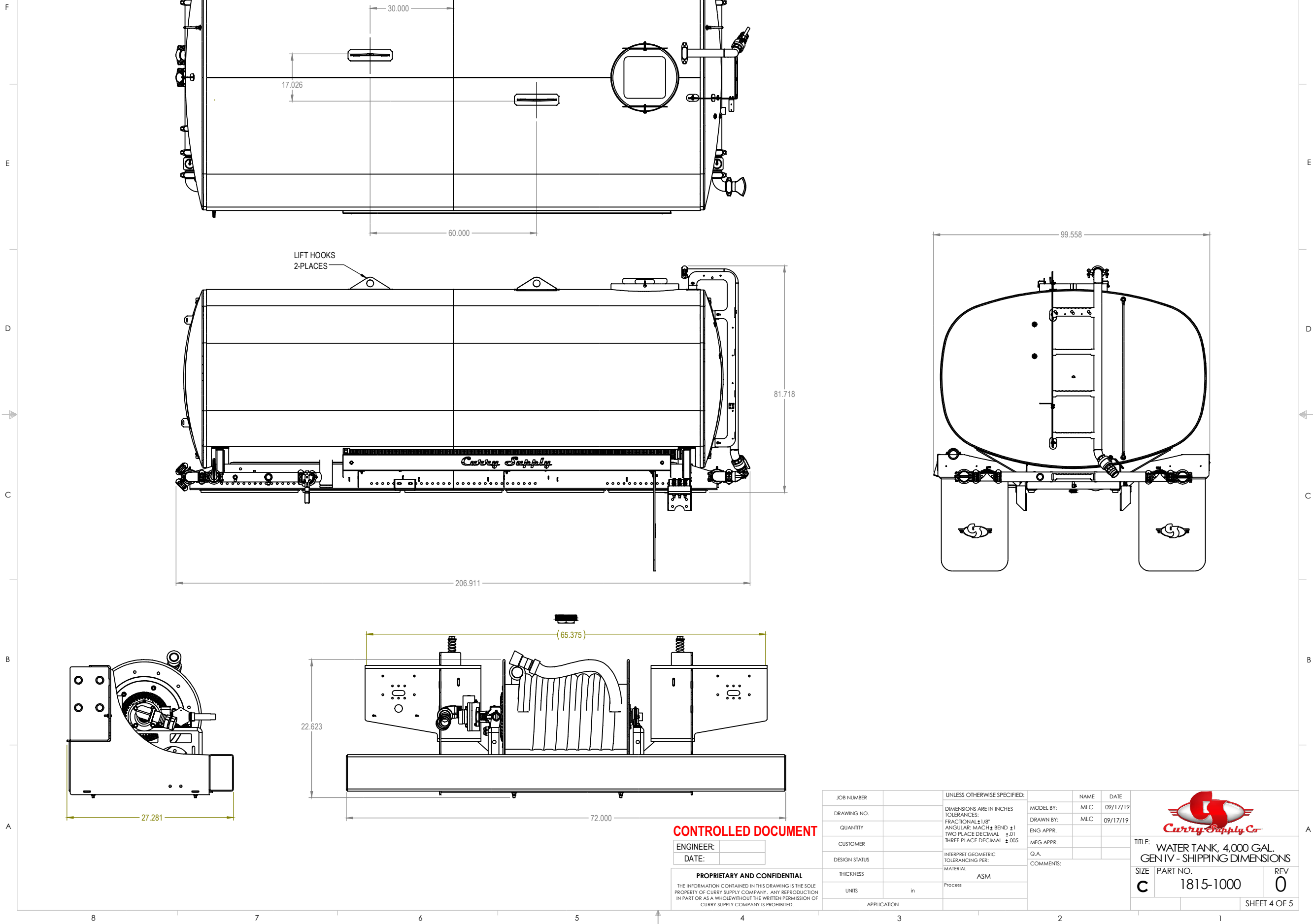
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PART NO		DIMENSIONS ARE IN INCHES	MODEL BY:	MLC	9/17/19
QUANTITY		TOLERANCES:	DRAWN BY:	MLC	9/17/19
CUSTOMER		FRACTIONAL $\pm 1/8"$	ENG APPR.		
DESIGN STATUS		ANGULAR: MACH $\pm$ BEND ± 1	MFG APPR.		
THICKNESS		TWO PLACE DECIMAL $\pm .01$	Q.A.		
UNITS	in	THREE PLACE DECIMAL $\pm .005$	COMMENTS:		
APPLICATION		MATERIAL			
		ASM			
		Process			
		A			
		DO NOT SCALE DRAWING			



TITLE: WATER TANK, 4,000 GAL.
GEN IV - BOLT LIST

SIZE	DRAWING NO.	REV
B	1815-1000	0

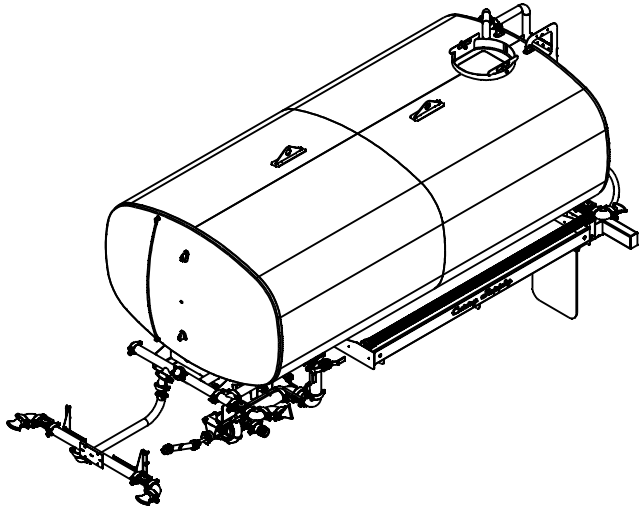
SCALE: 1:96 WEIGHT: 5727.9532 SHEET 3 OF 5



ITEM NO.		PART NUMBER	DESCRIPTION	MATERIAL	THICKNESS	PROCESS	QTY.
1		1164-0003	Mud Flap Bracket	ASTM A36 Steel	0.188	B- Burn	2
1.1			Sheet	ASTM A36 Steel			-
2		1584-0003	NIPPLE, 1-1/2" X 8", THREADED ENDS	Plain Carbon Steel		C,M- Cut,Machine	1
3		1622-1100	ASSEMBLY, SIDE HOSE VALVING, ON ROAD WATER				1
3.1		0103507	FITTING, NIPPLE, CLOSE, 3/4", BLACK IRON				1
3.2		0106054	FITTING, NIPPLE, CLOSE, 1-1/2", BLACK IRON				1
3.3		HBV075	VALVE, BALL, 3/4", BRASS		0.188		1
3.4		HBV150	VALVE, BALL, 1-1/2", BRASS		0.1875		1
4		1622-1300	KIT, SAFETY, WARNING TRIANGLE & FIRE EXT.	ASM			1
4.1		13H912	FIRE EXTINGUISHER, VEHICLE, 1-1/2 LB. 8-12 SECOND.	Material <not specified>		V	1
4.2		8CLF2	KIT, WARNING TRIANGLE	Material <not specified>			1
4.3		30143	KIT, FIRST AID, 10 PERSON	Material <not specified>		V	1
5		1622-1500	ASSEMBLY, CREEK FILL COMPONENTS	ASM		V	1
5.1		BFV-B-GVNL-3-GY	BUTTERFLY VALVE, 3", GROOVED ENDS	Material <not specified>	0.188		1
5.2		GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE	Material <not specified>		V	1
5.3		GV-MPT-ST-3X4B-RG	3" GROOVE X 3" M PIPE THREAD X 4" LONG	ASTM A500	Sch. 40	C,M- Cut,Machine	1
5.3.1			P3	ASTM A500			4.000
5.4		300-A-AL	CAM & GROOVE, A ADAPTER X FEMALE NPT, 3"	356.0-T6 Permanent Mold cast (SS)	0.1875	V	1
6		1622-3100	SPRAY ASSEMBLY, BACK LEFT/FRONT RIGHT	ASM			1
6.1		PC1469-4A	FITTING, 1/4" PUSH TUBE - 1/8" MP, 90 DEG, BRASS				1
6.2		GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE	Material <not specified>		V- Vendor	1
6.3		GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE	Material <not specified>		V	1
6.4		101-323-GRV-P-USA	VALVE, 3", AIR DIAPHRAM				1
6.5		GV-90-3P	ELBOW, 3", 90 DEG, VIC GROOVE, STEEL	Cast Carbon Steel		V- Vendor	1
7		1622-3200	SPRAY ASSEMBLY, BACK RIGHT/FRONT LEFT	ASM			1
7.1		PC1469-4A	FITTING, 1/4" PUSH TUBE - 1/8" MP, 90 DEG, BRASS				1
7.2		GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE	Material <not specified>		V- Vendor	1
7.3		GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE	Material <not specified>		V	1
7.4		101-323-GRV-P-USA	VALVE, 3", AIR DIAPHRAM				1
7.5		GV-90-3P	ELBOW, 3", 90 DEG, VIC GROOVE, STEEL	Cast Carbon Steel		V- Vendor	1
8		1622-4000	FRONT SPRAY ASSEMBLY	ASM			1
8.1		CW-0-2.5H-01	HOSE ASSEMBLY, 2.5in I.D., TANK TO FRONT SPRAY BAR				1
8.1.1		DL306	CLAMP, 2-BOLT, FOR HOSE 2-3/4 - 3-1/16"	Malleable Cast Iron		V	2
8.1.2		STV30	NIPPLE, 2-1/2" GROOVED - 2-1/2" HOSE BARB, STEEL				2
8.1.3		T202AA250X100	HOSE, WATER, 2-1/2" I.D., 150 PSI MAX, CUT TO FIT (QTY IN FT)				1
8.1.4		MBV-MF-04-04	BALL VALVE, MINI, 1/4"	Plain Carbon Steel	0.188	V- Vendor	1
8.2		GV-2.5-CP-RZF-N	CLAMP, 2-1/2", ZERO FLEX, VITAU LIC GROOVE	Material <not specified>		V- Vendor	1
8.3		GV-2.5-CP-F-N	CLAMP, 2-1/2", FLEXIBLE, VICTAU LIC GROOVE	Material <not specified>		V- Vendor	2
8.4		GV-90-2.5P	ELBOW, 2-1/2", 90 DEG, VIC, STEEL	Cast Carbon Steel		V- Vendor	1
8.5		GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE	Material <not specified>		V- Vendor	2
8.6		1622-3100	SPRAY ASSEMBLY, BACK LEFT/FRONT RIGHT	ASM			1
8.6.1		PC1469-4A	FITTING, 1/4" PUSH TUBE - 1/8" MP, 90 DEG, BRASS				1
8.6.2		GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE	Material <not specified>		V- Vendor	1
8.6.3		GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE	Material <not specified>		V	1
8.6.4		101-323-GRV-P-USA	VALVE, 3", AIR DIAPHRAM				1
8.6.5		GV-90-3P	ELBOW, 3", 90 DEG, VIC GROOVE, STEEL	Cast Carbon Steel		V- Vendor	1
8.7		1622-3200	SPRAY ASSEMBLY, BACK RIGHT/FRONT LEFT	ASM			1
8.7.1		PC1469-4A	FITTING, 1/4" PUSH TUBE - 1/8" MP, 90 DEG, BRASS				1
8.7.2		GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE	Material <not specified>		V- Vendor	1
8.7.3		GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE	Material <not specified>		V	1
8.7.4		101-323-GRV-P-USA	VALVE, 3", AIR DIAPHRAM				1
8.7.5		GV-90-3P	ELBOW, 3", 90 DEG, VIC GROOVE, STEEL	Cast Carbon Steel		V- Vendor	1
8.8		GV-45-2.5P	ELBOW, 2-1/2", 45 DEG, VIC, STEEL	Cast Carbon Steel		V- Vendor	1
9		1622-5000	LADDER/TANK FILL ASSEMBLY	ASM		V	1
9.1		GV-2.5-CP-RZF-N	CLAMP, 2-1/2", ZERO FLEX, VITAU LIC GROOVE	Material <not specified>		V- Vendor	1
9.2		GV-90-2.5P	ELBOW, 2-1/2", 90 DEG, VIC, STEEL	Cast Carbon Steel		V- Vendor	1
9.3		HBV250	BALL VALVE, 2-1/2", BRASS		0.1875		1
9.4		250-F-AL	CAM & GROOVE, F ADAPTER X MALE NPT, 2-1/2"	356.0-T6 Permanent Mold cast (SS)	0.1875	V	1
9.5		GV-2.5-CP-F-N	CLAMP, 2-1/2", FLEXIBLE, VICTAU LIC GROOVE	Material <not specified>		V- Vendor	1
9.6		33740R	33 SERIES, MARKER LIGHT, 3 LAMP	Material <not specified>		V	1
10		1622-6000	REEL COMPONENT ASSEMBLY	ASM			1
10.1		FS8	CLAMP, 2" ID SST	Stainless Steel (ferritic)	0.188	V	4
10.2		4688-1307	HOSE, 1-1/2" I.D., LONGHORN (QTY IN FT)	Rubber			1
10.3		150-C-AL	CAM & GROOVE, C COUPLER X HOSE SHANK, 1-1/2"	356.0-T6 Permanent Mold cast (SS)	0.1875	V	1
10.4		0133330	ELBOW, STREET, 1-1/2", 90 DEG	ASTM A36 Steel		V- Vendor	1
10.5		STC20	1-1/2" KING NIPPLE				1
10.6		1.5X50 WATER HOSE	WATER HOSE, 1-1/2" X 50', ASSEMBLED	Rubber			1
10.7		FNB150S	FOG NOZZLE, 90 DEGREE SPRAY, 83.6 GPM	PBT General Purpose			1
10.8		HBV150	VALVE, BALL, 1-1/2", BRASS		0.1875		1
10.9		150-F-AL	CAM & GROOVE, F ADAPTER X MALE NPT, 1-1/2"	356.0-T6 Permanent Mold cast (SS)	0.1875	V	1
10.10		0106054	FITTING, NIPPLE, CLOSE, 1-1/2", BLACK IRON				1
11		1622-7100	ASSEMBLY, SIDE SPRAY, LH SIDE CONFIGURATION	ASM			1
11.1		101-323-GRV-P-USA	VALVE, 3", AIR DIAPHRAM				1
11.2		104-SPRAY HEAD	SPRAY HEAD STRAIGHT OUTLET				1
11.3		GV-3-CP-RZF-N	CLAMP, 3", ZERO FLEX, VIC STYLE	Material <not specified>		V- Vendor	2
11.4		GV-90-3P	ELBOW, 3", 90 DEG, VIC GROOVE, STEEL	Cast Carbon Steel		V- Vendor	2
11.5		PC1469-4A	FITTING, 1/4" PUSH TUBE - 1/8" MP, 90 DEG, BRASS				1
11.6		GV-3-CP-F-N	CLAMP, 3", FLEXIBLE, VIC STYLE	Material <not specified>		V	1
12		1622-8000	ASSEMBLY, SHAFT DRIVE, PUMP MOUNT	ASM			1
12.1		B9553SF	DRIVELINE, 1310 SERIES		0.188		1
12.2		B24503	END YOKE, 1-1/8" ROUND, KEYED	Cast Carbon Steel	0.188		1
12.3		B24533	END YOKE, 1-1/4" ROUND, KEYED	Cast Carbon Steel	0.188		1
12.4		1560-1800	Water Pump Mount Asm	ASM			1
12.4.1		1560-1801	Frame Bracket	ASTM A36 Steel	0.250	B,P- Burn,Bend	ENGINEER
12.4.2		1560-1802	Pump Bracket	ASTM A36 Steel	0.250	B,P- Burn,Bend	DATE:
12.4.3		1560-1803	Frame Gusset	ASTM A36 Steel	0.250	B- Burn	3
12.4.4		1560-1804	Pump Gusset	ASTM A36 Steel	0.250	B- Burn	1
12.5		34	SETSCREW, 3/8"-16 X 3/4", CUP POINT	Plain Carbon Steel			1
13		1815-2000	TANK ASSEMBLY, 4,000 GAL.	ASM		F	1
13.1		1815-3000	CW4 Tank/Runner Weldment	ASM			1
13.1.1		1815-4000	CW4 Gen 4 Barrel Weldment	ASM			1
13.1.1.1		1815-4001	AK Tank Shell	ASTM A36 Steel	0.188	B,P- Burn,Bend	2

CONTROLLED DOCUMENT

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN WHOLE OR IN PART WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.



JOB NUMBER		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
PART NO.		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/8" ANGULAR: MACH ± BEND ±1 TWO PLACE DECIMAL ±.01 THREE PLACE DECIMAL ±.005	MODEL BY:		
QUANTITY	1		DRAWN BY:		
CUSTOMER			ENG APPR.		
DESIGN STATUS		INTERPRET GEOMETRIC TOLERANCING PER:	MFG APPR.		
THICKNESS		MATERIAL ASM	Q.A.		
UNITS	in	PROCESS A	COMMENTS:		
APPLICATION					

TITLE:
CW4 Gen 4 Assembly

SIZE
C

DRAWING NO.
1815-1000

REV
0

SCALE: 1:48 | WEIGHT: 5727.95325 LBS | SHEET 5 OF 5

NOTES:
REFERENCE DOCUMENT:
-BUILD CABLE HARNESS IN ACCORDENCE WITH
IPC-620

1 SPLICING WIRES SHALL BE DONE
AN 1-1/2 BEFORE BREAKING OUT THE HARNESS

2. ITEM NO. 5-10,12,13 NOT SHOWN IN ASSEMBLY

3. ALTERNATE PART NO. ARE ALLOWED ASLONG AS THE
ALTERNATE PART
PROVIDES THE SAME FORM FIT AND FUNCTION. IF
UNSURE PLEASE CONTACT
CURRY SUPPLY ENGINEERING

4 PLACE LABELS WITH THE FOLLOWING CALLOUTS
THAT POINTS TO EACH COMPONENT

5 FOLLOW GUIDLINES/RECOMMENDATION OF
MANUFACTURE WHEN INSTALLING EACH PLUG, JACK,
SPLICE, CONNECTOR, AND TERMINAL

6 SHRINK ITEM NO. 10 OVER TOP EACH SPLICE THAT IS
MADE

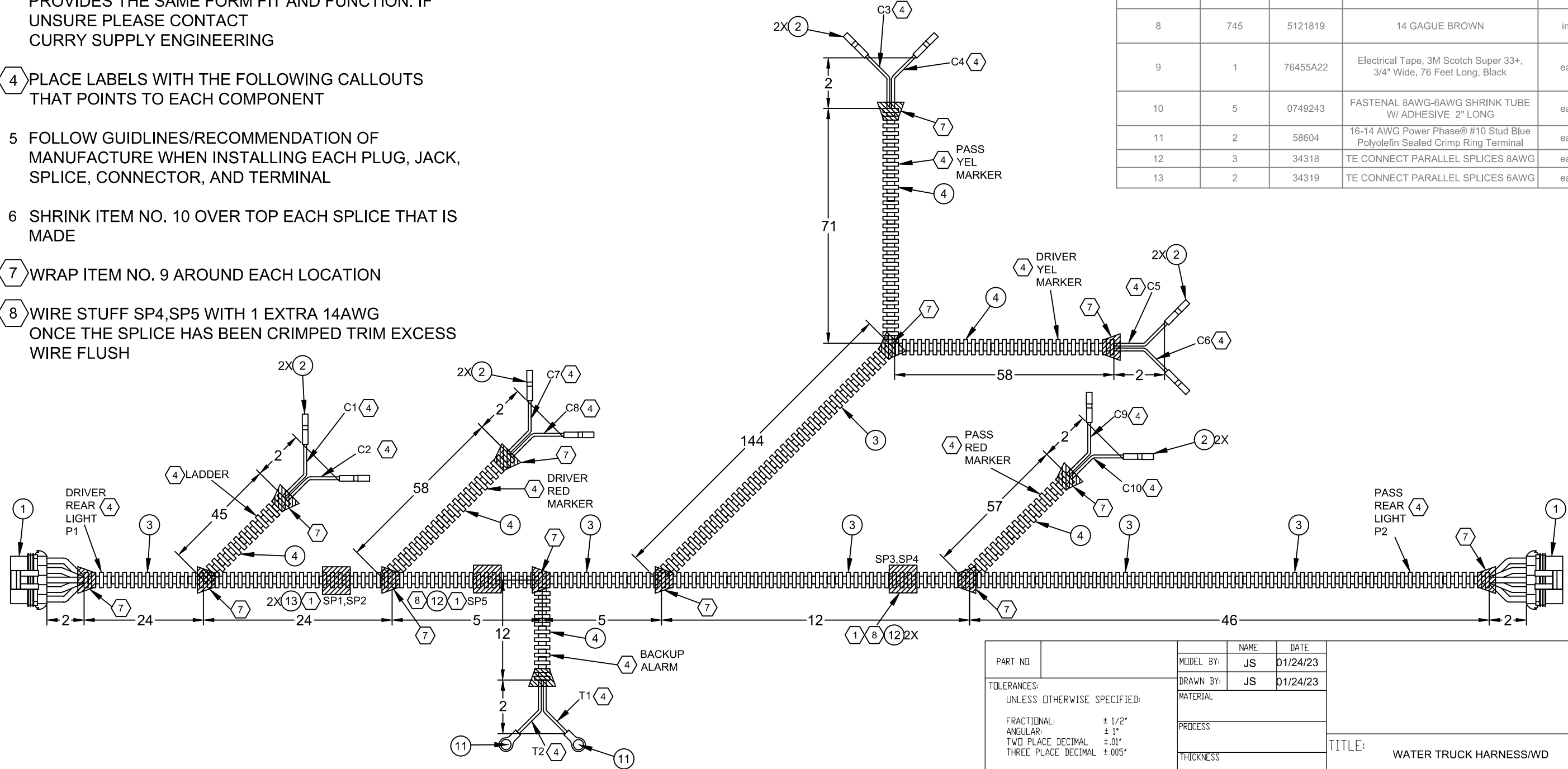
7 WRAP ITEM NO. 9 AROUND EACH LOCATION

8 WIRE STUFF SP4,SP5 WITH 1 EXTRA 14AWG
ONCE THE SPLICE HAS BEEN CRIMPED TRIM EXCESS
WIRE FLUSH

ELECTRICAL TAPE CALLOUT SYMBOL

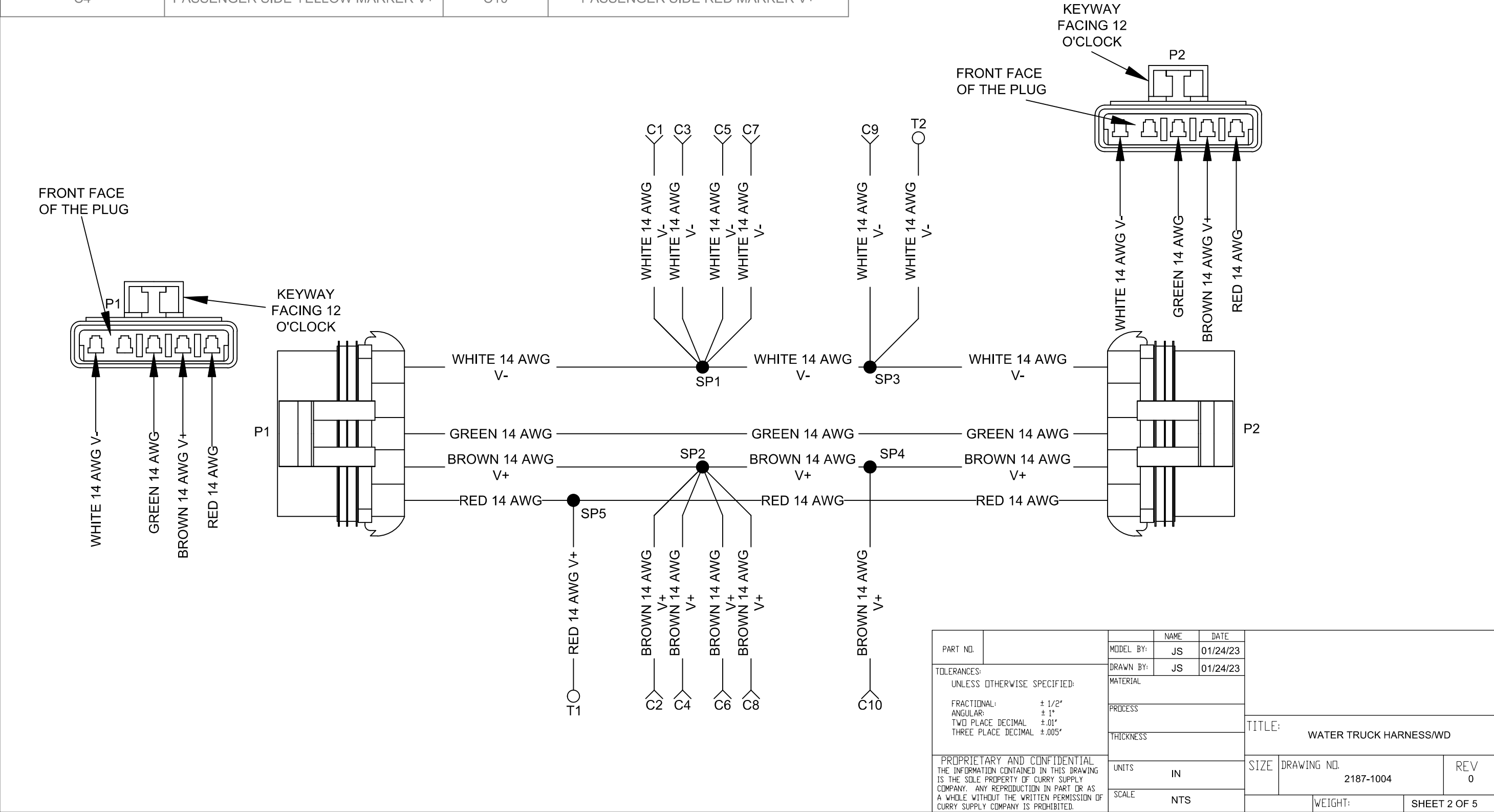
SPLICE CALLOUT SYMBOL
(SP#)

Item No.	QTY.	Part No.	Stock Desc.	Units
1	2	ADO-PT1937	Connector 5-way 5 pin for Chevrolet Tail Light GM	ea
2	10	0747509	.157", 16-14 AWG, FEMALE BULLET CONNECTOR	ea
3	265	0708152	3/8" POLYETHYLENE SLIT WIRE LOOM	in
4	310	0708151	1/4" POLYETHYLENE SLIT WIRE LOOM	in
5	140	0700457	14 GAUGE RED	in
6	125	0719096	14 GAUGE GREEN	in
7	775	0700458	14 GAUGE WHITE	in
8	745	5121819	14 GAGUE BROWN	in
9	1	76455A22	Electrical Tape, 3M Scotch Super 33+, 3/4" Wide, 76 Feet Long, Black	ea
10	5	0749243	FASTENAL 8AWG-6AWG SHRINK TUBE W/ ADHESIVE 2" LONG	ea
11	2	58604	16-14 AWG Power Phase® #10 Stud Blue Polyolefin Sealed Crimp Ring Terminal	ea
12	3	34318	TE CONNECT PARALLEL SPLICES 8AWG	ea
13	2	34319	TE CONNECT PARALLEL SPLICES 6AWG	ea



PART NO.			NAME	DATE								
		MODEL BY:	JS	01/24/23								
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ± .01" THREE PLACE DECIMAL ± .005"		DRAWN BY:	JS	01/24/23					TITLE: WATER TRUCK HARNESS/WD			
		MATERIAL										
		PROCESS										
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		THICKNESS			SIZE DRAWING NO. 2187-1004 REV 0							
		UNITS IN										
		SCALE NTS										
					WEIGHT:		SHEET 1 OF 5					

LABEL	DESCRIPTION	LABEL	DESCRIPTION
P1	DRIVER REAR TAIL LIGHT	C5	DRIVER SIDE YELLOW MARKER V-
P2	HARNESS TIE IN	C6	DRIVER SIDE YELLOW MARKER V+
C1	LADDER MARKER LIGHT V-	C7	DRIVER SIDE RED MARKER V-
C2	LADDER MARKER LIGHT V+	C8	DRIVER SIDE RED MARKER V+
C3	PASSENGER SIDE YELLOW MARKER V-	C9	PASSENGER SIDE RED MARKER V-
C4	PASSENGER SIDE YELLOW MARKER V+	C10	PASSENGER SIDE RED MARKER V+

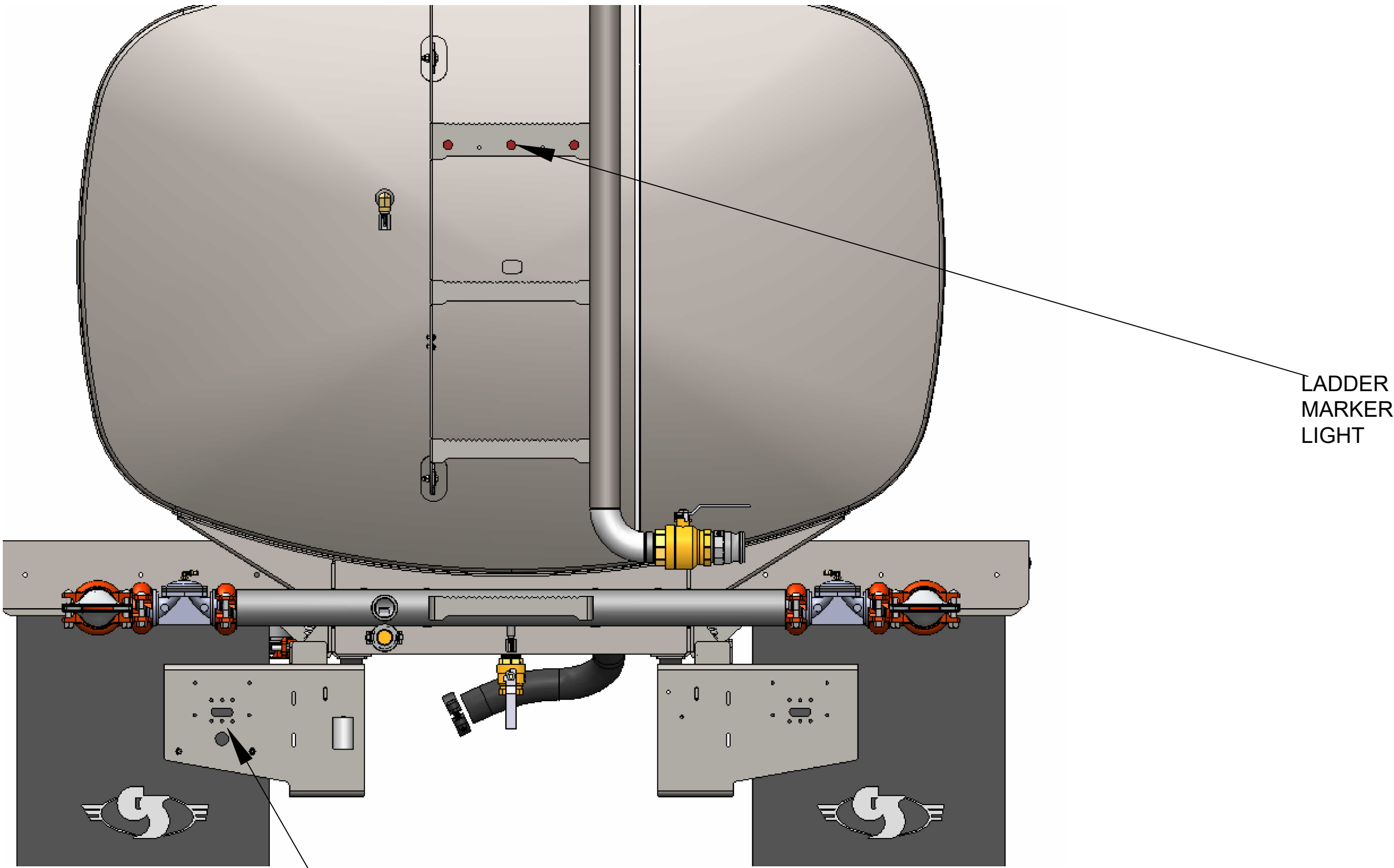




PASSENGER
SIDE RED
MARKER

PASSENGER
SIDE YELLOW
MARKER

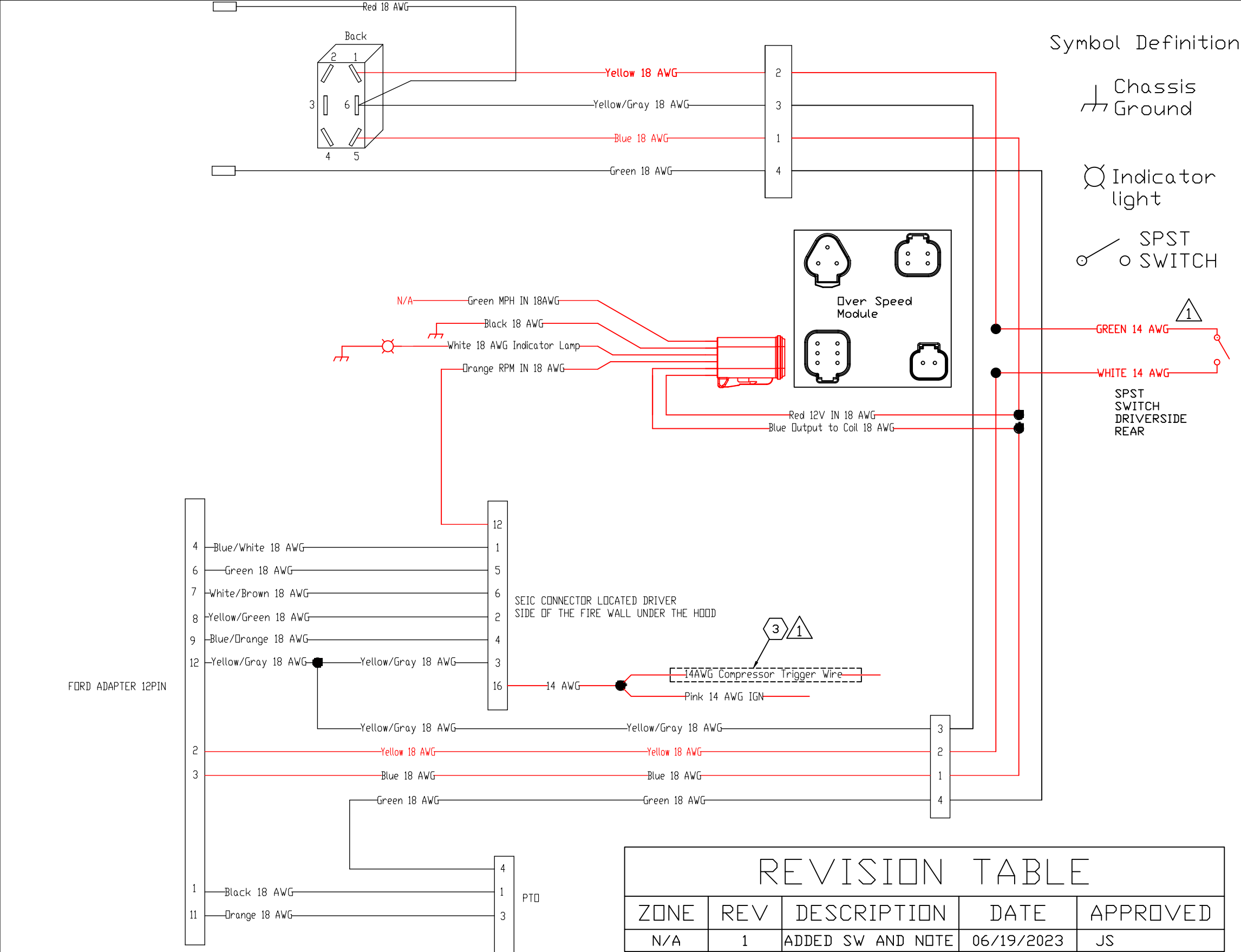
PART NO.			NAME	DATE					
		MODEL BY:	JS	01/24/23					
TOLERANCES: UNLESS OTHERWISE SPECIFIED: FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ±.01" THREE PLACE DECIMAL ±.005"		DRAWN BY:	JS	01/24/23					
		MATERIAL							
		PROCESS							
		THICKNESS							
		TITLE:			WATER TRUCK HARNESS/WD				
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		UNITS	IN		SIZE	DRAWING NO. 2187-1004		REV 0	
		SCALE	NTS			WEIGHT:		SHEET 3 OF 5	



DRIVER SIDE
REAR TAIL
LIGHT

LADDER
MARKER
LIGHT

PART NO.			NAME	DATE						
		MODEL BY:	JS	01/24/23						
TOLERANCES: UNLESS OTHERWISE SPECIFIED:		DRAWN BY:	JS	01/24/23						
		MATERIAL								
FRACTIONAL: ± 1/2" ANGULAR: ± 1° TWO PLACE DECIMAL ±.01" THREE PLACE DECIMAL ±.005"		PROCESS			TITLE: WATER TRUCK HARNESS/WD					
		THICKNESS								
PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CURRY SUPPLY COMPANY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF CURRY SUPPLY COMPANY IS PROHIBITED.		UNITS	IN		SIZE	DRAWING NO. 2187-1004			REV 0	
		SCALE	NTS							
								WEIGHT:		SHEET 5 OF 5



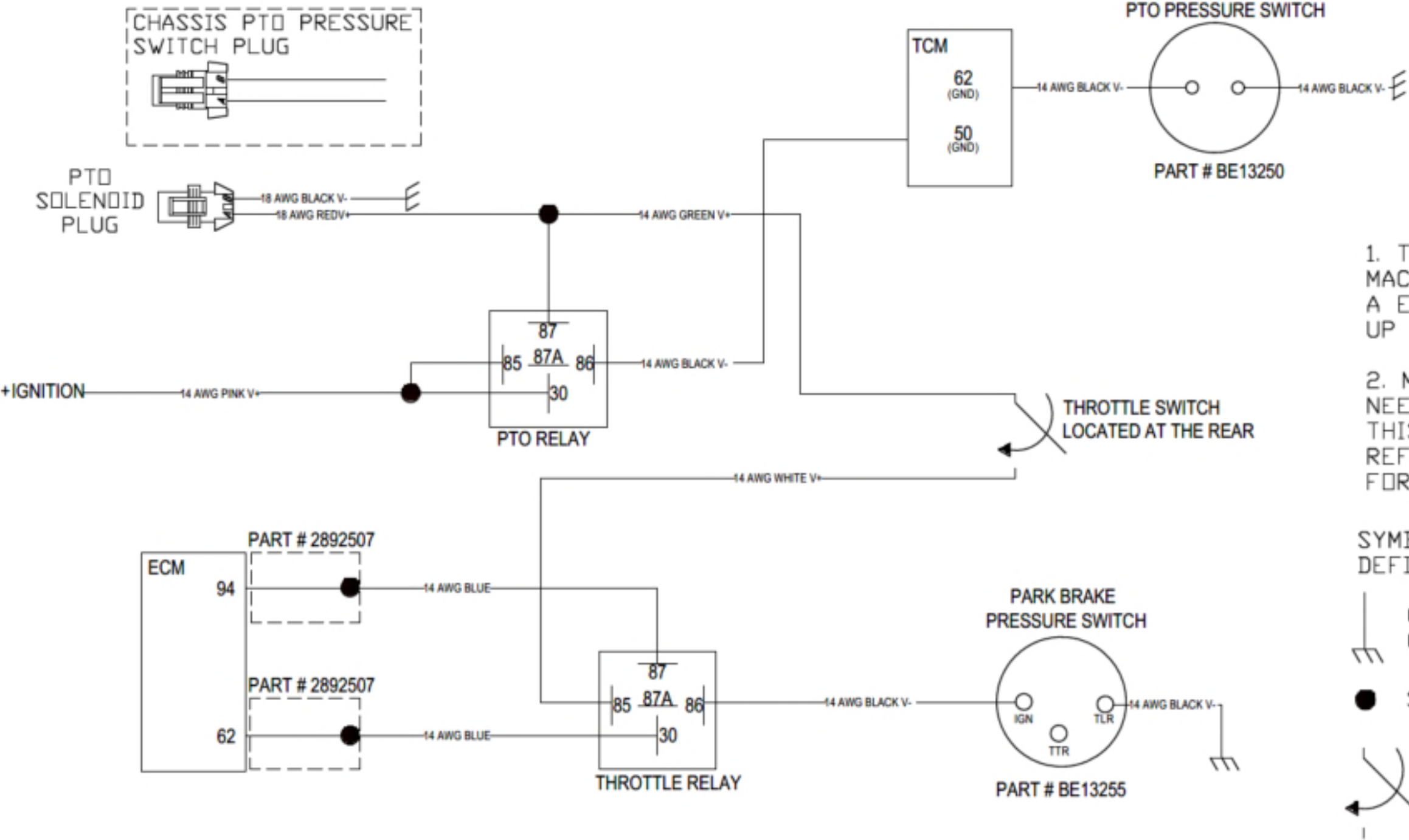
NOTE:

1. Everything in red is what needs to be done to add the overspeed module to the new ford adapter for the F22 PTO set up

2. For the rest of the set up, read the muncie documentation that came with the F22 PTO

③ ONLY NEEDED IF THERE IS NO AIR SYSTEM AND A COMPRESSOR IS ADDED

TITLE: F22 DUAL MODE PTO SET UP FORD 650/750		DATE 6/12/2023
SIZE B	DRAWING NO. 2187-1020	REV 1
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 1



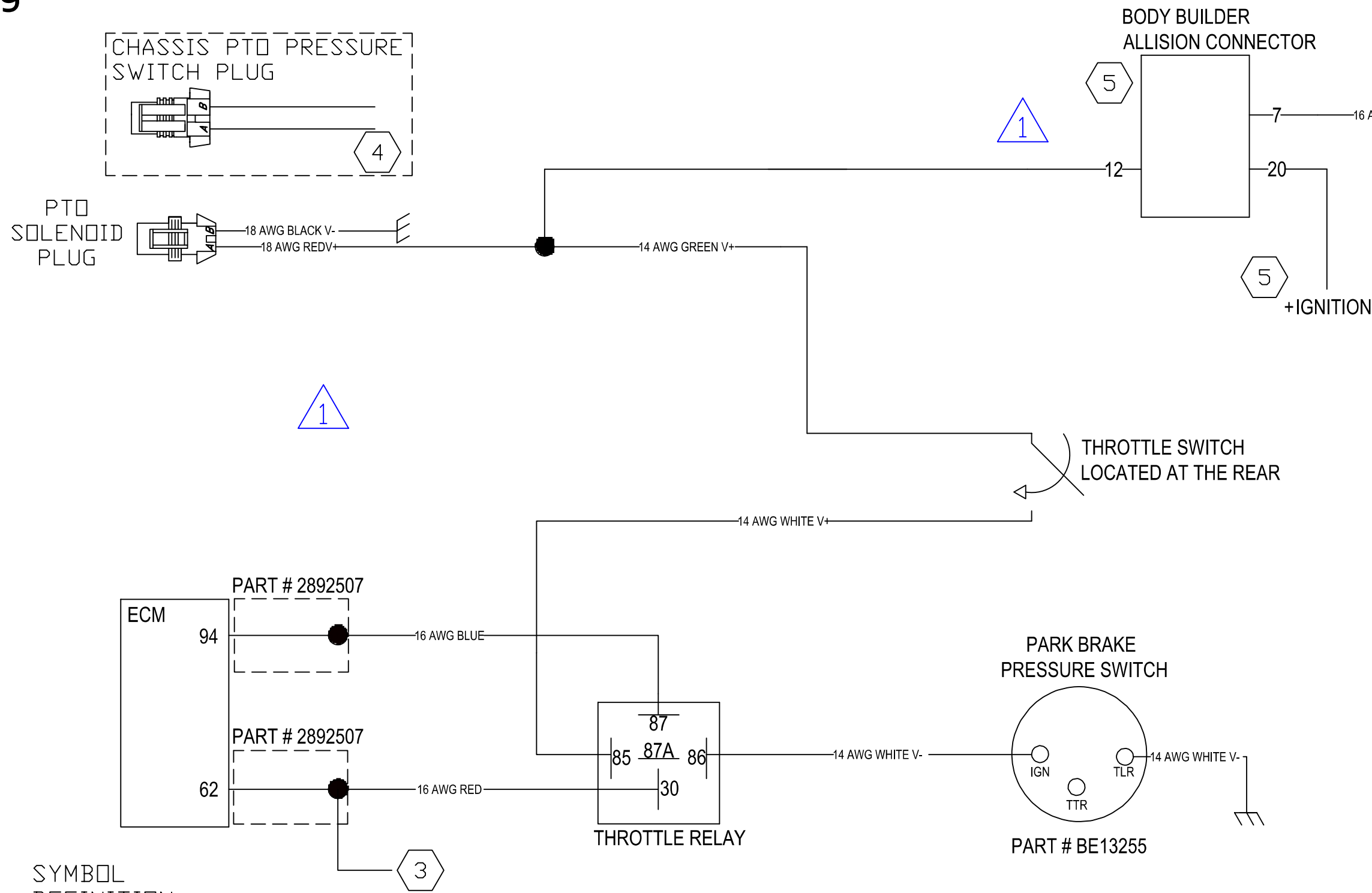
1. THIS DIAGRAM IS FOR A MACK MD THAT CAME IN WITH A ELECTRIC OVER AIR SET UP FOR PTO.

2. MUNCIE PTO HARNESS WILL NEED TO BE REWORKED FOR THIS APPLICATION PLEASE REFERENCE BUILD INSTUCTION FOR MACK MD 2K/4K.

SYMBOL DEFINITION

- CHASSIS GROUND
- Splice
- SPST SWITCH

TITLE: MACK MD PTO WIRING		DATE 7/17/2023
SIZE: B	DRAWING NO. 2187-1026	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 1



SYMBOL
DEFINITION

CHASSIS
GROUND

Splice

SPST SWITCH

REVISION TABLE				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	1	REMOVED TCM BLOCK AND PTO RLY	02/20/2024	JS

PTO PRESSURE SWITCH

PART # BE13250

1. THIS DIAGRAM IS FOR A MACK MD THAT CAME IN WITH A ELECTRIC OVER AIR SET UP FOR PTO.

2. MUNCIE PTO HARNESS WILL NEED TO BE REWORKED FOR THIS APPLICATION PLEASE REFERENCE BUILD INSTUCTION FOR MACK MD 2K/4K. TBD

③ IF THE WIRE IS POPULATED SIMPLY SPLICE INTO THE WIRE DO NOT REMOVE!

④ DEPENDING ON THE CHAISSIS YOU MAY NEED TO SWAP THE PTO PLUG ON THE TRUCK HARNESS TO MATE CORRECTLY WITH PTO

⑤ LOCATED LOWER LEFT KICK PANEL

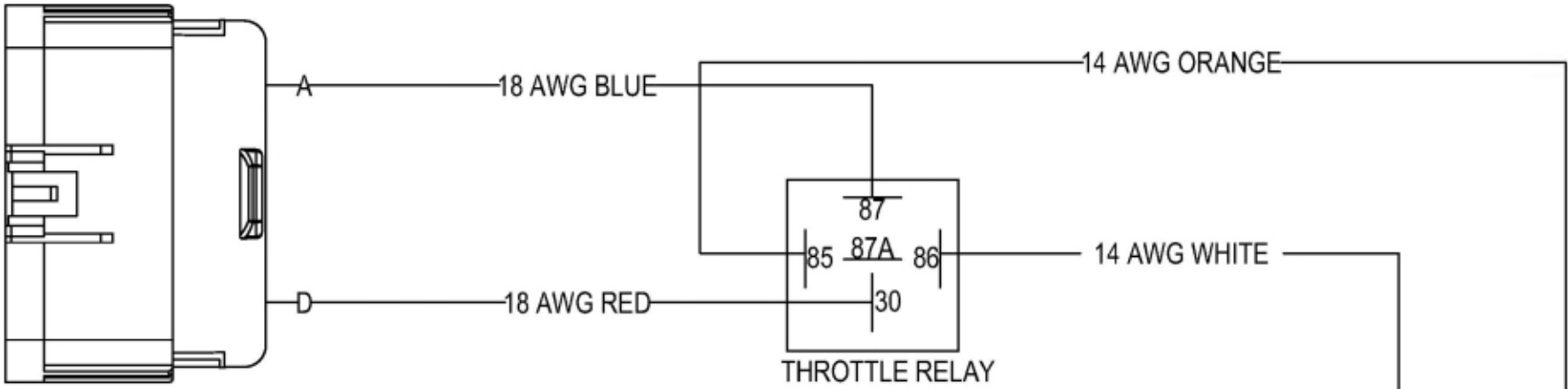
6 THIS SET UP IS FOR 50 AND 62 TCM



Curry Supply Co.

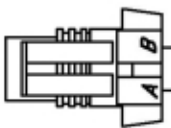
TITLE: MACK MD PTO WIRING 2000 ALLISON		DATE 7/17/2023
SIZE: B	DRAWING NO. 2187-1026	REV 1
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 1

CUMMINS BODY BUILDER CONNECTOR
LOCATED DRIVER SIDE OF THE ENGINE

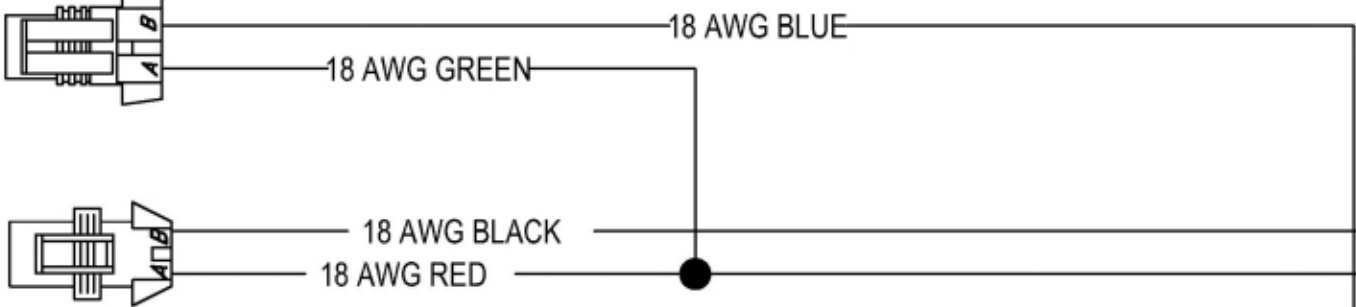
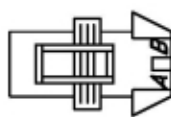


THROTTLE SWITCH
LOCATED AT THE REAR

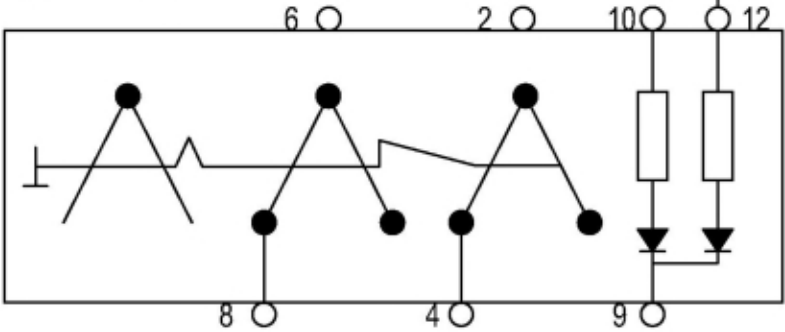
PTO PRESSURE
SWITCH PLUG



PTO
SOLENOID
PLUG



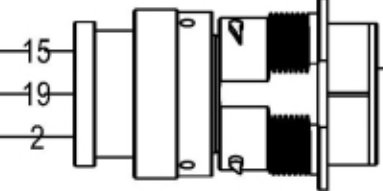
S451 PTO SWITCH



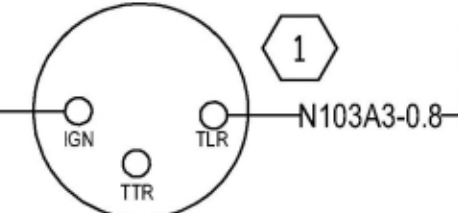
2

15 - PB SIGNAL 12V+ F37 5AMP
19 - TCM OUT GND
2 - IGN F47 30AMP

BODY LINK III LOCATED
DRIVER SIDE FIREWALL



PARK BRAKE
PRESSURE SWITCH



PART # BE13255

① FOR A 2025 MACK MD
WITHOUT THE PARK BRAKE BB
PRESSURE SWITCH INSTALLED,
LOCATE THE CONNECTOR
ABOVE THE ACCELERATOR
PEDAL AS SHOWN IN SHEET
2. ATTACH THE PARK BRAKE
HOSE USING PART NUMBER
BE13255 AND INSTALL THE
NECESSARY WIRES AS
INDICATED IN THE DIAGRAM.

② RUN MUNCIE BLUE WIRE
INTO CAB AND ADD PART#
20864201 TO WIRE AND ADD
IT TO TERMINAL 12 ON THE
BACK OF THE SWITCH



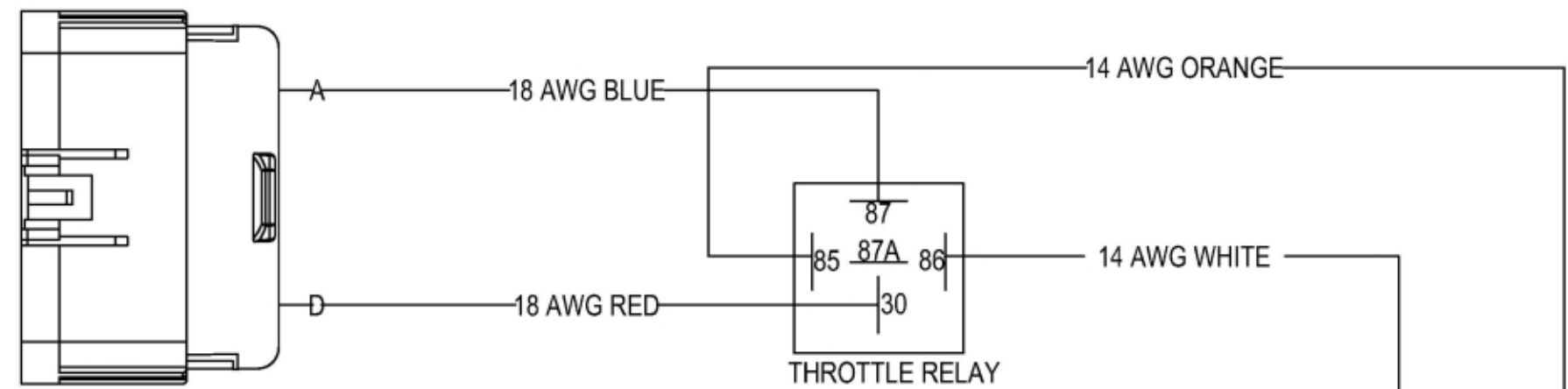
TITLE: 25 MACK MD PTO WIRING 2K ALLISON W/O PARK BRAKE SW		DATE 3/10/2025
SIZE: B	DRAWING NO. 2187-1073	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 2





TITLE: 25 MACK MD PTO WIRING 2K ALLISON W/O PARK BRAKE SW		DATE 3/10/2025
SIZE: B	DRAWING NO. 2187-1073	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 2 OF 2

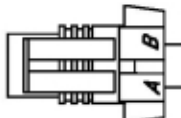
CUMMINS BODY BUILDER CONNECTOR
LOCATED DRIVER SIDE OF THE ENGINE



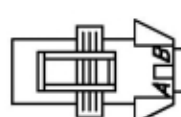
① RUN MUNCIE BLUE WIRE
INTO CAB AND ADD PART#
20864201 TO WIRE AND ADD
IT TO TERMINAL 12 ON THE
BACK OF THE SWITCH

THROTTLE SWITCH
LOCATED AT THE REAR

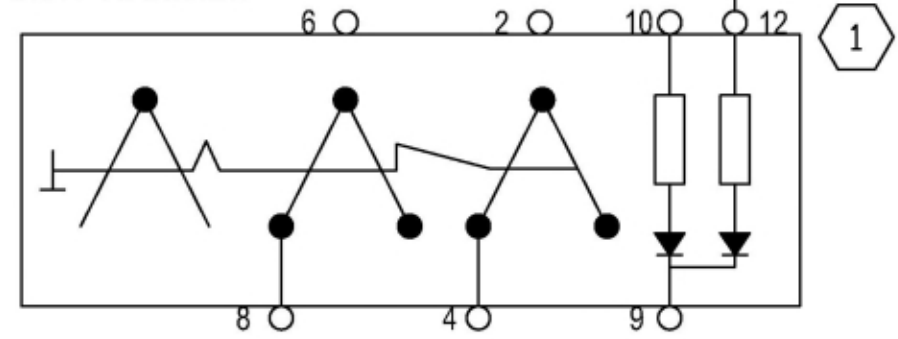
PTO PRESSURE
SWITCH PLUG



PTO
SOLENOID
PLUG

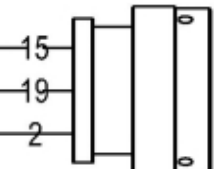


S451 PTO SWITCH

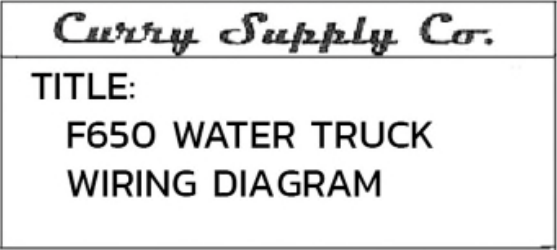


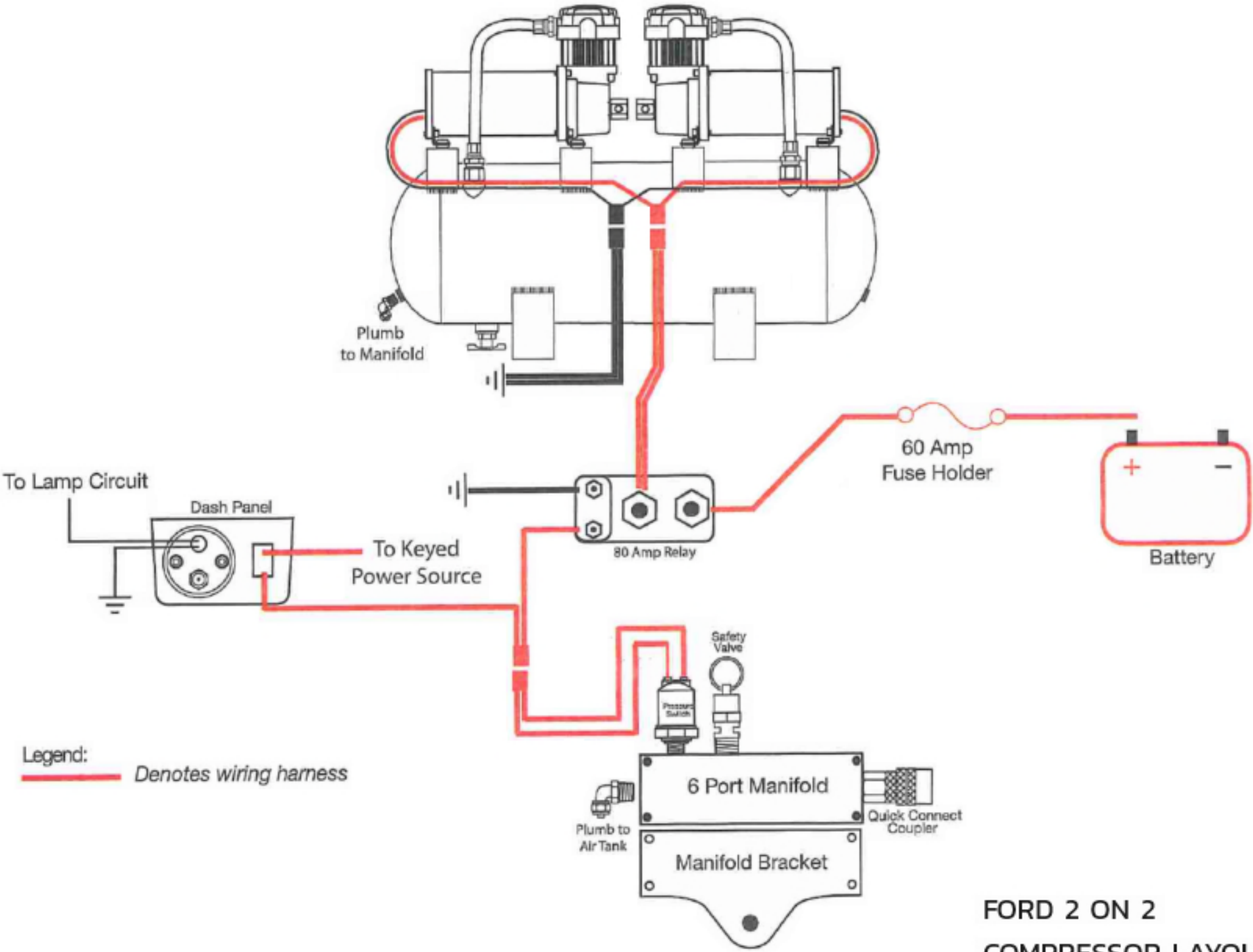
15 - PB SIGNAL 12V+ F37 5AMP
19 - TCM OUT GND
2 - IGN F47 30AMP

BODY LINK III LOCATED
DRIVER SIDE FIREWALL

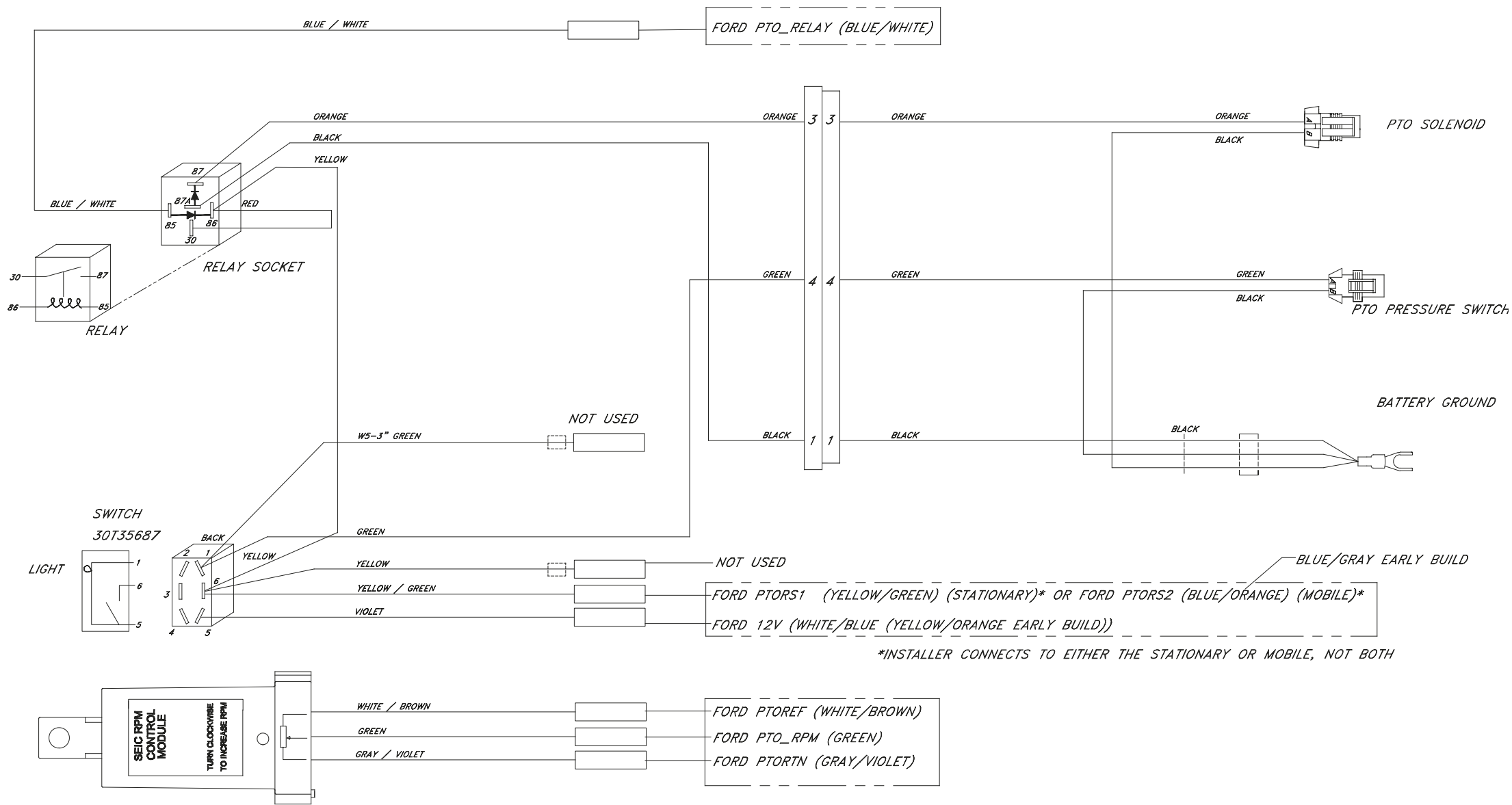


TITLE: 25 MACK MD PTO WIRING 2K ALLISON W/ PARK BRAKE SW		DATE 3/10/2025
SIZE: B	DRAWING NO. 2187-1074	REV 0
SCALE: NTS	DRAWN BY: JS	SHEET 1 OF 1





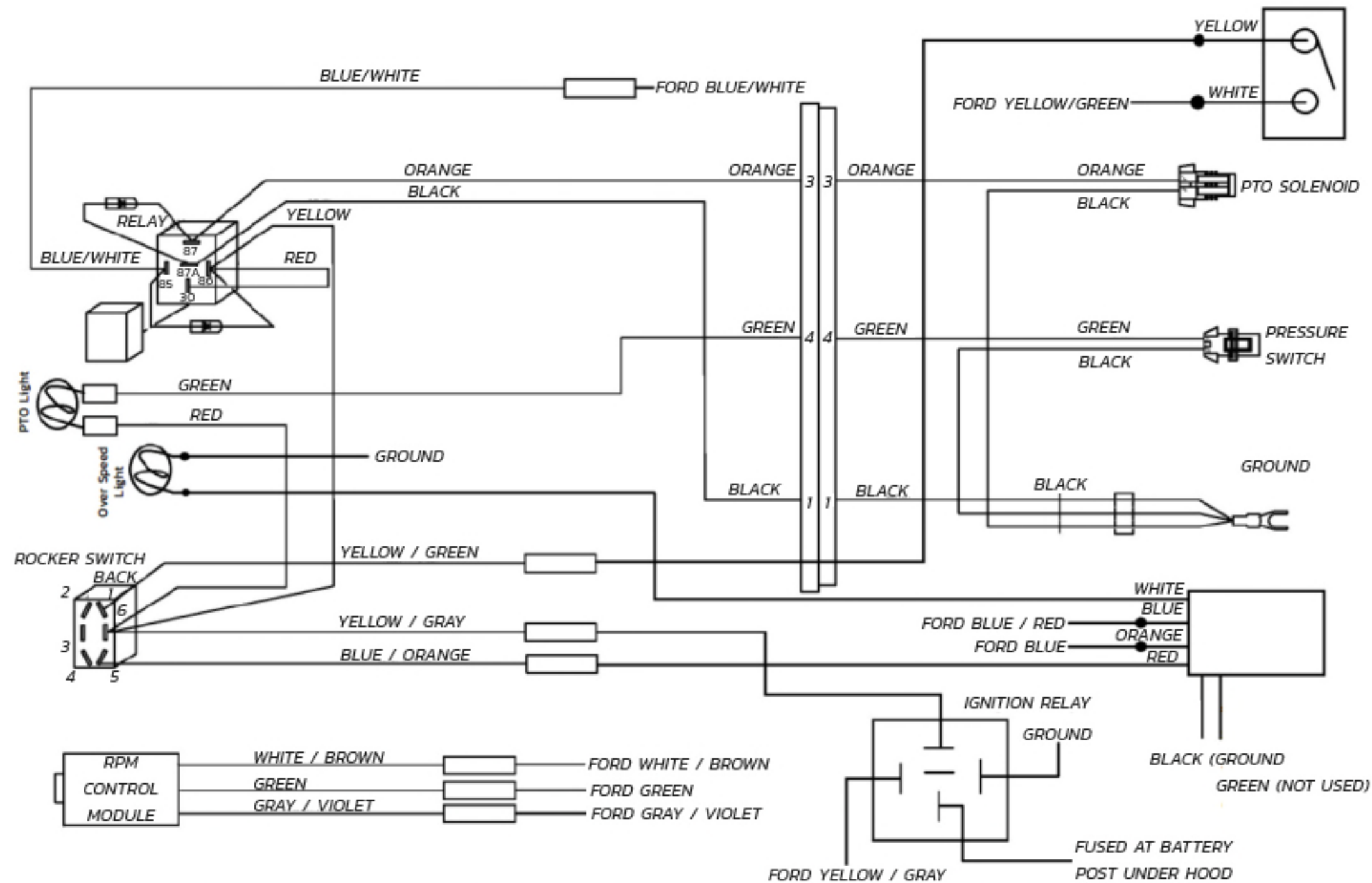
FORD 2 ON 2
COMPRESSOR LAYOUT



FR6Q1209D3*X WIRE HARNESS #34T41671 Wire Color, Pin#, Circuit # Reference (Mobile OR Stationary Mode)

					Ford Wire Color	
Harness Wire Color	Circuit Intent	Ford Wire Tag	PCM Pin	Circuit No.	Stationary Mode	Mobile Mode
Blue/White	Output	PTO_RELAY	C-11	CE326	Blue/White	Blue/White
Yellow/Green	Input (VPWR)	PTORS1/PTORS2	C-06	CE912	Yellow/Green	Blue/Orange (Blue/Gray-Early Build)
White/Brown	Reference Voltage	PTOREF	C-55	LE434	White/Brown	White/Brown
Green	Input (Resistor)	PTO_RPM	C-08	CE914	Green	Green
Gray/ Violet	PCM Ground	PTORTN	C-22	RE327	Gray/Violet	Gray/Violet
Violet	12Vdc Power				White/Blue (Yellow/Orange-Early Build)	White/Blue (Yellow/Orange-Early Build)

FR6Q-F1209-D3*X Wire Harness Schematic - (34T41671)
2016 & Earlier F-250-F-550 Super Duty Diesel Stationary
F-650/750 (2012-2015 with SEIC Controls) OR Mobile Mode Application



FR66/FR3C-120963*B WIRE HARNESS #34T43661 Wire Color, Pin#, Circuit # Reference (Mobile AND Stationary Mode)

Harness Wire Color	Circuit Intent	Ford Wire Tag	PCM Pin	Circuit No.	Ford Wire Color
Blue/White	Output	PTO_RELAY	C-11	CE326	Blue/White
Yellow/Green	Input (VPWR)	PTORS1	C-06	CE912	Yellow/Green
Blue/Orange	Input (VPWR)	PTORS2	C-06	CE933	Blue/Orange
White/Brown	Reference Voltage	PTOREF	C-55	LE434	White/Brown
Green	Input (Resistor)	PTO_RPM	C-08	CE914	Green
Gray/Violet	PCM Ground	PTORTN	C-22	RE327	Gray/Violet
Yellow/Gray	12Vdc Power				Yellow/Gray

FR66/FR3C-F1209-63*B Wire Harness Schematic – (34T43661)



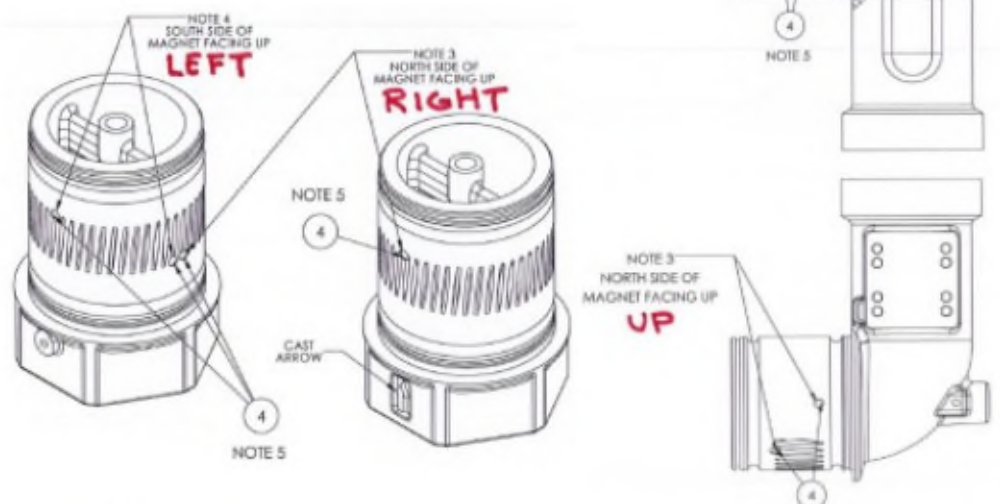
8100HD (Nitro HD) position sensor testing information

The position sensor used for controlling Vertical and Horizontal travel on the 8100HD (Nitro HD) is p/n 67566000.

- The sensors RED wire should have +5 volts on it.
- The sensors BLACK wire should be GROUND.
- The sensors GREEN wire should have;
 - Around +2.5v when no magnet is detected.
 - It should drop below +2.5 volts (around +1.5v) when detecting the North Pole of a magnet (RIGHT or UP).
 - It should go above +2.5 volts (around +3.5v) when detecting the South Pole of a magnet (LEFT or DOWN).

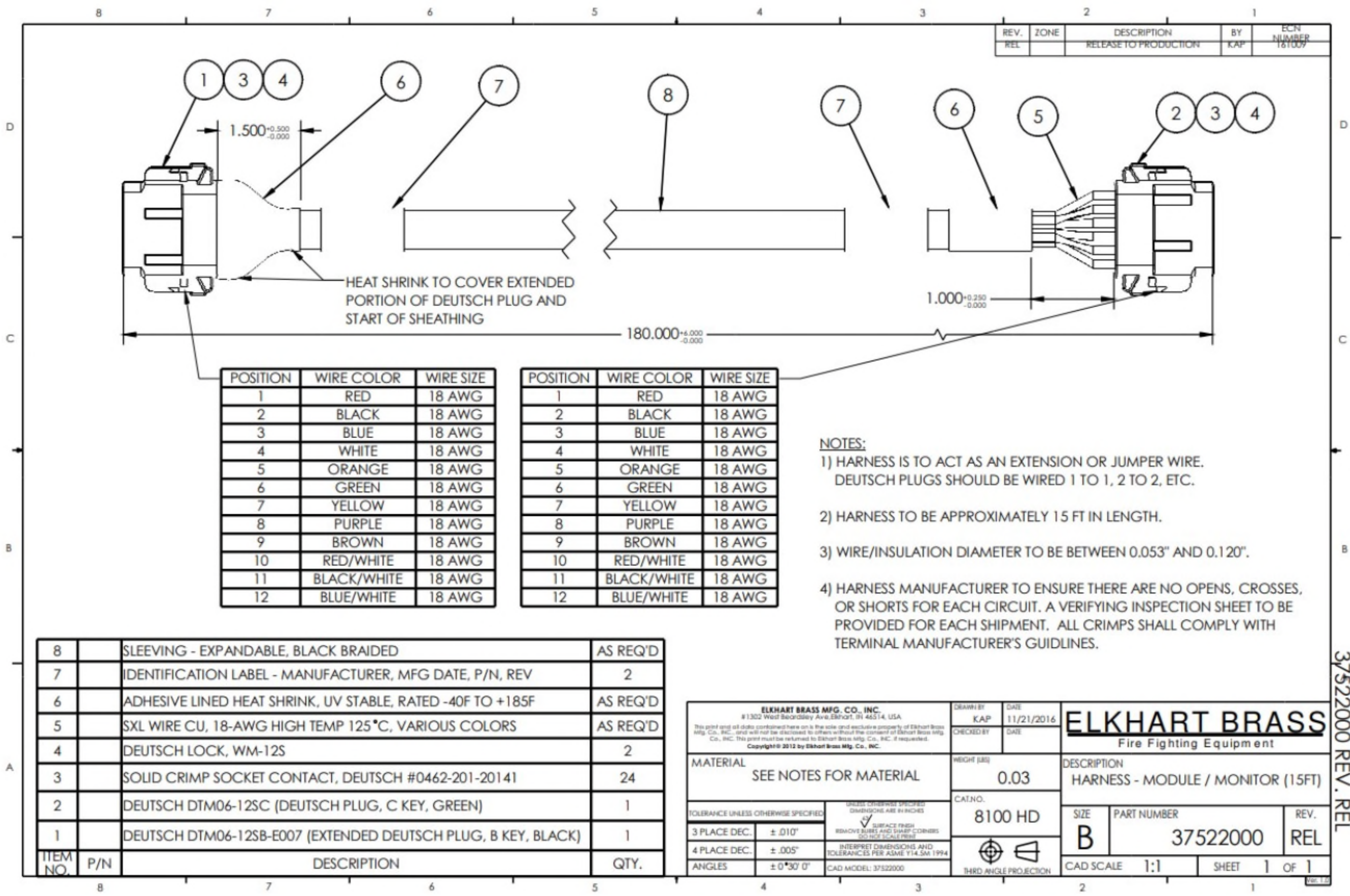
The magnets used on the 8100HD (Nitro HD) are p/n 46057000 and are positioned as follows.

- North Pole facing out for RIGHT and UP limits.
- South Pole facing out for LEFT and DOWN limits.



Last Revised 01/23/23

Elkhart Brass Mfg. Co., Inc. 1302 W. Beardsley Avenue • Elkhart, Indiana 46514 • 1-574-295-8330 • 1-800-346-0250
www.elkhartbrass.com



37522000 REV. REL

