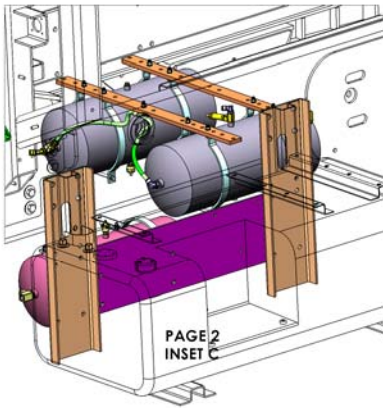


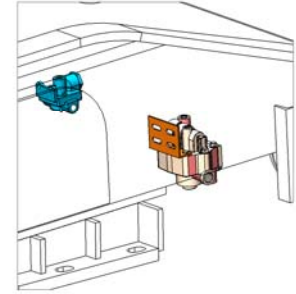
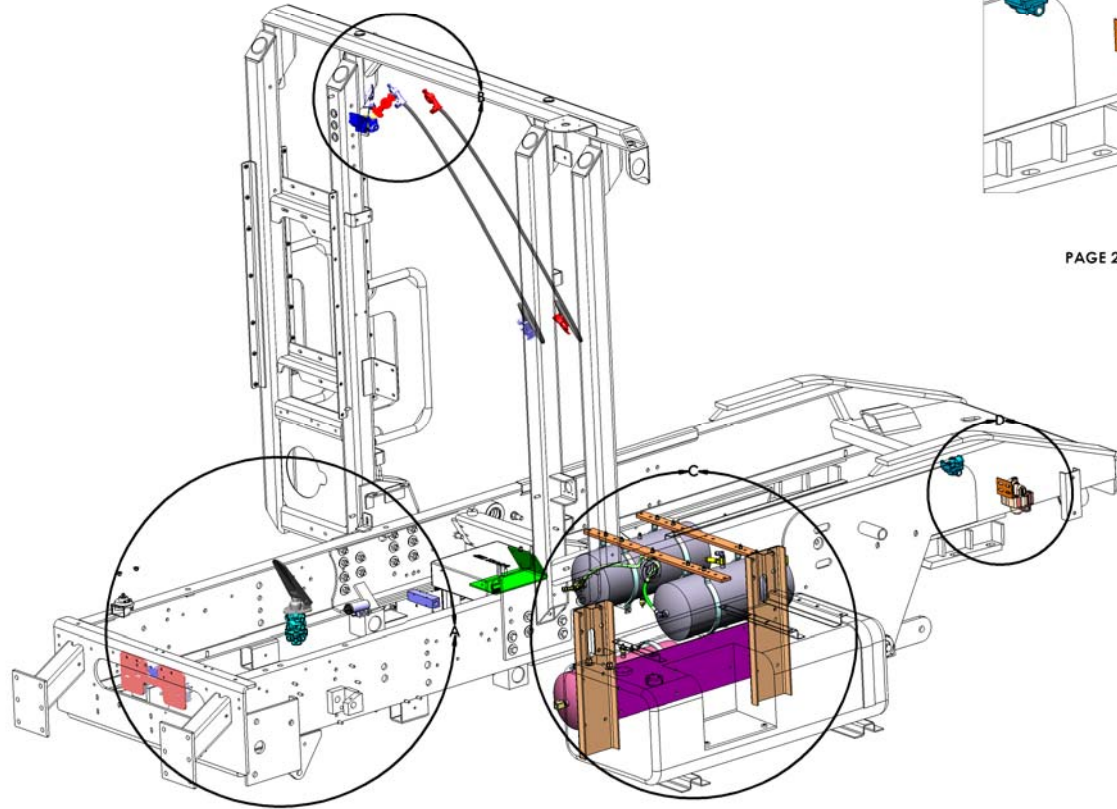
PAGE 2  
INSET A



PAGE 2  
INSET B



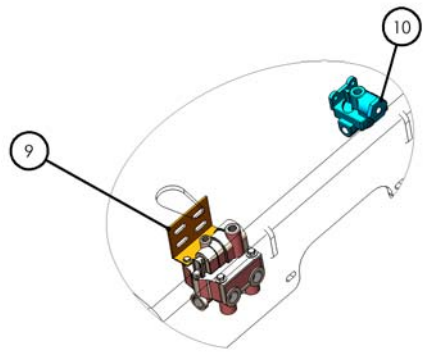
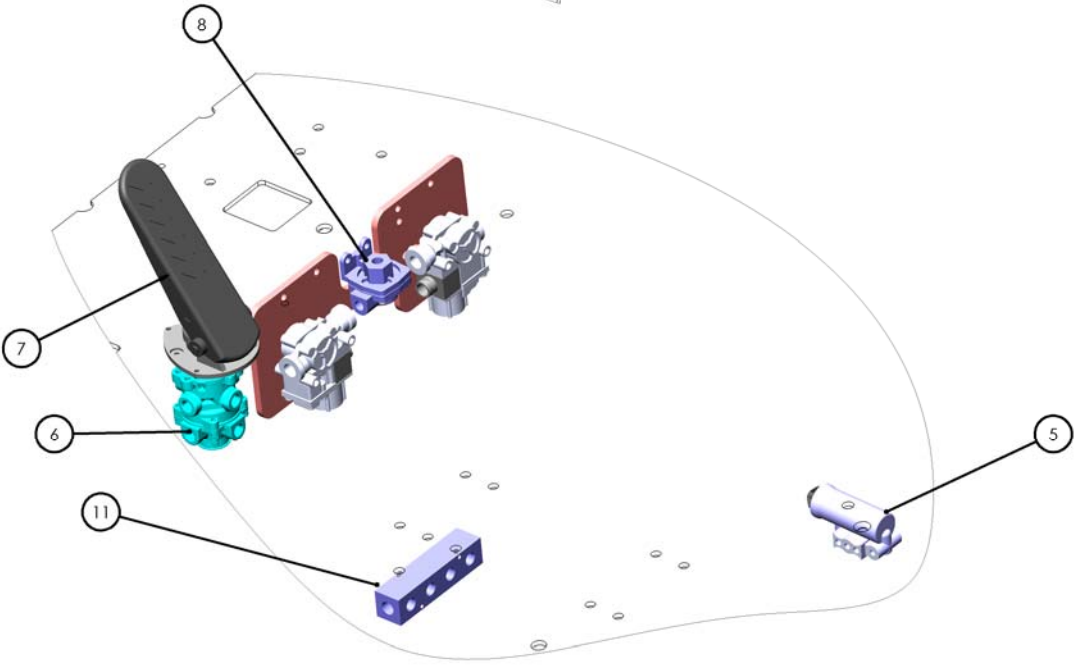
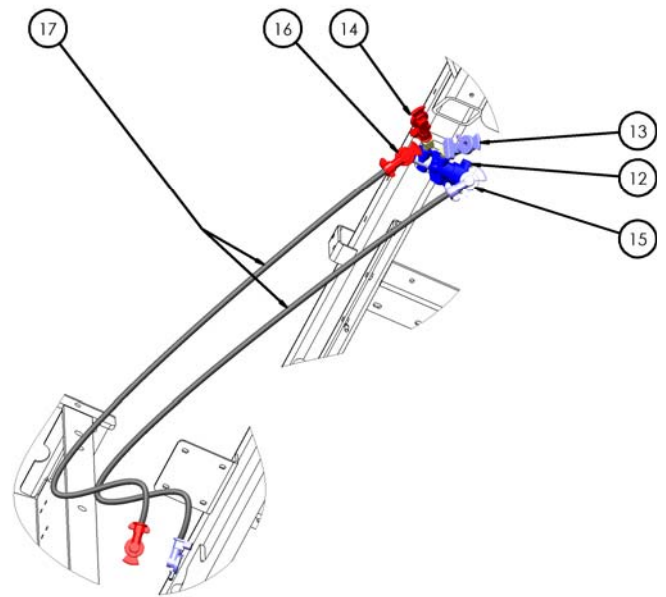
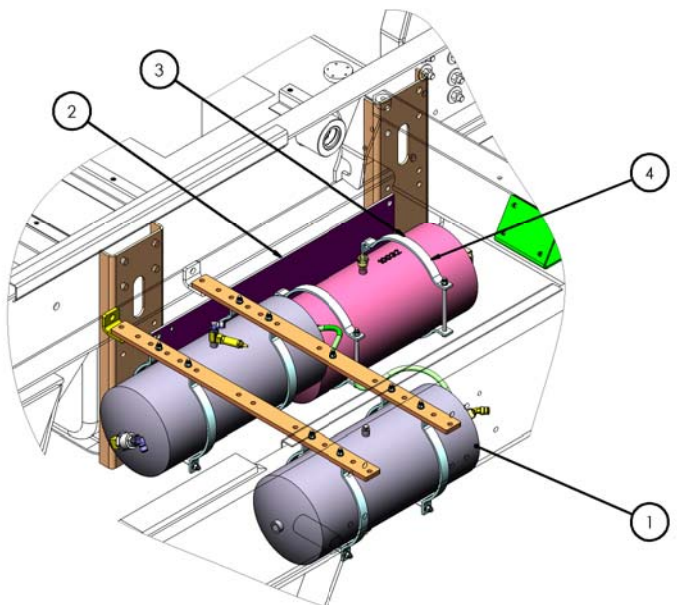
PAGE 2  
INSET C



PAGE 2 INSET D

DESIGNED BY: B. H. BROWN	NAME	DATE	TICCO TERMINAL SERVICE 400 CLEVELAND BOULEVARD ROCKVILLE, MD 20850 (301) 717-2000
DRAWN: MAL	MAL	2/23/2017	
CHECKED:			TITLE: AIR SYSTEM, 2015, DOT-121
ANGULAR DIMENSIONS:	DO NOT SCALE DRAWING		
ASSEMBLY DIMENSIONS:	THE SUBJECT MATTER SHOWN AND DESCRIBED IN THIS DRAWING AND ANY FIGURES, TABLES, AND NOTES ARE THE PROPERTY OF TICCO AND ARE TO BE USED ONLY FOR THE PURPOSES SPECIFIED HEREIN. NO PARTS OF THIS DRAWING ARE TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.		
REVISION:	SIZE	DWG. NO.	REV
	D	72688-F1	
	SCALE: 1:32	WEIGHT:	SHEET 1 OF 1

D 72688-F1



CHECKED	DATE	NAME	DATE
DESIGNED		BAKERS	02/22/2017
DRAWN			
CHECKED			
DATE			
REVISION			
DESCRIPTION			
DATE			
BY			
REVISION			

		U.S. COAST GUARD AUXILIARY SERVICE 1000 TERMINAL SERVICE AIR C/17682 POUCE C/17 8445 717 2204
TITLE: AIR SYSTEM-2015, DOT-121		
SIZE [DWG. NO.] <b>D</b> 72688-F1	REV 1	SCALE: 1:32   WEIGHT:   SHEET 1 OF 1

D 72688-F1

TICO PRO-SPOTTER				
AIR SYSTEM, 2015, DOT-121, DUAL BRAKE VALVE, ABS				72688
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>
F	2/23/2017	MAL		1 OF 5

**TICO PRO-SPOTTER**

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

**72688**

<b>ITEM</b>	<b>PART #</b>	<b>QTY/M</b>	<b>DESCRIPTION</b>	
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/BACKET	
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	
<b>REV</b>	<b>DATE</b>	<b>BY</b>		<b>SHEET</b>
F	02/23/2017	MAL		2 OF 5

**TICO PRO-SPOTTER**

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

**72688**

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>
F	02/23/2017	MAL	3 OF 5

**TICO MANUFACTURING - RIDGELAND, SC 29936**

**TICO PRO-SPOTTER**

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

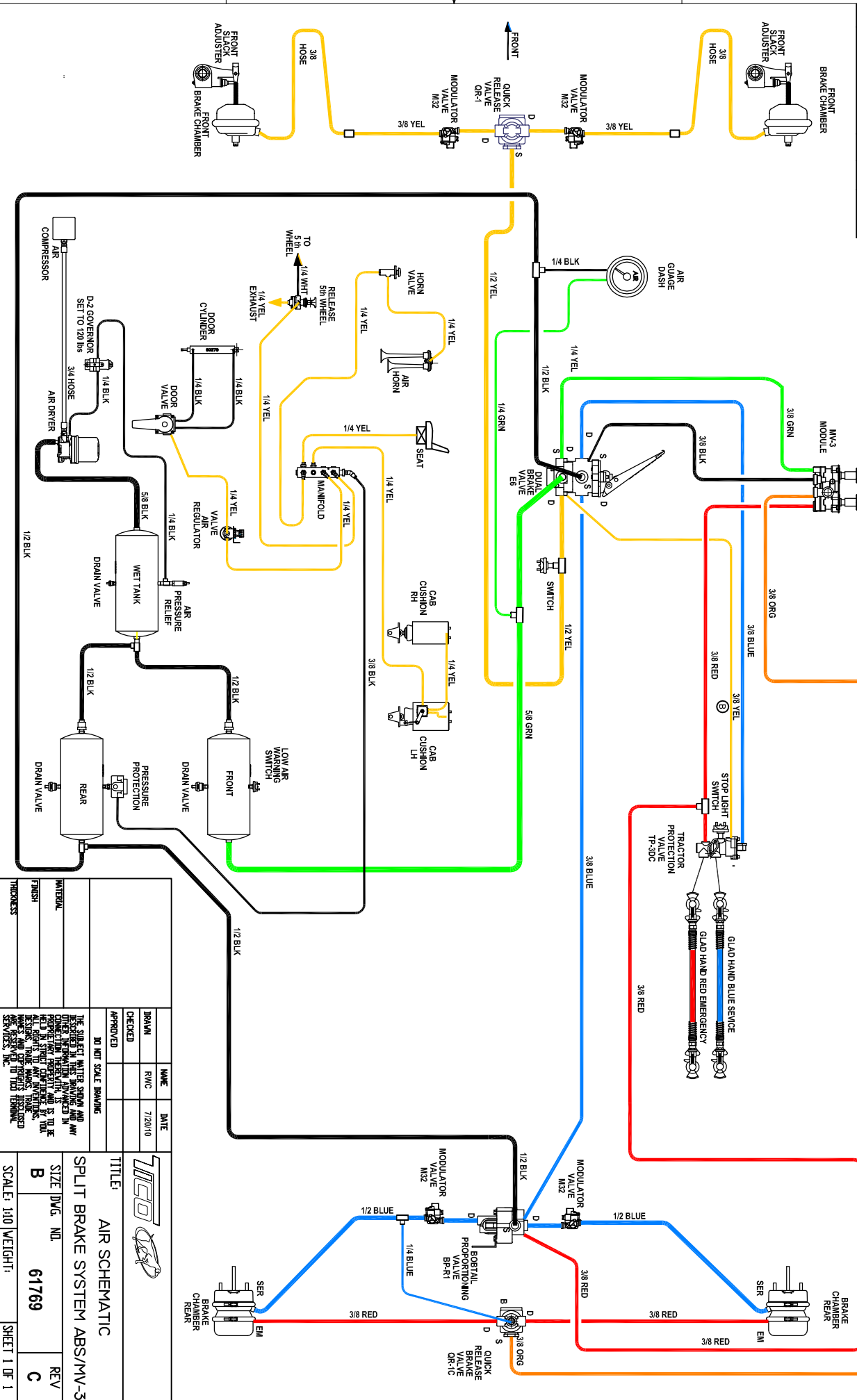
**72688**

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
F	02/23/2017	MAL	4 OF 5



REV	DESCRIPTION	EON	DATE	APPROVED
A	PRODUCTION RELEASE	10274		HK
B	ISSUED 3/8 SECONDARY SUPPLY LINE	10340	3/13/10	HK
C	REVISED AIR TANKS ROUTING	11250	3/16/11	HK



**TITEL** AIR SCHEMATIC

**SIZE** DWG. NDL  
**REV** 61769

**SCALE** 1/10 WEIGHT: SHEET 1 OF 1

NAME	DATE
DRAWN	7/20/10
CHECKED	
APPROVED	

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