



DIMENSIONS ARE IN INCHES		NAME	DATE	TICO MANUFACTURING 44 CYPRUS ROAD DR. ROCKLAND, NC 27854 (843) 717-2226
DRAWN	MAL	12/15/2017		
CHECKED				TITLE: BATTERY & WIRING
APPROVED				
UNITS: INCHES		DO NOT SCALE DRAWING		
ANGULAR: 1/16"		THE SUBJECT MATTER SKETCH AND		
FRACCTIONAL: 1/32"		DISCREPANCY TO THE DRAWING AND ANY		
		CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE		
		DRAWING AND ANY REVISIONS THEREON.		
		ALL RIGHTS TO ANY INVENTION OR		
		PATENT RIGHTS RESERVED BY TICO		
		MANUFACTURING SHALL BE IN ACCORDANCE WITH		
		THE DRAWING AND ANY REVISIONS THEREON.		
		SCALE: 1:32 [WEIGHT: 4388.59] SHEET 1 OF 1		

D 721739-G1

TICO PRO-SPOTTER

BATTERY & WIRING-2017-II CAB, PSI-LNG, LH ACCESS, GALV

721739

ITEM	PART #	QTY/M	DESCRIPTION
	721739-G1	REF	BATTERY & WIRING, QSB3, RDS 2 BATTERIES
1	200379	1	ASSEMBLY, BATTERY BOX, GALV
	200377	1	BASE-BATTERY BOX, GALV
	200375	1	COVER, BATTERY BOX, GALV
2	20030-11	2	KIT,RUBBER LATCH
	90114	3	GROMMET DUAL BATTERY BOX
	80196	8	SCREW, PAN HD 10-32 x 3/4" LG
	80239	8	WASHER, FLAT 10-32 SS
	80209	8	LOCKNUT, 10-32
3	82485	4	BOLT, 5/8 -11 x 3.5 Lg - BATTERY BOX to FRM
4	85028	4	LOCKNUT NYLOK, 5/8-13
5	85094	8	WASHER, FLAT 5/8
6	91814	2	BATTERY-31 SERIES, 730 CCA, 12V
7	20075	2	BATTERY HOLD DOWN
8	20012	4	ASSEMBLY, J-BOLT
	20012-1	4	J-BOLT x 1/4-20 - BATTERY HOLD DOWN
	80129	4	WASHER, FENDER 1/4-20
	85023	4	LOCKNUT, NYLON, 1/4-20
	20077	4	COUPLING, EYE 1/4-20
	20012-4	4	WASHER, .25 x 1.25 x .88 GRAY PLASTIC
9	85111	8	WASHER, FLAT 1/4
10	82359	4	BOLT, HEX 1/4-20 X 3/4
11	90120	3	GROMMET
12	40210-2	2	RUBBER MAT
13	85133	4	LOCKWASHER, 1/4
14	12070	1	BRACKET - BATTERY STOP
15	82371	1	BOLT, HEX 5/16-18 X 1" LG
16	85002	1	NUT, HEX 5/16-18
17	85112	2	FLATWASHER 5/16
NOT SHOWN	910535	1	BUSSBAR-GROUNDING, 4 X 1/4" STUDS
NOT SHOWN	910585	1	CABLE, 6 GAUGE, BLK, 1/4" x 3/8" x 42" LG
18	122044	1	BRACKET, CABLE MANAGEMENT (2017-II)

REV	DATE	BY	SHEET
G	12/6/2017	MAL	1 OF 5

TICO PRO-SPOTTER				
BATTERY & WIRING-2017-II CAB, PSI-LNG, LH ACCESS, GALV				721739
ITEM	PART #	QTY/M	DESCRIPTION	
NOT SHOWN	85133	4	LOCKWASHER, 1/4	
19	91249	1	BACKUP ALARM ASSEMBLY, SMART ALARM	
NOT SHOWN	50226	1	BACKUP ALARM, STANDARD, GROTE	
NOT SHOWN	80129	2	WASHER, FENDER 1/4-20 x 1 1/4 OD	
NOT SHOWN	85111	2	WASHER, FLAT 1/4	
NOT SHOWN	85133	2	LOCKWASHER, 1/4	
NOT SHOWN	85023	2	NUT, HEX NYLOK 1/4-20	
20	90843	1	CABLE - 3/0 RED BATTERY JUMPER 9 1/2 HTH	
21	90844	1	CABLE - 3/0 BLK BATTERY JUMPER 9 1/2 HTH	
22	90957	2	BATTERY BUSS BAR	
NOT SHOWN	910577	1	CABLE - 2/0, RED, 3/8" X 3/8", 37" LG (BATTERY to PDC)	
NOT SHOWN	910578	1	CABLE - 6 GAUGE, BLK, 3/3" X3/8", 24" LG (BATTERY to PDC)	
NOT SHOWN	910598	1	CABLE - 2/0, BLACK, 5/16" x 3/8" , 135" LG (BATTERY TO CAB)	
NOT SHOWN	910349	1	CABLE-1/0 BLACK, BATTERY TO BLOCK, 96"	
NOT SHOWN	910348	1	CABLE-1/0 RED BATTERY TO STARTER,82"	
NOT SHOWN	910347	1	CABLE-2 GA RED ALT TO STARTER, 48"	
NOT SHOWN	910350	1	CABLE- 2 GA BLACK, ALTERNATOR TO BLOCK, 26"	
NOT SHOWN	91229	4	COVER-BATTERY POST (RED)	
NOT SHOWN	91230	4	COVER-BATTERY POST (BLACK)	
NOT SHOWN	82361	1	BOLT, HEX 3/8-16 X 3/4" LG (PSI ENGINE BLOCK GROUND)	
NOT SHOWN	620635	1	HARNESS-WIRE, 2017 CAB, MAIN DASH, PSI ENGINES	
NOT SHOWN	61521	1	WIRE HARNESS - CAB ACC. (1 FANS/DOME LGT)	
NOT SHOWN	620631-2	1	HARNESS-WIRE, 2017 CHASSIS INTERFACE, FRONT MOUNT PDC, BRAID	
NOT SHOWN	62084	1	WIRE HARNESS - TAIL LIGHTS 128" WB	
NOT SHOWN	620856	1	HARNESS-WIRE, DOOR CONTROL RELAYS, 2017-II CAB	
NOT SHOWN	91154	1	FLASHER-HD	
NOT SHOWN	910434	1	FUSE-MAXI, 60 AMP	
NOT SHOWN	910435	1	FUSE-MAXI, 80 AMP	
NOT SHOWN	910436	1	RELAY-70 AMP, POWER RELAY, CAB IGNITION	
NOT SHOWN	910518	2	RELAY-MICRO, 35A, 12VDC	
REV	DATE	BY		SHEET
G	12/6/2017	MAL		2 OF 5

TICO PRO-SPOTTER

BATTERY & WIRING-2017-II CAB, PSI-LNG, LH ACCESS, GALV

721739

ITEM	PART #	QTY/M	DESCRIPTION	
36	122129	1	BRACKET, PDC GROUND BUS 2017-II	
NOT SHOWN	800419	2	NUT, HEX, NYLOCK 1/4-20, SS	
NOT SHOWN	800425	2	SCREW, BUTTON HD SOCKET CAP 1/4-20 X 1" LG, SS	
NOT SHOWN	80311	4	WASHER, FLAT 1/4, SS	
37	122153	1	BRACKET, CHASSIS PDC MOUNT RH 2017-II	
38	82394	2	BOLT, HEX 3/8-16 x 1.25 Lg	
39	85091	4	WASHER, FLAT NARROW HARD 3/8	
40	85025	2	LOCKNUT, NYLOCK 3/8-16	
41	122154	1	BRACKET, CHASSIS PDC MOUNT LH 2017-II	
42	82397	3	BOLT, HEX 5/8-16 x 1.50 Lg	
43	85094	6	WASHER, FLAT NARROW HARD 5/8	
44	85028	2	LOCKNUT, NYLOCK 5/8-16	
NOT SHOWN	910506	5	PLUG, NEMA W/GASKET, 1/2" TRADE SIZE	
45	920333	2	NEMA BREATHER KIT	
46	122309	1	BUS BAR, BREAKER TO AMETEK SOLENOID 2017-II	
47	122124	1	BUS BAR, FUSE HOLDER TO BREAKER 2017-II	
48	910445	3	CORD GRIP, LIQUID TIGHT, .25-.38 GRIP, 1/2" TRADE, PLASTIC	
49	910447	3	CORD GRIP, LIQUID TIGHT, .50-.63 GRIP, 3/4" TRADE, PLASTIC	
50	60015-1	1	SOLENOID- 100A CONTINUOUS RATED	
51	80219	2	SCREW, BUTTON HD SOCKET CAP 1/4-20 X 3/4 LG, SS	
52	800419	2	NUT, HEX, NYLOCK 1/4-20, SS	
53	80311	4	WASHER, FLAT 1/4,SS	
NOT SHOWN	91280	2	NUT, HEX w/ TOOTH WASHER, 5/16"-18 PLATED	
NOT SHOWN	91282	2	NUT, HEX w/ TOOTH WASHER, 10-32,PLATED	
NOT SHOWN	91269	1	HARNESS-ASSEMBLY DIODE,#10 RING	
54	122126	2	SEAL, CHASSIS PDC BOX SHORT 2017-II	
55	122142	2	SEAL, CHASSIS PDC BOX LONG 2017-II	
56	61870	1	CIRCUIT BREAKER, FLDM SERIES 120A	
NOT SHOWN	800425	2	SCREW, BUTTON HD SOCKET CAP 1/4-20 X 1", SS	
NOT SHOWN	80311	2	WASHER, FLAT 1/4,SS	
NOT SHOWN	800419	2	NUT, HEX, NYLOCK 1/4-20, SS	
REV	DATE	BY		SHEET
G	12/6/2017	MAL		4 OF 5

TICO PRO-SPOTTER

BATTERY & WIRING-2017-II CAB, PSI-LNG, LH ACCESS, GALV

721739

ITEM	PART #	QTY/M	DESCRIPTION	
56	61866	3	AMG/MEGA FUSE HOLDER W/COVER	
NOT SHOWN	121604	3	PDC BUS BAR WASHER	
NOT SHOWN	800424	8	NUT, HEX, NYLOCK, #10-32, SS	
NOT SHOWN	80218	8	SCREW, BUTTON HD SOCKET CAP 10-32 X 3/4, SS	
NOT SHOWN	80232	16	WASHER, FLAT, SAE, #10, SS	
57	61867	2	AMG/MEGA FUSE 125A	
58	61868	1	AMG/MEGA FUSE 250A	
59	910500	1	SEALED POWER DISTRIBUTION MODULE	
NOT SHOWN	80218	2	SCREW, BUTTON HD SOCKET CAP 10-32 X 3/4, SS	
NOT SHOWN	800424	2	NUT, HEX, NYLOCK, #10-32, SS	
NOT SHOWN	80232	4	WASHER, FLAT, SAE, #10, SS	
NOT SHOWN	910552	1	CONNECTOR, 4-WAY, DEUTSCH, FLANGED	
NOT SHOWN	910553	1	CONNECTOR, LOCK, 4-WAY, DEUTSCH	
NOT SHOWN	800427	4	NUT, HEX, NYLOCK, #6-32, SS	
NOT SHOWN	800426	4	SCREW, BUTTON HD SOCKET CAP 6-32 X 1/2, SS	
NOT SHOWN	910543	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, BATTERY 3	
NOT SHOWN	910541	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, IGNITION 2	
NOT SHOWN	910542	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, SPITTER VALVE PWR/GROUND	
NOT SHOWN	910544	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, TRAILER PWR/GROUND	
NOT SHOWN	910546	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, IGNITION-SOLENOID	
NOT SHOWN	910548	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, GROUND CPDC TO SOLENOID	
NOT SHOWN	910549	1	ASSEMBLY-WIRE, 2017 CHASSIS PDC, GROUND, SOLENOID TO BUSSBAR	
NOT SHOWN	910551	20	PLUG, CAVITY DELPHI WEATHER PACK, METRI-PACK	
NOT SHOWN	910457	1	CONNECTOR, 2-WAY, PACKARD, MALE	
NOT SHOWN	910550	1	CONNECTOR, 2-WAY, WEATHER PACK TOWER	
NOT SHOWN	910526	1	CONNECTOR, 2 WAY, FEMALE, METRIPACK	
NOT SHOWN	91034	2	LOCK,CONNECTOR, 2 WAY, SHROUD	
NOT SHOWN	91033	1	CONNECTOR, 2 WAY, SHROUD	
NOT SHOWN	121604	3	PDC BUS BAR WASHER	
NOT SHOWN	620741	1	HARNES-WIRES, RELOCATE CAB TILT SWITCH, LP/CNG	
REV	DATE	BY		SHEET
G	12/6/2017	MAL		5 OF 5