



AIR SYSTEM, 2017-III OFF ROAD
 PAGE 1 GENERAL OVERVIEW
 PAGE 2 DETAIL PAGE
 PAGE 3 DETAIL PAGE
 PAGE 4-8 PART LIST

REVISED: ARE IN PINKS	DATE	BY	CHKD	DATE	BY
DESIGNED: [initials]	1/22/2016	[initials]	[initials]		
CHECKED: [initials]					
APPROVED: [initials]					
FUNCTIONAL: [initials]					
REVIEW: [initials]					
DATE: [initials]					
SCALE: 1:1					
NOTE: [initials]					
SCALE: 1:32	WEIGHT: 8065.75	SHEET 3 OF 3			

D 721893-C1

TITLE: AIR SYSTEM, 2017-III OFF ROAD
 SIZE: D DWG. NO: 721893-C1 REV: [blank]
 SCALE: 1:32 WEIGHT: 8065.75 SHEET 3 OF 3

TICO PRO-SPOTTER				
AIR SYSTEM, 2017-III, OFF ROAD, DUAL SYS, 3-TANKS				721893
ITEM	PART #	QTY/M	DESCRIPTION	
	721893-C1	REF	AIR SYSTEM, 2017-III, OFF ROAD, DUAL SYS, 3-TANKS	
	620902	REF	AIR SCHEMATIC, 2017 CAB-III, SPLIT BRAKE SYSTEM, OFF-ROAD, R-14 VALVE	
1	42087	1	ASSEMBLY, AIR TANK, TWO TANKS	
2	82394	4	BOLT, HEX 3/8" - 16 x 1 1/2" Lg	
3	85102	8	WASHER, FLAT 3/8"	
4	85025	4	LOCKNUT, 3/8" - 16 NYLOK	
NOT SHOWN	40029-1	2	CHECK VALVE, AIR TANK	
	71523	REF	3rd AIR RESERVOIR	
5	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	
6	10032	1	RESERVOIR, AIR	
7	40393-1	4	BRACKET, AIR RESERVOIR MOUNT	
NOT SHOWN	42064	2	ELBOW, BRASS 90° 1/2 TUBE to 1/2 NPT	
NOT SHOWN	40029-1	1	CHECK VALVE, AIR TANK	
8	60023	1	GOVERNOR, D2	
NOT SHOWN	80308	2	CAPSCREW, M8 x 1.25 x 70 LG	
NOT SHOWN	85134	2	LOCKWASHER, 5/16"	
9	40854	1	ADAPTER, 1/8 NPT, 1/4 COMPRESSION, STR	
NOT SHOWN	40860	1	ADAPTER, 1/8 NPT, 1/4 COMPRESSION, 90	
10	40547	1	VALVE, DUAL BRAKE, E-6	
11	90026	1	TREADLE, BRAKE	
NOT SHOWN	82360	3	BOLT, 5/16" x 3/4" Lg	
NOT SHOWN	82371	3	BOLT, 5/16" x 1" Lg	
12	40819	2	FITTING, ELBOW, 90°, BRASS, 1/2 TUBE X 3/8 NPT	
13	42187	2	FITTING, STR, BRASS, 1/2 TUBE X 3/8 NPT	
NOT SHOWN	11041	4	FITTING, PLUG, 3/8 NPT	
14	42260	1	FITTING, REDUCER BUSHING, BRASS, 3/8 NPT X 1/8NPT	
15	91236	1	SWITCH, DUAL CIRCUIT NO-NC 4 PSI SET PRESS	
16	122130	1	MANIFOLD-SUPPLY REAR, 2 x 1/2" NPT, 2 x 3/8" NPT	
NOT SHOWN	80323	2	SCREW, PAN HD, #10-32 x 2 Lg, SS	
NOT SHOWN	80232	4	WASHER, FLAT, SAE, #10, SS	
NOT SHOWN	800424	2	NUT, #10-32, NYLOK, SS	
17	40822	1	FITTING, ELBOW, 45°, BRASS, 1/2 TUBE X 1/2 NPT	
18	40822	1	FITTING, ELBOW, 45°, BRASS, 1/2 TUBE X 1/2 NPT	
19	40823	1	FITTING, ELBOW, 90°, BRASS, 3/8 TUBE X 3/8 NPT	
20	11041	1	FITTING, PLUG, 3/8 NPT	
REV	DATE	BY		SHEET
C	3/22/2018	MAL		1 OF 5

TICO PRO-SPOTTER				
AIR SYSTEM, 2017-III, OFF ROAD, DUAL SYS, 3-TANKS				721893
ITEM	PART #	QTY/M	DESCRIPTION	
21	122130	1	MANIFOLD-SUPPLY FRONT, 2 x 1/2" NPT, 2 x 3/8" NPT	
NOT SHOWN	80323	2	SCREW, PAN HD, #10-32 x 2 Lg, SS	
NOT SHOWN	80232	4	WASHER, FLAT, SAE, #10, SS	
NOT SHOWN	800424	2	NUT, #10-32, NYLOK, SS	
22	40830	1	FITTING, ELBOW, 45°, BRASS, 5/8 TUBE X 1/2 NPT	
23	42265	1	FITTING, ELBOW, 90°, BRASS, 1/2 TUBE X 1/2 NPT	
24	40823	1	FITTING, ELBOW, 90°, BRASS, 3/8 TUBE X 3/8 NPT	
25	11041	1	FITTING, PLUG, 3/8 NPT	
26	122130	1	MANIFOLD-DELIVERY REAR, 2 x 1/2" NPT, 2 x 3/8" NPT	
NOT SHOWN	80323	2	SCREW, PAN HD, #10-32 x 2 Lg, SS	
NOT SHOWN	80232	4	WASHER, FLAT, SAE, #10, SS	
NOT SHOWN	800424	2	NUT, #10-32, NYLOK, SS	
27	42119	1	FITTING, ELBOW, 45°, BRASS, 3/8 TUBE X 1/2 NPT	
28	42265	1	FITTING, ELBOW, 90°, BRASS, 1/2 TUBE X 1/2 NPT	
29	40823	1	FITTING, ELBOW, 90°, BRASS, 3/8 TUBE X 3/8 NPT	
30	11041	1	FITTING, PLUG, 3/8 NPT	
31	122130	1	MANIFOLD-DELIVERY FRONT, 2 x 1/2" NPT, 2 x 3/8" NPT	
NOT SHOWN	80323	2	SCREW, PAN HD, #10-32 x 2 Lg, SS	
NOT SHOWN	80232	4	WASHER, FLAT, SAE, #10, SS	
NOT SHOWN	800424	2	NUT, #10-32, NYLOK, SS	
32	40822	1	FITTING, ELBOW, 45°, BRASS, 1/2 TUBE X 1/2 NPT	
33	42265	1	FITTING, ELBOW, 90°, BRASS, 1/2 TUBE X 1/2 NPT	
34	40823	1	FITTING, ELBOW, 90°, BRASS, 3/8 TUBE X 3/8 NPT	
35	11041	1	FITTING, PLUG, 3/8 NPT	
36	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	
37	40864	2	FITTING, STR BRASS 3/8 TUBE, 3/8NPT	
38	42064	1	FITTING, ELBOW 90°, BRASS 1/2 TUBE, 1/2NPT	
39	42061	1	VALVE, RELAY R-14 W/ BRACKET	
NOT SHOWN	82360	2	BOLT, HEX 5/16-18 x 3/4	
NOT SHOWN	85090	4	WASHER, FLAT 5/16	
NOT SHOWN	85024	2	LOCKNUT, 5/16-18 NYLOK	
40	42063	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 1/4 NPT	
41	42064	2	FITTING, ELBOW 90° BRASS, 1/2 TUBE X 1/2 NPT	
42	40822	1	FITTING, ELBOW 45° BRASS, 1/2 TUBE X 1/2 NPT	
43	40752	1	FITTING, REDUCER, BRASS, 3/4 MNPT X 1/2 NPT	
44	10592	1	VALVE-BRAKE QUICK RELEASE QR-1C	
45	81546	2	CAPSCREW, 5/16"-18 UNC x 1-1/4" Lg	
46	85035	2	LOCKNUT, 5/16"-18	
REV	DATE	BY		SHEET
C	3/22/2018	MAL		2 OF 5

TICO PRO-SPOTTER				
AIR SYSTEM, 2017-III, OFF ROAD, DUAL SYS, 3-TANKS				721893
ITEM	PART #	QTY/M	DESCRIPTION	
NOT SHOWN	40864	2	FITTING, ADAPTER STR, BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	40823	1	FITTING, ELBOW 90°, BRASS, 3/8 TUBE X 3/8 NPT	
47	10949	1	MANIFOLD-ACCESSORY AIR	
NOT SHOWN	82459	2	CAPSCREW-5/16-18 X 3 LG HEX HD	
NOT SHOWN	80232	2	WASHER-5/16	
NOT SHOWN	80209	2	LOCKNUT-5/16	
48	40833	2	FITTING, ADAPTER STR, BRASS, 1/4" TUBE X 3/8" NPT	
49	40887	4	FITTING, ELBOW 90°, BRASS, 1/4" TUBE X 3/8" NPT, SWIVEL	
50	42064	1	FITTING, ELBOW 90°, BRASS, 1/2" TUBE X 1/2" NPT, SWIVEL	
51	40841	2	PLUG, HEX SOCKET HD 3/8" NPT	
52	80163	1	PLUG, HEX SOCKET HD 1/2" NPT	
53	90069	1	VALVE-TRACTOR PROTECTION (TP-3)	
NOT SHOWN	82459	2	BOLT, 5/16-18 X 3 LG	
NOT SHOWN	85090	4	WASHER, FLAT 5/16	
NOT SHOWN	85024	2	LOCKNUT, 5/16-18 NYLOK	
54	90078	1	SWITCH-PRESSURE, STOP LIGHT, BENDIX SL-5	
55	42234	1	FITTING, STREET TEE, BRASS, 3/8 X 3/8 X 1/4	
56	40823	1	FITTING, ELBOW 90°, BRASS, 3/8 TUBE X 3/8NPT	
57	42063	1	FITTING, ELBOW 90°, BRASS, 3/8 TUBE X 1/4NPT	
58	40799	2	FITTING, CLOSE NIPPLE BRASS, 1/2 NPT	
59	40899	2	FITTING, STREET ELBOW 45° BRASS, 1/2 NPT	
60	50038-1	3	GLADHAND - BLUE	
61	50039-1	3	GLADHAND - RED	
62	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	
63	40799	2	FITTING, CLOSE NIPPLE, BRASS, 1/2 NPT	
64	40899	2	FITTING, STREET ELBOW 45°, BRASS, 1/2 NPT	
65	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	
66	40864	1	FITTING-STR BRASS 3/8 TUBE X 3/8 NPT	
67	40823	1	FITTING-90° BRASS 3/8 TUBE X 3/8 NPT	
68	42063	1	FITTING-90° BRASS 3/8 TUBE X 1/4 NPT	
69	40857	1	FITTING-90° BRASS 1/4 TUBE X 1/4 NPT	
REV	DATE	BY		SHEET
C	3/22/2018	MAL		3 OF 5
TICO MANUFACTURING - RIDGELAND, SC 29936				

TICO PRO-SPOTTER				
AIR SYSTEM, 2017-III, OFF ROAD, DUAL SYS, 3-TANKS				721893
ITEM	PART #	QTY/M	DESCRIPTION	
70	91966	1	VALVE-INVERSION TR-3	
71	40885	1	FITTING, ELBOW 90° BRASS, 3/8 TUBE X 1/8 NPT, SWIVEL	
72	40861	2	FITTING, ELBOW 90° BRASS, 1/4 TUBE X 1/4 NP, SWIVEL	
73	42273	1	FITTING - UNION TEE, BRASS, 3/8" TUBE	
74	122136	1	BULKHEAD PLATE FOR AIR FITTINGS, 2017-II	
75	420319	4	FITTING, BULKHD, BRASS, 3/8 TUBE, PUSH TO CONNECT	
76	420318	4	FITTING, BULKHD, BRASS, 1/4 TUBE, PUSH TO CONNECT	
NOT SHOWN	40827	2	FITTING, BULKHD, BRASS, 3/8 NPT	
77	40821	2	FITTING, STREET TEE, BRASS, 3/8 NPT	
78	40864	4	FITTING, STR, BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	42260	2	FITTING, REDUCER, 3/8 NPT X 1/8 NPT	
NOT SHOWN	420385	2	FITTING, STREET ELBOW 90°, BRASS, 1/8 NPT	
79	910607	2	SENDER - PRESSURE, 150 PSI, 23-240 OHMS, 2-STUDS	
80	90295	1	VALVE, AIR REGULATOR	
NOT SHOWN	82370	2	BOLT, HEX 1/4-20 X 1 Lg	
NOT SHOWN	85111	4	WASHER, FLAT 3/8	
NOT SHOWN	85034	2	LOCKNUT, 3/8-16	
NOT SHOWN	40875	2	VALVE, DOUBLE CHECK	
NOT SHOWN	85090	2	WASHER, 5/16"	
NOT SHOWN	85035	2	NUT, 5/16"	
NOT SHOWN	40846	4	FITTING, ADAPTER STR, BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	40823	2	FITTING, ELBOW 90°, BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	40829	2	FITTING, BULKHD, BRASS, 1/4 NPT LONG	
NOT SHOWN	40827	4	FITTING, BULKHD, BRASS, 3/8 NPT	
NOT SHOWN	42088	2	FITTING, BULKHD, BRASS, 1/2 NPT	
NOT SHOWN	40823	8	FITTING, ELBOW 90°, BRASS, 3/8 TUBE X 3/8 NPT	
NOT SHOWN	40848	1	FITTING, STREET TEE, BRASS, 1/2 NPT	
NOT SHOWN	40878	2	FITTING, ELBOW 90°, BRASS, 5/8 TUBE X 1/2 NPT	
NOT SHOWN	40817	2	FITTING, STREE ELBOW 90°, BRASS, 1/2 NPT	
NOT SHOWN	62253	1	BRACKET- HOSE GUIDE	
NOT SHOWN	90094	1	TRAILER BRAKE PP1	
NOT SHOWN	90095	1	TRACTOR BRAKE PP3	
NOT SHOWN	40817	2	FITTING, STREET ELBOW 90° BRASS, 1/2 NPT	
NOT SHOWN	40687	2	HOSE ASSY -FRONT BRAKE CHAMBER	
NOT SHOWN	62253	1	BRACKET - HOSE GUIDE	
REV	DATE	BY		SHEET
C	3/22/2018	MAL		4 OF 5
TICO MANUFACTURING - RIDGELAND, SC 29936				

