



FIGURE 27 - HYDRAULIC POWER & CONTROL VALVE

KEY	ITEM NO.	PART NUMBER	1	2	3	4	NOMENCLATURE	UNITS PER ASSY	USAGE
1	3100	145-58012	Valve Assy - Hydraulic Power and Control Unit	-	-	-	-	1	2-1564
	3100-20	145-58012-20	Valve Assy - Hydraulic Power and Control Unit	-	-	-	-	1	1565-1627
	3100-10	145-58012-10	Valve Assy - Hydraulic Power and Control Unit	-	-	-	-	1	1628 & Subs
2		AN3-13A	Bolt - Aircraft 10-32	-	-	-	-	1	
3		AN23-18	Bolt - Clevis 10-32	-	-	-	-	2	
4		AN365-1032	Nut - Self Locking	-	-	-	-	3	
5	3101	145-58108	Body - Hydraulic Power and Control Unit	-	-	-	-	1	2-1627
	3101-10	145-58108-5	Body - Hydraulic Power and Control Unit	-	-	-	-	1	1628 & Subs
6	3102	145-58117	Gasket - Hydraulic Power and Control Unit	-	-	-	-	1	
7	3103	145-58147	Cap - Hydraulic Power and Control Unit	-	-	-	-	1	
8		AN3-11A	Bolt - Aircraft 10-32	-	-	-	-	3	
9		AN960-10L	Washer - Plain	-	-	-	-	3	
10		AN6227-3	Packing - "O" Ring Hydraulic	-	-	-	-	3	
11	9121	200X4	Connector - Inverted Male	-	-	-	-	2	2-1564
		AN816-4	Nipple - Flared Tube and Pipe Thread	-	-	-	-	3	1565 & Subs
12	9241	3152-3-1/8	Plug - Hydraulic Power and Control Unit	-	-	-	-	1	
13	9145	1444	Elbow - Inverted Male	-	-	-	-	4	2-1627
		AN822-4	Elbow - 90° Flared Tube and Pipe Thread	-	-	-	-	3	1628 & Subs
14	3104	145-58268	Retainer - Control Valve Poppet Spring	-	-	-	-	1	2-1627
	3104	145-58268	Retainer - Control Valve Poppet Spring	-	-	-	-	2	1628 & Subs
15	3105	145-58212	Spring - Hydraulic Power and Control Unit	-	-	-	-	1	2-1627
	3105	145-58212	Spring - Hydraulic Power and Control Unit	-	-	-	-	2	1628 & Subs
16	9240	S780-1	Valve	-	-	-	-	1	2-1627
	9240	S780-1	Valve	-	-	-	-	2	1628 & Subs
17	9235	No Number	Ball - 1/8" Diameter Stainless Steel	-	-	-	-	1	2-1627
	9235	No Number	Ball - 1/8" Diameter Stainless Steel	-	-	-	-	2	1628 & Subs
18	3106	145-58110	Plug - Hydraulic Power and Control Unit	-	-	-	-	2	
19	9237	No Number	Ball - 1/4" Diameter Stainless Steel	-	-	-	-	2	
20	3107	145-58127	Spring - Hydraulic Power and Control Unit Small	-	-	-	-	2	2-1627
21	8508	2W1ALP-4-7-20	Washer - Plain	-	-	-	-	4	2-1627
22	3108	73-58225	Spring - Hydraulic Relief Valve	-	-	-	-	1	2-1627
	3108	73-58225	Spring - Hydraulic Relief Valve	-	-	-	-	2	1628 & Subs
23	9236	No Number	Ball - 3/16 Diameter Stainless Steel	-	-	-	-	1	2-1627
	9236	No Number	Ball - 3/16 Diameter Stainless Steel	-	-	-	-	2	1628 & Subs
24	3109	145-58145-3	End - Hydraulic Power & Control Unit Shaft Slotted	-	-	-	-	2	
25		AN345-10	Nut - Light Hexagon (Fine Thread)	-	-	-	-	2	
26	3110	*145-58116-3	Shaft - Hydraulic Power and Control Unit (See Note)	-	-	-	-	2	
27		NAS51-35	Ring - External Retainer	-	-	-	-	4	
28		NAS50-75	Ring - Internal Retainer	-	-	-	-	4	
29	3111	145-58111	Retainer - Power and Control Unit Small	-	-	-	-	4	
30		AN6246-7	Packing Back Up Ring	-	-	-	-	4	
31		AN6227-7	Packing - "O" Ring Hydraulic	-	-	-	-	4	
32		NAS50-125	Ring - Internal Retainer	-	-	-	-	1	
33		AN6227-14	Packing - "O" Ring Hydraulic	-	-	-	-	1	
34	3112	145-58114-3	Bearing - Hydraulic Power and Control Unit	-	-	-	-	1	
35		AN6227-19	Packing - "O" Ring Hydraulic	-	-	-	-	1	
36	3113	145-58113	Piston - Hydraulic Power and Control Unit	-	-	-	-	1	
37		AN6227-16	Packing - "O" Ring Hydraulic	-	-	-	-	1	
38	3107	145-58127	Spring - Power and Control Unit Small	-	-	-	-	1	
39	9237	No Number	Ball - 1/4 Diameter Stainless Steel	-	-	-	-	1	
40	3106	145-58110	Plug - Hydraulic Power and Control Unit	-	-	-	-	1	
41	3114	145-58196	Handle Assy - Landing Gear Control	-	-	-	-	1	
42		AN3-14A	Bolt - Aircraft 10-32	-	-	-	-	1	
43		AN960-10L	Washer - Plain	-	-	-	-	1	
44		NAS73-3-013	Bushing - Clamp Up	-	-	-	-	3	
45		AN960-10	Washer - Plain	-	-	-	-	2	
46		AN365-1032	Nut - Self Locking	-	-	-	-	1	
47	3115	145-58233	Spacer - Control Valve Handle Linkage	-	-	-	-	1	
48		AN970-3	Washer - Flat (For Wood)	-	-	-	-	1	
49		AN3-6A	Bolt - Aircraft 10-32	-	-	-	-	1	
50	3116	145-58253	Knob - Landing Gear Control Handle	-	-	-	-	1	
51	3117	145-58148	Spacer - Hydraulic Landing Gear Control Handle	-	-	-	-	1	
52	3118	145-58149	Rod - Hydraulic Landing Gear Control Handle	-	-	-	-	1	
53	3119	145-58192	Bellcrank Assy - Hydraulic Landing Gear Control	-	-	-	-	1	
54	3120	145-58167	Spring - Hydraulic Landing Gear Control Handle	-	-	-	-	1	
55	8485	2W1-21-14-64	Washer - Plain	-	-	-	-	1	
56		AN380-2-2	Cotter	-	-	-	-	1	
57	3121	145-58168	Handle - Wing Flap Control	-	-	-	-	1	
58		AN3-6A	Bolt - Aircraft 10-32	-	-	-	-	2	
59		AN960-10L	Washer - Plain	-	-	-	-	1	
60	8323	4S3-10-5	Spacer - Bolt	-	-	-	-	1	
61		AN365-1032	Nut - Self Locking	-	-	-	-	1	
62		AN3-6A	Bolt - Aircraft 10-32	-	-	-	-	1	
63		AN970-3	Washer - Flat	-	-	-	-	1	
64	3115	145-58233	Spacer - Valve Handle Linkage	-	-	-	-	2	
65		AN960-10	Washer - Plain	-	-	-	-	1	2-1789
66	2104	145-51061-3	Knob - Wing Flap Control Handle	-	-	-	-	1	1790 & Subs
	2104-10	145-51075	Knob - Wing Flap Control Handle	-	-	-	-	1	
67	3122	145-58203	Handle - Hydraulic Power and Control	-	-	-	-	1	
68		AN24-44	Bolt - Clevis 1/4-28	-	-	-	-	1	

* 3 Sizes Available - When Ordering Specify Number Stamped On Old Shaft Near Bolt Hole