

Service Letter

Replacement/Obsolescence of the Power Unit Model 315, PN P4-01-0030 used in the Model EF-2C Rechargeable Flashlight System PN P2-07-0009-520

General

This service letter is intended to inform users of the replacement/obsolescence of the Power Unit Model 315 Part Number (PN) P4-01-0030 used in the Model EF-2C Rechargeable Flashlight System PN P2-07-0009-520.

Information

The Power Unit Model 315 PN P4-01-0030 used in the Model EF-2C Rechargeable Flashlight System will no longer be available after April 4, 2010. It will be replaced with Power Unit Model 316 PN P4-01-1003.

The difference between the Power Units is the 315 Power Unit uses NiCad cells and the 316 Power Unit uses NiMH cells. All other operational and functional characteristics are the same.

Due to environmental reasons, the manufacturing of NiCad cells is being phased out.

Retrofit and Interchangeability

The 315 Power Unit and the 316 Power Unit are fully interchangeable.

Instructions

Replace the Power Unit Model 315 PN P4-01-0030 with the Power Unit Model 316 per CMM Y3-01-0034 (25-60-11), Model EF-2C Rechargeable Flashlight System.

Performance

All performance factors are the same, with one improvement. The useable life of the flashlight is approximately 30 minutes longer with the -316 Power Unit installed.

Publications Affected

CMM Y3-01-0034 (25-60-11), Model EF-2C Rechargeable Flashlight System, Section 10001 - Illustrated Parts List, currently only lists the P4-01-0030 and will be updated in the first quarter of 2010 to reflect the addition of the P4-01-1003 Part Number as shown in Figure 1.

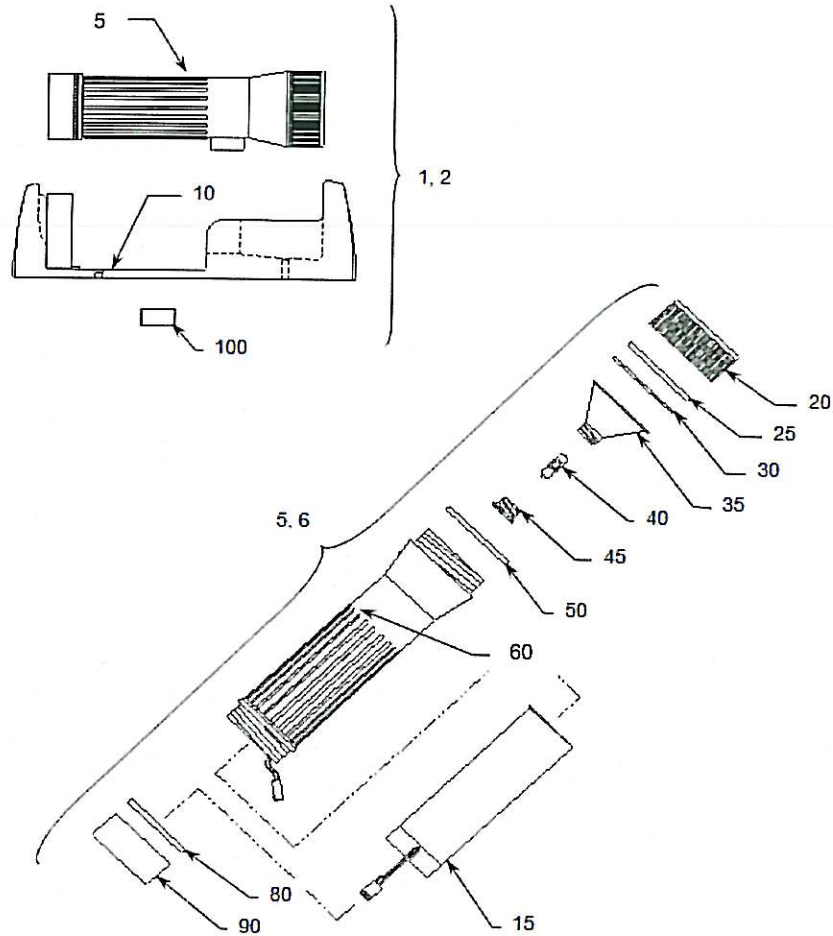


Figure 1 Model EF-2C Rechargeable Flashlight System

FIG. ITEM	PART NUMBER	NOMENCLATURE	EFF. CODE
1-1	P2-07-0009-120	Model EF-2C, Rechargeable Flashlight System, 28 VDC	A
5	P2-07-0011-100	Model EF-2C, Flashlight Assembly, 28 VDC, w/o automatic shut-off circuit, w/o Battery Pack (V55827)	A
1-2	P2-07-0009-520	Model EF-2C, Rechargeable Flashlight System, 28 VDC, w/ automatic shut-off circuit (V55827)	B
6	P2-07-0011-500	Model EF-2C, Flashlight Assembly, 28 VDC, w/ automatic shut-off circuit, w/o Battery Pack (V55827)	B
10	P2-07-0005-120	Model EF-2C, Bracket Assembly, 28 VDC	A, B
15	P4-01-0030	Power Unit, Model 315 (NiCad) - No longer available for procurement after April 4, 2010 - use P4-01-1003-001	A, B

15	P4-01-1003-001	Power Unit, Model 316 (NiMh)	A, B
20	A1-18-0068-100	Top Cap	A, B
25	A1-25-0002	Lens Seal Gasket	A, B
30	A1-18-0010	Lens	A, B
35	A1-17-0031	Reflector	A, B
40	A1-14-0001-002	Lamp	A, B
45	A1-18-0015	Lamp Retainer	A, B
50	A1-25-0015	Top Cap O-ring	A, B
60	A3-06-0233-500	Flashlight Body w/automatic shut-off circuitry	A, B
80	A1-25-0014	Bottom Cap O-ring	A, B
90	A1-18-0067-100	Bottom Cap	A, B
100	A3-06-0255	Connector Assembly	A, B

Additional Information

Please contact the Astronics DME Corporation at the numbers or address below for additional information.

Astronics DME Corporation
Sales/Marketing Department
6830 NW 16th Terrace
Ft. Lauderdale, FL 33309

Phone: 954-975-2163
Fax: 954-979-3313
E-mail: DMEinfo@astronics.com