



UNFINISHED ARE IN INCHES	DATE	06/27/2015	WECO	WECO/PERMANAL SERVICE
TOLERANCES UNLESS OTHERWISE SPECIFIED:	DESIGN	SMK		66 CYPRESS RIDGE CIR.
FRACTIONAL .005	REVISED	PH	04/08/2014	ROCKLAND, SC 29554
DECIMAL .005	REVISION	PH	05/04/2014	(843) 717-2225
ANGULAR .1°	DO NOT SCALE DRAWING			
WELDING .005	THE SUBJECT MATTER SHOWN AND DESCRIBED IN THE DRAWING AND ANY OTHER SPECIFICATIONS, SPECIFICATIONS, AND REQUIREMENTS PERTAINING TO THE SAME SHALL BE GOVERNED BY THE CONTRACT AND ALL RIGHTS TO ANY INVENTOR OR PATENT ARE RESERVED TO THE CONTRACTOR.			
OTHER	ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE TO FACE UNLESS OTHERWISE SPECIFIED.			
FINISH	ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE TO FACE UNLESS OTHERWISE SPECIFIED.			
REVISION	REVISION			
TITLE			ASSEMBLY, AIR SYSTEM, 2-TANK	
SIZE	DWG. NO.		REV	
D	721194-B1			
			SHEET 1 OF 1	

1-21 (BA) AIR SYSTEM, COE 114 4F

TICO PRO-SPOTTER				
S/N:		ASSEMBLY, AIR SYSTEM, 2-TANK		721194
ITEM	PART #	QTY/M	DESCRIPTION	
	721194-A1	REF	ASSEMBLY, AIR SYSTEM, 2-TANK	
	42087-E1	REF	ASSEMBLY, AIR RESERVOIR, 2-TANK	
	620539	REF	SCHEMATIC, AIR, SPLIT SYSTEM, 2 TANK, FIFTH RELEASE INHIBIT PP1 AND PP3 VALVES	
	90094	REF	TRAILER BRAKE, PP1	
	90095	REF	TRACTOR BRAKE, PP3	
		NOTE:	INSTALL TRACTOR PROTECTION VALVE WITH GLADHANDS ON BOTTOM SIDE OF VALVE.	
		NOTE:	SET AIR GOVERNOR AT 120 PSI.	
1	42087	1	ASSEMBLY, AIR TANK, 2-TANK (SEE ASSEMBLY 42087 FOR INDIVIDUAL PARTS)	
NOT SHOWN	40771	1	VALVE, PRESSURE PROTECTION, 70 PSI	
NOT SHOWN	82394	4	BOLT, HEX 3/8-16 X 1 1/2 LONG	
NOT SHOWN	85091	8	WASHER, FLAT, 3/8-16	
NOT SHOWN	85025	4	LOCKNUT, NYLON, 3/8-16	
NOT SHOWN	40875	2	VALVE, DOUBLE CHECK	
NOT SHOWN	40846	2	FITTING, ADAPTER STRAIGHT, BRASS, 3/8 NPT X 3/8 TUBE	
NOT SHOWN	40823	4	FITTING, ADAPTER, 90°, BRASS, 3/8 NPT X 3/8 TUBE	
2	40572	1	VALVE, BOBTAIL/PROPORTIONING, BP-R1 (WITH BRACKET)	
NOT SHOWN	81535	2	BOLT, 5/16 X 1 LONG	
NOT SHOWN	85090	4	BOLT, 5/16 X 1 LONG	
NOT SHOWN	85024	2	LOCKNUT, NYLON, 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 X 1/2 NPT SWIVEL	
NOT SHOWN	42063	1	FITTING, ELBOW, 90°, BRASS, 3/8 TUBE X 1/4 NPT	
NOT SHOWN	42112	1	FITTING, ELBOW, 90°, BRASS, 3/8 TUBE X 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 X 1/8 NPT	
3	10592	1	VALVE, BRAKE, QUICK RELEASE, QR-1C	
NOT SHOWN	81546	2	CAPSCREW, 5/16-18 X 1 1/4 LONG	
NOT SHOWN	85024	2	LOCKNUT, NYLON, 5/16	
NOT SHOWN	40864	1	FITTING, STRAIGHT, BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	40823	1	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	40857	1	FITTING, ELBOW, 90°, BRASS, 1/4 TUBE X 1/4 NPT	
NOT SHOWN	40875	2	VALVE, DOUBLE CHECK	
NOT SHOWN	40846	2	FITTING, ADAPTER STRAIGHT, BRASS, 3/8 NPT X 3/8 TUBE	
NOT SHOWN	40823	4	FITTING, ADAPTER 90°, BRASS, 3/8 NPT X 3/8 TUBE	
REV	DATE	BY		SHEET
B	08/17/2016	PW/MPC		1 OF 4

TICO PRO-SPOTTER

S/N:	ASSEMBLY, AIR SYSTEM, 2-TANK	721194
-------------	-------------------------------------	---------------

ITEM	PART #	QTY/M	DESCRIPTION
4	90295	1	VALVE, AIR REGULATOR
NOT SHOWN	90295-1	1	FITTING, ADAPTER 90°, BRASS, 1/4 TUBE X 1/4 NPT
NOT SHOWN	90295-2	1	FITTING, ADAPTER, STRAIGHT, BRASS, 1/4 TUBE X 1/4 NPT
NOT SHOWN	82370	2	BOLT, HEX, 1/4-20 X 1 LONG
NOT SHOWN	85091	4	WASHER, FLAT, 3/8
NOT SHOWN	85025	2	LOCKNUT, NYLON, 3/8-16
5	60023	1	GOVERNOR, D2 (WITH GASKET & 3 PLUGS)
NOT SHOWN	80308	2	CAPSCREW, M8 X 1.25 X 70 LONG
NOT SHOWN	85134	2	LOCKWASHER, 5/16
NOT SHOWN	40857	3	FITTING, ELBOW, 90°, BRASS, 1/4 TUBE X 1/8 NPT
6	90026	1	TREADLE, BRAKE
7	40547	1	VALVE, DUAL BRAKE, E-6
NOT SHOWN	82360	3	BOLT, HEX HEAD, 5/16-18 X 3/4 LONG
NOT SHOWN	82371	3	BOLT, HEX HEAD, 5/16-18 X 1 LONG
NOT SHOWN	40821	2	FITTING, STREET TEE, BRASS, 3/8 NPT
NOT SHOWN	40884	1	FITTING, ELBOW, BRASS, 90°, 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, BRASS, 90°, 1/2 TUBE X 3/8 NPT
NOT SHOWN	40823	5	FITTING, ELBOW, BRASS, 90°, 3/8 TUBE X 3/8 NPT
NOT SHOWN	40813	1	FITTING, REDUCER BUSHING, BRASS, 1/4 NPT-1/8 NPT
8	91966	1	VALVE, INVERSION, TR-3
NOT SHOWN	40885	1	FITTING, ELBOW, BRASS, 90°, 3/8 TUBE X 1/8 NPT SWIVEL
NOT SHOWN	40861	2	FITTING, ELBOW, BRASS, 90°, 1/4 TUBE X 1/4 NPT SWIVEL
NOT SHOWN	42273	1	FITTING, UNION TEE, BRASS, 3/8 TUBE
9	40550	1	VALVE, BRAKE, QUICK RELEASE, QR-1
NOT SHOWN	81546	2	CAPSCREW, 5/16-18 X 1 1/4 LONG
NOT SHOWN	85101	2	WASHER, FLAT, 5/16-18
NOT SHOWN	85024	2	LOCKNUT, NYLON, 5/16-18
NOT SHOWN	40864	2	FITTING, STRAIGHT, BRASS, 3/8 TUBE X 3/8 NPT
NOT SHOWN	42064	1	FITTING, ELBOW, BRASS, 90°, 1/2 TUBE, 1/2NPT
10	90078	1	SWITCH, PRESSURE, STOP LIGHT, BENDIX SL-5
NOT SHOWN	42234	1	FITTING, TEE STREET, BRASS, 3/8 X 3/8 X 1/4
NOT SHOWN	40823	1	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

REV	DATE	BY		SHEET
B	08/17/2016	PW/MPC		2 OF 4

TICO PRO-SPOTTER

S/N:	ASSEMBLY, AIR SYSTEM, 2-TANK	721194
-------------	-------------------------------------	---------------

ITEM	PART #	QTY/M	DESCRIPTION
11	10949	1	ASSEMBLY, MANIFOLD, AIR
NOT SHOWN	82201	2	CAPSCREW, HEX HEAD, 5/16-18 X 3 LONG
NOT SHOWN	80232	2	WASHER, FLAT, 5/16-18
NOT SHOWN	85209	2	LOCKNUT, NYLON, 5/16-18
NOT SHOWN	42119	1	FITTING, ELBOW, BRASS, 45°, 3/8 TUBE X 1/2 NPT
NOT SHOWN	40833	2	FITTING, STRAIGHT, BRASS, 1/4 TUBE X 3/8 NPT
NOT SHOWN	40840	3	FITTING, ELBOW, BRASS, 90°, 1/4 TUBE X 3/8 NPT
NOT SHOWN	40841	3	FITTING, PIPE PLUG, HEX HEAD, BRASS, 3/8 NPT
NOT SHOWN	80163	1	FITTING, PIPE PLUG, HEX HEAD, BRASS, 1/2 NPT
12	40687	2	ASSEMBLY, HOSE (FRONT BRAKE CHAMBER)
NOT SHOWN	40817	2	FITTING, STREET, ELBOW, BRASS, 90°, 1/2 NPT
13	62253	1	BRACKET, HOSE GUIDE
14	50038-1	3	GLADHAND, ALUMINUM, BLUE
15	50039-1	3	GLADHAND, ALUMINUM, RED
16	90069	1	VALVE, TRACTOR PROTECTION
17	40899	2	FITTING, STREET, ELBOW, BRASS, 45°, 1/2 NPT
18	40799	2	FITTING, CLOSE NIPPLE, BRASS, 1/2 NPT
NOT SHOWN	82459	2	BOLT, 5/16-18 X 3 LONG
NOT SHOWN	85090	4	WASHER, FLAT, 5/16-18
NOT SHOWN	85024	2	LOCKNUT, NYLON, 5/16-18
19	50303	2	HOSE ASSEMBLY, TRAILER AIR, 3/8 X 15 FEET
20	10356	1	SPRING
21	40080	1	HOSE CLAMP, TRAILER
NOT SHOWN	11000	20 ft	TUBING, NYLON, AIR BRAKE, YELLOW, 1/4
NOT SHOWN	11020	20 ft	TUBING, NYLON, AIR BRAKE, WHITE, 1/4
NOT SHOWN	11021	20 ft	TUBING, NYLON, AIR BRAKE, BLUE, 1/4
NOT SHOWN	11003	20 ft	TUBING, NYLON, AIR BRAKE, BLACK, 1/4
NOT SHOWN	11007	20 ft	TUBING, NYLON, AIR BRAKE, RED, 3/8
NOT SHOWN	11001	20 ft	TUBING, NYLON, AIR BRAKE, BLUE, 3/8
NOT SHOWN	11023	20 ft	TUBING, NYLON, AIR BRAKE, GREEN, 3/8
NOT SHOWN	11026	20 ft	TUBING, NYLON, AIR BRAKE, ORANGE, 3/8
NOT SHOWN	11004	20 ft	TUBING, NYLON, AIR BRAKE, BLACK, 3/8
NOT SHOWN	11013	20 ft	TUBING, NYLON, AIR BRAKE, YELLOW, 3/8
NOT SHOWN	11005	20 ft	TUBING, NYLON, AIR BRAKE, BLACK, 1/2
NOT SHOWN	11009	20 ft	TUBING, NYLON, AIR BRAKE, BLUE, 1/2
NOT SHOWN	11002	20 ft	TUBING, NYLON, AIR BRAKE, RED, 1/2
NOT SHOWN	11014	20 ft	TUBING, NYLON, AIR BRAKE, YELLOW, 1/2
NOT SHOWN	11025	20 ft	TUBING, NYLON, AIR BRAKE, BLACK, 5/8
NOT SHOWN	11024	20 ft	TUBING, NYLON, AIR BRAKE, GREEN, 5/8

REV	DATE	BY		SHEET
B	08/17/2016	PW/MPC		3 OF 4

