

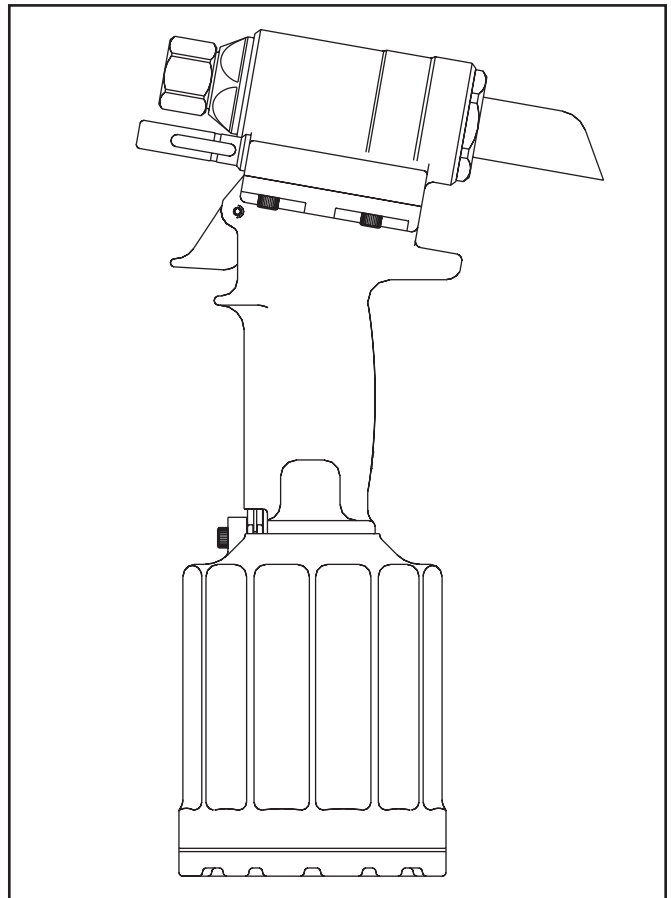
**Alcoa
Fastening
Systems**



INSTRUCTION MANUAL

244/244OS

PNEUDRAULIC INSTALLATION TOOL



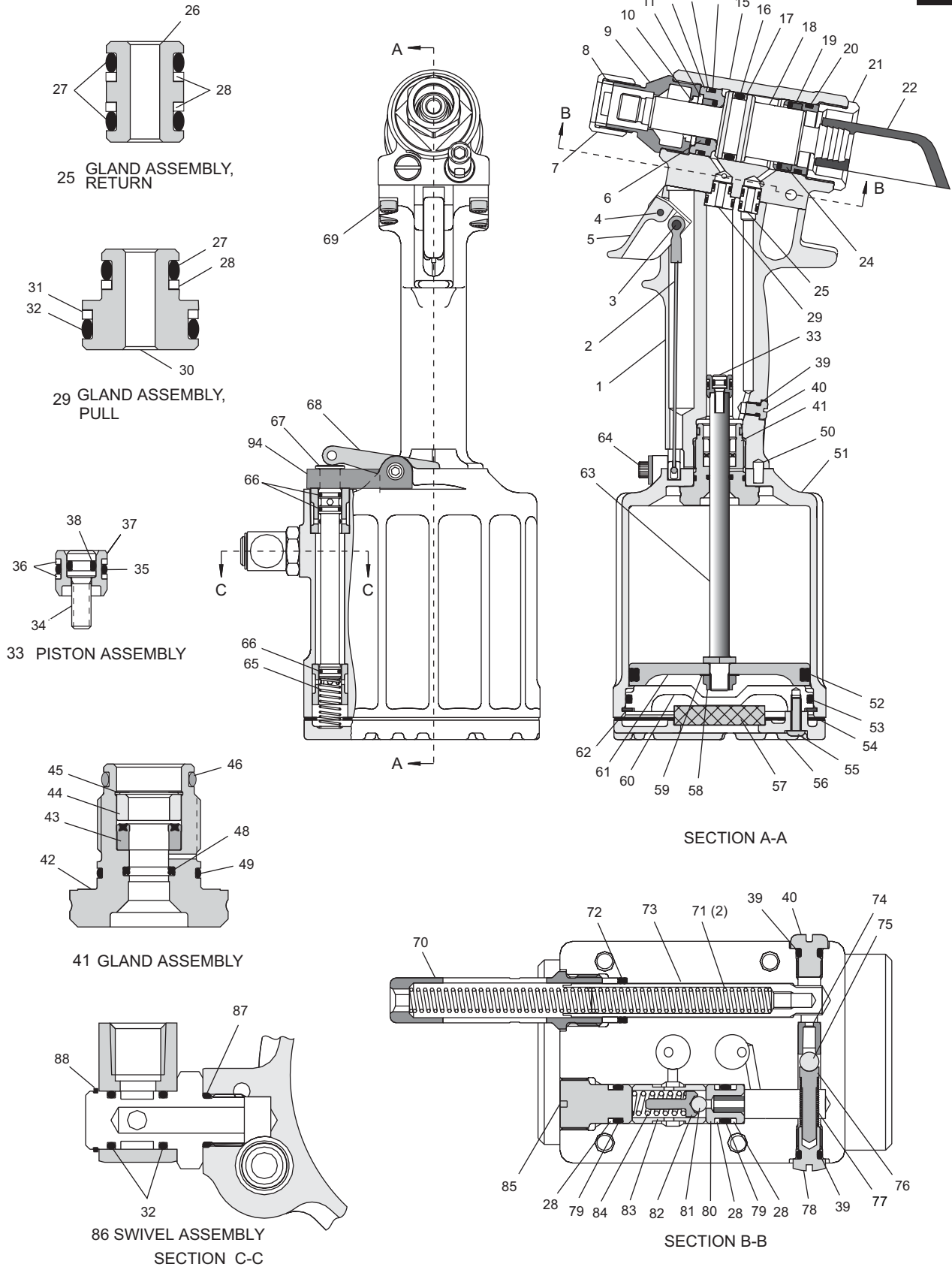
Makers of Huck®, Marson®, Recoil®
Brand Fasteners, Tools & Accessories

Form HK 989
03-01-2004



ASSEMBLY DRAWING 244

FIG. 9

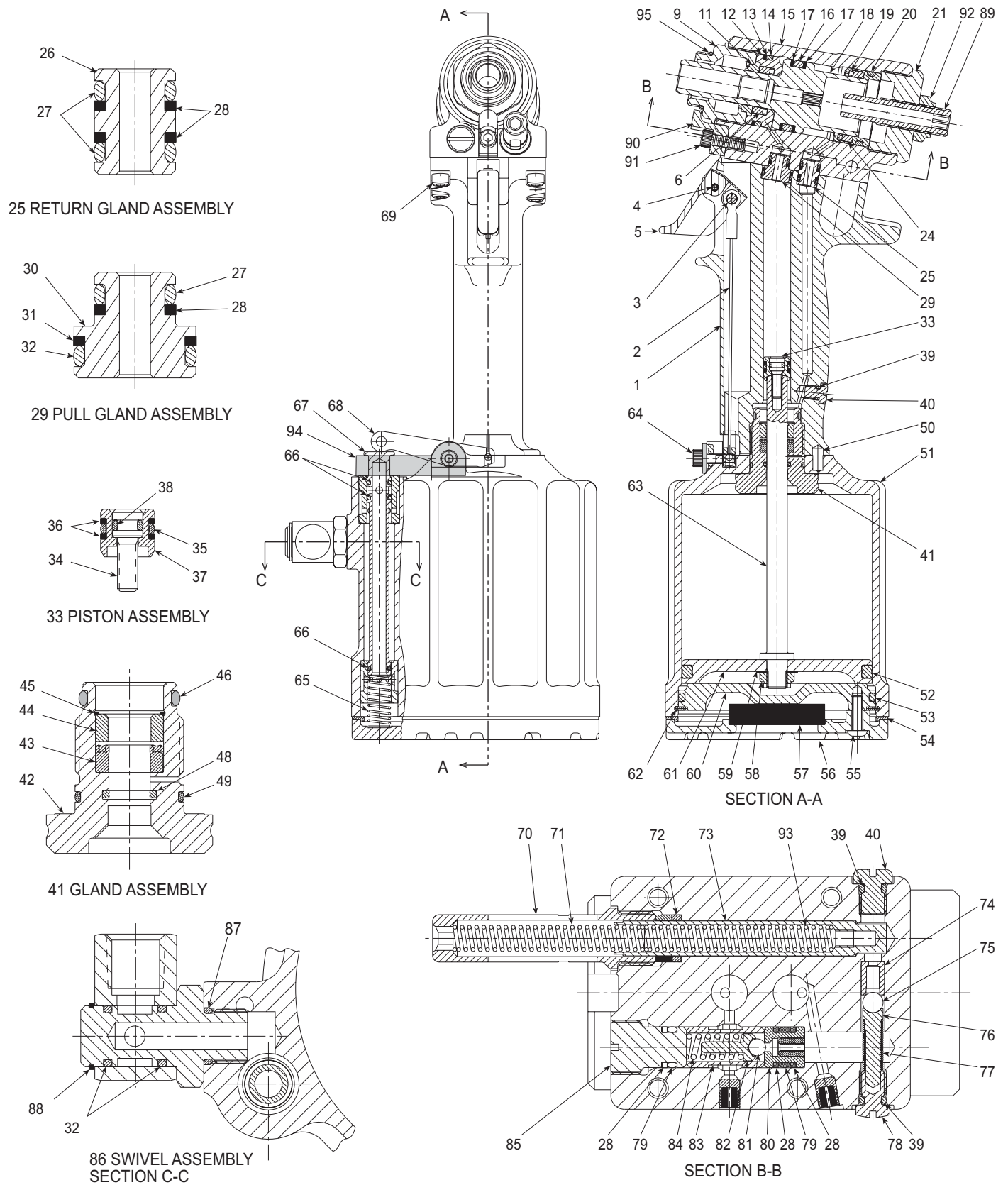


PARTS LIST 244

ITEM	PART#	DESCRIPTION	QTY	ITEM	PART#	DESCRIPTION	QTY
1	125550	Handle	1	46	500812	O-Ring	1
2	116404-1	Cable Assembly	1	47	-----	-----	---
3	505496	Trigger Pin	1	48	501074	Quad-Ring	1
4	500621	Roll Pin	1	49	500786	O-Ring	1
5	124333-1	Trigger	1	50	505496	Timing Pin	1
6	505818	Polyseal	1	51	125560	Cylinder Assembly	1
7	111795	Retaining Nut	1	52	501456	Quad-Ring	1
8	120588	Stop	1	53	500869	O-Ring	1
9	125537	Nose Adapter	1	54	125724-1	Gasket	1
10	505817	Wiper Seal	1	55	504127	Screw	3
11	122432	Gland Cap	1	56	116585-1	Bottom Plate	1
12	125538	Front Gland	1	57	115554-1	Muffler	1
13	501113	Back-Up Ring	1	58	505420	Locknut	1
14	500819	O-Ring	1	59	506493	Washer	1
15	125535	Head, Plug, & Seat Assy	1	60	111959-1	Cylinder Head	1
16	507401	O-Ring	1	61	123753	Air Piston	1
17	501142	Back-Up Ring	2	62	506490	Retaining Ring	1
18	125885	Hydraulic Piston	1	63	125561	Piston Rod	1
19	125543	Rear Gland	1	64	125118	Pivot Screw	1
20	500820	O-Ring	1	65	116272	Spring	1
21	125545	End Cap	1	66	507396	O-Ring	3
22	124211	Pintail Deflector	1	67	125562	Throttle Valve	1
23	-----	-----	---	68	123754	Throttle Arm	1
24	507400	Polyseal	1	69	500062	Screw	4
25	125555	Return Gland Assembly	1	70	112403	Housing/Spacer Assembly	1
26	125554	Gland Housing	1	71	505864	Spring	2
27	500776	O-Ring	3	72	501408	Quad-Ring	1
28	501082	Back-Up Ring	6	73	112405	Reservoir Plunger	1
29	125553	Pull Gland Assembly	1	74	111139	Seat	1
30	125552	Pull Gland Housing	1	75	502929	Ball	1
31	501085	Back-Up Ring	1	76	111067	Check Valve Guide	1
32	500779	O-Ring	3	77	100874	Spring	1
33	118865	Piston Assembly	1	78	111068	Plug	1
34	117773	Screw	1	79	505446	O-Ring	2
35	503768	O-Ring	1	80	126134	Seat Assembly	1
36	501084	Back-Up Ring	2	81	502506	Ball	1
37	117774	Piston	1	82	120128	Guide	1
38	500773	O-Ring	1	83	120127	Sleeve	1
39	505438	O-Ring	3	84	507403	Spring	1
40	100309	Plug	2	85	114530	Plug	1
41	125557	Gland Assembly	1	86	507164	Swivel Assembly	1
42	126312	Gland/O-ring Assembly	1	87	500778	O-Ring	1
43	506611	Polyseal	1	88	502274	Retaining Ring	1
44	123904	Spacer	1	94	125117	Lever Guard	1
45	505939	Retaining Ring	1				

ASSEMBLY DRAWING 244OS

FIG. 10



PARTS LIST 244OS

ITEM	PART#	DESCRIPTION	QTY	ITEM	PART#	DESCRIPTION	QTY
1	125550	Handle	1	49	500786	O-Ring	1
2	116404-1	Cable Assembly	1	50	505496	Timing Pin	1
3	505496	Trigger Pin	1	51	125560	Cylinder Assembly	1
4	500621	Roll Pin	1	52	501456	Quad-Ring	1
5	124333-1	Trigger	1	53	500869	O-Ring	1
6	505818	Polyseal	1	54	125724-1	Gasket	1
7	-----	-----	----	55	504127	Screw	3
8	-----	-----	----	56	116585-1	Bottom Plate	1
9	125947	Nose Adapter	1	57	115554-1	Muffler	1
10	-----	-----	----	58	505420	Locknut	1
11	126323	Gland Cap/Bearing	1	59	506493	Washer	1
12	126530	Front Gland	1	60	111959-1	Cylinder Head	1
13	501113	Back-Up Ring	1	61	123753	Air Piston	1
14	500819	O-Ring	1	62	506490	Retaining Ring	1
15	125535	Head, Plug, & Seat Assy	1	63	125561	Piston Rod	1
16	507401	O-Ring	1	64	125118	Pivot Screw	1
17	501142	Back-Up Ring	2	65	116272	Spring	1
18	125946	Hydraulic Piston	1	66	507396	O-Ring	3
19	125543	Rear Gland	1	67	125562	Throttle Valve	1
20	500820	O-Ring	1	68	123754	Throttle Arm	1
21	125948	End Cap	1	69	500062	Screw	4
22	-----	-----	----	70	112403-1	Housing/Spacer Assembly	1
23	-----	-----	----	71	505864	Spring	1
24	507400	Polyseal	1	72	501408	Quad-Ring	1
25	125555	Return Gland Assembly	1	73	112405	Reservoir Plunger	1
26	125554	Gland Housing	1	74	111139	Seat	1
27	500776	O-Ring	3	75	502929	Ball	1
28	501082	Back-Up Ring	6	76	111067	Check Valve Guide	1
29	125553	Pull Gland Assembly	1	77	100874	Spring	1
30	125552	Pull Gland Housing	1	78	111068	Plug	1
31	501085	Back-Up Ring	1	79	505446	O-Ring	2
32	500779	O-Ring	3	80	126134	Seat Assembly	1
33	118865	Piston Assembly	1	81	502506	Ball	1
34	117773	Screw	1	82	120128	Guide	1
35	503768	O-Ring	1	83	120127	Sleeve	1
36	501084	Back-Up Ring	2	84	507403	Spring	1
37	117774	Piston	1	85	114530	Plug	1
38	500773	O-Ring	1	86	507164	Swivel Assembly	1
39	505438	O-Ring	3	87	500778	O-Ring	1
40	100309	Plug	2	88	502274	Retaining Ring	1
41	125557	Gland Assembly	1	89	125949	Piston Stop	1
42	126312	Gland/O-ring Assembly	1	90	125951	Rotational Stop	1
43	506611	Polyseal	1	91	500102	Cap Screw	1
44	123904	Spacer	1	92	501071	Locknut	1
45	505939	Retaining Ring	1	93	507602	Spring	1
46	500812	O-Ring	1	94	125117	Lever Guard	1
47	-----	-----	----	95	500784	O-Ring	1
48	501074	Quad-Ring	1				



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