



# G 8 3

Light Weight Lockbolt Power Tool  
NSN 5130-01-435-3507

 Instruction Manual   
Pass on to user to read and keep for reference

# MANUAL



**TEXTRON Aerospace Fasteners**

# PART LIST FOR THE G83 (700-200) LOCKBOLT POWER TOOL ASSEMBLY

ITEM NO.	DESCRIPTION	QTY.
<b>700-216 SUB-ASSEMBLY, HANDLE</b>		
1	700-229 HANDLE, MACHINED	1
2	P-653 O-RING (.691, .551, .070)	4
3	700B73 SLEEVE, VALVE	1
4	700A67 SPRING	1
5	P-829* O-RING, DISOGRIN (.504, .364, .070)	3
72	700A15 SUB-ASSEMBLY, VALVE SPOOL	
6	700D15-2 SPOOL, VALVE	1
7	700A18 FILTER, AIR VALVE	1
8	700A69 SCREW, METERING	1
9	P-834* O-RING, DISOGRIN (.816, .676, .070)	2
10	700A16 PLUG, VALVE	1
11	700A17 MUFFLER	1
12	P-279 RING, RETAINING (INT. .906 DIA.)	1
73	700-219 POWER PISTON & ROD SUB-ASSEMBLY	
13	700A10** ROD, POWER PISTON	1
14	702A12** STOP, PISTON	1
15	700B118** PISTON, POWER	1
16	700-202** CAP, PISTON ROD	1
17	P-1281 RING, QUAD (.629, .489, .070)	1
18	700A123 RING, BACK-UP (.598, .492, .053)	1
19	P-833 O-RING (1.068, .862, .103)	2
20	700C122 CYLINDER, POWER	1
21	700-205 PISTON, RETURN	1
22	P-508 O-RING (.755, .549, .103)	1
23	P-1367 SPRING	1
24	P-838* O-RING, DISOGRIN (.568, .362, .103)	2
25	P-115 RING, BACK-UP (.551, .375, .088)	2
26	P-727 O-RING (1.318, 1.112, .103)	1
27	700B93 PLUG, PACKING	1
28	P-731 RING, BACK-UP (3.365, 3.125, .120)	2
29	P-730 RING, QUAD (3.387, 3.109, .139)	1
30	700A110*** WASHER	1
31	700C106*** PISTON, AIR	1
32	700A111*** WASHER	1
33	P-737 NUT, CONELOCK, 1/4-20	1
34	P-725 O-RING (3.129, 2.989, .070)	1
35	700C112 BASE, HANDLE	1
36	P-735 RING, RETAINING (INT. 3.500 DIA.)	1
37	700B109 COVER, BASE	1
38	P-736 RING, RETAINING (EXT. 2.250 DIA.)	1
39	703A33 ASSEMBLY, TRIGGER (INCLUDES P-223)	1
40	P-223 O-RING (.285, .145, .070)	1
<b>700-213 SUB-ASSEMBLY, HEAD CYLINDER</b>		
41	700-204 CYLINDER, RETURN	1
74	700-214 SUB-ASSEMBLY, RELIEF VALVE	
42	700-218 SEAT, SPRING	1
43	P-1366 SPRING	1
44	P-383 O-RING (.441, .301, .070)	1
45	700-215 SEAT, BALL	1
46	P-688 BALL (3/32 DIA.)	1
47	700-217 PISTON, VALVE	1
48	P-111 O-RING (.379, .239, .070)	1
49	P-573 SCREW, BUTTON HD CAP, 10-32 X 1/4	3
50	P-572 STAT-O-SEAL (.430, .180, .125)	3
51	700-203 CYLINDER, HEAD	1
52	P-568 O-RING (.818, .612, .103)	2
53	P-242 RING, BACK-UP (.801, .625, .088)	1
54	700-210 PISTON, HEAD	1
55	P-932 RING, BACK-UP (1.242, 1.000, .121)	2
56	P-113 O-RING (1.262, .984, .139)	1
57	P-107 O-RING (1.074, .796, .139)	1
58	P-108 RING, BACK-UP (1.054, .812, .121)	1
59	P-1373 O-RING (1.403, 1.171, .116)	1
60	700-212 CAP, END	1
61	P-880 RING, RETAINING, NON-STANDARD	1
62	703A13 FITTING, DEFLECTOR	1
63	530A16 DEFLECTOR	1
64	700-220 ADAPTER	1
<b>700-233 SUB-ASSEMBLY, ADAPTER</b>		
65	P-690 O-RING (1.129, .989, .070)	1
66	P-699 RING, RETAINING (INT. 1.125 DIA.)	1
67	700-222 HOUSING, ADAPTER	1
68	700-232 RETAINER, ADAPTER SLEEVE	1
69	P-832* O-RING, DISOGRIN (.379, .239, .070)	1
70	700-230 GASKET	1
71	P-27 SCREW, SOCKET HEAD CAP, 8-32 X 1/2	4

\*No substitutions.  
 \*\* Not sold separately  
 \*\*\* Included in Air Piston Kit 700A115  
 All dimensions in inches.

# EXPLODED VIEW OF G83

