

# CENTURY®

LEGENDARY LEADERSHIP



## OWNER'S MANUAL

# EB-4 / 6500

## INSTALLATION, OPERATION, MAINTENANCE & PARTS

**NOTE: MANUAL including SPECIFICATIONS, subject to change without notice  
All ratings specified are based on structural factors only,  
not vehicle capacities or capabilities.**

### CENTURY®

Miller Industries Towing Equipment Inc.  
8503 Hilltop Drive

Ooltewah, Tennessee 37363

Phone (423) 238-4171 • FAX (423) 238-5371

FORM NO. 0501014

12 / 1998

PRICE \$25.00

## LIMITED WARRANTY

MILLER INDUSTRIES TOWING EQUIPMENT INC., hereinafter referred to as MILLER, warrants to the original purchaser that each new MILLER wrecker or other MILLER products will be free from defects in material and workmanship for a period of twelve (12) months from date placed in service, but in no event shall such warranty period exceed twenty-four (24) months from date of manufacture by MILLER. The purchaser must promptly notify MILLER in writing of any failure in material or workmanship. In no event shall MILLER accept such notification later than twenty-four (24) months from date of delivery or twelve (12) months from date placed in service, whichever is earlier.

MILLER's obligation under this warranty, statutory or otherwise, is limited to the repair or replacement at the MILLER factory, or at a point designated by MILLER, of such part or parts as shall appear upon inspection by MILLER to be defective in material or workmanship. New or remanufactured parts will be used for any replacement at MILLER's option. This warranty is not transferable. This warranty does not obligate MILLER to bear the cost of labor or transportation charges in connection with the repair or replacement of any parts found to be defective, nor shall it apply to a product upon which repairs or alterations have been made unless authorized by MILLER.

EXCEPT AS EXPRESSLY SET FORTH IN THIS WARRANTY, MILLER MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND HEREBY DISCLAIMS ALL OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. MILLER shall in no event be liable for claimed downtime, claimed loss of profits or goodwill, or any other special, incidental, indirect, or consequential damages concerning or relating to any product or parts, whether based on negligence, strict liability, breach of contract, breach of warranty, misrepresentation or any other legal theory, regardless of whether the loss resulted from any general or particular requirement which MILLER knew or had reason to know about at the time of sale.

MILLER MAKES NO WARRANTY, EXPRESS OR IMPLIED, AS TO THE FINISHED PRODUCTS MANUFACTURED OR SUPPLIED BY ANOTHER MANUFACTURER AND SUPPLIED BY MILLER TO PURCHASER, including, but not limited to, any vehicle to which a MILLER product may be affixed or any accessories or wire rope, and MILLER EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE AS TO SUCH EQUIPMENT OR PRODUCTS. This language shall in no way affect or diminish the rights of the purchaser to rely on such warranties as are extended by such manufacturers or suppliers. MILLER shall, to the extent permitted under applicable law, pass on to the purchaser such manufacturer's or seller's warranty.

MILLER, whose policy is one of continuous improvement, reserves the right to improve its products through changes in design or materials as it may deem desirable without being obligated to incorporate such changes in products previously sold. This warranty is not intended to cover or include the following items, which are set forth by way of example and not limitation:

- A. Normal deterioration of trim, paint, lettering, and appearance items due to wear or exposure to weather, road conditions, road treatments, etc.
- B. Any damage or defect due to accident, misuse, abuse, improper or unauthorized repairs, failure to provide reasonable and necessary maintenance, or uses for which the equipment was not designed or intended.
- C. Alterations or modifications that affect performance, operation or reliability.
- D. Normal maintenance parts including, but not limited to, wear pads, bushings, wire rope, mud flaps, fenderettes, light bulbs, hydraulic oil, filters, and tow sling belts.

**IT IS EXPRESSLY UNDERSTOOD THAT MILLER MAKES NO IMPLIED WARRANTY THAT MILLER PRODUCTS SHALL BE FIT FOR THE PURPOSE OF LIFTING OR MOVING PEOPLE OR FOR ANY OTHER IMPROPER USE.**



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Ooltewah, Tennessee 37363

**SERIAL NUMBER**

Telephone (423) 238-4171

## Section VI - PARTS LIST

This Section is provided by the manufacturer for the purpose of ordering any component part of the **CENTURY EB-4 / 6500** that may be required when part replacement is necessary. Be certain to use only original equipment replacement parts for warranty purposes as well as for keeping your **CENTURY EB-4 / 6500** in its original state and optimum operating capacities.

When ordering replacement or spare parts be sure to provide the following information to the manufacturer's **Parts Department**.

1. **Manual Number & Date of Publication**
2. **Manual Page Number**
3. **Page Title**
4. **Reference Number of Part Desired**
5. **Part Number**
6. **Part Description**
7. **Quantity of Part Desired**

Providing this information will help ensure that the correct parts will be delivered to you in an expedient manner without delay. Should additional information be required for repair or replacement of certain components, contact your Wrecker Manufacturer Authorized Representative.

The Manufacturer reserves the right, without notice or obligation, to improve or modify their products, which may change the specifications, models and feature availability.

## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	120015512	CENTURY EB4T W/6500 CROSSBAR 84/90	
1	0300058	HOSE, 1" SUCTION, 16C4	9 FT.
2	0302080	HARNESS SWITCH PANEL	1
3	0302122	SWITCH PANEL HOT WIRE	1
4	0303226	80 AMP CIRCUIT BREAKER	1
5	0303883	WINCH CABLE ASSEMBLY	2
6	0500972	DATA PLATE - EB4/6500 CENTURY	1
--	0901390	KIT - FORK FI 6000	
7	0200018	FORK, SHORT, 3" OPENING	2
8	0500241	DECAL, SAFETY CHAIN WARNING	2
9	0800590	TEE, HANDLE	2
10	0804197	ADAPTER, LIFT FORK 3-1/2"	2
--	0901496	KIT - CENTURY NAMEPLATE	
11	0400035	#10-24 X 1/2" OVAL HD SS	6
12	0500406	NAMEPLATE, CENTURY	2
--	0902798	KIT - CONTROL KNOB	
13	0300834	KNOB - CTRL (IN-OUT)	4
14	0300835	KNOB - BOOM (UP-DOWN)	2
15	0300837	KNOB - BOOM (IN-OUT)	2
16	0302856	KNOB - TILT, 3/8"-16 THREAD	2
17	0302917	KNOB - WHEEL LIFT EXTEND IN-OUT	2
18	0400393	3/8"-16 HEX NUT JAM ZP	2
--	0903069	KIT - BACK UP ALARM	
19	0300077	WIRE, 16 GA, RED	2 FT.
20	0300153	CONNECTOR, WIRE (BLUE)	6
21	0301812	HEAT SHRINK TUBE-IN.MELT	1
22	0303061	BACK UP ALARM ECCO #MS97	1
23	0400057	1/4"-20 X 1-1/4" HHCS	2
24	0400367	1/4"-20 NYLOK HEX NUT ZP	2
25	0500676	INSTR-INSTL BACKUP ALARM	1
--	0903275	KIT - SAFETY CHAIN F6500	
26	0303116	CHAIN ASSEMBLY, 3/8" HT X 10 FT	2
27	0400122	3/8"-16 X 1-1/4" HHCS GR5 ZP	2
28	0400392	3/8"-16 NYLOK HEX NUT ZP	2
29	0400480	3/8" FLATWASHER ZP	2

## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	0903284	KIT - DAYTONA BOX	
30	0300844	3/4" X 1/8" CLOSED CELL	25 FT.
31	0302855	TOOL CMPT LATCH PLAIN	4
32	0303993	STRIKER BOLT	4
33	0400021	#8-32 X 1/2" RDHD PH MCH SC SS	16
34	0400351	#8-32 HEX NUT & STAR WASHER ZP	16
--	0904103	KIT - ELECTRICAL TERMINAL	
35	0301476	1/4" BLADE CONN, PIGGYBACK	24
36	0301503	#10 RING CONN.	10
37	0302423	TERMINAL, 1/4" RING 14-16GA	4
--	0904797	BODY ASSEMBLY 84CA/90W DUAL	
38	0300032	PLUG, 1" DIA HOLE	1
39	0300071	CLAMP, HOSE, 1" IDEAL	2
40	0300113	GREASE FITTING, ALEMITE	1
41	0300329	SNAP RING, EXTERNAL 2"	2
42	0300787	HOSE ASSEMBLY, 53"	1
43	0301334	CATERPILLER GROMMET, 1/2"	1
44	0301471	HOSE ASSEMBLY, 30"	1
45	0301473	HOSE ASSEMBLY, 18"	1
46	0301533	TIE DOWN STRAP, 15"	1
47	0301659	HOSE ASSEMBLY, 150"	1
48	0302171	PLUG, 3/4"-16 PLASTIC	1
49	0302552	C-WA-10 WELD ADAPTER	4
50	0302610	HOSE ASSEMBLY, 36"	1
51	0302855	TOOL CMPT LATCH PLAIN	1
52	0302926	HOSE ASSEMBLY, 29"	5
53	0303014	HOSE ASSEMBLY, 1/2" DIA 80"	4
54	0303193	BLACK SKUFF JACKET #SJ16	20 FT.
55	0303481	SLIDE PAD - BUMPER	2
56	0400002	#4 X 1/4" DRIVE SCREW RD HD	4
57	0400021	#8-32 X 1/2" RD HD PH MCH SC SS	4
58	0400062	1/4"-20 X 3/4" THRD CUT HEX	2
59	0400066	1/4"-20 X 3/4" HHCS GR5 ZP	8
60	0400078	1/4"-20 X 2" HHCS GR5 ZP	1
61	0400118	5/16"-18 X 3/4" HHCS GR5 ZP	4
62	0400122	3/8"-16 X 1-1/4" HHCS GR5 ZP	2
63	0400154	3/8"-16 X 1/2 HHCS GR5 ZP	1
64	0400223	3/8"-16 X 3/4" FL HD	4
65	0400239	1/2"-13 X 3/4" HHCS GR5	2
66	0400249	5/8"-11 X 1-1/4" SOC HD CAP SCREW	8
67	0400264	5/8"-11 X 2-1/4" HHCS GR5 ZP	12

## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	0904797	BODY ASSEMBLY 84CA/90W DUAL (cont'd)	
68	0400351	#8-32 HEX NUT & STAR WASHER ZP	4
69	0400382	5/16"-18 NYLOK HEX NUT ZP	4
70	0400398	3/8"-16 NYLOK HALF-NUT ZP	24
71	0400421	5/8"-11 NYLOK HEX NUT ZP	12
72	0400451	1/4" FLATWASHER ZP	4
73	0400482	3/8" HELICAL LOCKWASHER ZP	2
74	0400508	5/8" HELICAL LOCKWASHER ZP	8
75	0400567	1/4" RIVET BTT 84 SS	4
76	0400579	SPRING PIN, 3/8" X 4" ZP	2
77	0701956	SCREW, OUTER CROSSTUBE RET, FI	4
78	0703640	WASHER, THRUST (NYLATRON)	2
79	0708529	HOSE, RETURN 3/4" I.D. X 36"	1
80	0713913	SHAFT, BOOM PIVOT - EB4	1
81	0801952	LEG, SHIPPING	2
82	0803906	BOOM TRUNION PIVOT	2
83	0803957	TUBE, BOOM HOSE WELDMENT	1
84	0803994	BODY WELDMENT	1
85	CZ15	RUBBER GROMMET, 1/2"	3
86	DE1716	5/32" X 1/4" DOME HEAD	4
--	0900923	VALVE ASSEMBLY - 3 & 4 SPOOL	
87	0300010	VALVE, 3 SPOOL CONTROL	1
88	0300011	VALVE, 4 SPOOL CONTROL	1
89	0300041	FITTING, CONNECTOR 8MJ-8MB	4
90	0300044	FITTING, CONNECTOR 6MJ-8MB	9
91	0300052	FITTING, ELB 8MJ-10MB90	2
92	0300055	FITTING, HOSE BARB 12C4-12MP	1
93	0300286	FITTING, HP CARRY-OVER	1
94	0301375	FITTING, ELB STR 12MB-12FP90	1
95	0301388	FITTING, ELL 8MJ-8MB90	1
96	0301470	FITTING, ELB 6MJ-8MB90	1
97	0301547	FITTING, ELB 8MJ-12MB90	1
98	0301696	FITTING, ELB 6MJ-6FJX90	7
99	0301780	FITTING, CONNECTOR 8MJ-12MB	1
100	0400140	3/8"-16 X 4" HHCS GR5 ZP	6
101	0400392	3/8"-16 NYLOK HEX NUT ZP	6

## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	0902182	KIT - INLINE FILTER	
102	0301547	FITTING, ELB 8MJ-12MB90	1
103	0301780	FITTING, CONNECTOR 8MJ-12MB	1
104	0301791	HOSE ASSEMBLY, 17"	1
105	0302506	IN-LINE FILTER, PARKER	1
106	0400081	1/4"-20 X 3-1/2" HHCS GR5 ZP	2
107	0400367	1/4"-20 NYLOK HEX NUT ZP	2
108	0400451	1/4" FLATWASHER ZP	2
--	0902721	KIT - HYD TANK	
109	0300055	FITTING, HOSE BARB 12C4-12MP	1
110	0300056	FITTING, BARB 16C4-16MP	1
111	0300071	CLAMP, HOSE, 1" IDEAL	2
112	0300136	RETURN LINE FILTER ASSEMBLY	1
113	0300446	3/4" NPT PIPE PLUG, MALE	1
114	0300692	FITTING, 1" 90 DEG STREET	1
115	0305006	FILLER CAP (GO205, FB194)	1
116	0400045	#10-32 X 1/2" THRD CUT RD	6
117	0708529	HOSE, RETURN 3/4" I.D. X 36"	1
--	0904171	SWIVEL ASSEMBLY BOOM END	
118	0301814	3-1/2" EXT RETAINING RING	1
119	0300022	SHEAVE, 6" COMPLETE	1
120	0300113	GREASE FITTING, ALEMITE	1
121	0400060	1/4"-20 X 1/2" HHCS GR5 ZP	1
122	0400452	1/4" HELICAL LOCKWASHER ZP	1
123	0700032	RETAINER, SHEAVE SHAFT	1
124	0700166	WASHER, SPACER	4
125	0712974	SHAFT SHEAVE	1
126	0803650	SWIVEL, BOOM END	1
--	0900668	GUIDE ASSEMBLY, CABLE U	
127	0301531	U BOLT, 3/8" #G-426	1
128	0400392	3/8"-16 NYLOK HEX NUT ZP	2
129	0400393	3/8"-16 HEX NUT JAM ZP	2
130	0702285	BODY CABLE GUIDED	1
--	0904539	KIT - SPLASH GUARD FT	
131	0400066	1/4"-20 X 3/4" HHCS GR5 ZP	4
132	0400370	1/4" "U" TYPE TINNEMAN	4
133	0400452	1/4" HELICAL LOCKWASHER ZP	4
134	0713997	MUD GUARD	2

## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	0904595	LIFT CYLINDER ASSEMBLY	
135	0300206	FITTING, BRANCHTEE 6MJ-6MJ-4MP	1
136	0300209	FITTING, ELB 6MJ-6MP90	2
137	0301620	FITTING, ELB 6MJ-6MB90	4
138	0301696	FITTING, ELB 6MJ-6FJX90	1
139	0301731	VALVE, HOLDING 4000 PSI	1
140	0301855	FITTING, TEE 6MJ-6MJ-6MP	1
141	0302573	FITTING, TEE 6MJ-6MJ-6FJX	1
142	0302926	HOSE ASSEMBLY, 29"	4
143	0303869	CYLINDER HYD BOOM LIFT - EB4	2
144	0400078	1/4"-20 X 2" HHCS GR5 ZP	2
145	0400122	3/8"-16 X 1-1/4" HHCS GR5 ZP	1
146	0400366	1/4"-20 HEX NUT ZP	2
147	0400451	1/4" FLATWASHER ZP	2
148	0400452	1/4" HELICAL LOCKWASHER ZP	2
149	0400482	3/8" HELICAL LCKWSHR ZP	1
150	0400586	#2 HITCH PIN (HAIR PIN)	4
151	BK518	PIN, CLEVIS - BOOM CYL	4
--	0904607	CROSSBAR ASSEMBLY (56)	
152	0300113	GREASE FITTING, ALEMITE	1
153	0301197	COMP. SPRING, CROSS BAR, FI	1
154	0301398	1-3/16" DIA STEEL BALL	1
155	0400193	1/2"-13 X 1-1/2 FLT HD SKT CAP	2
156	0708470	SPACER, DETENT BALL SPRG	1
157	0710092	THRUST WASHER - 6500 W/L	2
158	0802903	PIN, PIVOT WELDMENT - 6500	1
159	0803876	CROSSBAR-INNER WELDMENT-6500	1
--	0904610	KIT - CONTROL DUAL	
160	0300122	GROMMET, SPLIT PLASTIC	18
161	0400066	1/4"-20 X 3/4" HHCS GR5 ZP	6
162	0400370	1/4" "U" TYPE TINNERMAN	6
163	0400390	3/8"-16 HEX JAM NUT	12
164	0400392	3/8"-16 NYLOK HEX NUT ZP	6
165	0400393	3/8"-16 HEX NUT JAM ZP	18
166	0400452	1/4" HELICAL LOCKWASHER ZP	6
167	0400527	5/16" X 5/8" CLEVIS PIN	6
168	0400542	3/16" X 1-1/4"COTTER PIN SS	12
169	0400543	1/8" X 3/4" COTTER PIN	6
170	0701099	ROD, CONTROL	6
171	0703501	ANGLE, CROSS CONTROL	1



## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	0904610	KIT - CONTROL DUAL (cont'd)	
172	0704517	CHANNEL, X-ROD BEARING	2
173	0705494	LEVER, CONTROL	12
174	0713483	CROSSROD, WRECKER FI	4
175	0713484	CROSSROD, WHEEL LIFT FI	2
176	0800604	ARM, CONTROL	6
177	0801309	SHIFTER, VALVE, SHORT	2
178	0801310	SHIFTER, VALVE, MEDIUM	2
179	0801311	SHIFTER, VALVE, LONG	2
--	0903149	BOOM, INNER ASSEMBLY-6500	
180	0301397	GREASE FITTING - 90 DEG	2
181	0301522	FITTING, CONNECTOR 6MJ-6MB	2
182	0301914	BEARING-INNER BOOM - DT	1
183	0303065	CYLINDER HYD EXT F6500 W/L	1
184	0400139	3/8"-16 X 1-1/2" HEX SKT SET	1
185	0400392	3/8"-16 NYLOK HEX NUT ZP	1
186	0709536	PIN, EXTEND CYL, ROD	1
187	0802948	BOOM, INNER WELDMENT - 6500	1
--	0904796	WRECKER & W/L LESS XBAR DUAL	
188	0300044	FITTING, CONNECTOR 6MJ-8MB	2
189	0300110	SNAP RING, 1"	4
190	0300113	GREASE FITTING, ALEMITE	8
191	0300679	BEARING PAD, NYLATRON	4
192	0301376	FITTING, CONNECTOR 8MJ-10MB	4
193	0301921	HOSE ASSEMBLY, 128"	2
194	0301964	HOSE ASSEMBLY, 65"	1
195	0301965	HOSE ASSEMBLY, 131"	1
196	0302469	MOTOR, CHAR-LYNN	2
197	0302919	CYLINDER HYD FOLD	1
198	0302922	HOSE ASSEMBLY, 170"	2
199	0303067	SLIDE PAD - INNER BOOM	1
200	0303068	SLIDE PAD - OUTER BOOM	1
201	0303550	CYLINDER HYD EXTEND - SWRK	1
202	0303852	WINCH ASSEMBLY - NARROW DRUM	1
203	0303853	WINCH ASSEMBLY - NARROW DRUM	1
204	0400060	1/4"-20 X 1/2" HHCS GR5 ZP	3
205	0400066	1/4"-20 X 3/4" HHCS GR5 ZP	2
206	0400070	1/4"-20 X 1" HHCS GR5 ZP	2
207	0400129	3/8" X 3/4" ALLEN HD SET	1
208	0400139	3/8"-16 X 1-1/2" HEX SKT SET	1
209	0400234	7/16"-14 X 1-1/4" HHCS GR5 ZP	8
210	0400353	3/8" X 1/2" SET SCR W/PATCH	1

## Section VI - PARTS LIST (cont'd)

REF. NO.	PART NUMBER	DESCRIPTION	NO. REQ'D
--	0904796	WKR & W/L LESS XBAR DUAL (cont'd)	
211	0400367	1/4"-20 NYLOK HEX NUT ZP	6
212	0400376	7/16"-14 X 2" HHCS GR5 PL	8
213	0400393	3/8"-16 HEX NUT JAM ZP	2
214	0400398	3/8"-16 NYLOK HALF-NUT ZP	2
215	0400451	1/4" FLATWASHER ZP	6
216	0400452	1/4" HELICAL LOCKWASHR ZP	4
217	0400480	3/8" FLATWASHER ZP	12
218	0400487	7/16" HELICAL LOCKWASHER	16
219	0703082	PIN, EXT CYL PIVOT	1
220	0703137	SHAFT, EXT CYL OUTERBOOM	1
221	0708406	PAD, GUIDE	2
223	0708407	SHAFT, LOWER-TILT CYL	1
224	0708410	SHIM, GUIDE PAD	6
225	0708519	PLATE, COVER - BOOM UPPER	1
226	0713906	RETAINER, BOLT ON PAD	1
227	0713959	SPACER, WINCH MTG EB4	4
228	0713974	SHAFT, BOOM PIV - EB4 W/L	1
229	0714062	SHAFT, BOOM FOLD -UPPER	1
230	0803489	BOOM, INNER - 612 (12K)	1
231	0803991	BOOM, OUTER WELDMENT	1
232	0804110	OUTER MAIN BOOM, DUAL WN	1
233	AWS-3022-A	SNAP RING, LARGE BOOM PIN	4
--	0904536	KIT-CLUTCH CONTROL DUAL	
234	0300845	SPRING-CLUTCH T5-68-79-1	2
235	0301532	"T" HANDLE	2
236	0301588	ADJUSTABLE YOKE	2
237	0400116	5/16"-18 X 1/2" SQ HD SET SCR	2
238	0400126	3/8"-16 X 1" HHCS GR5 ZP	2
239	0400150	3/8"-16 X 2-1/2" HHCS GR5 ZP	2
240	0400393	3/8"-16 HEX NUT JAM ZP	2
241	0400492	1/2" FLATWASHER ZP	8
242	0400537	1/2" X 1-1/2" CLEVIS PIN ZP	2
243	0400546	1/8" X 1-1/4" COTTER PIN	2
244	0400560	5/32" X 1" ROLL PIN ZP	4
245	0702408	CHANNEL, MOUNTING	2
246	0800779	CRANK-BELL	2
247	0803945	ROD, CONTROL - CL SHIFTER	2



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