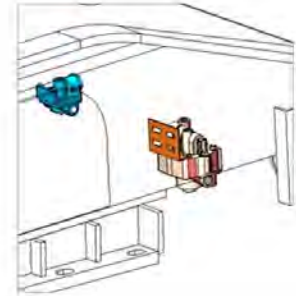


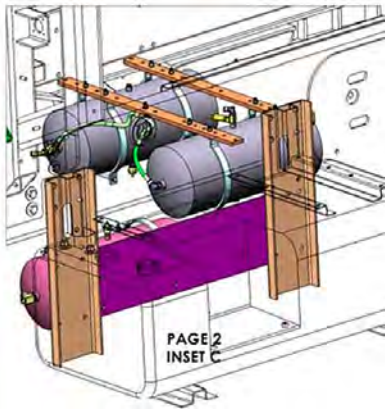
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INSET A



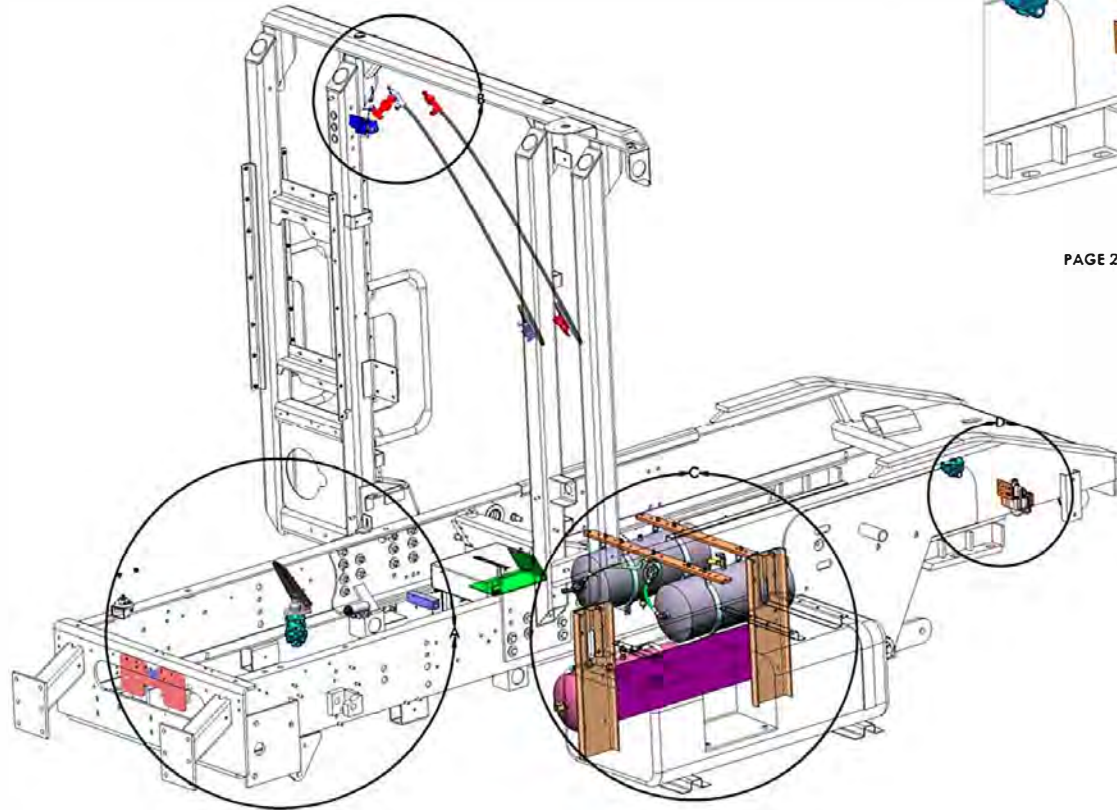
PAGE 2 INSET D



PAGE 2  
INSET B



PAGE 2  
INSET C

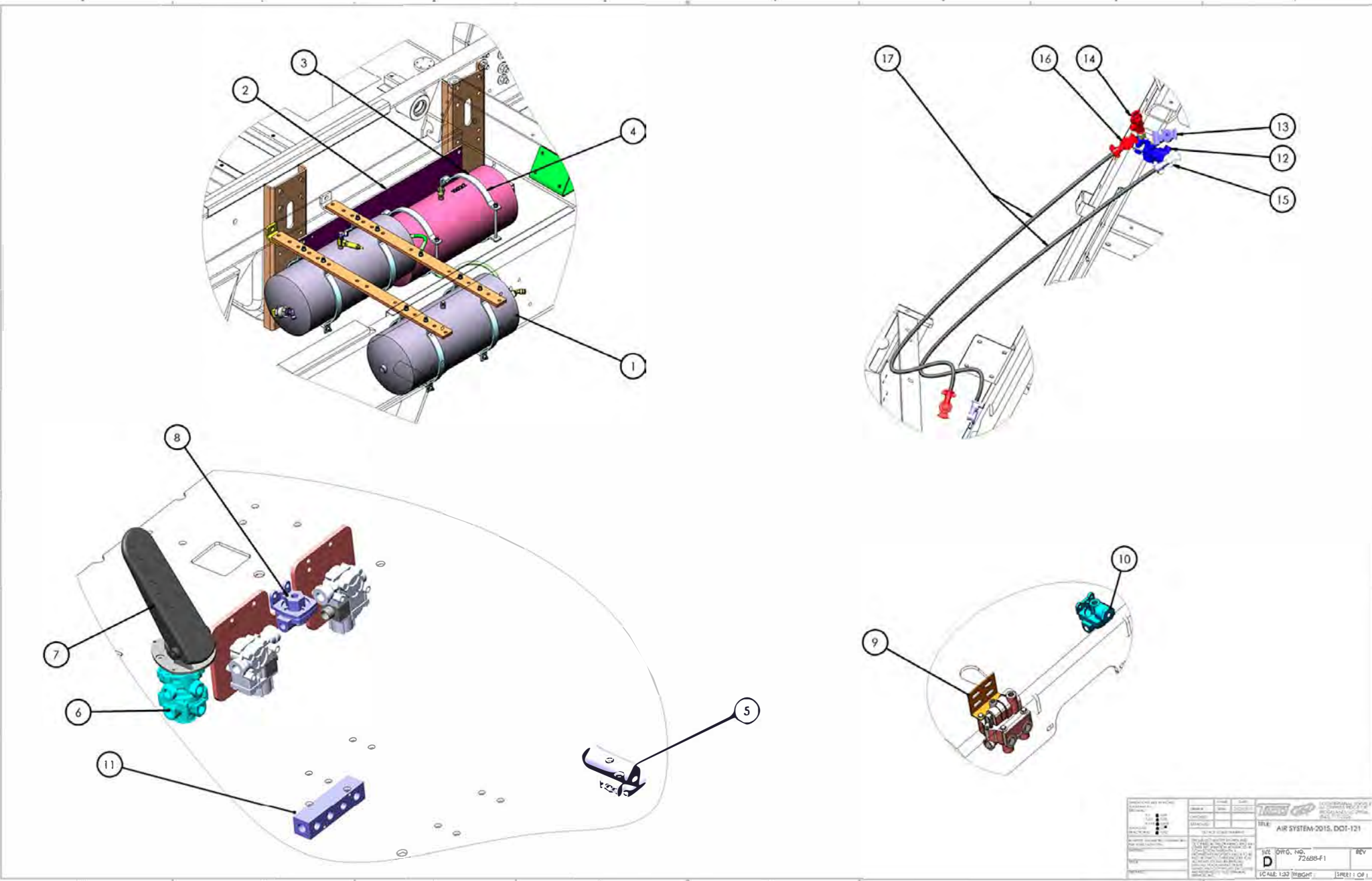


DESCRIPTION	DATE	BY	CHKD
DESIGNED			
DRAWN			
CHECKED			
APPROVED			
DO NOT SCALE DRAWING			
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REV	DATE	BY	CHKD
REVISION			

SCALE: 1:30	WEIGHT:	SHEET 1 OF 1
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D 72688-F1



APPROVED FOR RELEASE UNCLASSIFIED CONFIDENTIAL SECRET	TITLE AIR SYSTEM-2015, DOI-121	DATE 7/26/01
DRAWN BY DESIGNED BY CHECKED BY APPROVED BY	PART NO. 72688-F1	REV D
SCALE: 1:32 (WEIGHT) SHEET 1 OF 1	72688-F1	

TICO PRO-SPOTTER				
AIR SYSTEM, 2015, DOT-121, DUAL BRAKE VALVE, ABS				720847
ITEM	PART #	QTY/M		DESCRIPTION
	72688-F1	REF		AIR SYSTEM, 2015, DOT-121, DUAL BRAKE VALVE, ABS
	61769	REF		SCHEMATIC- SPLIT SYSTEM, 3 TANKS, ABS, DUAL VALVES
	40866	REF		AIR RESERVOIR ASSEMBLY
	<b>REF</b>	<b>NOTE: SET AIR GOVERNOR AT 120 PSI</b>		
1	42087	1		ASSEMBLY, AIR TANK, TWO TANKS
NOT SHOWN	12357	2		SUPPORT BAR, AIR TANK
NOT SHOWN	10032	2		RESERVOIR, AIR-10
NOT SHOWN	40393-1	8		BRACKET- AIR RESERVOIR MOUNT
NOT SHOWN	82394	9		BOLT, HEX 3/8-16 X 1 1/2 Lg
NOT SHOWN	85102	26		WASHER, 3/8
NOT SHOWN	85025	13		LOCKNUT, NYLOCK 3/8-16
NOT SHOWN	82603	4		BOLT, HEX 3/8-16 X 6 1/2 Lg
NOT SHOWN	40022	1		VALVE, AIR PRESSURE RELEASE
NOT SHOWN	40148	1		VALVE AIR TANK DRAIN
NOT SHOWN	40832	1		PUSH CONNECT, BRASS STR 1/2 MPT to 1/2 TUBE
NOT SHOWN	42064	2		PUSH CONNECT, 90 Deg 1/2 MPT to 1/2 TUBE
NOT SHOWN	40900	1		TEE, BRASS STREET - 1/4 NPT
NOT SHOWN	40822	1		PUSH CONNECT, 45 Deg 1/2 MPT x 1/2 TUBE
NOT SHOWN	40824	1		PLUG, HEX HD 1/4" NPT
NOT SHOWN	40826	1		CLAMP, LOOM 1/2"
NOT SHOWN	40029-1	1		VALVE CHECK AIRTANK (NEWSTYLE)
NOT SHOWN	42063	2		PUSH CONNECT, 90 Deg 1/4 MPT to 3/8 TUBE
NOT SHOWN	40817	1		ELBOW, 90 Deg STREET 1/2 NPT TO 1/2 FPT
NOT SHOWN	40848	1		TEE, BRASS STREET 1/2 NPT
NOT SHOWN	41076	1		TUBE, 1/2x 20" Lg
NOT SHOWN	82394	4		BOLT, HEX 3/8-16x 1 1/2 Lg
NOT SHOWN	85102	8		WASHER, FLAT 3/8
NOT SHOWN	85025	4		LOCKNUT 3/8-16 NYLOK
NOT SHOWN	71523	REF		3rd AIR RESERVOIR
2	12336	1		PLATE-RESERVOIR MOUNTING
NOT SHOWN	82385	4		BOLT, HEX 1/2-13 x 1 1/4 Lg
NOT SHOWN	85115	8		WASHER, FLAT 1/2
NOT SHOWN	85027	4		LOCKNUT, 1/2-13
3	10032	1		RESERVOIR, AIR
4	40393-1	4		BRACKET- AIR RESERVOIR MOUNT
NOT SHOWN	42265	1		FITTING, ELBOW 90°, BRASS 1/2 TUBE X 1/2 NPT
NOT SHOWN	40029-1	1		CHECK VALVE, AIR TANK
5	60023	1		GOVERNOR-D2 W/GASKET & 3 PLUGS
NOT SHOWN	80308	2		CAPSCREW-M8 X 1.25 X 70 LG
NOT SHOWN	85134	2		L'WASHER-5/16
NOT SHOWN	40857	3		FITTING, ELBOW 90°, BRASS 1/4 TUBE X 1/8 NPT
<b>REV</b>	<b>DATE</b>	<b>BY</b>		<b>SHEET</b>
B	6/10/2020	MAL		1 OF 5

TICO MANUFACTURING - RIDGELAND, SC 29936

TICO PRO-SPOTTER				
AIR SYSTEM, 2015, DOT-121, DUAL BRAKE VALVE, ABS				720847
ITEM	PART #	QTY/M	DESCRIPTION	
6	40547	1	VALVE-DUAL BRAKE, E-6	
7	90026	1	TREADLE-BRAKE	
NOT SHOWN	82360	3	BOLT-5/16 X 3/4	
NOT SHOWN	82371	3	BOLT-5/16 X 1	
NOT SHOWN	40821	2	FITTING, TEE-STREET BRASS, 3/8 NPT	
NOT SHOWN	40884	1	FITTING ELBOW 90° BRASS, 5/8 TUBE to 3/8 NPT	
NOT SHOWN	40874	2	FITTING, REDUCER-BRASS, 3/8 NPT X 1/4 NPTF	
NOT SHOWN	40881	2	FITTING, ELBOW, BRASS 45° 1/4 TUBE X 1/4 NPT	
NOT SHOWN	40819	2	FITTING, ELBOW 90° BRASS, 1/2 TUBE X 3/8 NPT	
NOT SHOWN	40823	5	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	91236	1	SWITCH- DUAL CIRCUIT NO-NC 4 PSI SET PRESS	
NOT SHOWN	40813	1	FITTING, REDUCER BUSHING, BRASS 1/4 NPT-1/8NPT	
8	40550	1	VALVE-BRAKE QUICK RELEASE QR-1	
NOT SHOWN	81546	2	CAPSCREW-5/16-18NC X 1 1/4LG	
NOT SHOWN	85101	2	WASHER, FLAT5/16	
NOT SHOWN	85024	2	LOCKNUT, 5/16-18 NYLOK	
NOT SHOWN	40864	2	FITTING, STR BRASS 3/8 TUBE, 3/8NPT	
NOT SHOWN	42064	1	FITTING, ELBOW 90°, BRASS 1/2 TUBE, 1/2NPT	
9	40572	1	VALVE-BOBTAIL/PROPORTIONING BP-R1 W/BRACKET	
NOT SHOWN	81535	2	BOLT-5/16 X 1	
NOT SHOWN	85090	4	WASHER-5/16	
NOT SHOWN	85035	2	NUT-5/16	
NOT SHOWN	40830	1	FITTING, ELBOW 45°, BRASS, 1/2 TUBE X 1/2 NPT	
NOT SHOWN	42064	2	FITTING, ELBOW 90°, BRASS 3/8 TUBE to 1/2 NPT, SWIVEL	
NOT SHOWN	42063	1	FITTING, ELBOW 90°, BRASS, 3/8 TUBE to 1/4 NPT	
NOT SHOWN	42112	1	FITTING, ELBOW 90°, BRASS, 3/8 TUBE to 1/8 NPT	
NOT SHOWN	80163	1	FITTING, PLUG ALLEN, BRASS 1/2" NPT	
NOT SHOWN	40841	1	FITTING, PLUG ALLEN, BRASS 3/8" NPT	
NOT SHOWN	40840	1	FITTING, ELBOW 90°, BRASS, 3/8 TUBE to 1/8 NPT	
10	10592	1	VALVE-BRAKE QUICK RELEASE QR-1C	
NOT SHOWN	81546	2	CAPSCREW-5/16-18NC X 1 1/4LG	
NOT SHOWN	85024	2	LOCKNUT-5/16	
NOT SHOWN	40864	1	FITTING-STR BRASS 3/8 TUBE X 3/8 NPT	
NOT SHOWN	40823	1	FITTING-90° BRASS 3/8 TUBE X 3/8 NPT	
NOT SHOWN	42063	1	FITTING-90° BRASS 3/8 TUBE X 1/4 NPT	
NOT SHOWN	40857	1	FITTING-90° BRASS 1/4 TUBE X 1/4 NPT	
REV	DATE	BY		SHEET
B	6/10/2020	MAL		2 OF 5
TICO MANUFACTURING - RIDGELAND, SC 29936				

**TICO PRO-SPOTTER**

**AIR SYSTEM, 2015, DOT-121, DUAL BRAKE VALVE, ABS**

**720847**

ITEM	PART #	QTY/M	DESCRIPTION	
11	10949	1	MANIFOLD-ASS'Y AIR	
NOT SHOWN	82201	2	CAPSCREW-5/16-18 X 3 LG HEX HD	
NOT SHOWN	80232	2	WASHER, FLAT 5/16	
NOT SHOWN	85209	2	LOCKNUT, 5/16-18	
NOT SHOWN	42119	1	FITTING, ELBOW 45° BRASS, 3/8 TUBE X 1/2 NPT	
NOT SHOWN	40833	2	FITTING, STR BRASS, 1/4 TUBE X 3/8 NPT	
NOT SHOWN	40840	3	FITTING, ELBOW 90° BRASS 1/4 TUBE X 3/8 NPT	
NOT SHOWN	40841	3	FITTING, PIPE PLUG, BRASS HEX 3/8 NPT	
NOT SHOWN	80163	1	FITTING, PIPE PLUG, BRASS HEX 1/2 NPT	
NOT SHOWN	11000	20 ft	TUBING-NYLON AIR BRAKE 1/4 YW	
NOT SHOWN	11020	20 ft	TUBING-NYLON AIR BRAKE 1/4 WH	
NOT SHOWN	11021	20 ft	TUBING-NYLON AIR BRAKE 1/4 BL	
NOT SHOWN	11003	20 ft	TUBING-NYLON AIR BRAKE 1/4 BK	
NOT SHOWN	11007	20 ft	TUBING-NYLON AIR BRAKE 3/8 RD	
NOT SHOWN	11001	20 ft	TUBING-NYLON AIR BRAKE 3/8 BL	
NOT SHOWN	11023	20 ft	TUBING-NYLON AIR BRAKE 3/8 GN	
NOT SHOWN	11026	20 ft	TUBING-NYLON AIR BRAKE 3/8 OR	
NOT SHOWN	11004	20 ft	TUBING-NYLON AIR BRAKE 3/8 BK	
NOT SHOWN	11013	20 ft	TUBING-NYLON AIR BRAKE 3/8 YW	
NOT SHOWN	11005	20 ft	TUBING-NYLON AIR BRAKE 1/2 BK	
NOT SHOWN	11009	20 ft	TUBING-NYLON AIR BRAKE 1/2 BL	
NOT SHOWN	11002	20 ft	TUBING-NYLON AIR BRAKE 1/2 RD	
NOT SHOWN	11014	20 ft	TUBING-NYLON AIR BRAKE 1/2 YW	
NOT SHOWN	11025	20 ft	TUBING-NYLON AIR BRAKE 5/8 BK	
NOT SHOWN	11024	20 ft	TUBING-NYLON AIR BRAKE 5/8 GN	
NOT SHOWN	40829	2	FITTING, BULKHD BRASS-1/4	
NOT SHOWN	40827	4	FITTING, BULKHD BRASS-3/8	
NOT SHOWN	42088	2	FITTING, BULKHD BRASS-1/2	
NOT SHOWN	40895	1	FITTING, TEE BRANCH BRASS, 3/8 TUBE 1/4 NPT	
NOT SHOWN	42121	1	FITTING, TEE BRANCH BRASS, 3/8 TUBE 3/8 NPT	
NOT SHOWN	40823	4	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	42063	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 1/4 NPT	
NOT SHOWN	42265	4	FITTING, ELBOW 90° BRASS, 1/2 TUBE X 1/2 NPT	
NOT SHOWN	40878	2	FITTING, ELBOW 90° BRASS, 5/8 TUBE X 1/2 NPT	
NOT SHOWN	50038-3	2	FITTING - HOSE W/ SPRING, 1/2" NPT x 3/8"	
<b>REV</b>	<b>DATE</b>	<b>BY</b>		<b>SHEET</b>
B	6/10/2020	MAL		3 OF 5

**TICO MANUFACTURING - RIDGELAND, SC 29936**

**TICO PRO-SPOTTER**

**AIR SYSTEM, 2015, DOT-121, DUAL BRAKE VALVE, ABS**

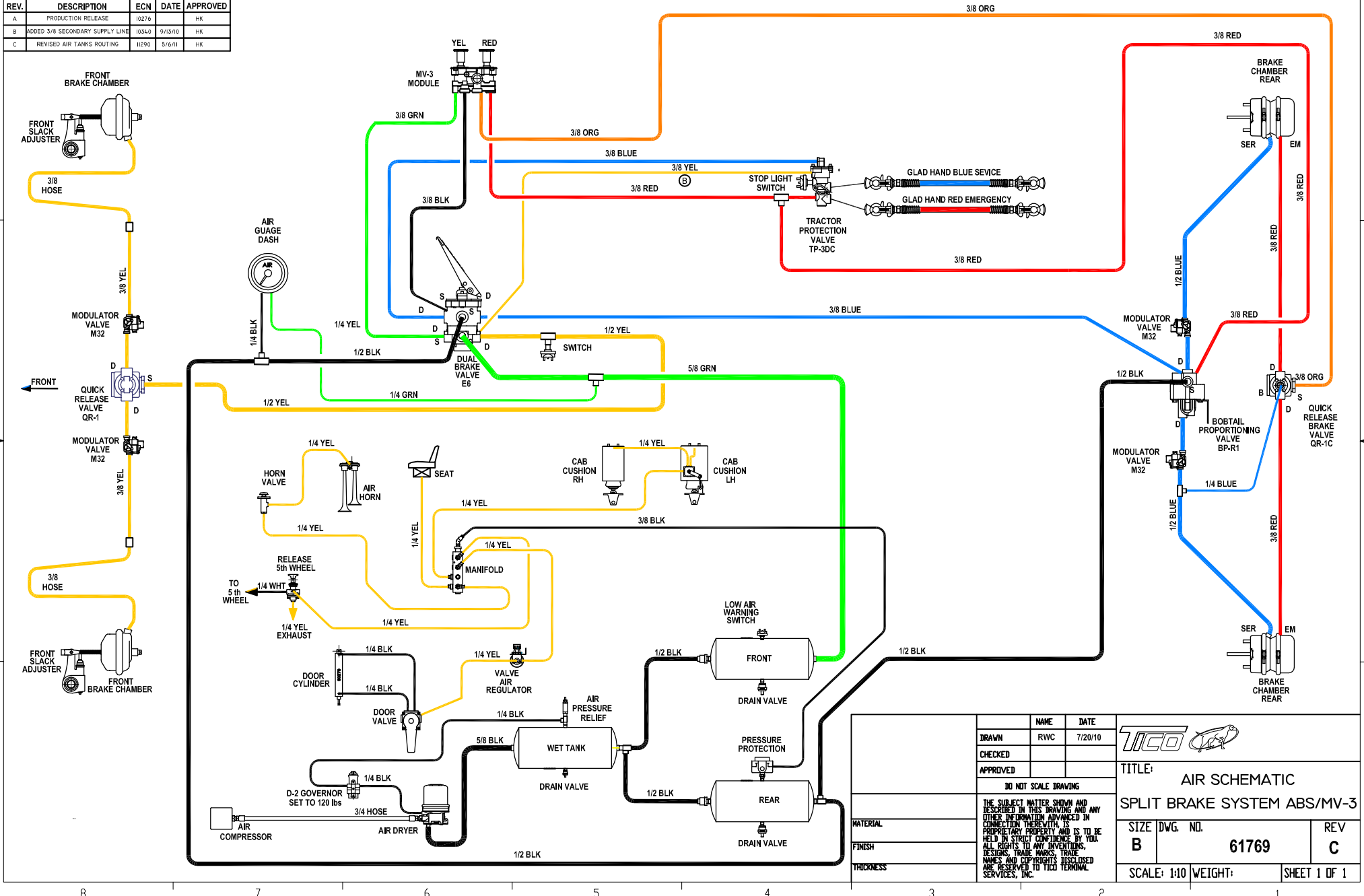
**720847**


ITEM	PART #	QTY/M	DESCRIPTION
NOT SHOWN	40829	1	BULKHD, BRASS-1/4
NOT SHOWN	40883	1	FITTING, STR 1/4 NPT TO 1/4 TUBE
NOT SHOWN	42063	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 1/4 NPT
NOT SHOWN	91272	1	SWITCH-PRESSURE, LOW AIR WARNING
NOT SHOWN	91271	1	BUZZER-LOW AIR WARNING, 75-95 Dba
NOT SHOWN	42298	1	FITTING-FEMALE BRANCH TEE, BRASS, 1/4 TUBE X 1/4 NPT
12	40635	1	VALVE-TRACTOR PROTECTION TP-3DC
NOT SHOWN	82459	2	BOLT-5/16 X 3 LG
NOT SHOWN	85090	4	WASHER-5/16
NOT SHOWN	85035	2	NUT-5/16
NOT SHOWN	90078	1	SWITCH-PRESSURE, STOP LIGHT, BENDIX SL-5
NOT SHOWN	42208	1	FITTING, STREET ELBOW 90°, 1/4 NPT
NOT SHOWN	42063	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 1/4 NPT
NOT SHOWN	40823	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 3/8 NPT
NOT SHOWN	40906	1	FITTING, NIPPLE-HEX BRASS, 3/8 NPT
NOT SHOWN	42240	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 3/8 NPTF
13	50224	1	GLADHAND-BLUE, CAST IRON
14	50225	1	GLADHAND-RED, CAST IRON
15	50038-1	2	GLADHAND-BLUE, ALUM
16	50039-1	2	GLADHAND-RED, ALUM
17	50303	2	HOSE ASSY-TRAILER AIR 3/8 X 15 FT
NOT SHOWN	10356	1	SPRING
NOT SHOWN	920285	1	CLAMP, TRAILER HOSE, 3 CAVITY
NOT SHOWN	40799	2	FITTING, CLOSE NIPPLE BRASS, 1/2 NPT
NOT SHOWN	40899	2	FITTING, STREET ELBOW 45° BRASS, 1/2 NPT
NOT SHOWN	91966	1	VALVE-INVERSION TR-3
NOT SHOWN	40885	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 1/8 NPT, SWIVEL
NOT SHOWN	40861	2	FITTING, ELBOW 90° BRASS, 1/4 TUBE X 1/4 NP, SWIVEL
NOT SHOWN	42273	1	FITTING - UNION TEE, BRASS, 3/8" TUBE

REV	DATE	BY	SHEET
B	6/10/2020	MAL	4 OF 5



REV.	DESCRIPTION	ECN	DATE	APPROVED
A	PRODUCTION RELEASE	102716		HK
B	ADDED 3/8" SECONDARY SUPPLY LINE	10340	9/15/10	HK
C	REVISED AIR TANKS ROUTING	11290	3/6/11	HK



	NAME	DATE			
	DRAWN	RWC			7/20/10
	CHECKED				
	APPROVED			TITLE:	
DO NOT SCALE DRAWING			AIR SCHEMATIC		
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MATERIAL			SIZE DWG. NO.	REV	
FINISH			B	61769	
THICKNESS			SCALE: 1:10	WEIGHT:	
				SHEET 1 OF 1	