

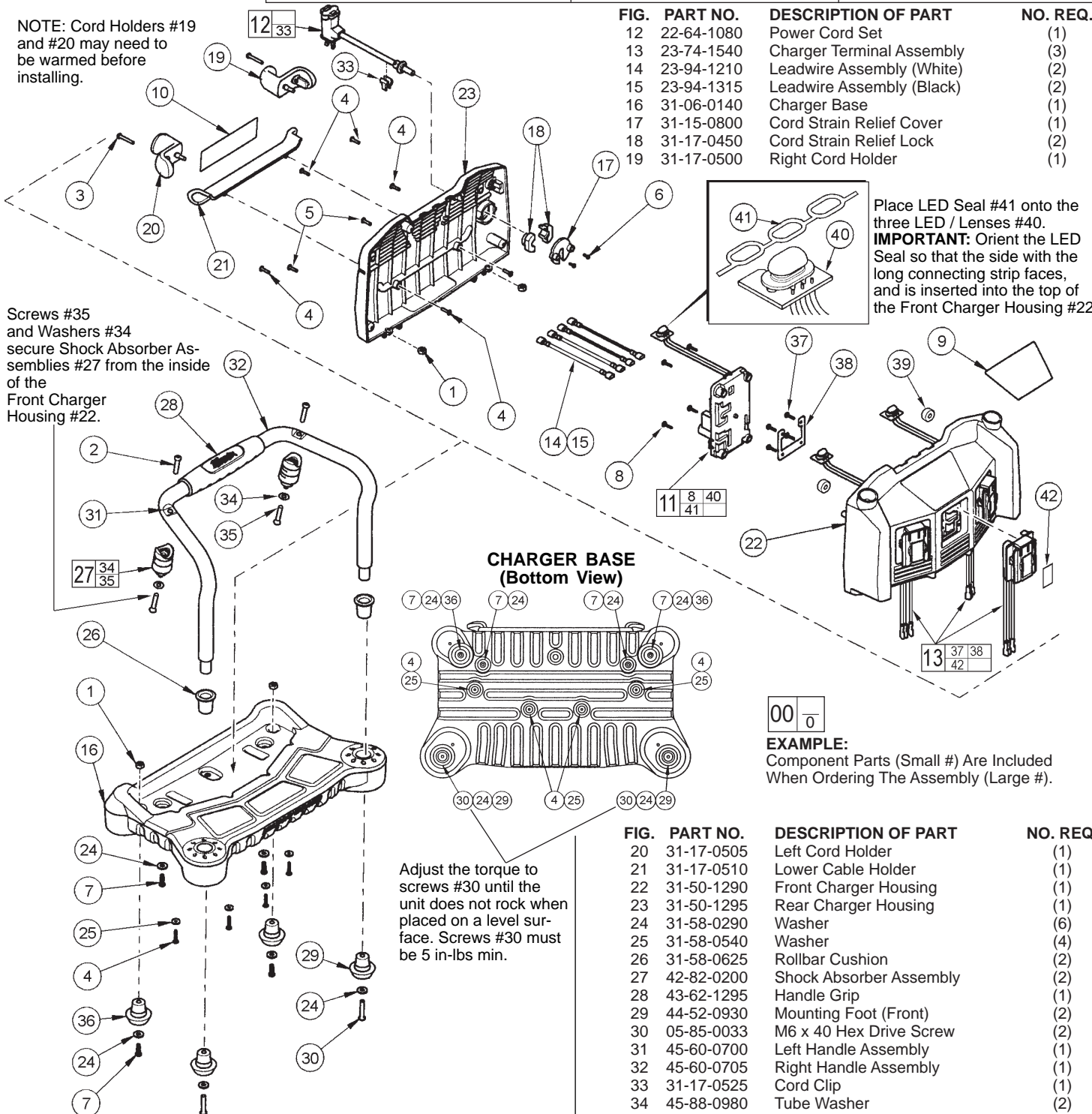


# SERVICE PARTS LIST

**BULLETIN NO.**  
54-04-0360

SPECIFY CATALOG NO. AND SERIAL NO. WHEN ORDERING PARTS			REVISED BULLETIN	DATE
<b>MULTI-BAY Li-ION/NiCd CHARGER</b>				Mar. 2007
CATALOG NO.	48-59-0280	SERIAL NUMBER	WIRING INSTRUCTION <b>See Reverse Side</b>	
		<b>B14A</b>		

NOTE: Cord Holders #19 and #20 may need to be warmed before installing.



Screws #35 and Washers #34 secure Shock Absorber Assemblies #27 from the inside of the Front Charger Housing #22.

Place LED Seal #41 onto the three LED / Lenses #40.  
**IMPORTANT:** Orient the LED Seal so that the side with the long connecting strip faces, and is inserted into the top of the Front Charger Housing #22.

Adjust the torque to screws #30 until the unit does not rock when placed on a level surface. Screws #30 must be 5 in-lbs min.

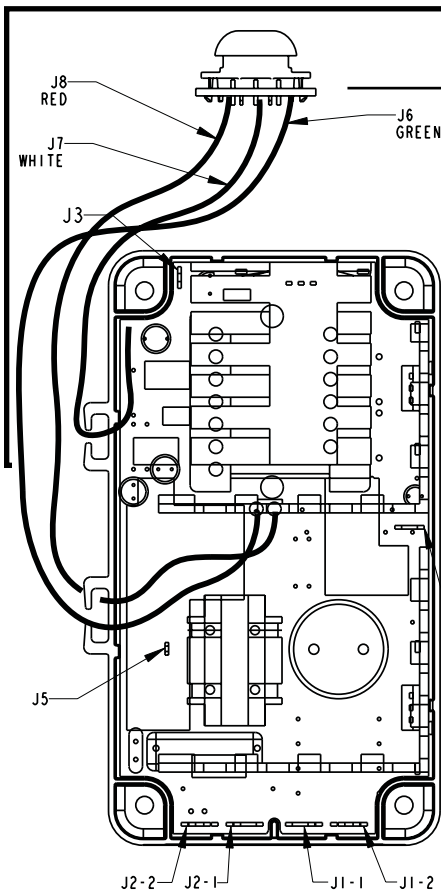
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**EXAMPLE:**  
Component Parts (Small #) Are Included When Ordering The Assembly (Large #).

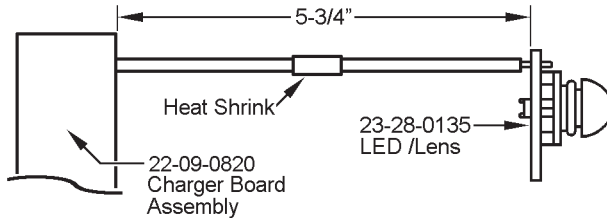
FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
1	05-55-0200	M6 Nut	(4)
2	05-85-0030	M6 x 30 Hex Drive Screw	(2)
3	05-88-0685	3.5 x 30 Washer Hd. Hex Drive Scr.	(2)
4	05-88-0730	3.5 x 17 Washer Hd. Hex Drive Scr.	(10)
5	05-88-0760	3.0 x 15 Washer Hd. Hex Drive Scr.	(2)
6	05-88-0925	3 x 12 Hex Drive Screw	(2)
7	05-88-1000	M6 x 19 Hex Drive Screw	(4)
8	05-88-0760	3.0 x 15 Washer Hd. Hex Drive Scr.	(12)
9	10-20-2990	Logo Label	(1)
10	12-20-1555	Service Nameplate	(1)
11	22-09-0820	Charger Board Assembly (Incl. #40)	(3)

FIG.	PART NO.	DESCRIPTION OF PART	NO. REQ.
12	22-64-1080	Power Cord Set	(1)
13	23-74-1540	Charger Terminal Assembly	(3)
14	23-94-1210	Leadwire Assembly (White)	(2)
15	23-94-1315	Leadwire Assembly (Black)	(2)
16	31-06-0140	Charger Base	(1)
17	31-15-0800	Cord Strain Relief Cover	(1)
18	31-17-0450	Cord Strain Relief Lock	(2)
19	31-17-0500	Right Cord Holder	(1)
20	31-17-0505	Left Cord Holder	(1)
21	31-17-0510	Lower Cable Holder	(1)
22	31-50-1290	Front Charger Housing	(1)
23	31-50-1295	Rear Charger Housing	(1)
24	31-58-0290	Washer	(6)
25	31-58-0540	Washer	(4)
26	31-58-0625	Rollbar Cushion	(2)
27	42-82-0200	Shock Absorber Assembly	(2)
28	43-62-1295	Handle Grip	(1)
29	44-52-0930	Mounting Foot (Front)	(2)
30	05-85-0033	M6 x 40 Hex Drive Screw	(2)
31	45-60-0700	Left Handle Assembly	(1)
32	45-60-0705	Right Handle Assembly	(1)
33	31-17-0525	Cord Clip	(1)
34	45-88-0980	Tube Washer	(2)
35	05-85-0030	M6 x 30 Hex Drive Screw	(2)
36	44-52-0940	Mounting Foot (Back)	(2)
37	05-88-0760	3.0 x 15 Washer Hd. Hex Drive Scr.	(12)
38	-----	Mounting Plate	(3)
39	31-15-0825	Cover, Cap	(2)
40	23-28-0135	LED / Lens (Component of #11)	(3)
41	43-44-1150	LED Seal	(1)
42	10-20-0895	Terminal Warning Label	(3)

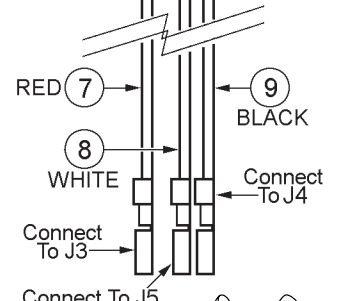
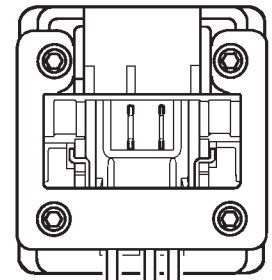
**MILWAUKEE ELECTRIC TOOL CORPORATION**  
13135 W. LISBON RD., BROOKFIELD, WI 53005  
Drwg. 3



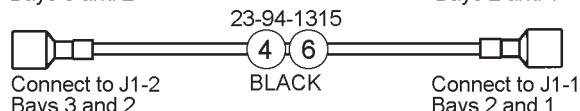
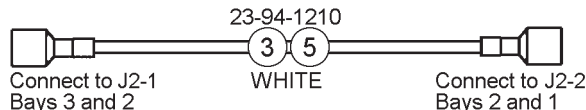
The LED / Lens is a component of the 22-09-0820 Charger Board. When replacing the 23-28-0135 LED / Lens, cut red wire #10, white wire #11 and green wire #12 midway to remove the old LED / Lens. Strip the ends to 1/4". On the replacement LED / Lens, cut the wires and strip the ends to 1/4". Splice and heat shrink the corresponding colored wires together. The total length of the wire, when spliced together is approximately 5-3/4".



**23-74-1540  
CHARGER TERMINAL  
(3 ASSEMBLIES)**



**(2 BLACK LEADWIRE ASSEMBLIES)**

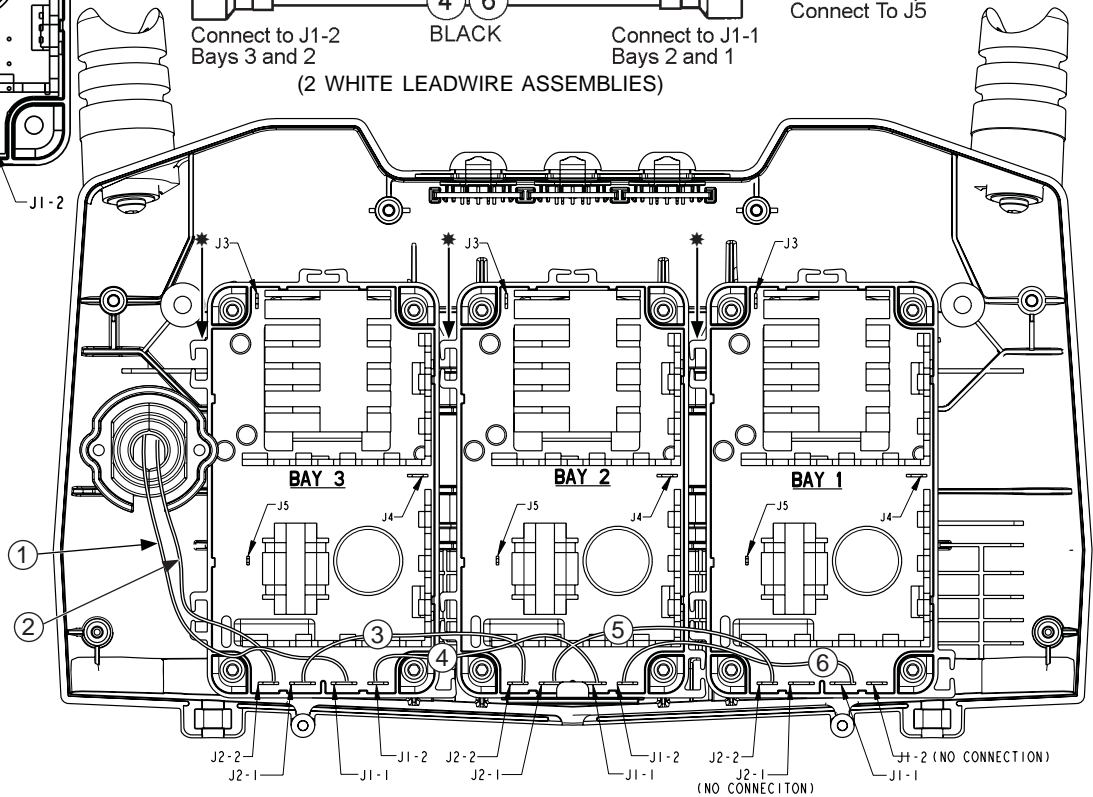


**(2 WHITE LEADWIRE ASSEMBLIES)**

**22-09-0820  
CHARGER BOARD  
(3 ASSEMBLIES)**  
Includes the  
23-28-0135  
LED / Lens

Place the **first** charger board in the middle, lower position (bay 2). Place the other two charger boards into bays 1 & 3.

\*Route wires 7, 8 and 9 from the charger terminals through the wire traps, as shown, and attach to the charger boards.



**WIRING SPECIFICATIONS**

Wire No.	Wire Color	Origin or Part No.	Terminals, Connectors and End Wire Preparation
1	Black	22-64-1080	Component of the cord set. Connect to J1-1 on Bay 3.
2	White	22-64-1080	Component of the cord set. Connect to J2-2 on Bay 3.
3	White	23-94-1210	Component of the leadwire assembly. Connect to J2-1 on Bay 3 / Connect to J2-2 on Bay 2.
4	Black	23-94-1315	Component of the leadwire assembly. Connect to J1-2 on Bay 3 / Connect to J1-1 on Bay 2.
5	White	23-94-1210	Component of the leadwire assembly. Connect to J2-1 on Bay 2 / Connect to J2-2 on Bay 1.
6	Black	23-94-1315	Component of the leadwire assembly. Connect to J1-2 on Bay 2 / Connect to J1-1 on Bay 1.
7	Red	23-74-1525	Component of the battery connector assembly. <b>3 assemblies.</b> Connect to J3 on corresponding Bays 1, 2 and 3.
8	White	23-74-1525	Component of the battery connector assembly. <b>3 assemblies.</b> Connect to J5 on corresponding Bays 1, 2 and 3.
9	Black	23-74-1525	Component of the battery connector assembly. <b>3 assemblies.</b> Connect to J4 on corresponding Bays 1, 2 and 3.
10	Red	23-28-0135	Component of the LED/Lens. <b>3 assemblies.</b> Service according to the instructions above.
11	White	23-28-0135	Component of the LED/Lens. <b>3 assemblies.</b> Service according to the instructions above.
12	Green	23-28-0135	Component of the LED/Lens. <b>3 assemblies.</b> Service according to the instructions above.