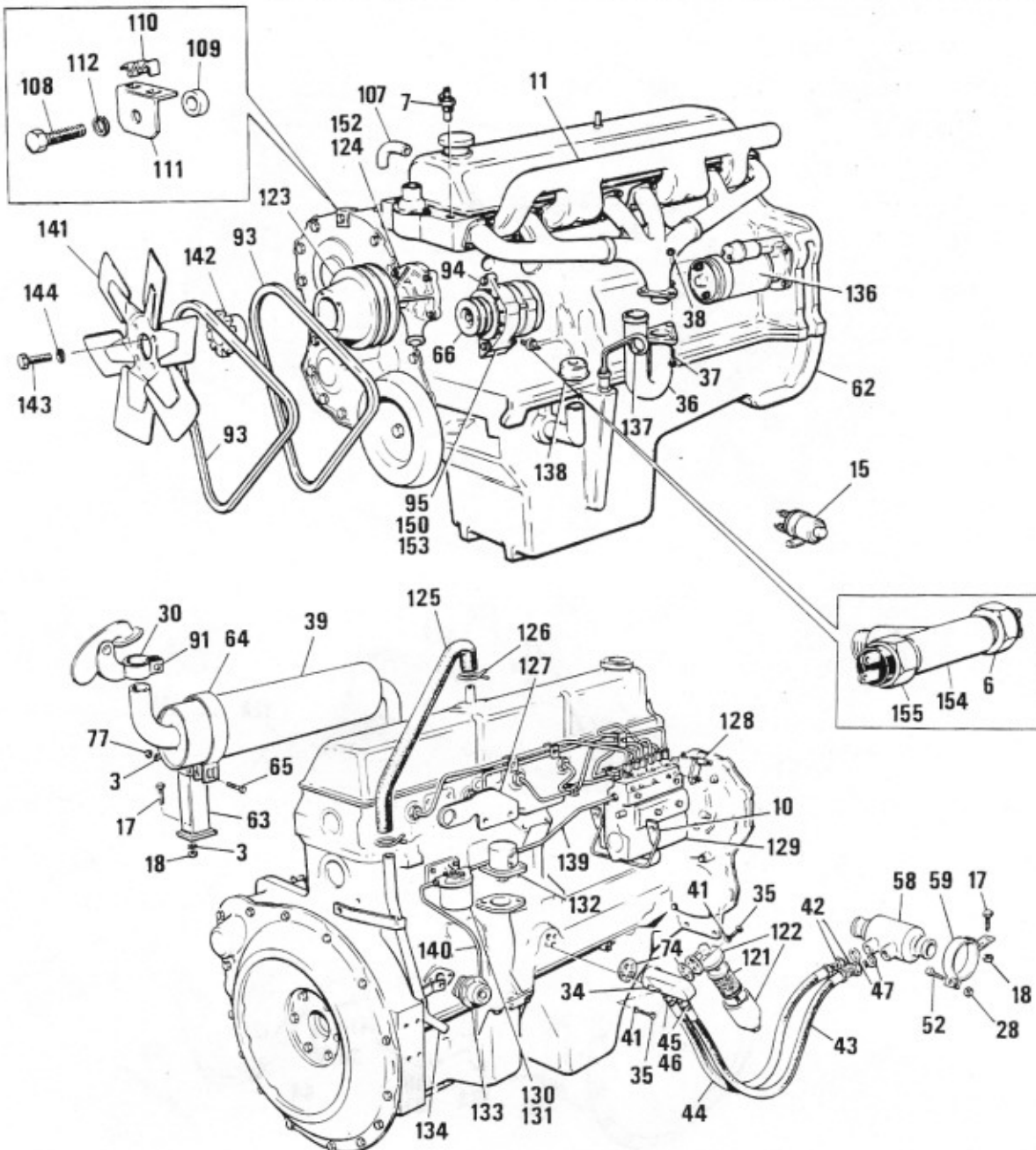
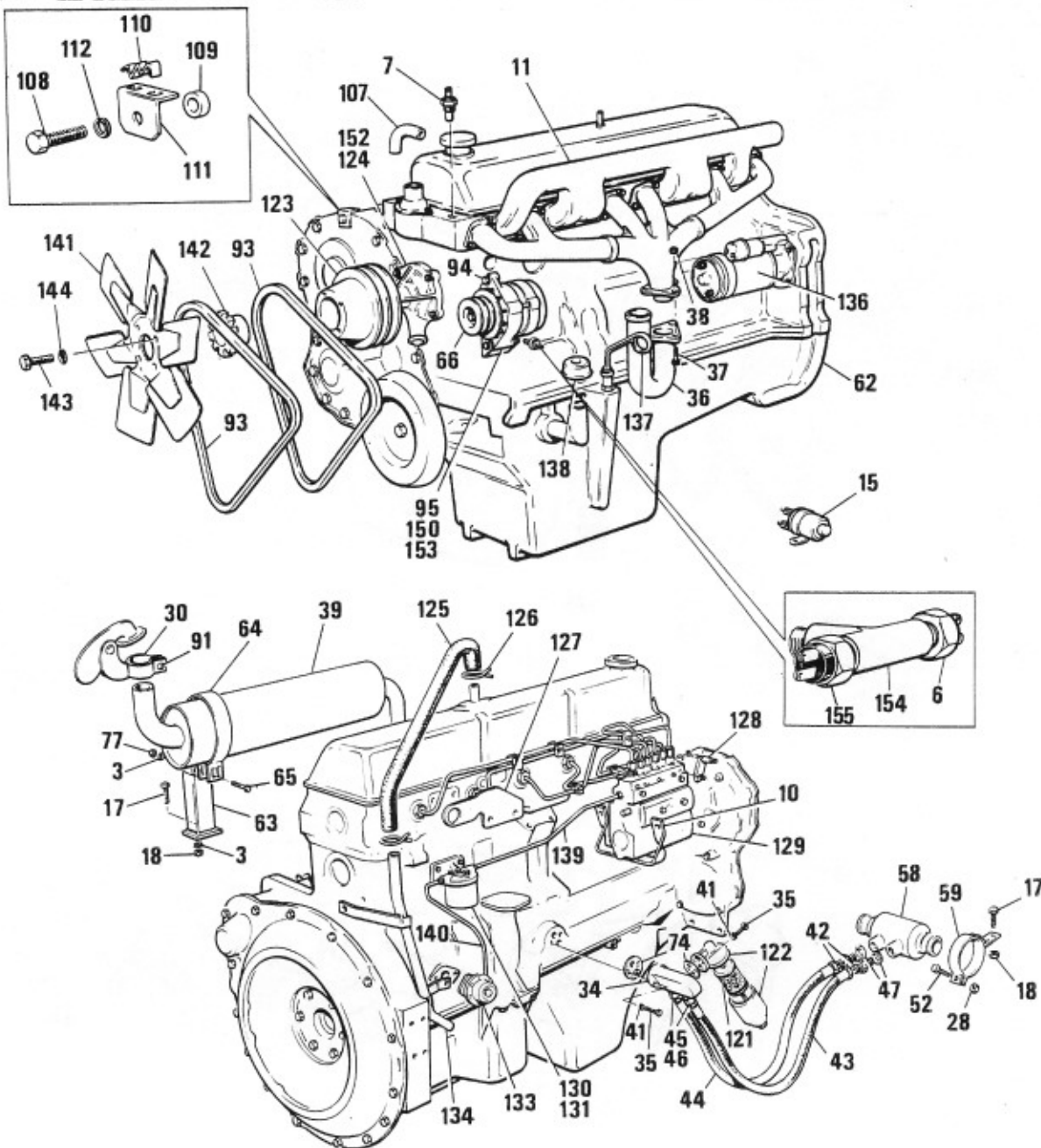


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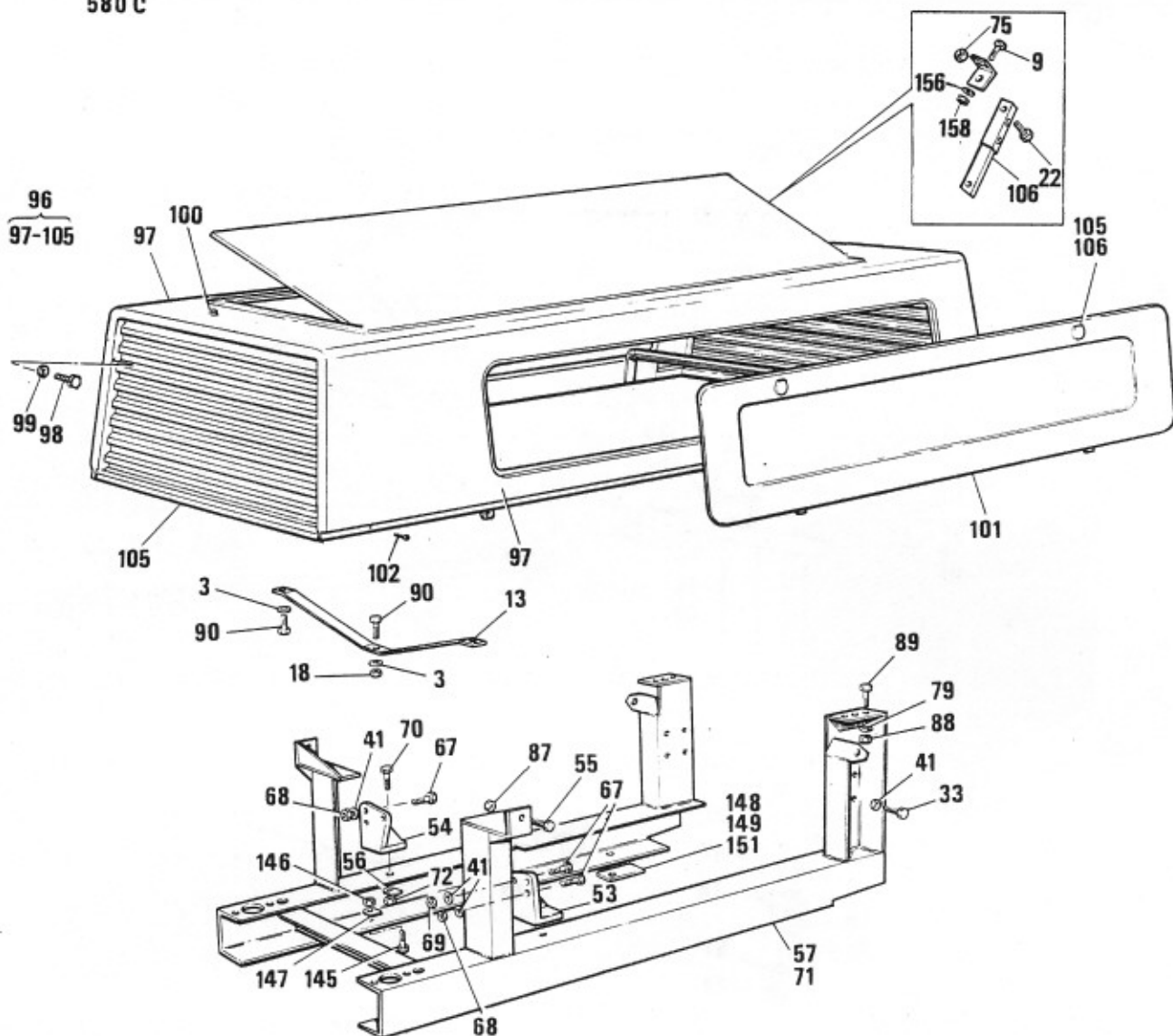
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
3	651 0605	Washer	4	62	401 7038	Basic Engine	1
6	257 2017	Oil Pressure Switch	1	63	122 9586	Bracket	1
7	257 5105	Temperature Sender	1	64	176 9085	Clip	1
10	122 0250	Throttle Bracket	1	65	625 4725	Bolt	2
11	369 0025	Induction Manifold	1	66	404 3005	Alternator Pulley	1
15	257 2001	Starter Solenoid	1	74	490 0275	Gasket	2
17	653 6715	Screw	4	91	127 1045	Screw	1
18	650 2267	Nut	4	93	116 7009	Belt (Matched Set)	1
28	650 0865	Nut	1	94	371 0011	Adjusting Arm	1
30	187 0009	Rain Cap	1	95	371 7517	Alternator and Fan Assembly	1
34	270 0188	Adaptor	1	107	271 7005	Elbow	1
35	653 4817	Screw	1	108	127 0256	Bolt	1
36	260 0025	Exhaust U Bend	1	109	495 0302	Spacer	1
37	625 6723	Bolt	3	110	176 2016	Clip	1
38	650 3067	Nut	3	111	122 0241	Bracket	1
39	260 9001	Silencer	1	112	588 0350	Spring Washer	1
41	651 0606	Washer	9	121	346 0094	Element	1
42	271 5043	Adaptor	2	122	270 9032	Engine Oil Filter - complete	1
43	307 8292	Hose	1	123	404 7011	Pulley	1
44	307 8291	Hose	1	124	402 7033	Water Pump	1
45	490 5022	Seal	2	125	307 0086	Breather Hose	1
46	271 5635	Adaptor	2	126	176 1045	Clip	1
47	490 5018	Seal	2	127	122 0522	Lifting Bracket	1
52	625 6627	Bolt	1	128	351 0206	Stop Control Lever	1
58	164 7003	Engine Oil Cooler	1	129	402 7025	Fuel Injection Pump	1
59	122 9444	Bracket	1	130	270 7015	Fuel Oil Filter - complete	1

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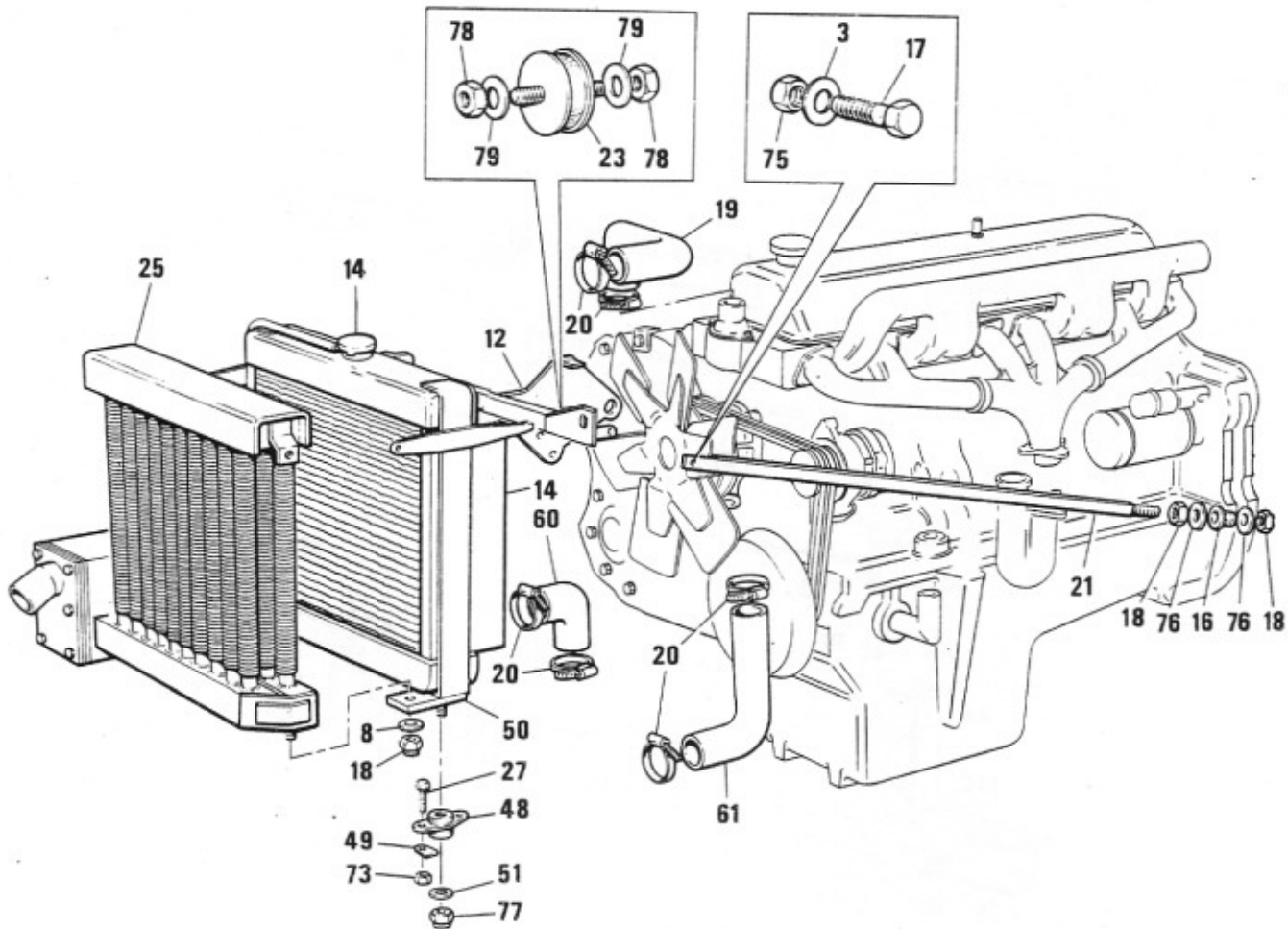
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
131	270 0072	Element	1	153	371 0010	Support Bracket	1
132				154	271 9078	Tee	1
133	402 7018	Fuel Pump	1	155	251 1716	Hourmeter Switch	1
134	541 9060	Breather Tube	1				
135	176 1046	Hose Clip	1				
136	371 7014	Starter Motor - 12 Volt	1				
	371 7013	Starter Motor - 24 Volt	1				
137	290 0019	Dipstick	1				
138	270 0117	Oil Filler Cap	1				
139	541 4189	Fuel Line	1				
140	541 4190	Fuel Line	1				
141	275 0012	Radiator Fan	1				
142	321 0005	Hub	1				
143	652 6715	Screw	4				
144	651 0605	Spring Washer	4				
150	275 7022	Alternator Fan Assembly	1				
151							
152	490 0301	Water Pump Gasket	1				

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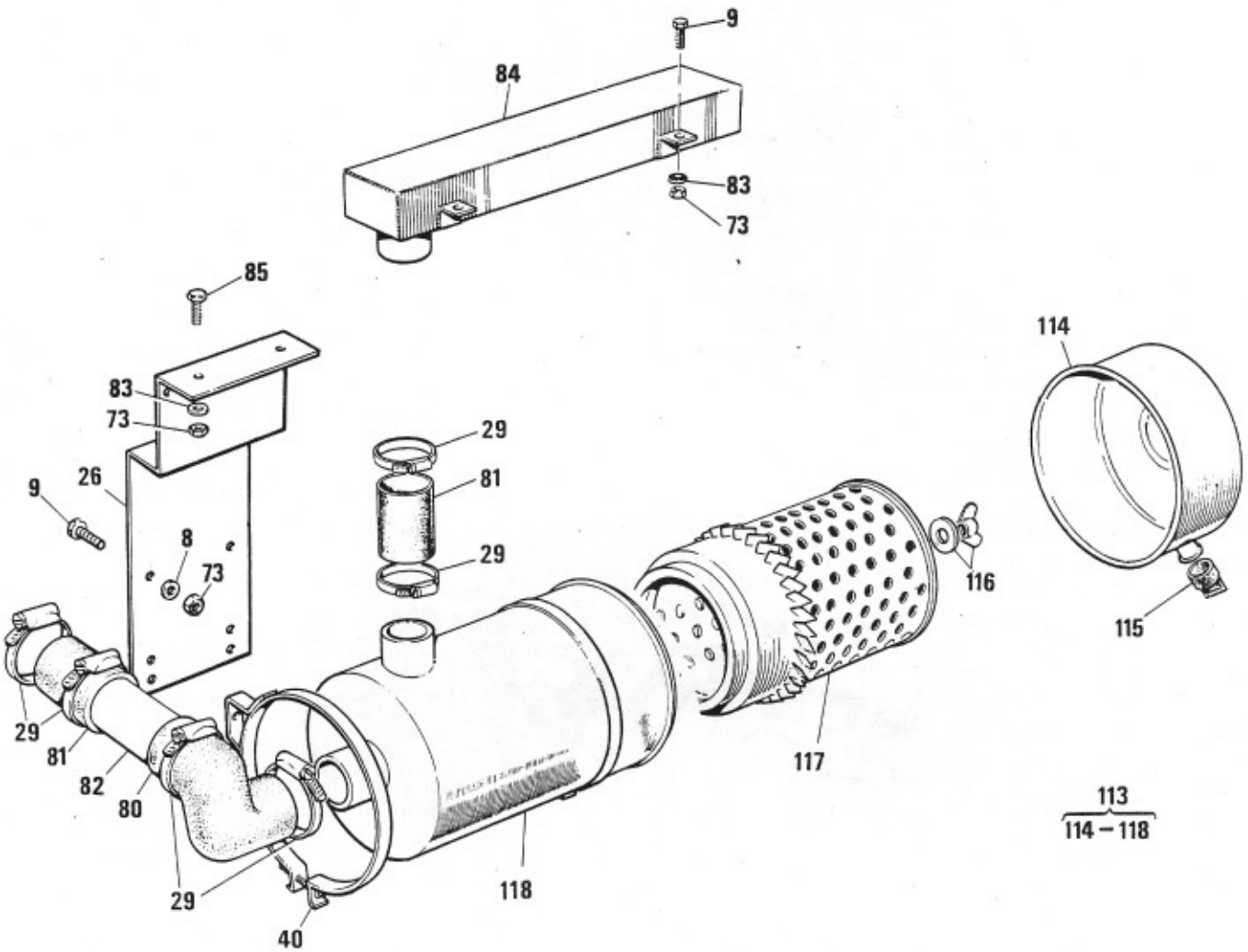
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
3	651 0605	Washer	3	98	653 6507	Screw	8
9	653 6615	Screw	1	99	651 0603	Washer	16
13	486 1048	Cross Stay	1	100	713 0031	Rubber Pad	6
18	650 2267	Nut	1	101	167 8051	Side Cover Assembly	2
22	653 6711	Screw	2	102	653 6511	Screw	8
33	653 4815	Screw	8	103	167 8060	Canopy Lid Assembly	1
41	651 0606	Washer	14	104	127 1059	Screw	9
53	401 0111	Engine Mounting -L.H.	1	105	167 9612	Side Cover	2
54	401 0110	Engine Mounting -R.H.	1	106	167 0479	Lid Stay	1
55	653 5119	Screw	2	145	625 7227	Bolt	4
56	651 1009	Taper Washer	2	146	651 0510	Washer	4
57	273 9177	Skid Frame	1	147	385 0019	Nut	4
67	625 4819	Bolt	6	148	588 5514	Washer	4
68	650 2248	Nut	2	149	588 5515	Washer	4
69	650 0848	Nut	1	151	588 5516	Washer	4
70	625 5127	Bolt	2	156	651 0604	Washer	1
71	588 5558	Washer	2	157	122 1149	Bracket	1
72	385 0073	Nut	2	158	650 2266	Nut	1
75	650 0867	Nut	2				
79	651 0607	Washer	2				
87	650 2251	Nut	2				
88	650 2249	Nut	2				
89	653 4917	Screw	2				
90	653 6713	Screw	2				
96	167 8053	Canopy Assembly	1				
97	167 9509	Canopy	1				

755 0080C Issue 2 (EC 3760)

HYMACTitle : **POWER PACK**Issue : **5**
Sheet **4** of **5****755 0080 C****580 C**

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
3	651 0605	Washer	2				
8	651 0604	Washer	4				
12	122 9495	Support Bracket	1				
14	453 3001	Radiator	1				
16	490 0207	Rubber Mounting	2				
17	653 6715	Screw	2				
18	650 2267	Nut	8				
19	307 0218	Hose	1				
20	176 1015	Clip	6				
21	453 0023	Radiator Steady	2				
23	137 0033	Rubber Mounting	2				
25	164 8009	Oil Cooler	1				
27	653 6615	Screw	4				
48	137 0003	Rubber Mounting	2				
49	651 0404	Taper Washer	4				
50	453 0024	Radiator/Oil Cooler Support	2				
51	588 5510	Washer	2				
60	307 0250	Hose	1				
61	307 0223	Hose	1				
73	650 2266	Nut	4				
75	650 0867	Nut	2				
76	588 5653	Washer	4				
77	650 2247	Nut	2				
78	643 1201	Nut	4				
79	651 0607	Washer	4				

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HYMACTitle : **POWER PACK**Issue : **5**
Sheet **5** of **5****755 0080 C****580 C**

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114 - 118

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
8	651 0604	Washer	14				
9	653 6611	Screw	4				
26	122 0792	Bracket	1				
29	176 1018	Clip	6				
40	176 3017	Mounting Band	2				
73	650 2266	Nut	12				
80	307 0228	Hose	1				
81	313 0004	Hose	2				
82	414 4055	Air Tube	1				
83	588 5586	Washer	8				
84	541 9252	Tube Adaptor	1				
85	653 6615	Screw	4				
113	270 7097	Air Cleaner Assembly	1				
114	167 7027	Cover Assembly	1				
115	270 0248	Dust Valve	1				
116	470 7417	Wing Nut and Gasket Assembly	1				
117	270 7008	Element	1				
118	N.S.S.	Body	1				

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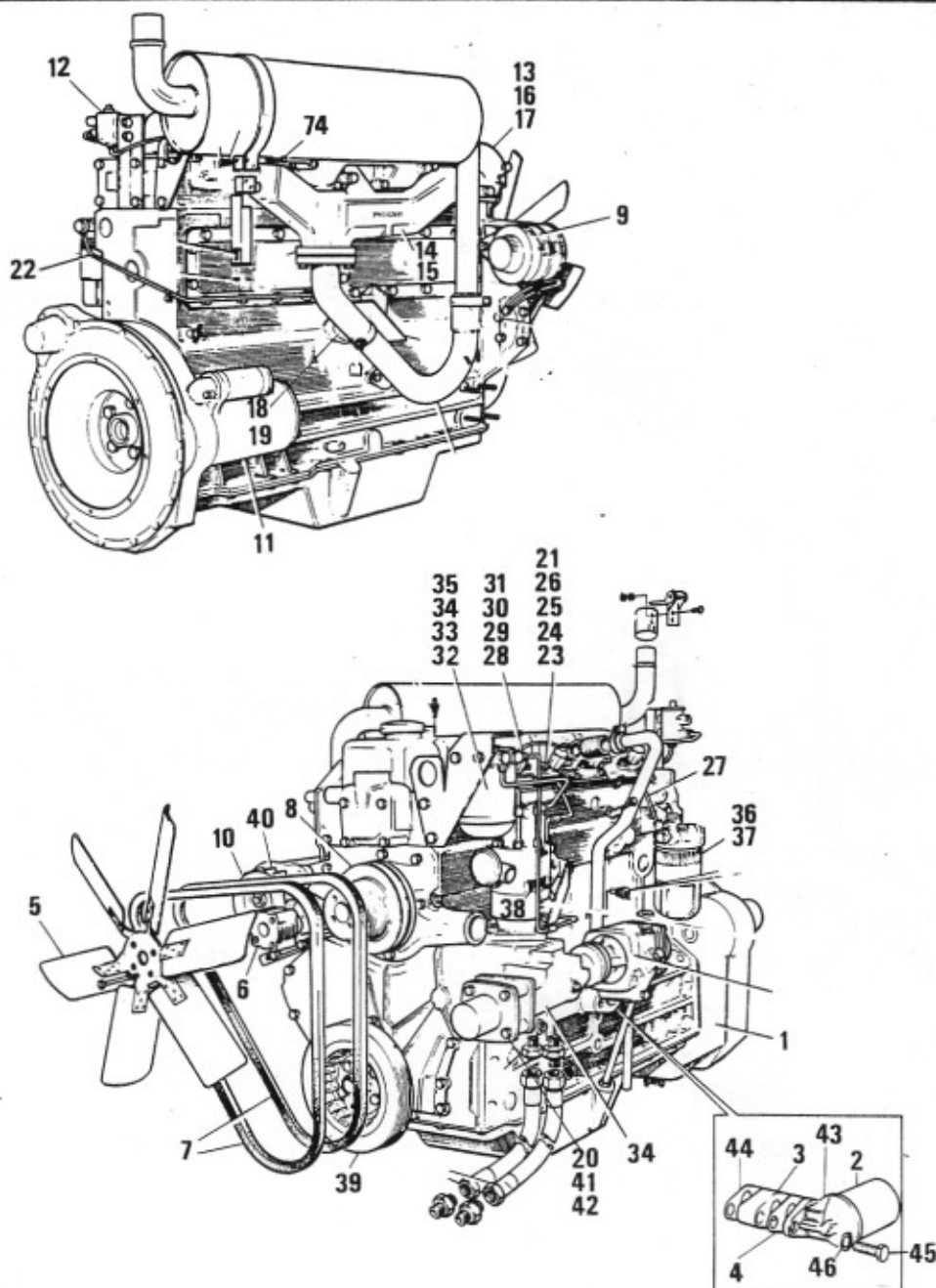


PLATE 1

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	401 7053	ENGINE ASSEMBLY	1	27	412 2100	Bundy Pipe	1
2	270 0192	Engine Oil Filter	1	28	412 2101	Bundy Pipe	1
3	271 7019	Adaptor	1	29	385 0332	Nut	1
4	490 0328	Gasket	2	30	271 1060	Banjo	1
5	275 7018	Radiator Fan	1	31	271 1045	Olive	6
6	275 0018	Distance Piece	1	32	271 4217	Banjo	1
7	116 7008	Belt - Matched Pair	1	33	127 0431	Banjo Bolt	1
8	404 7036	Fan Pulley	1	34	588 5622	Washer	2
9	371 7517	Alternator and Fan Assembly	1	35	270 7066	Secondary Fuel Oil Filter	1
10	404 7031	Alternator Pulley	1	36	270 7065	Fuel Oil Filter	1
11	371 7025	Starter	1	37	346 8563	Element	1
12	257 5239	Cold Start	1	38	402 7068	Fuel Injection Pump	1
13	369 0050	Inlet Manifold	1	39	404 2030	Crankshaft Pulley	1
14	260 0107	Exhaust Manifold	1	40	275 7022	Alternator Fan Assembly	1
15	490 0256	Gasket	1	41	490 0353	Gasket	1
16	N.S.S.	Gasket (Induction Manifold)	2	42	127 1367	Screw	4
17	N.S.S.	Gasket (Induction Manifold)	2	43	270 0190	Filter Head	1
18	402 7032	Fuel Lift Pump	1	44	490 0329	Gasket	1
19	490 0335	Gasket	1	45	127 1339	Screw	2
20	167 0755	Cover	1	46	588 5911	Washer	2
21	271 1211	Olive	4				
22	412 2121	Bundy Pipe	1				
23	127 0430	Banjo Bolt	5				
24	271 4215	Banjo	5				
25	588 5621	Washer	10				
26	385 0331	Nut	5				

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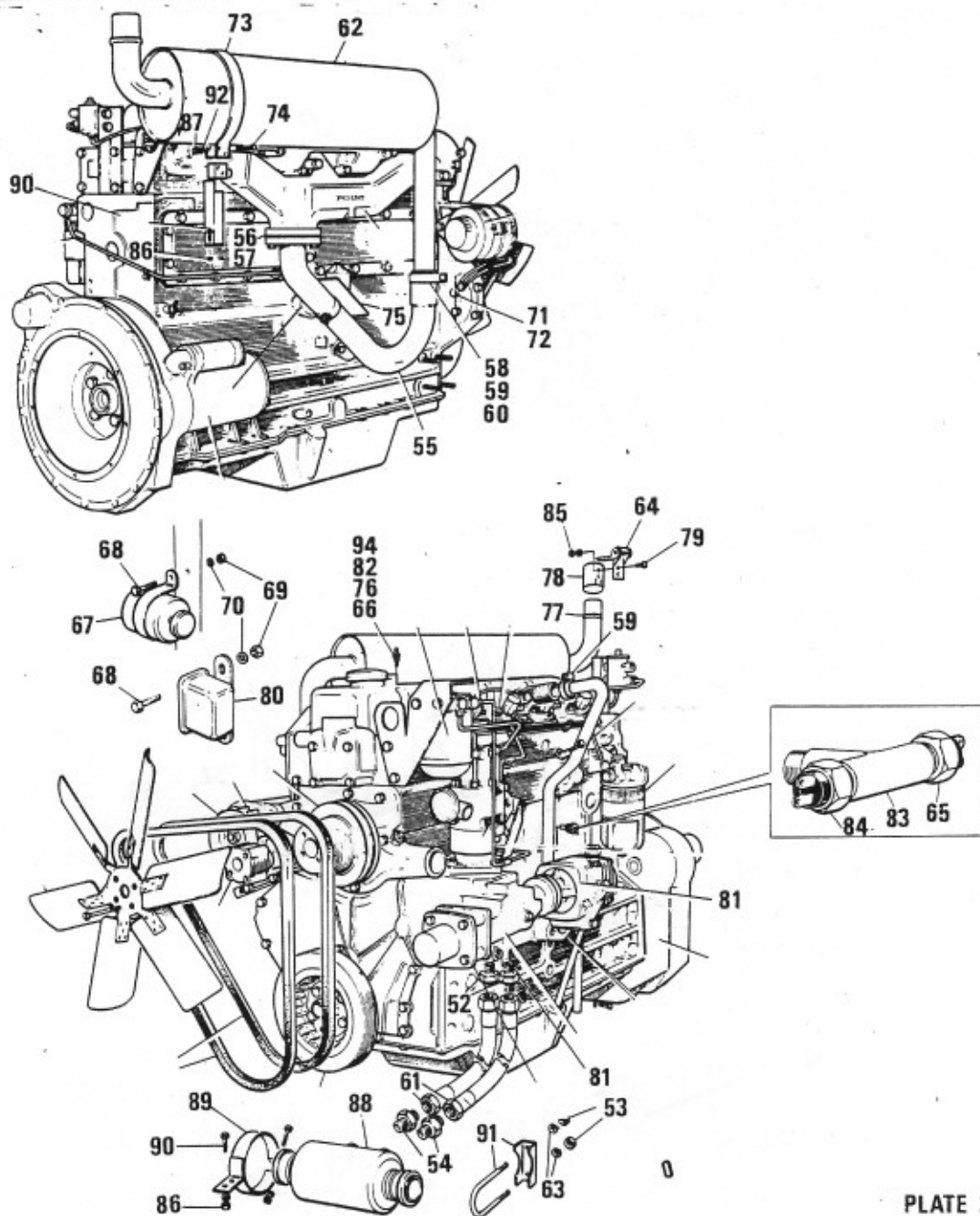
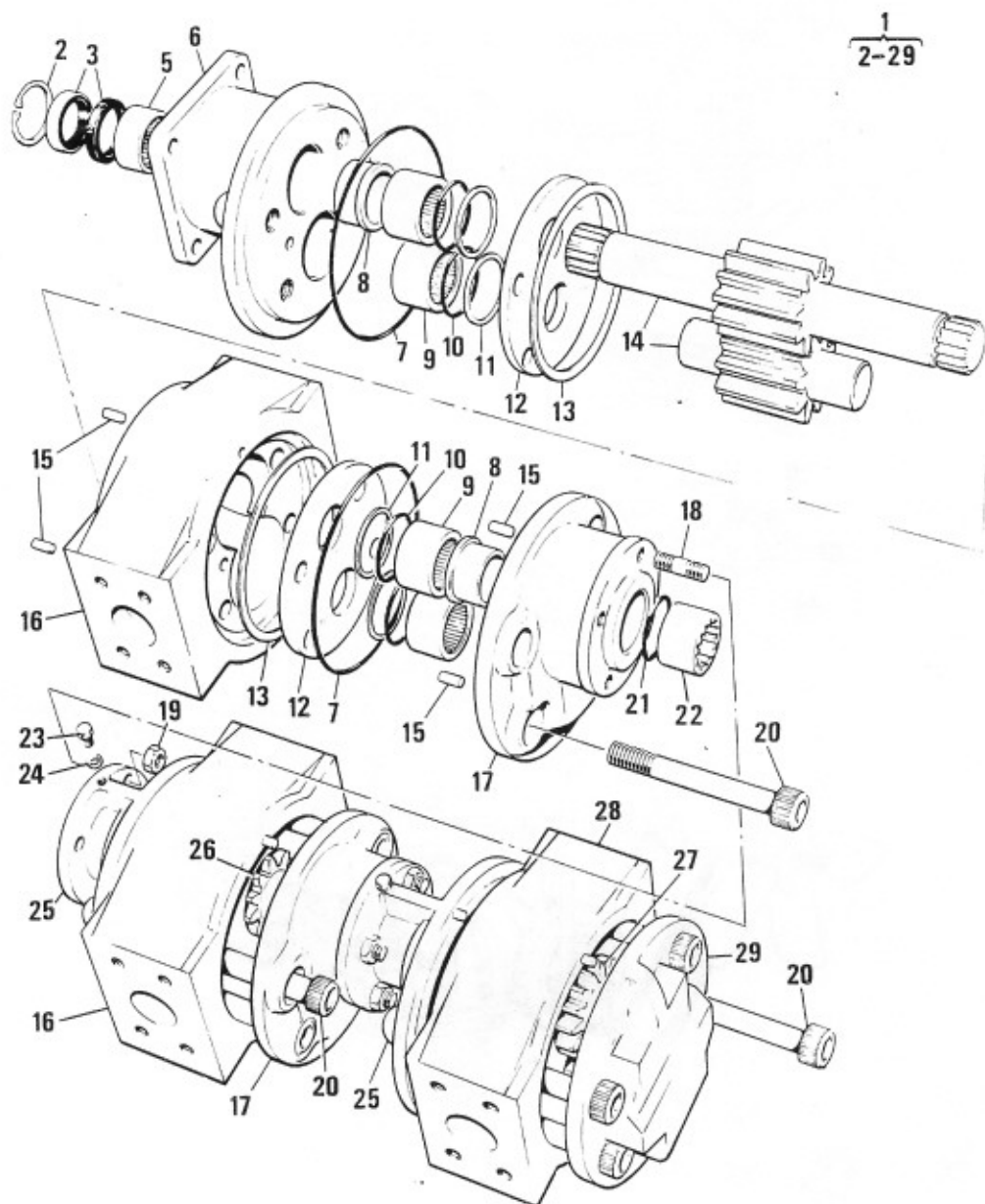


PLATE 2

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
52	271 5695	Adaptor	2	78	541 4288	Tube	1
53	385 0164	Nut	2	79	653 6609	Screw	2
54	271 0120	Adaptor	2	80	251 1032	Relay	1
55	260 9006	'U' Bend	1	81	490 5021	Bonded Seal	2
56	588 5587	Washer	3	82	271 5623	Adaptor	1
57	650 3067	Nut	3	83	271 9078	Tee	1
58	176 3203	Clamp	1	84	251 1716	Hourmeter Switch	1
59	616 6615	Bolt	2	85	385 0163	Nut	2
60	650 2266	Nut	2	86	385 0162	Nut	4
61	307 8318	Hose Assembly	2	87	385 0161	Nut	2
62	260 0062	Silencer	1	88	164 7005	Engine Oil Cooler	1
63	651 0703	Washer	2	89	122 9620	Bracket	1
64	187 0019	Rain Cap	1	90	653 6715	Screw	4
65	257 2017	Oil Pressure Switch	1	91	176 3162	'U' Clamp	1
66	257 5105	Temperature Sender	1	92	651 0705	Washer	2
67	257 2001	Starter Solenoid	1	93			
68	653 6011	Screw	4	94	271 1455	Socket	1
69	650 2260	Nut	4				
70	651 0602	Washer	4				
71	651 0704	Washer	4				
72	122 9625	Bracket	1				
73	176 9085	Clip	1				
74	625 4727	Bolt	2				
75	291 9114	Guard	1				
76	271 0838	Bush	1				
77	176 1014	Clip	1				

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	402 8109	PUMP ASSEMBLY	1	27	288 0186	Gear Set - Rear	1
2	450 0150	Circlip	1	28	320 0017	Rear Housing	1
3	490 7116	Carrier Assembly	1	29	180 0367	Cover	1
4							
5	114 4055	Thrust Bearing	1				
6	180 0375	Adaptor	1				
7		Main Seal Ring	6				
8		H.P. Bush Seal	6				
9	113 0045	Main Bearing	12				
10		Seal Ring	12				
11		Backing Ring	12				
12	245 0025	Wear Plate	6				
13		Shim	6				
14	288 7012	Gear Set - Front	1				
15	406 4034	Dowel	12				
16	118 7012	Housing	2				
17	180 0376	Cover	2				
18	497 0059	Stud	8				
19	385 0281	Nut	8				
20	127 0356	Main Capscrew	12				
21	490 6087	Seal Ring	2				
22	183 1007	Muff Coupling	2				
23	127 0231	Screw	4				
24	588 0323	Washer	4				
25	180 0368	Adaptor	2				
26	288 7013	Gear Set - Centre	1				

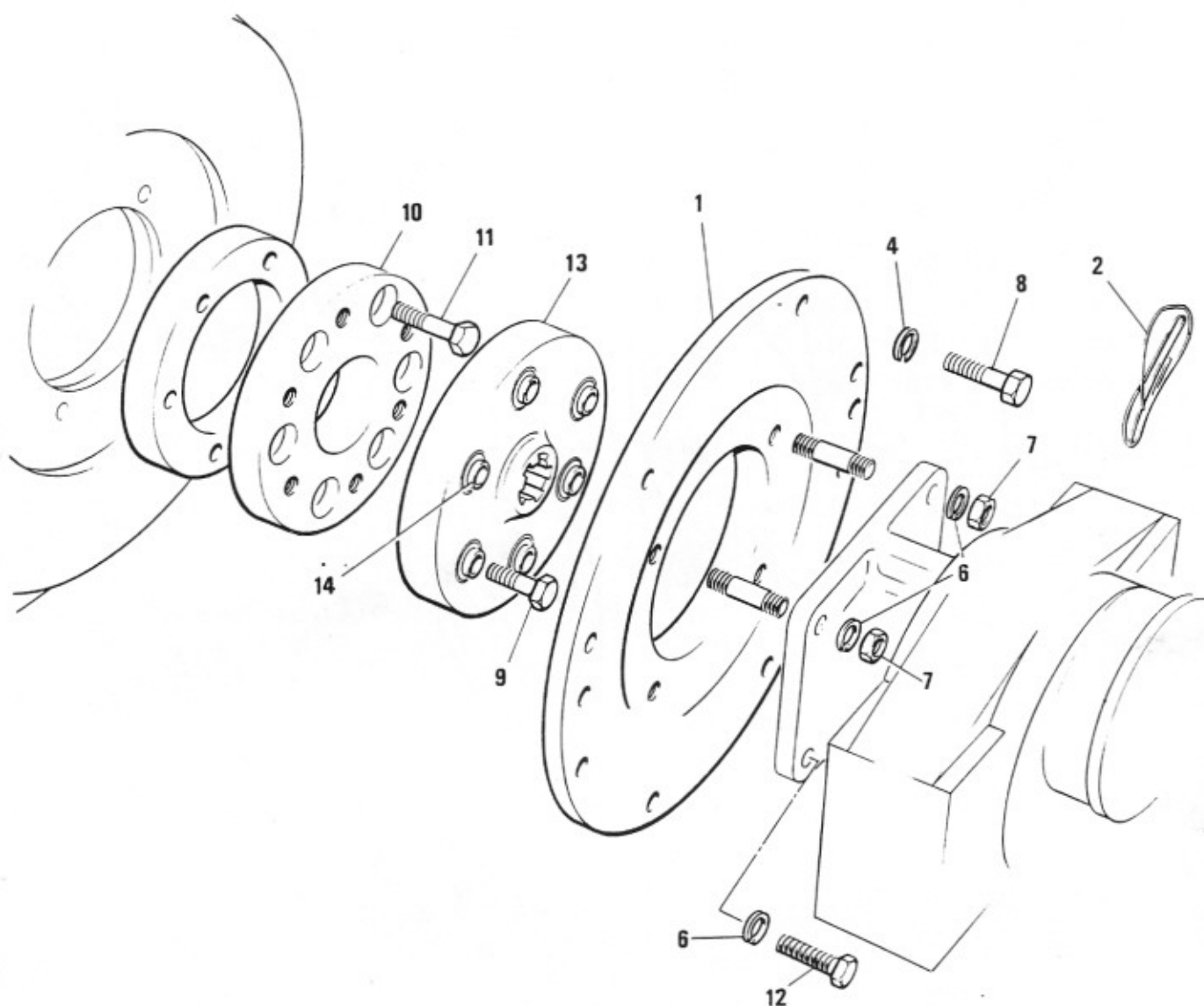
● 346 8584

Minor Seal Kit

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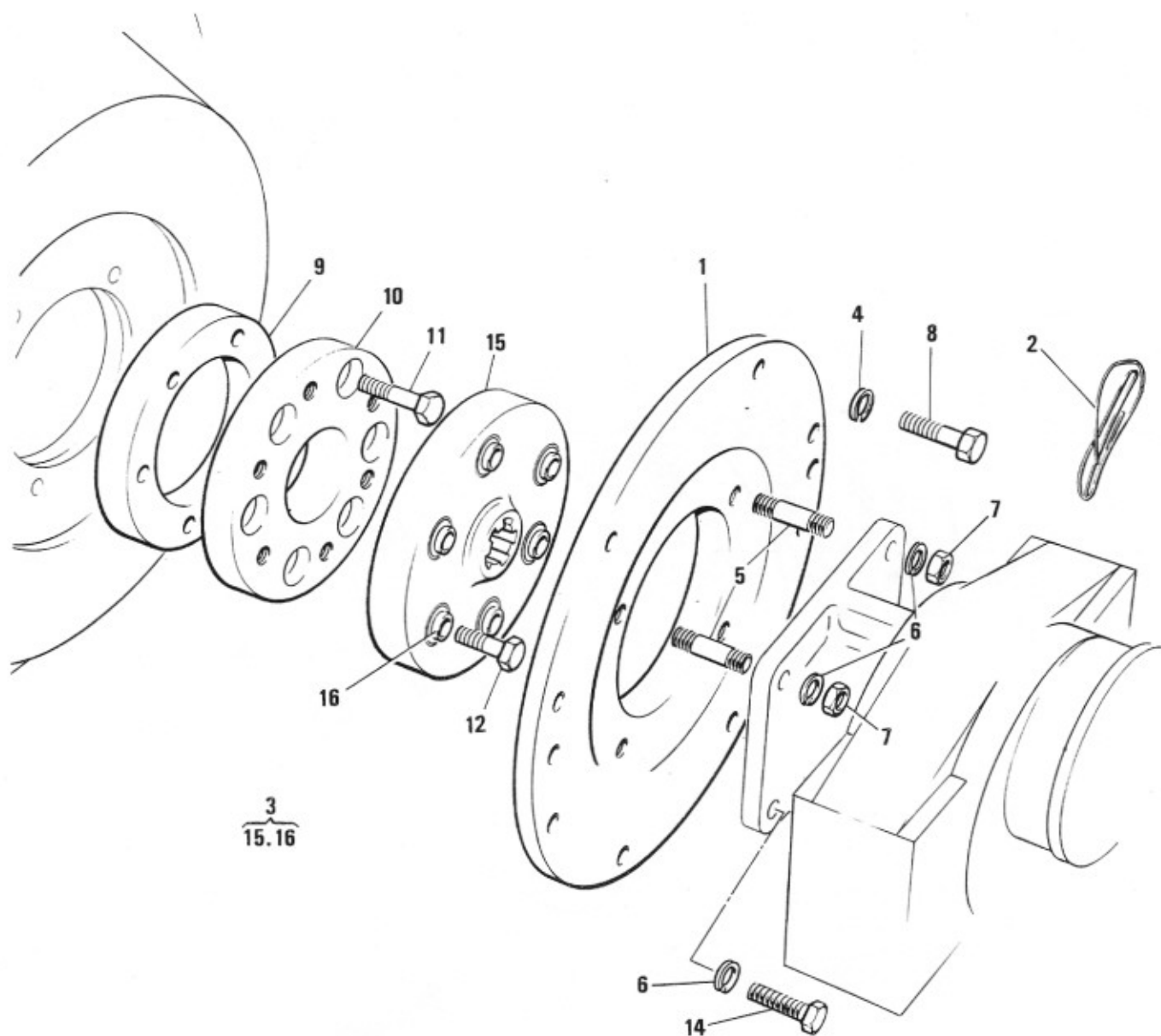
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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	397 0020	Adaptor Plate	1				
2	N.S.S.	Soft Iron Wire	A/R				
3							
4	588 5587	Washer	8				
5	497 0007	Stud	2				
6	651 0607	Washer	4				
7	650 2269	Nut	2				
8	653 4715	Screw	8				
9	127 0162	Bolt	6				
10	397 1524	Mounting Plate	1				
11	127 0142	Bolt	6				
12	653 6917	Screw	2				
13	401 0079	Drive Hub	1				
14	126 4034	Flexible Bearing	6				

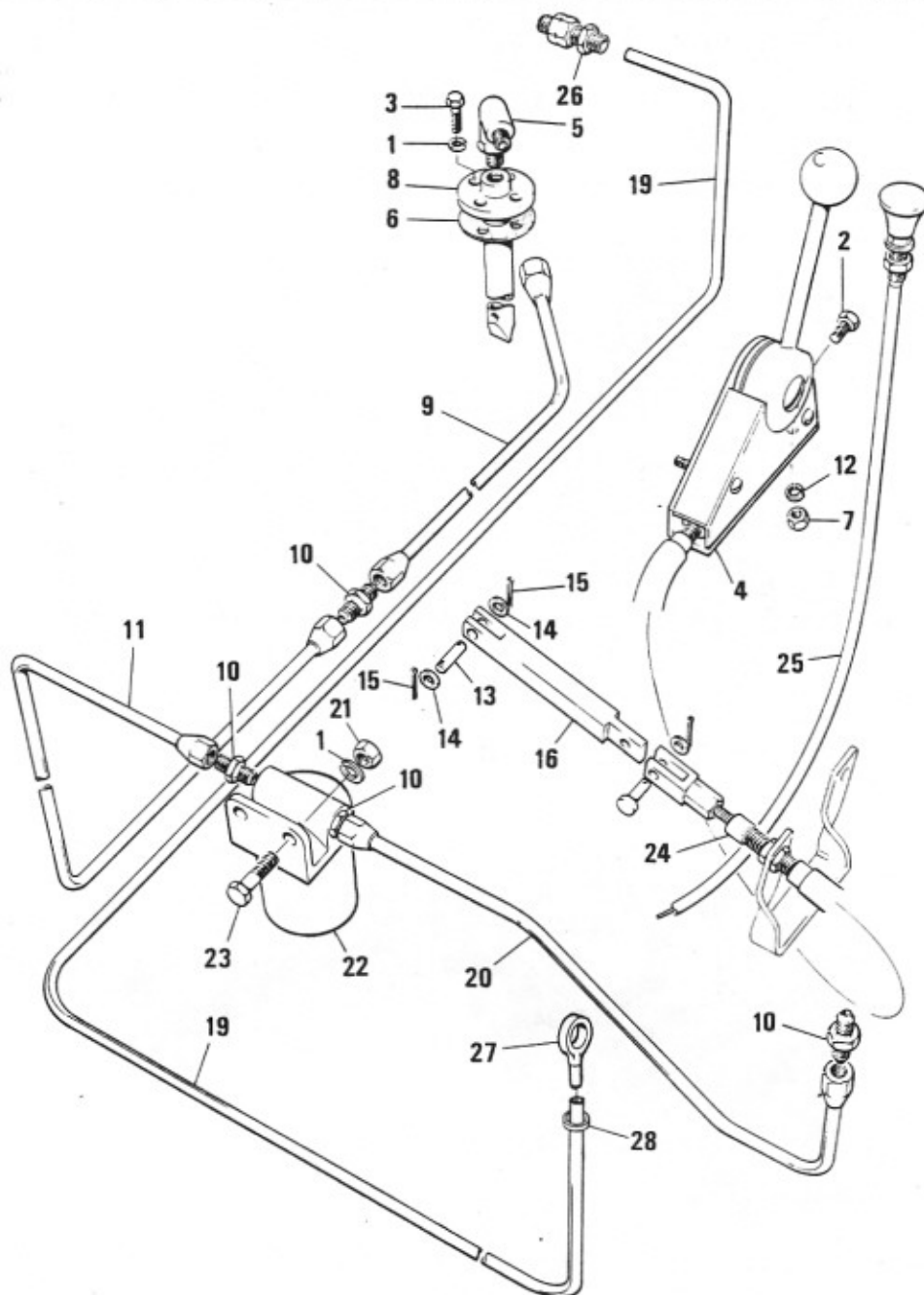
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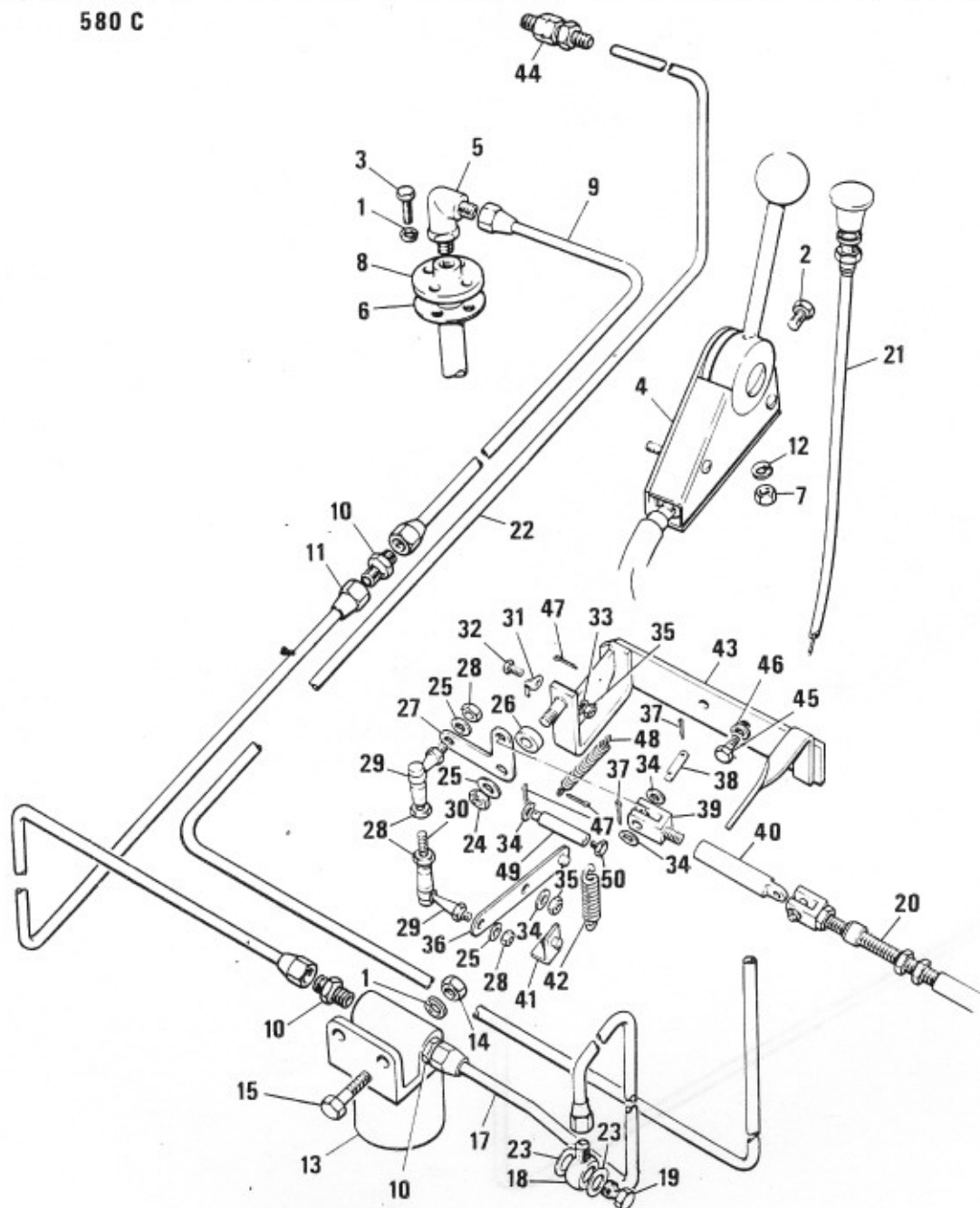
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	384 0019	Adaptor Plate	1				
2	N.S.S.	Soft Iron Wire	A/R				
3	321 8001	Drive Hub Assembly	1				
4	588 5587	Washer	10				
5	497 0007	Stud	2				
6	651 0607	Washer	4				
7	650 2269	Nut	2				
8	653 4715	Screw	10				
9	495 0505	Spacer	1				
10	401 0135	Mounting Plate	1				
11	625 6923	Bolt	6				
12	127 0375	Bolt	6				
14	653 6917	Screw	2				
15	401 0079	Drive Hub	1				
16	126 4034	Flexible Bearing	6				

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	588 5585	Washer	6	27	412 9569	Tube Assembly	
2	653 6009	Screw	2	28	176 2486	Clip	1
3	653 6513	Screw	4				
4	173 0081	Hand Throttle	1				
5	271 0379	Adaptor	1				
6	490 0009	Gasket	1				
7	650 2260	Nut	2				
8	412 9228	Fuel Suction Tube	1				
9	412 9208	Bundy Tube	1				
10	271 0278	Adaptor	4				
11	412 9209	Bundy Tube	1				
12	651 0602	Washer	2				
13	407 4201	Linkage Pin	1				
14	651 0702	Washer	2				
15	701 0204	Split Pin	2				
16	349 0082	Control Link	1				
19	311 2010	Nylon Tube	1				
20	541 9049	Tube Assembly	1				
21	650 2245	Nut	2				
22	540 0004	Sediment Bowl	1				
23	662 4511	Screw	2				
24	179 8051	Hand Throttle Cable	1				
25	179 0040	Stop Control Cable	1				
26	271 1469	Straight Connector	1				

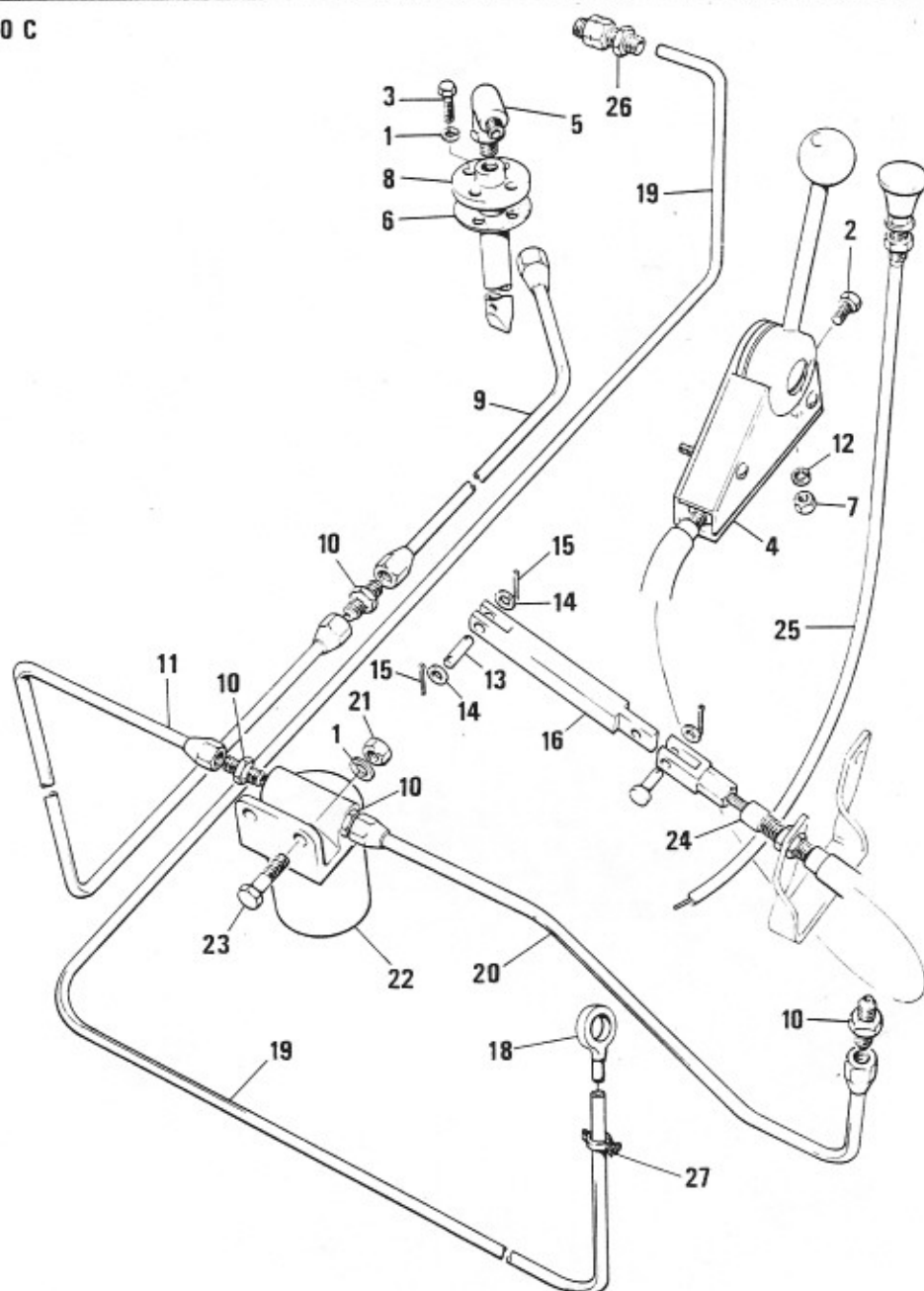
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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	588 5585	Washer	6	27	408 0038	Lever	1
2	653 6009	Screw	2	28	650 0865	Locknut	4
3	653 6513	Screw	4	29	114 0239	Ball Joint	2
4	173 0081	Hand Throttle	1	30	497 0137	Link Rod	1
5	271 0379	Adaptor	1	31	176 2417	Clip	1
6	490 0009	Gasket	1	32	653 6011	Screw	1
7	650 2260	Nut	2	33	651 0602	Washer	1
8	412 9228	Fuel Suction Tube	1	34	651 0702	Washer	4
9	412 9208	Bundy Tube	1	35	650 2260	Nut	2
10	271 0278	Adaptor	3	36	351 9177	Throttle Lever	1
11	412 9209	Bundy Tube	1	37	701 0204	Split Pin	2
12	651 0602	Washer	2	38	407 4201	Linkage Pin	1
13	540 0004	Sediment Bowl	1	39	272 0033	Fork End	1
14	650 2245	Nut	2	40	173 0105	Control Link	1
15	662 4511	Screw	2	41	122 9648	Bracket	1
16				42	493 1041	Spring	1
17	412 9573	Tube Assembly	1	43	122 9702	Bracket	1
18	271 0007	Banjo	1	44	271 1469	Straight Connector	1
19	127 1098	Bolt	1	45	625 6719	Bolt	2
20	179 8051	Hand Throttle Cable	1	46	588 5587	Washer	2
21	179 0040	Stop Control Cable	1	47	701 0308	Split Pin	3
22	311 2009	Nylon Tube	1	48	493 1055	Tension Spring	1
23	588 0006	Copper Washer	2	49	406 3527	Linkage Pin	1
24	385 0164	Nut	1	50	653 6007	Screw	1
25	651 0703	Washer	3				
26	495 0507	Spacer	1				

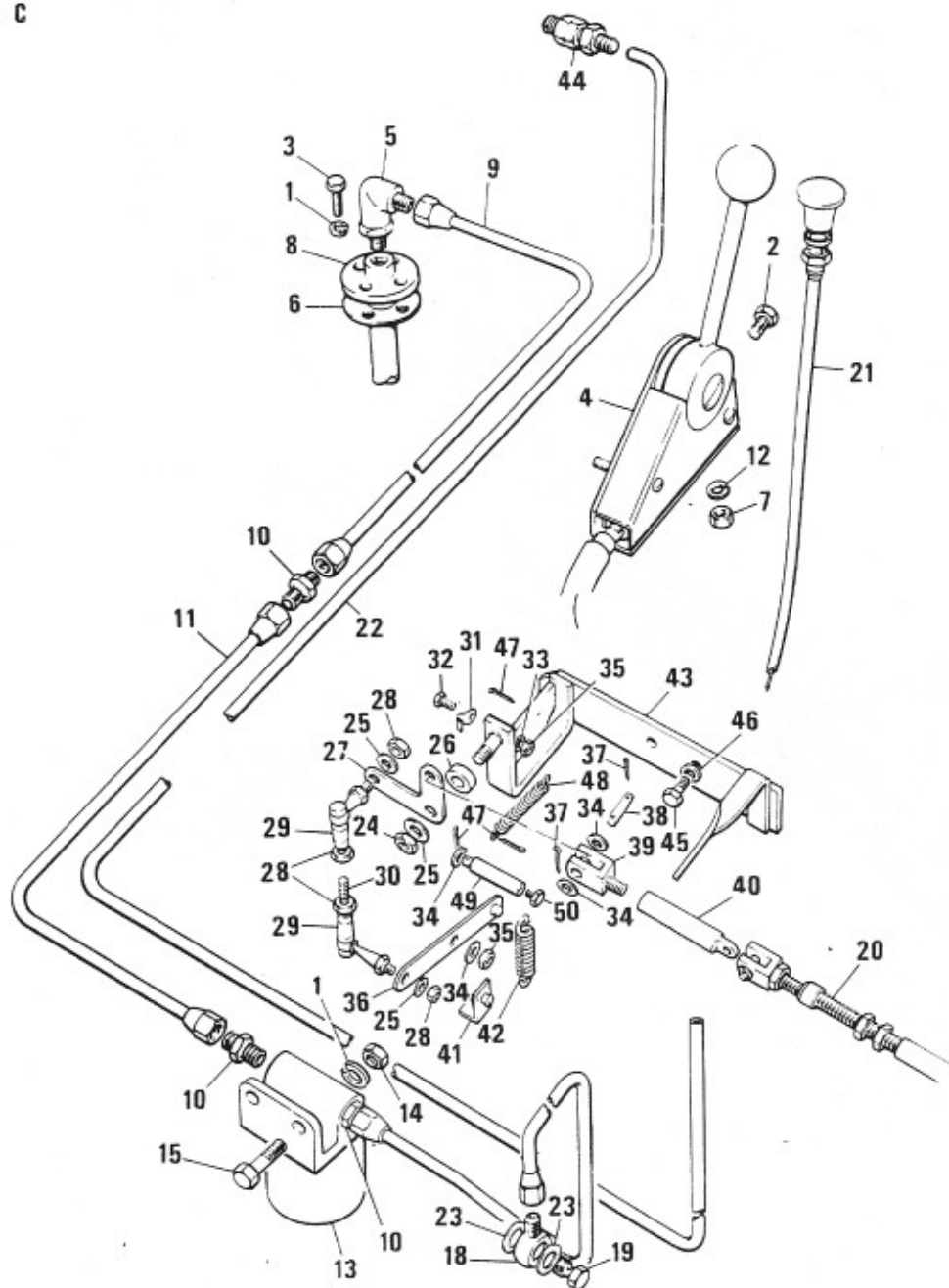
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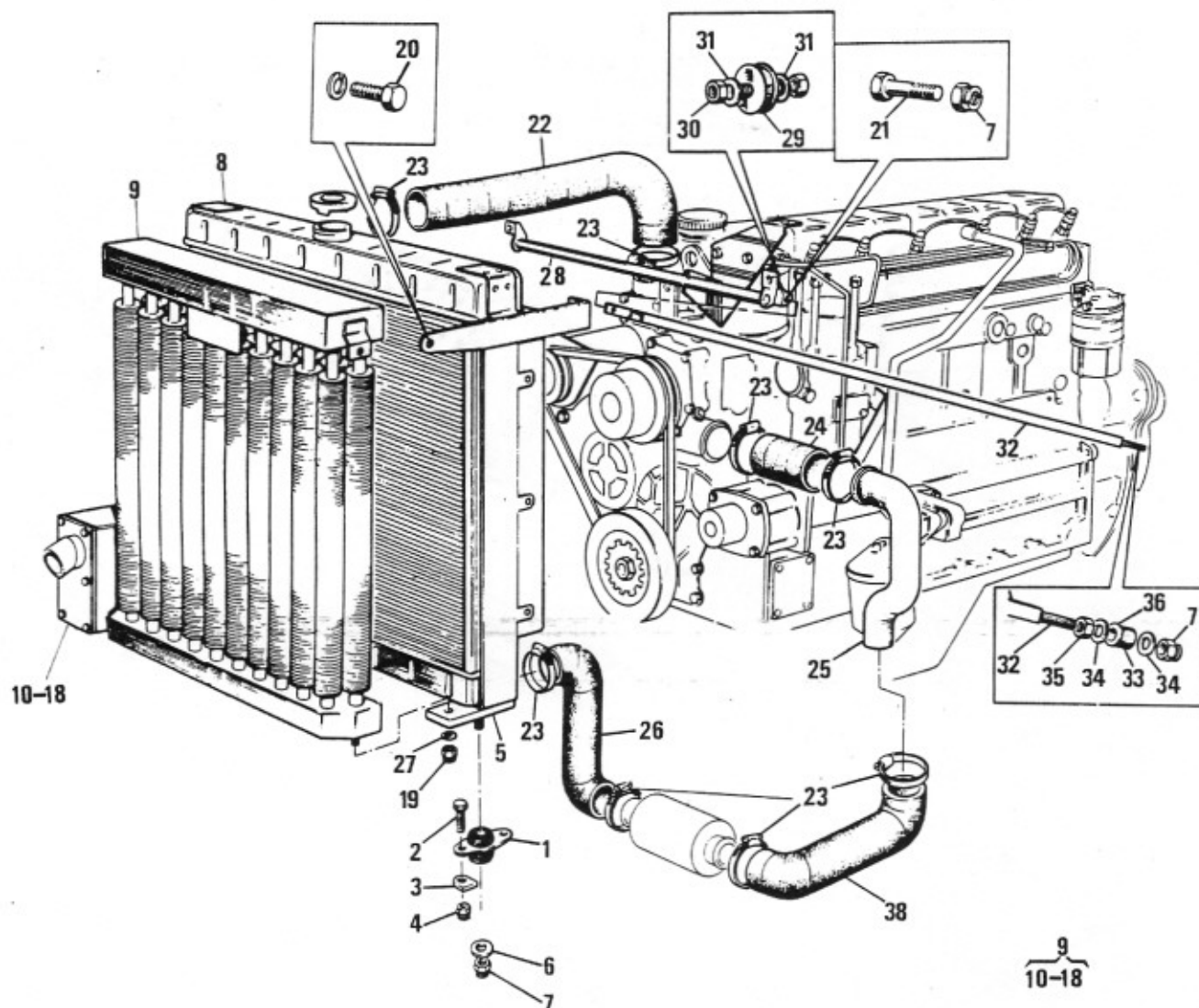
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	588 5585	Washer	6	27	176 2486	Clip	1
2	653 6009	Screw	2				
3	653 6513	Screw	4				
4	173 0081	Hand Throttle	1				
5	271 0379	Adaptor	1				
6	490 0009	Gasket	1				
7	650 2260	Nut	2				
8	412 9228	Fuel Suction Tube	1				
9	412 9208	Bundy Tube	1				
10	271 0278	Adaptor	4				
11	412 9209	Bundy Tube	1				
12	651 0602	Washer	2				
13	407 4201	Linkage Pin	2				
14	651 0102	Washer	2				
15	701 0204	Split Pin	2				
16	349 0082	Control Link	1				
18	412 9569	Tube Assembly	1				
19	311 2010	Nylon Tube	1				
20	541 9049	Tube Assembly	1				
21	650 2245	Nut	2				
22	540 0004	Sediment Bowl	1				
23	662 4511	Screw	2				
24	179 8052	Hand Throttle Cable	1				
25	179 0041	Stop Control Cable	1				
26	271 1469	Straight Connector	1				

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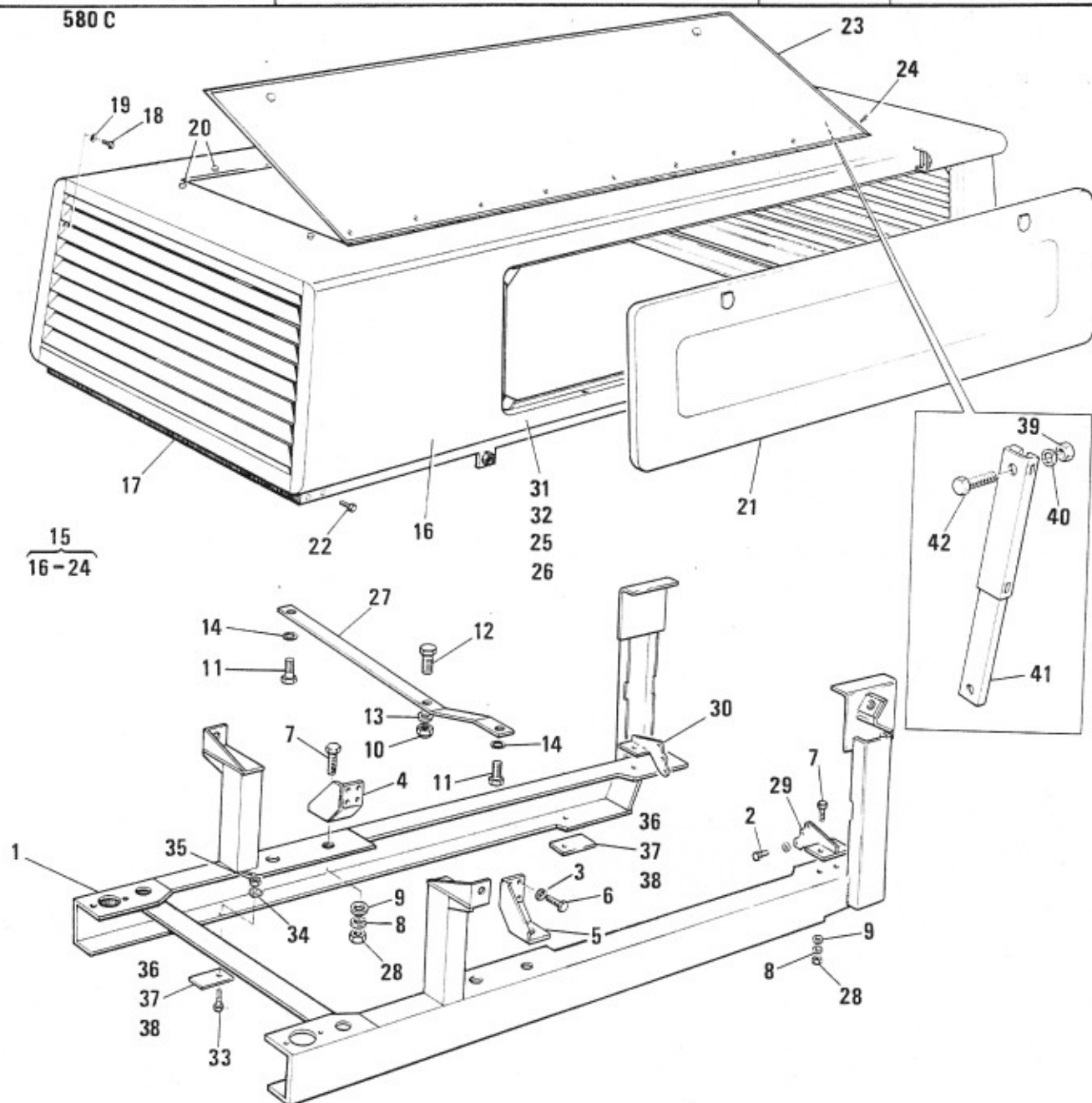
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	588 5585	Washer	6	27	408 0038	Lever	1
2	653 6009	Screw	2	28	650 0865	Locknut	4
3	653 6513	Screw	4	29	114 0239	Ball Joint	2
4	173 0081	Hand Throttle	1	30	497 0137	Link Rod	1
5	271 0379	Adaptor	1	31	176 2417	Clip	1
6	490 0009	Gasket	1	32	653 8011	Screw	1
7	650 2260	Nut	2	33	651 0602	Washer	1
8	412 9228	Fuel Suction Tube	1	34	651 0702	Washer	4
9	412 9208	Bundy Tube	1	35	650 2260	Nut	2
10	271 0278	Adaptor	3	36	351 9177	Throttle Lever	1
11	412 9209	Bundy Tube	1	37	701 0204	Split Pin	2
12	651 0602	Washer	2	38	407 4201	Linkage Pin	1
13	540 0004	Sediment Bowl	1	39	272 0033	Fork End	1
14	650 2245	Nut	2	40	173 0105	Control Link	1
15	662 4511	Screw	2	41	122 9648	Bracket	1
17	412 9573	Tube Assembly	1	42	493 1041	Spring	1
18	271 0007	Banjo	1	43	122 9702	Bracket	1
19	127 1098	Bolt	1	44	271 1469	Straight Connector	1
20	179 8052	Hand Throttle Cable	1	45	625 6719	Bolt	2
21	179 0041	Stop Control Cable	1	46	588 5587	Washer	2
22	311 2009	Nylon Tube	1	47	701 0308	Split Pin	3
23	588 0006	Copper Washer	2	48	493 1055	Tension Pin	1
24	385 0164	Nut	1	49	406 3527	Linkage Pin	1
25	651 0703	Washer	3	50	653 6007	Screw	1
26	495 0507	Spacer	1				

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	137 0003	Rubber Mounting	2	27	651 0705	Washer	4
2	653 6615	Screw	4	28	486 9387	Radiator Support	1
3	651 0404	Washer	4	29	137 0033	Rubber Mounting	2
4	385 0163	Nut	4	30	643 1201	Nut	4
5	486 9473	Rad/Oil Cooler Support	2	31	651 0707	Washer	4
6	588 5510	Washer	2	32	486 9474	Radiator Steady	2
7	385 0162	Nut	6	33	490 0207	Rubber Mounting	2
8	453 8008	Radiator	1	34	588 5630	Washer	4
9	164 8009	HYDRAULIC OIL COOLER ASSEMBLY	1	35	650 2267	Nut	2
10	167 9346	Cover Plate	1	36	131 0044	Bush	2
11	490 0195	Gasket	1	37			
12	652 4712	Screw	6	38	453 0051	Hose	1
13	490 5008	Seal	6				
14	672 0723	Screw	1				
15	651 0709	Washer	1				
16	493 0090	Spring	1				
17	164 9046	Cooler Valve	1				
18	490 0196	Seal	1				
19	385 0161	Nut	4				
20	653 6711	Screw	2				
21	653 6715	Screw	2				
22	307 0246	Hose	1				
23	176 1015	Clip	8				
24	307 0247	Hose	1				
25	541 9170	Pipe	1				
26	453 0050	Hose	1				

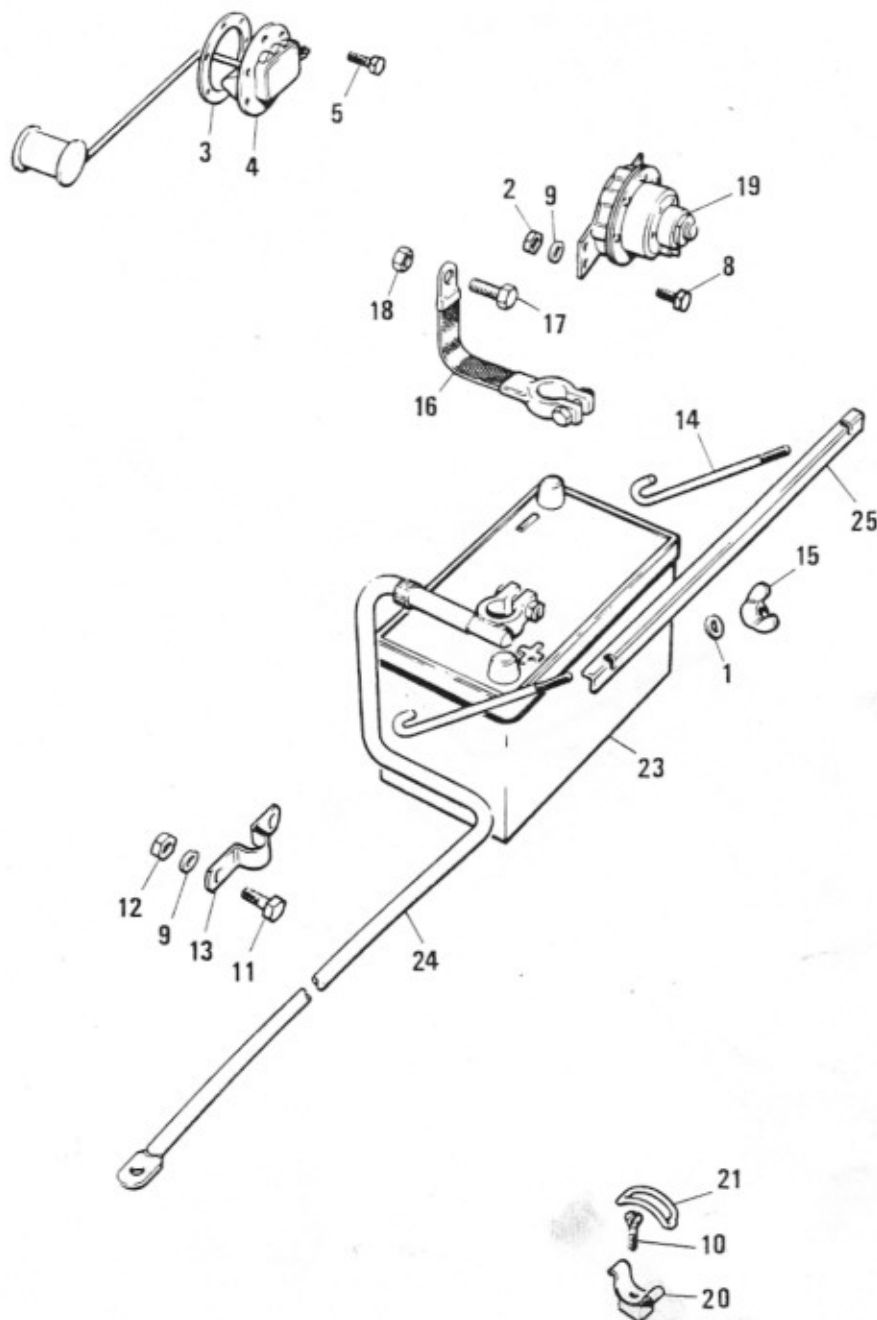
580 C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	273 9250	Skid Frame	1	27	167 0603	Stay	1
2	653 4915	Screw	6	28	385 0073	Nut	6
3	588 5670	Washer	8	29	122 9622	Bracket L.H.	1
4	401 9037	Front Engine Mounting - R.H.	1	30	122 9624	Bracket R.H.	1
5	401 9038	Front Engine Mounting - L.H.	1	31	653 4917	Screw	2
6	654 5119	Screw	8	32	650 2249	Nut	2
7	653 5123	Screw	6	33	625 7227	Bolt	4
8	588 5558	Washer	6	34	651 0510	Washer	4
9	651 0409	Washer	6	35	385 0019	Nut	4
10	385 0162	Nut	1	36	588 5514	Washer	4
11	653 6711	Screw	2	37	588 5515	Washer	4
12	653 6715	Screw	1	38	588 5516	Washer	4
13	651 0705	Washer	1	39	385 0163	Nut	2
14	588 5587	Washer	2	40	651 0704	Washer	2
15	167 8053	CANOPY ASSEMBLY	1	41	167 0479	Stay	1
16	167 9509	Canopy	1	42	653 6615	Screw	2
17	167 9612	End Grill	2				
18	653 6507	Screw	8				
19	651 0603	Washer	16				
20	713 0031	* Rubber Pad	6				
21	167 8051	Side Cover Assembly	2				
22	653 6511	Screw	8				
23	167 8060	Canopy Lid	1				
24	127 1059	Screw	9				
25	588 5589	Washer	8				
26	653 5115	Screw	2				

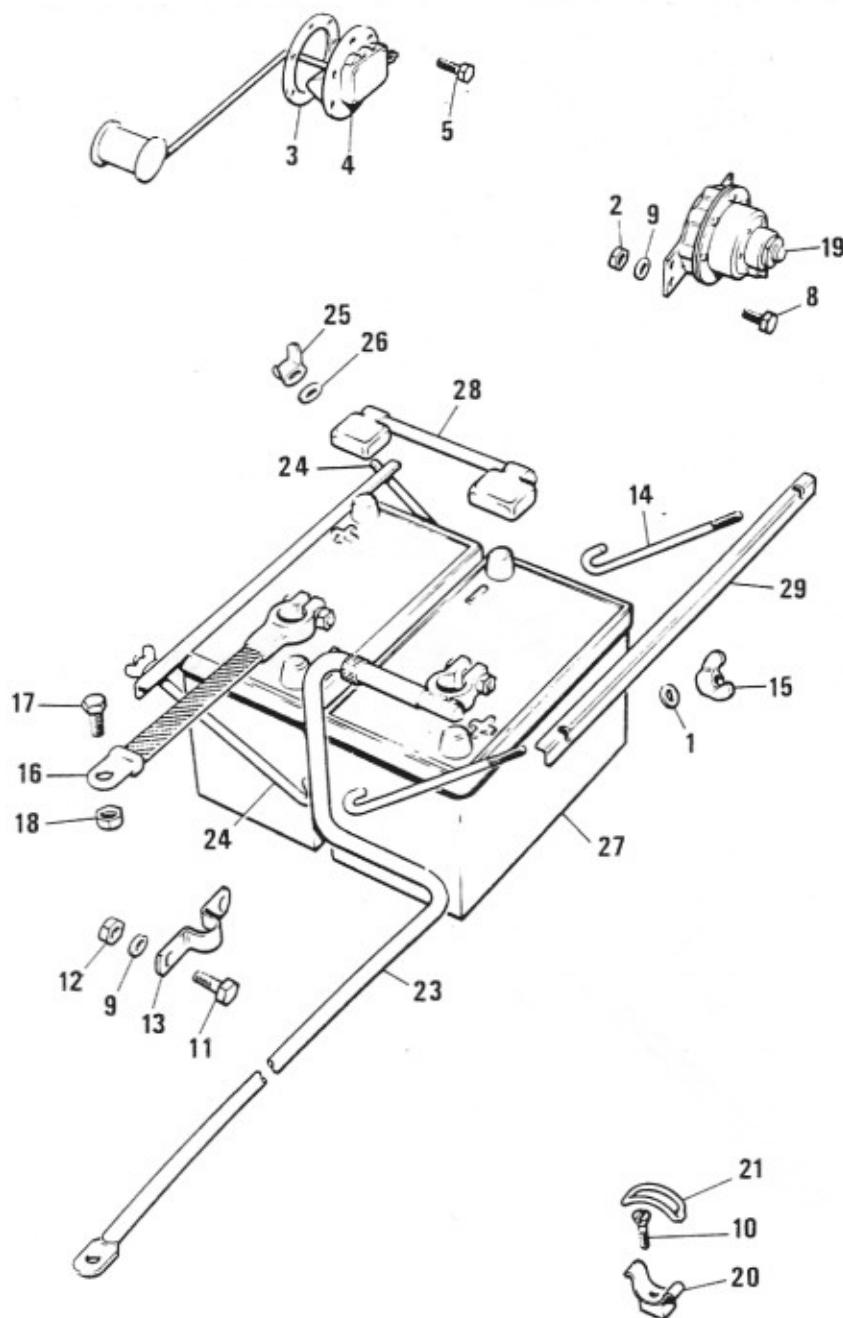
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580 C



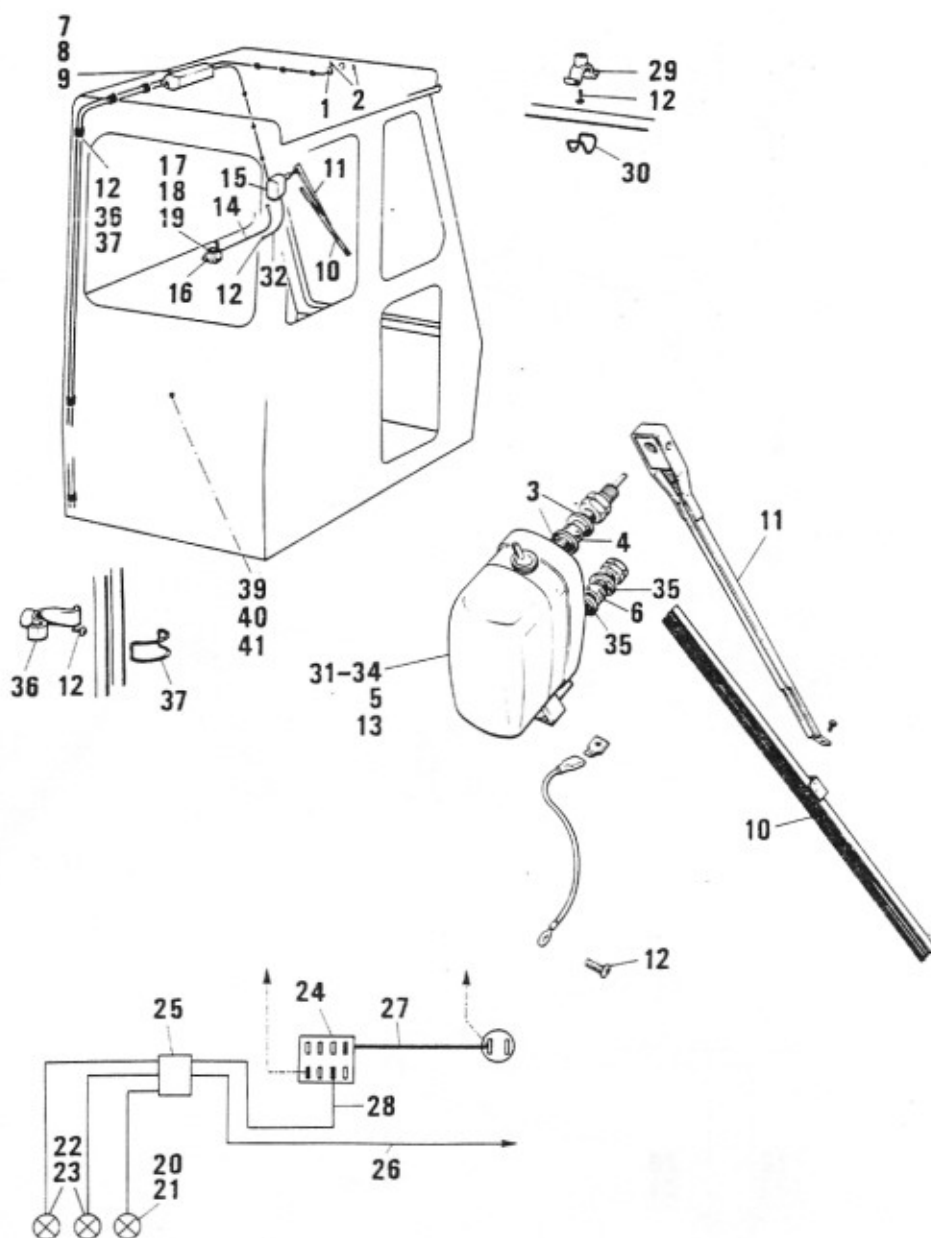
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	588 5587	Washer	3				
2	650 2260	Nut	2				
3	490 0252	Gasket	2				
4	290 0012	Fuel Gauge Sender	1				
5	653 6009	Screw	6				
6							
7							
8	653 6011	Screw	2				
9	651 0602	Washer	4				
10	127 0078	Screw	8				
11	653 6015	Screw	2				
12	385 0359	Nut	2				
13	176 2011	Clamp	1				
14	127 1040	Retaining Bolt	2				
15	385 0197	Wing Nut	2				
16	259 3009	Earth Strap	1				
17	653 6717	Screw	1				
18	650 2267	Nut	1				
19	257 5094	Horn	1				
20	176 2322	C1. Cradle	8				
21	176 2315	R1. Clip	8				
22							
23	257 5072	Battery	1				
24	257 8204	Cable	1				
25	176 3050	Clamp	1				

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	588 5587	Washer	3	27	257 5106	Battery	2
2	650 2260	Nut	2	28	257 8119	Connecting Strap	1
3	490 0252	Gasket	2	29	176 3130	Clamp	2
4	290 0012	Fuel Gauge Sender	1				
5	653 6009	Screw	6				
6							
7							
8	653 6011	Screw	2				
9	651 0602	Washer	4				
10	127 0078	Screw	8				
11	653 6015	Screw	2				
12	385 0359	Nut	2				
13	176 2011	Clamp	1				
14	127 1040	Retaining Bolt	2				
15	385 0197	Wing Nut	2				
16	259 3007	Earth Strap	1				
17	653 6717	Screw	1				
18	650 2267	Nut	1				
19	257 5094	Horn	1				
20	176 2322	C1, Cradle	8				
21	176 2315	R1, Clip	8				
22							
23	257 8203	Cable	1				
24	127 1040	Retaining Bolt	2				
25	385 0197	Wing Nut	2				
26	651 0605	Washer	2				

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ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	257 5057	GROMMET	2	27	257 8149	CABLE	1
2	257 5055	GROMMET	4	28	257 8150	CABLE	1
3	588 0145	FIBRE WASHER	2	29	176 2322	C1. CRADLE	6
4	257 5034	FIBRE BUSH	1	30	176 2315	R1. CLIP	6
5	127 0127	SCREW	1	31	257 8302	CABLE	1
6	257 5035	FIBRE BUSH	1	32	257 8183	EARTH CONNECTOR	1
7	127 0345	SCREW	2	33	257 5152	BULLET CONNECTOR	1
8	650 2265	NUT	2	34	257 8184	CONNECTION	1
9	651 0603	WASHER	2	35	588 0144	FIBRE WASHER	2
10	257 5007	WIPER BLADE	1	36	176 2323	C2. CRADLE	1
11	257 5166	WIPER ARM	1	37	176 2316	R2. CLIP	1
12	127 0078	SCREW	8	38			
13	257 5037	WIPER MOTOR	1	39	251 1106	REGULATOR	1
14	259 8026	CABLE	1	40	653 6011	SCREW	2
15	167 0863	WIPER COVER	1	41	651 0602	WASHER	2
16	257 5040	HORN PUSH-BUTTON	1				
17	662 8311	SCREW	2				
18	650 0183	NUT	2				
19	651 0602	WASHER	2				
20	257 6113	BULB HOLDER	1				
21	257 6112	BULB	1				
22	257 6114	BULB HOLDER	2				
23	257 6110	BULB	2				
24	257 2004	LIGHT SWITCH	1				
25	259 4027	BULLET CONNECTOR	1				
26	257 8145	CABLE	1				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HY-MAC

Title

ENGINE ELECTRICS

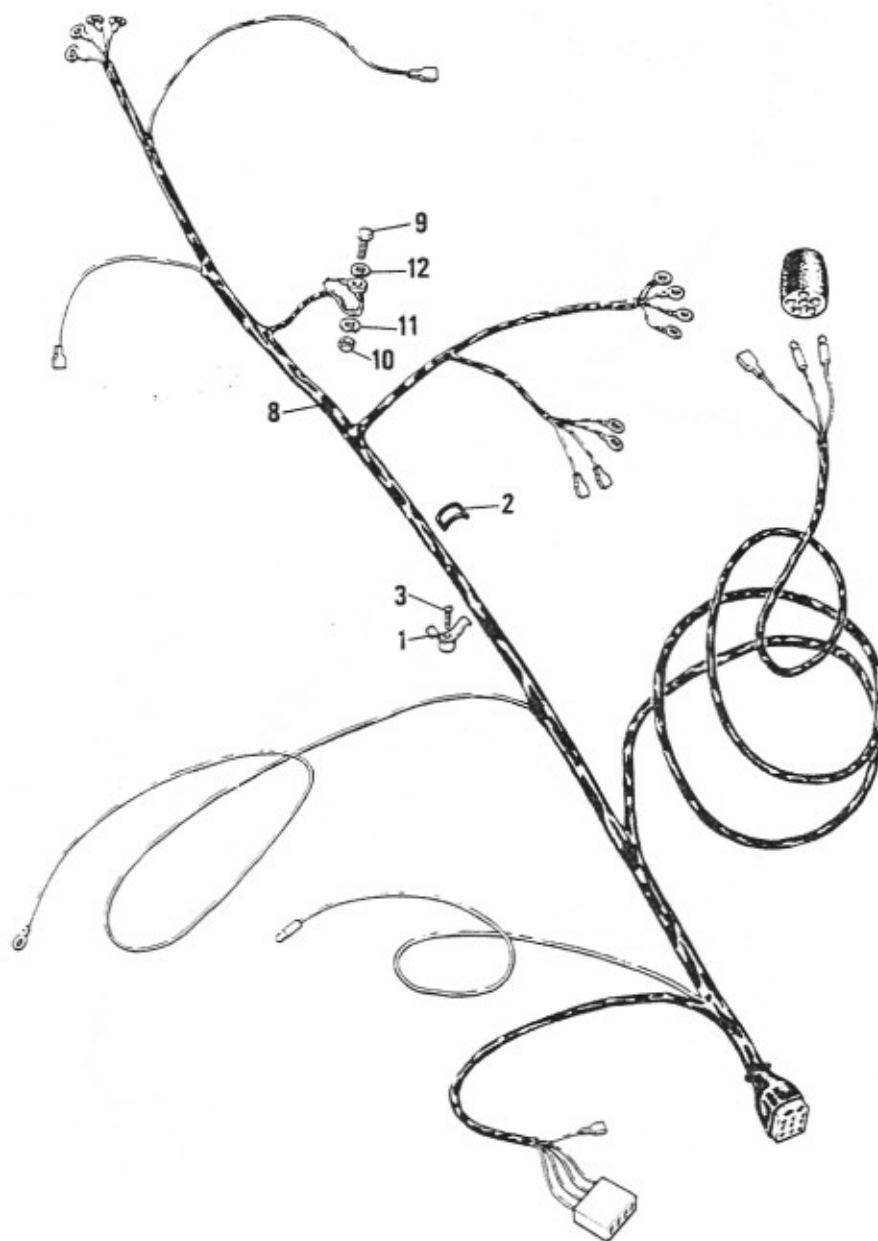
Issue 1

Sheet 1 of 1

754 0166

D

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	176 2323	C2. Cradle	3				
2	176 2316	R2. Clip	3				
3	127 0078	Screw	3				
4							
5							
6							
7							
8	257 8285	Harness	1				
9	653 6611	Screw	1				
10	650 2266	Nut	1				
11	651 0604	Washer	1				
12	651 0704	Washer	1				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HY-MAC

Title ENGINE ELECTRICS - Perkins

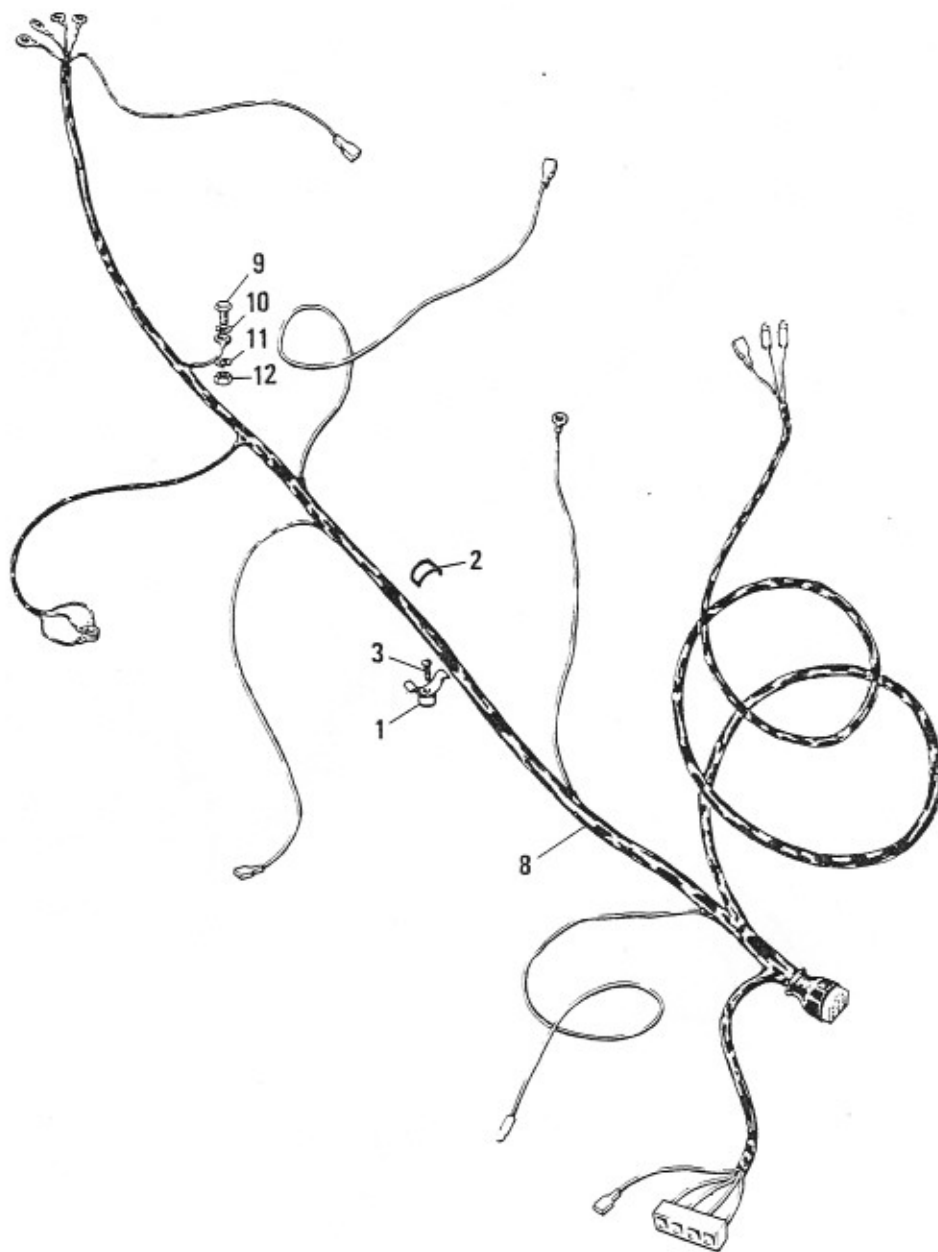
Issue 1

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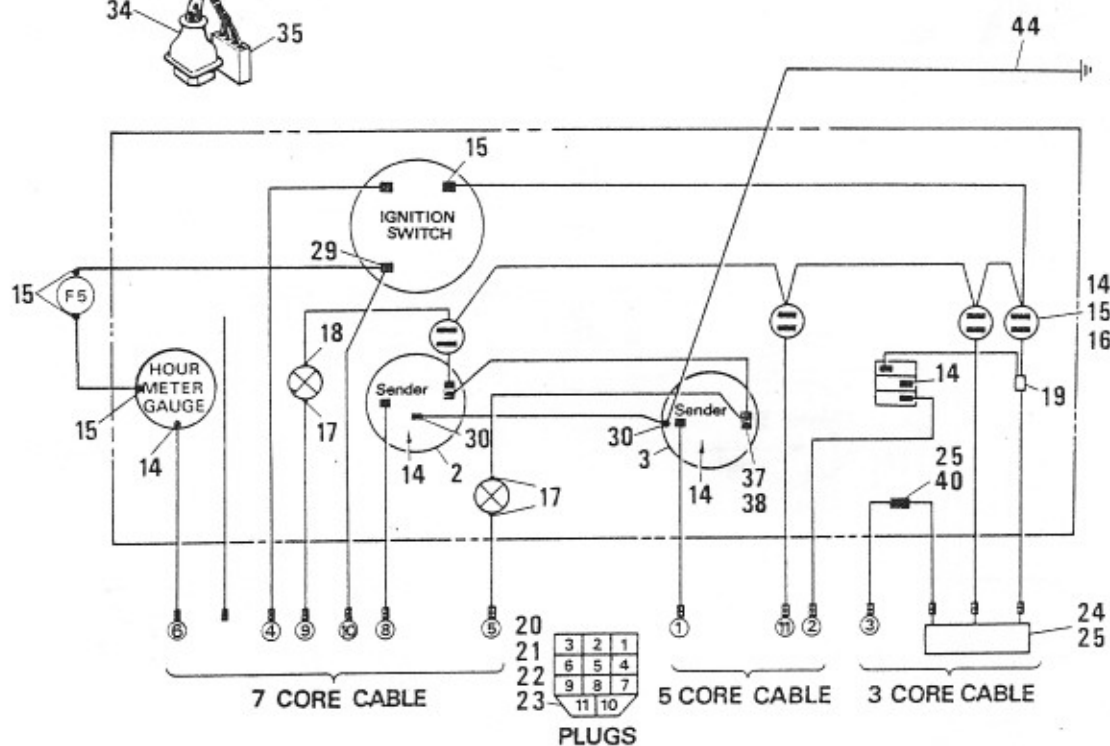
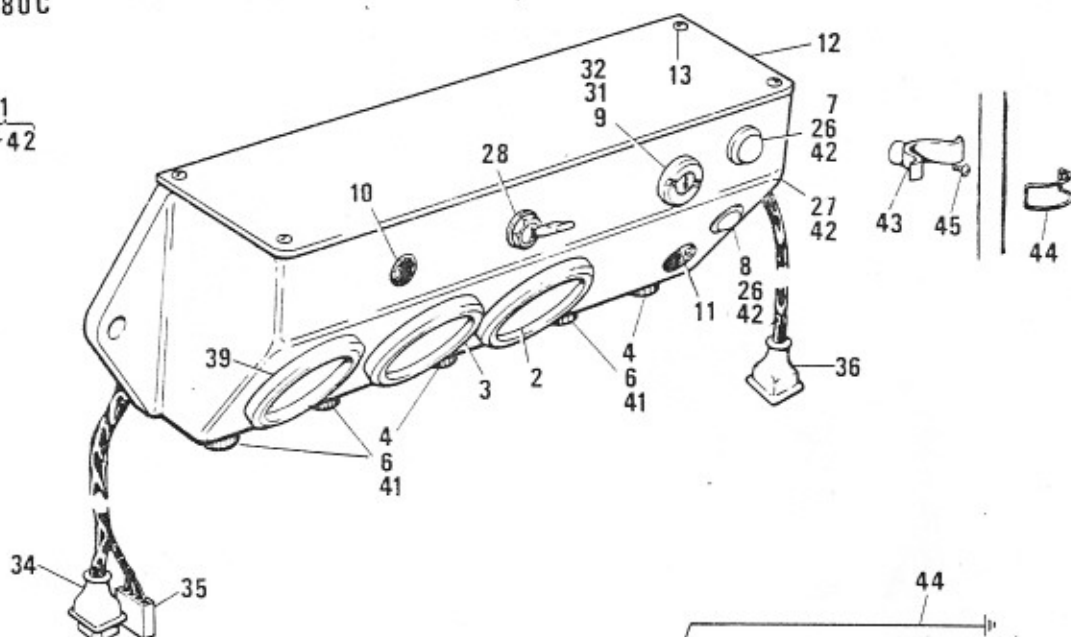
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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	176 2323	C2. Cradle	3				
2	176 2316	R2. Clip	3				
3	127 0078	Screw	3				
4							
5							
6							
7							
8	257 8286	Harness	1				
9	653 6611	Screw	1				
10	651 0104	Washer	1				
11	651 0604	Washer	1				
12	650 2266	Nut	1				

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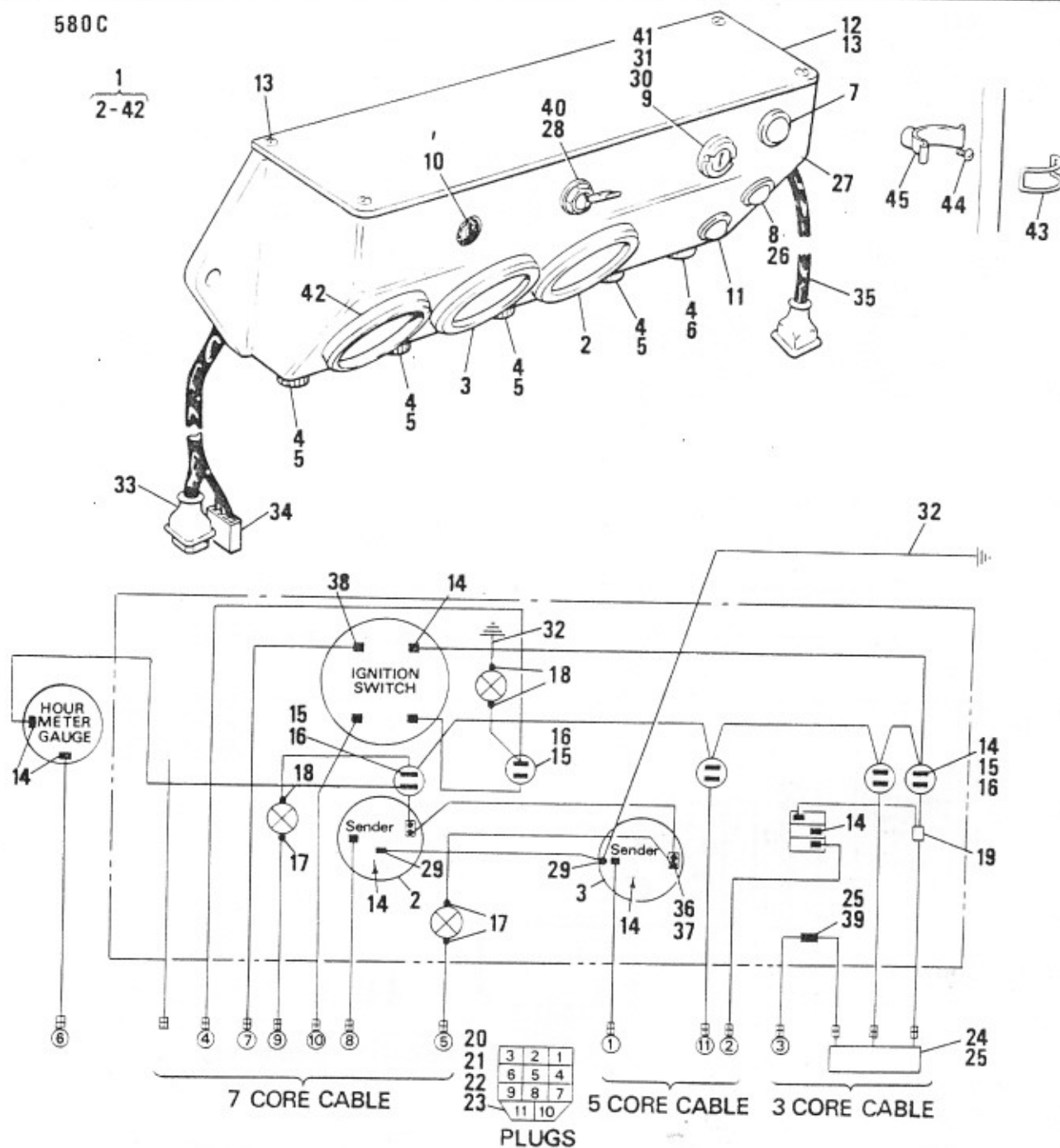
580C

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2-42

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	257 8288	CONTROL PANEL ASSEMBLY	1	27	257 0033	Control Panel	1
2	326 3001	Fuel Gauge	1	28	257 2004	Light Switch	1
3	326 1009	Temperature Gauge	1	29	257 5144	Connector	1
4	251 1217	Fuse Holder	5	30	257 5132	Eyelet	3
5				31	257 5068	Ignition Switch Lock	1
6	251 1203	Fuse	5	32	251 0802	Nut	1
7	257 1046	Ignition Warning Light	1	33	257 5136	Eyelet	1
8	257 1047	Oil Warning Light	1	34	259 0028	7 Core Cable	1
9	257 2054	Ignition Switch	1	35	259 0030	5 Core Cable	1
10	257 5121	Solid Grommet	1	36	259 0027	3 Core Cable	1
11	713 0024	Solid Grommet	1	37	259 4029	Tab Connector	1
12	167 0448	Cover Plate	1	38	259 4022	Tab Connector	1
13	127 0078	Screw	2	39	326 5020	Hourmeter Gauge	1
14	257 5141	Push-on Connector	14	40	257 5152	Bullet Connector	1
15	257 5142	Push-on Connector	9	41	588 5667	Washer	6
16	259 4020	Piggy-back Connector	4	42	588 5668	Washer	3
17	259 4001	Push-on Connector	3	43	176 2322	C1 Cradle	5
18	259 4002	Push-on Connector	1	44	176 2315	R1 Clip	5
19	257 5224	Self Stripping Connector	1	45	127 0078	Screw	5
20	259 4018	Plug	1				
21	257 5187	Plug	8				
22	257 5188	Plug	2				
23	713 0704	Plug Cover	1				
24	259 4028	Bullet Connector (3 way)	1				
25	257 5153	Bullet Connector	5				
26	257 6108	Bulb	2				

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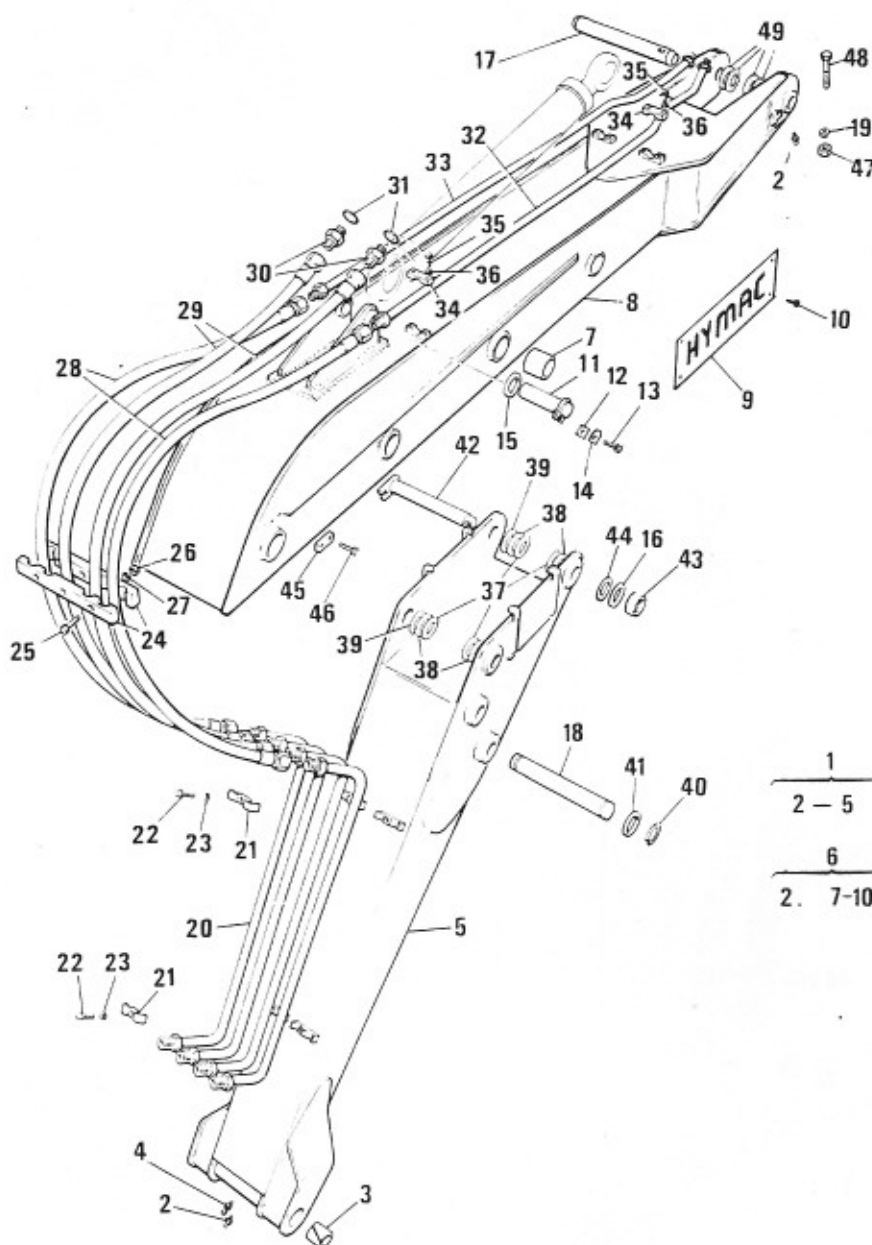
580C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	257 8287	CONTROL PANEL ASSEMBLY	1	27	257 0033	Control Panel	1
2	326 3001	Fuel Gauge	1	28	257 2004	Light Switch	1
3	326 1009	Temperature Gauge	1	29	257 5132	Eyelet	3
4	251 1217	Fuse Holder	5	30	257 5068	Ignition Switch Lock	1
5	257 2024	Fuse	1	31	251 0802	Nut	1
6	251 1203	Fuse	4	32	257 5136	Eyelet	2
7	257 1046	Ignition Warning Light	1	33	259 0028	7 Core Cable	1
8	257 1047	Oil	1	34	259 0030	5 Core Cable	1
9	257 2054	Ignition Switch	1	35	259 0027	3 Core Cable	1
10	257 5121	Solid Grommet	1	36	259 4029	Tab Connector	1
11	253 0002	Warning Light	1	37	259 4022	Tab Connector	1
12	167 0448	Cover Plate	1	38	257 5144	Push-on Connector	3
13	127 0078	Screw	4	39	257 5152	Bullet Connector	1
14	257 5141	Push-on Connector	16	40	588 5667	Washer	6
15	257 5142	Push-on Connector	9	41	588 5668	Washer	4
16	259 4020	Piggy-back Connector	6	42	326 5020	Hourmeter Gauge	1
17	259 4001	Push-on Connector	3	43	176 2315	R1 Clip	5
18	259 4002	Push-on Connector	3	44	127 0078	Screw	5
19	257 5224	Self-Stripping Connector	1	45	176 2322	C1 Cradle	5
20	259 4018	Plug	1				
21	257 5187	Plug	8				
22	257 5188	Plug	3				
23	713 0704	Plug Cover	1				
24	259 4028	Bullet Connector (3 way)	1				
25	257 5153	Bullet Connector	5				
26	257 8108	Bulb	3				

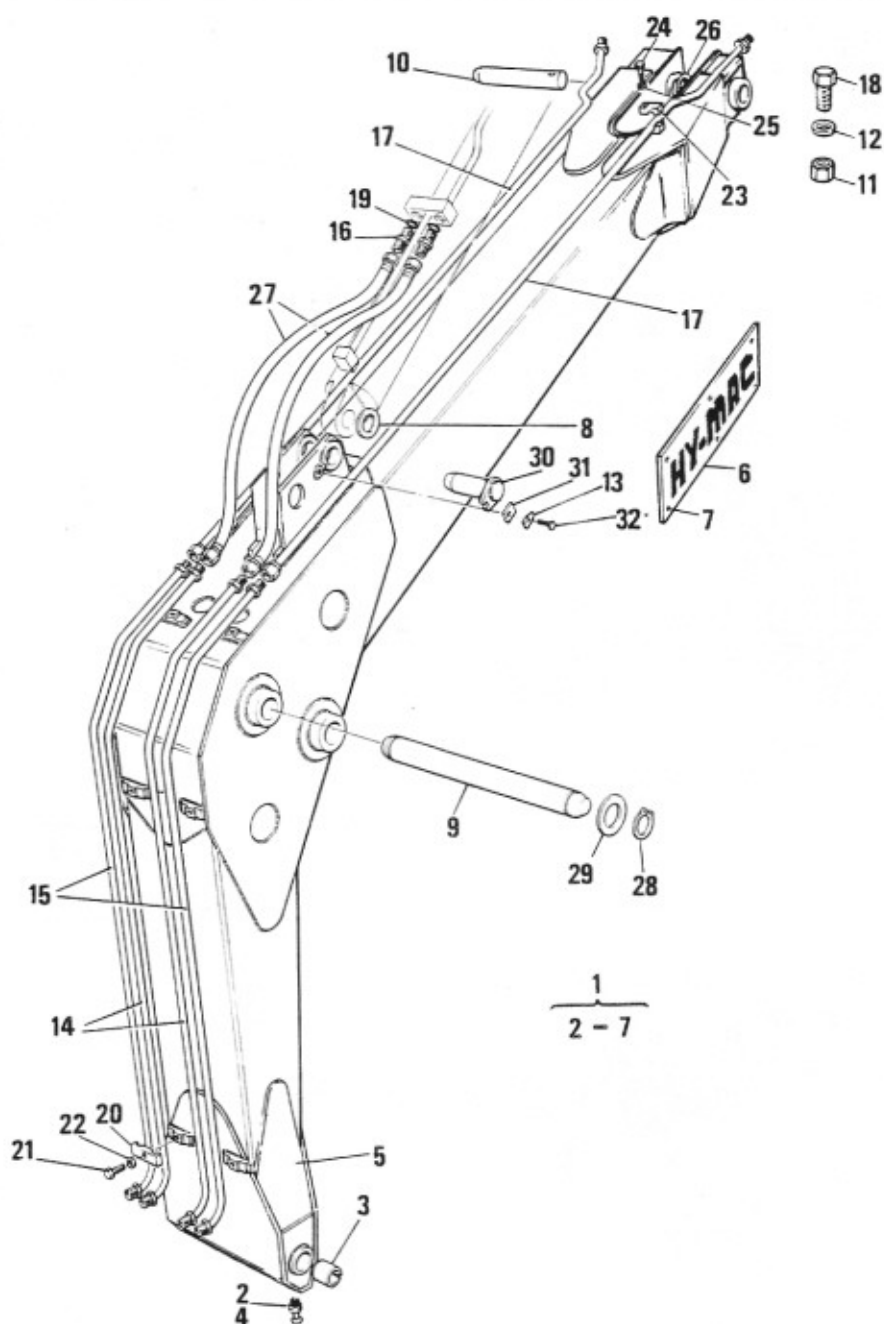
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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	119 8095	LOWER BOOM ASSEMBLY	1	26	650 2247	Nut	3
2	271 0150	Grease Nipple	1	27	651 0705	Washer	3
3	133 1012	Bush	2	28	308 8266	Hose Assembly	2
4	271 1269	G. Nipple Extension	1	29	308 8279	Hose Assembly	2
5	N.S.S.	Lower Boom	1	30	271 0618	Adaptor	2
6	119 8127	UPPER BOOM ASSEMBLY	1	31	490 6205	'O' Ring	2
2	271 0150	Grease Nipple	1	32	413 9471	Tube Assembly	1
7	131 0035	Bush	8	33	413 9472	Tube Assembly	1
8	N.S.S.	Upper Boom	1	34	176 0033	Pipe Clip	4
9	350 0214	Nameplate	2	35	654 4719	Screw	8
10	127 0127	Screw	12	36	651 0605	Washer	8
11	406 9411	Pin	1	37	494 0143	Shim 1.59mm (.063")	8
12	445 0093	Pin Retainer	1	38	494 0144	Shim 3.18mm (.125")	4
13	653 5217	Screw	1	39	494 0145	Shim 4.77mm (.188")	4
14	588 2525	Tab Washer	1	40	184 0121	Circlip	2
15	495 0447	Spacer	1	41	495 0381	Spacer	2
16	651 0716	Washer	2	42	406 9309	Pin	2
17	406 3639	Pin	1	43	650 1957	Nut	2
18	406 0382	Pin	1	44	495 0014	Spacer	2
19	651 0710	Spacer	1	45	118 5026	End Block	2
20	400 9201	Tube Assembly	4	46	654 4915	Screw	4
21	176 1002	Pipe Strap	4	47	385 0078	Nut	1
22	653 5119	Screw	4	48	625 5241	Bolt	1
23	588 5558	Washer	4	49	494 0166	Shim	4
24	176 0086	Retaining Clip	2				
25	625 4731	Bolt	3				

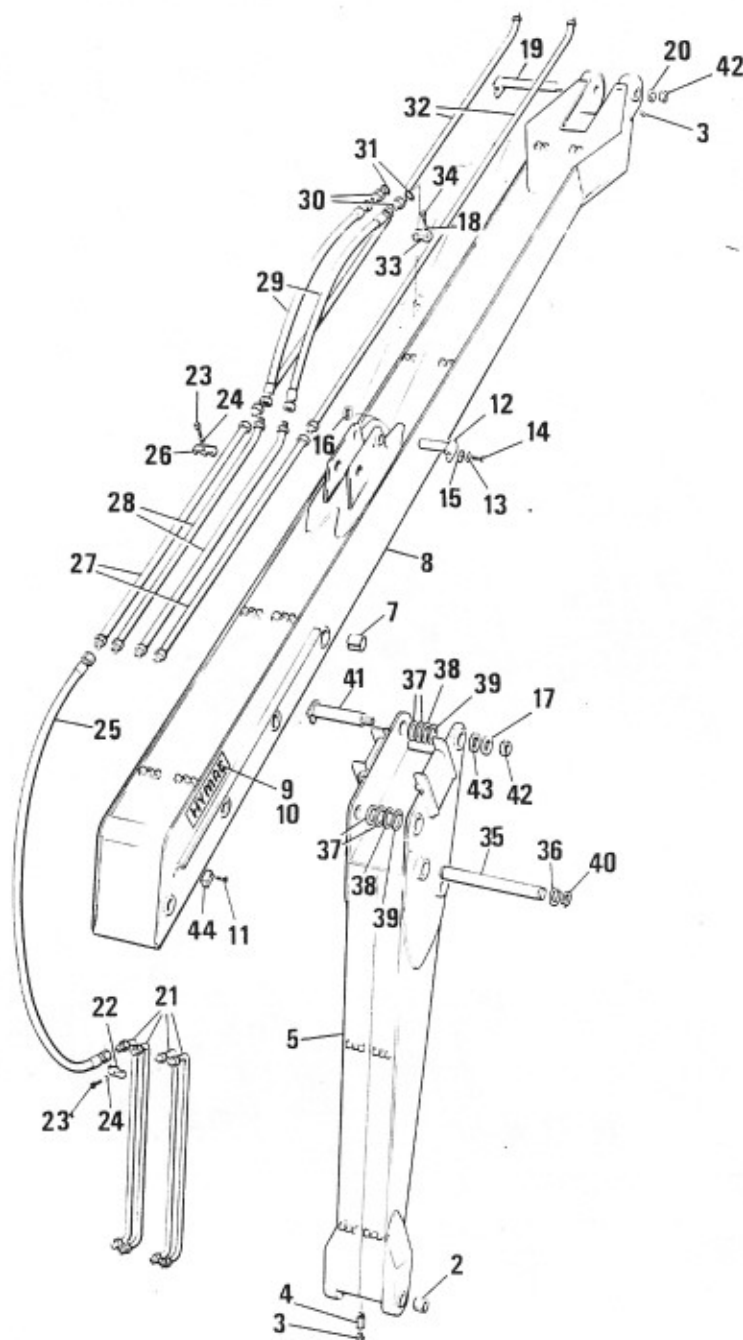
580 C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	119 8101	BOOM ASSEMBLY	1	27	308 8260	Hose Assembly	2
2	271 0150	Grease Nipple	1	28	184 0121	Circlip	2
3	133 1012	Bush	2	29	495 0381	Spacer	2
4	271 1269	Grease Nipple Extension	1	30	406 9411	Pin	1
5	N.S.S.	Boom	1	31	445 0093	Pin Retainer	1
6	350 0214	Nameplate	2	32	653 5217	Screw	1
7	127 0127	Screw	12				
8	495 0447	Spacer	1				
9	406 0382	Pin	1				
10	406 3565	Pin	1				
11	385 0078	Nut	1				
12	651 0710	Washer	1				
13	588 2525	Tab Washer	1				
14	413 8137	Tube Assembly	2				
15	413 8138	Tube Assembly	2				
16	271 0618	Adaptor	2				
17	413 8136	Tube Assembly	2				
18	625 5241	Bolt	1				
19	490 6205	'O' Ring	2				
20	176 1002	Pipe Clamp	6				
21	654 5121	Screw	6				
22	651 0609	Washer	6				
23	176 3142	Pipe Clamp	2				
24	654 4919	Screw	2				
25	651 0607	Washer	2				
26	494 0166	Shim 1.59mm (.0625")	4				

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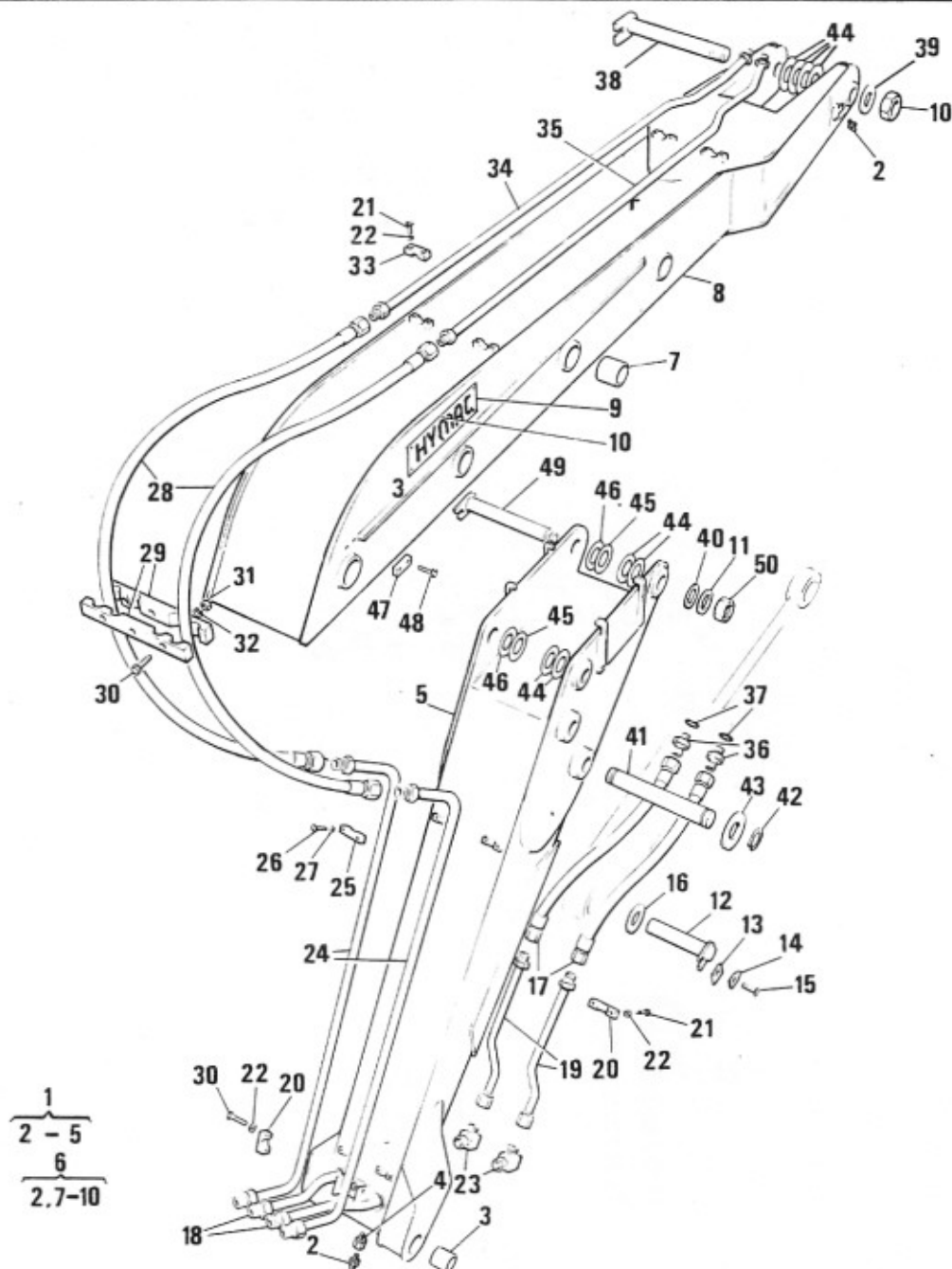


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$$\frac{6}{3,7,10}$$

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	119 8092	LOWER BOOM ASSEMBLY	1	26	176 0132	Pipe Strap	4
2	133 1012	Bush	2	27	413 9017	Tube Assembly	2
3	271 0150	Grease Nipple	1	28	413 9374	Tube Assembly	2
4	271 1269	Grease Nipple Extension	1	29	308 8260	Hose Assembly	2
5	N.S.S.	Lower Boom	1	30	271 0618	Adaptor	2
6	119 8091	UPPER BOOM ASSEMBLY	1	31	490 6205	'O' Ring	2
7	271 0150	Grease Nipple	1	32	413 9016	Tube Assembly	2
8	131 0035	Bush	8	33	176 0033	Pipe Strap	4
9	N.S.S.	Upper Boom	1	34	653 4717	Screw	8
10	350 0214	Nameplate	2	35	406 0382	Pin	1
11	127 0127	Screw	12	36	495 0381	Spacer	2
12	654 4915	Screw	4	37	494 0143	Shim	8
13	406 9411	Pin	1	38	494 0144	Shim	2
14	588 2525	Tab Washer	1	39	494 0145	Shim	2
15	653 5217	Screw	1	40	184 0121	Circlip	2
16	445 0093	Pin Retainer	1	41	406 9309	Pin	2
17	495 0447	Spacer	1	42	650 1957	Nut	3
18	651 0716	Washer	2	43	495 0014	Spacer	2
19	588 5587	Washer	8	44	118 5026	End Block	2
20	406 9419	Pin	1				
21	495 0015	Washer	1				
22	400 9201	Tube Assembly	4				
23	176 1002	Pipe Strap	4				
24	653 5119	Screw	8				
25	588 5558	Washer	8				
	308 8266	Hose Assembly	4				

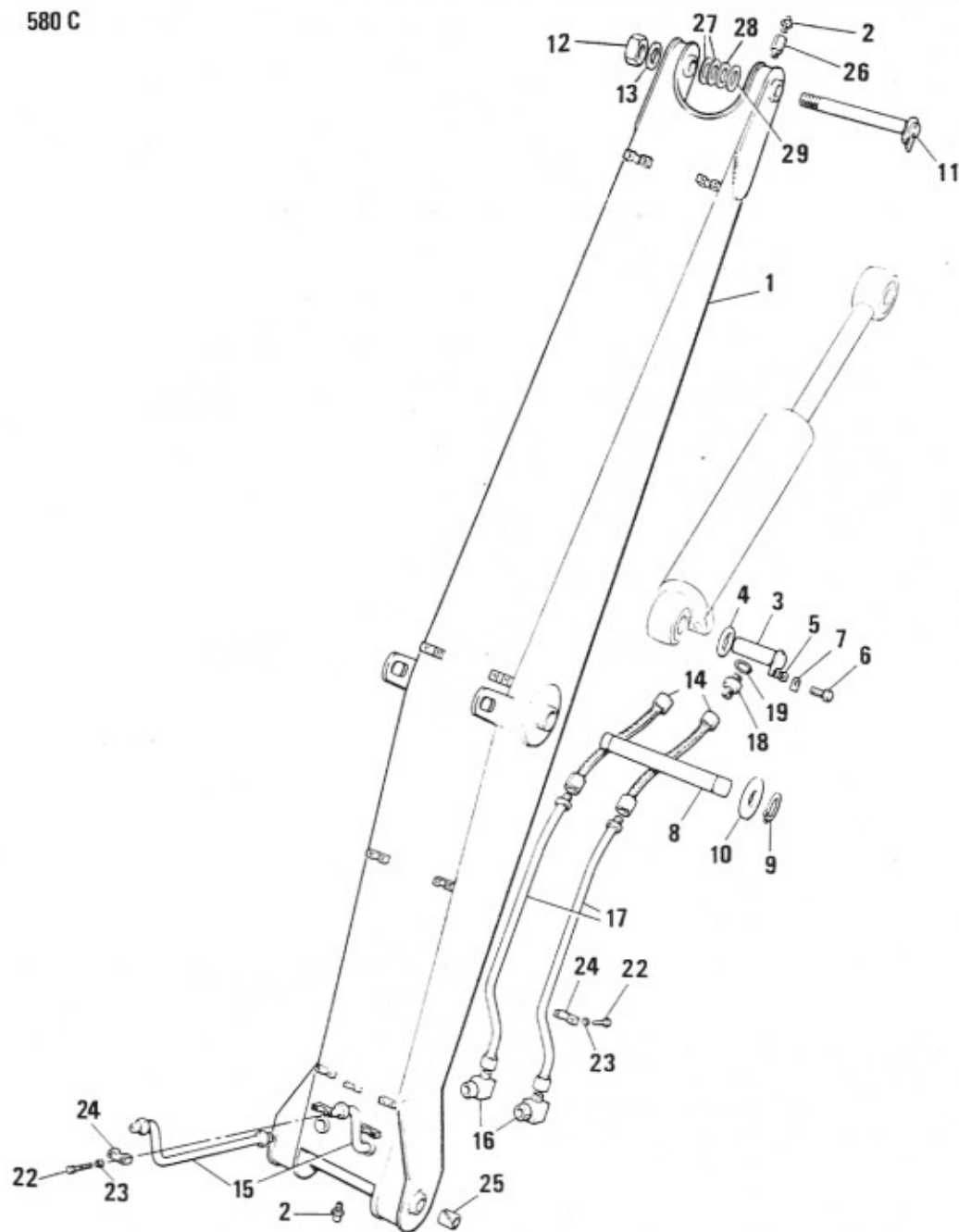
580 C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	119 8096	LOWER BOOM ASSEMBLY	1	26	654 5119	Screw	4
2	271 0150	Grease Nipple	1	27	588 5558	Washer	4
3	133 1012	Bush	2	28	308 8266	Hose Assembly	2
4	271 1269	Grease Nipple Extension	1	29	176 0086	Retaining Clip	2
5	N.S.S.	Lower Boom	1	30	625 4731	Bolt	7
6	119 8097	UPPER BOOM ASSEMBLY	1	31	650 2247	Nut	7
7	271 0150	Grease Nipple	1	32	651 0705	Washer	3
8	131 0035	Bush	8	33	176 0033	Pipe Clip	4
9	350 0407	Nameplate	2	34	413 9472	Tube Assembly	1
10	127 0127	Screw	12	35	413 9471	Tube Assembly	1
11	495 0014	Washer	2	36	271 0618	Adaptor	2
12	406 9411	Pin	1	37	490 6205	'O' Ring	2
13	445 0093	Pin Retainer	1	38	406 9419	Pin	1
14	588 2525	Tab Washer	1	39	495 0015	Washer	1
15	653 5217	Screw	1	40	651 0716	Washer	2
16	495 0447	Spacer	1	41	406 0382	Pin	1
17	308 8260	Hose Assembly	2	42	184 0121	Circlip	2
18	413 9818	Tube Assembly	2	43	495 0381	Spacer	2
19	413 9817	Tube Assembly	2	44	494 0143	Shim	8
20	176 0073	Pipe Clip	6	45	494 0144	Shim	2
21	654 4719	Screw	12	46	494 0145	Shim	2
22	588 5587	Washer	16	47	118 5026	End Block	2
23	271 3050	Adaptor	2	48	654 4915	Screw	4
24	400 9201	Tube Assembly	2	49	406 9309	Pin	2
25	176 1002	Pipe Clip	4	50	650 1957	Nut	3

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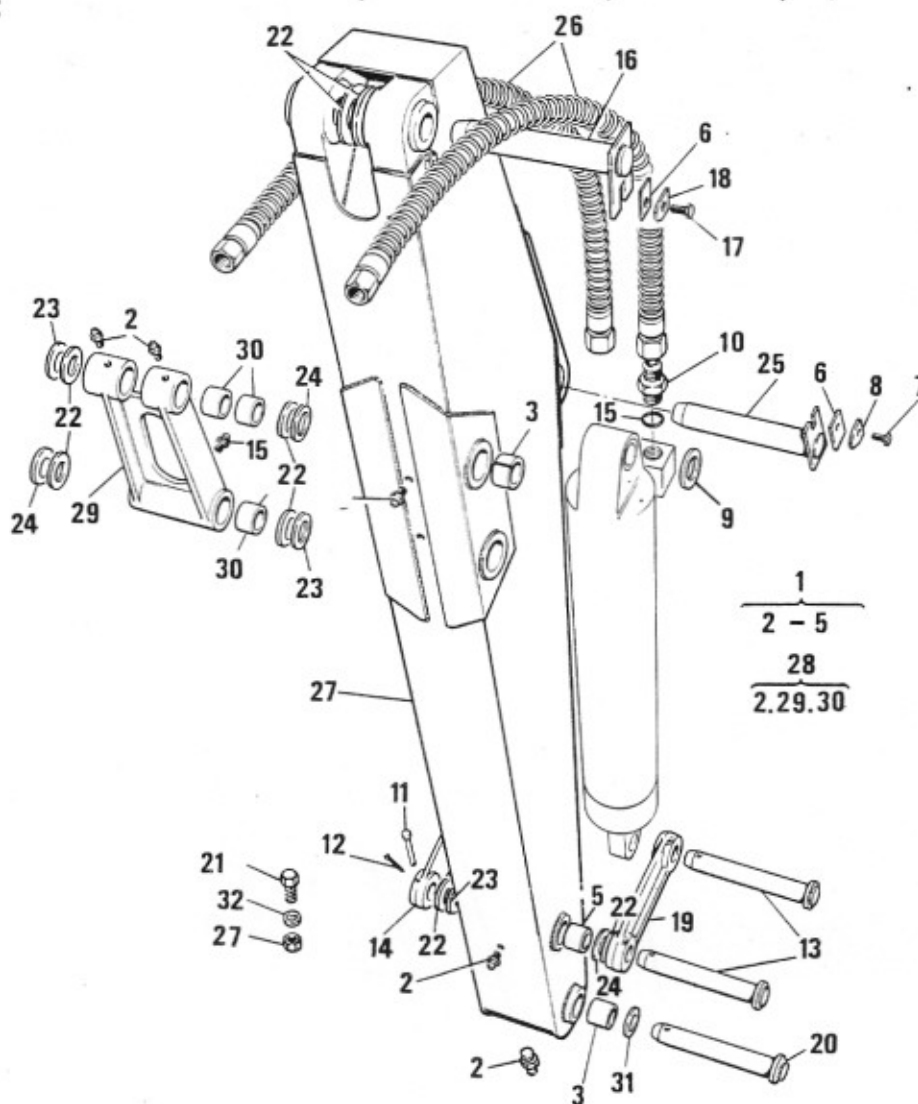
580 C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	119 9252	Boom Weldment	1	27	494 0143	Shim	2
2	271 0150	Grease Nipple	2	28	494 0144	Shim	1
3	406 9411	Pin	1	29	494 0145	Shim	1
4	495 0447	Spacer	1				
5	445 0093	Pin Retainer	1				
6	653 5216	Screw	1				
7	588 2525	Tab Washer	1				
8	406 0382	Pin	1				
9	184 0121	Circlip	2				
10	495 0381	Spacer	2				
11	406 9306	Pin	1				
12	650 1957	Nut	1				
13	495 0015	Washer	1				
14	308 8260	Hose Assembly	2				
15	413 9686	Tube Assembly	2				
16	271 3050	Adaptor	2				
17	413 9688	Tube Assembly	2				
18	271 0618	Adaptor	2				
19	490 6205	'O' Ring	2				
20							
21							
22	625 4719	Bolt	12				
23	651 0605	Washer	12				
24	176 0073	Pipe Strap	6				
25	133 1012	Tension Bush	2				
26	271 1269	Grease Nipple Extension	1				

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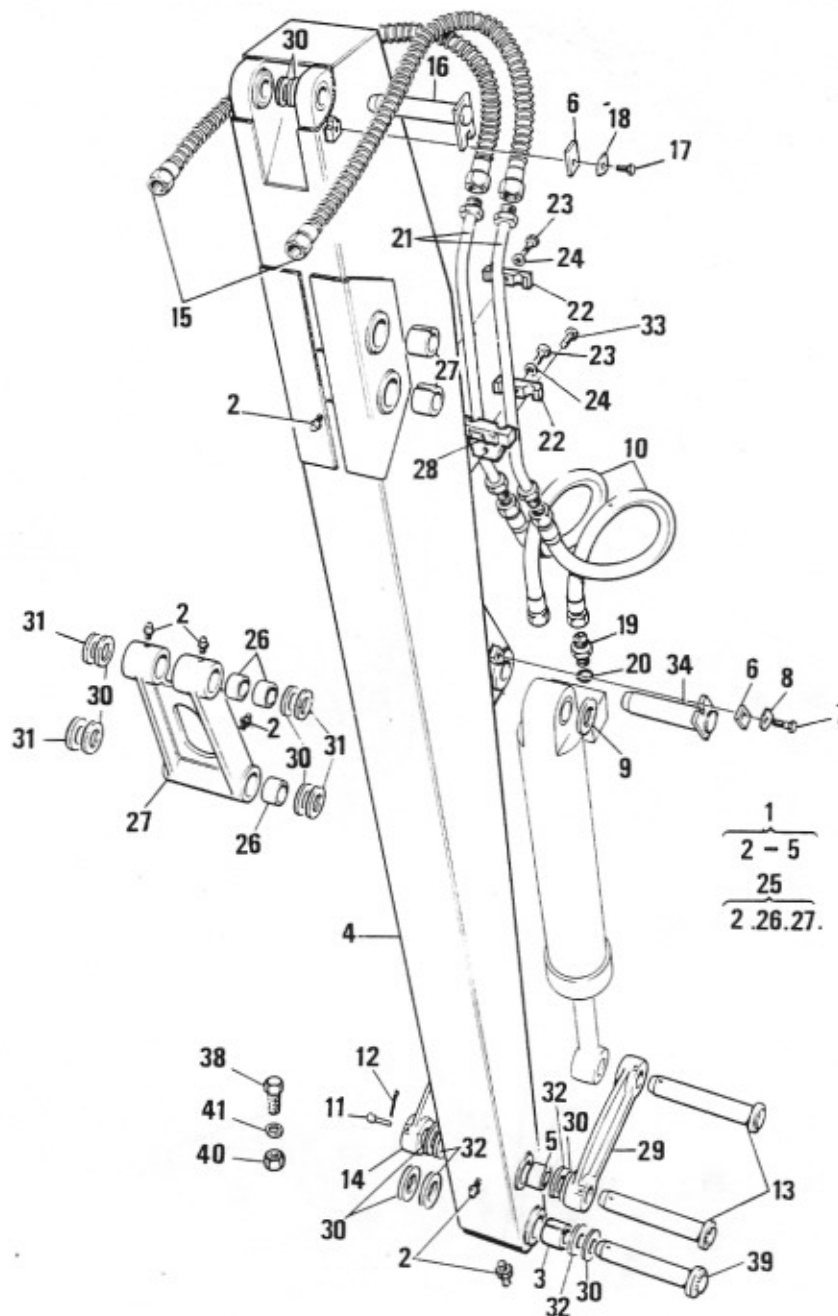
580 C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8089	DIPPER ARM ASSEMBLY	1	27	385 0078	Nut	1
2	271 0150	Grease Nipple	3	28	349 8029	PUSH LINK ASSEMBLY	1
3	131 5024	Bush	6	29	N.S.S.	Pin	1
4	N.S.S.	Dipper Arm	1	30	126 3003	Bush	6
5	133 0066	Bush	2	2	271 0150	Grease Nipple	4
6	445 0093	Pin Retainer	2	31	494 0166	Shim (.625") 1.59mm	1
7	653 5217	Screw	1	32	651 0710	Washer	1
8	558 2525	Tab Washer	1				
9	495 0447	Spacer	1				
10	271 0618	Adaptor	2				
11	406 3547	Pin	3				
12	701 0706	Split Pin	3				
13	406 9414	Pin	3				
14	349 0011	Tie Link	1				
15	490 6205	'O' Ring	2				
16	406 9413	Pin	1				
17	653 5117	Screw	1				
18	588 2526	Tab Washer	1				
19	349 1113	Tie Link	1				
20	406 9417	Pin	1				
21	625 5241	Bolt	1				
22	494 0143	Shim (.625") 1.59mm	8				
23	494 0144	Shim (.125") 3.18mm	3				
24	494 0145	Shim (.1875") 4.76mm	3				
25	406 9411	Pin	1				
26	308 8313	Hose Assembly	2				

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8088	DIPPER ARM ASSEMBLY	1	26	126 3003	Bush	6
2	271 0150	Grease Nipple	3	27	N.S.S.	Link	1
3	131 5024	Bush	6	28	176 9086	Clamp	1
4	N.S.S.	Dipper Arm	1	29	349 1113	Tie Link	1
5	133 0066	Bush	2	30	494 0143	Shim - 1.59mm (.0625")	8
6	445 0093	Pin Retainer	2	31	494 0144	Shim - 3.18mm (.125")	3
7	653 5217	Screw	1	32	494 0145	Shim - 4.76mm (.1875")	3
8	588 2525	Tab Washer	1	33	653 4917	Screw	1
9	495 0447	Spacer	1	34	406 9411	Pin	2
10	308 8259	Hose Assembly	2	35			
11	406 3547	Pin	3	36			
12	701 0706	Split Pin	3	37	494 0166	Shim - 1.59mm (.0625")	1
13	406 9414	Pin	3	38	625 5241	Bolt	1
14	349 0011	Tie Link	1	39	406 9417	Pin	1
15	308 8313	Hose Assembly	2	40	385 0078	Nut	1
16	406 9413	Pin	1	41	651 0710	Washer	1
17	653 5117	Screw	1				
18	588 2526	Tab Washer	1				
19	271 0618	Adaptor	2				
20	490 6205	'O' Ring	2				
21	413 9793	Tube Assembly	2				
22	176 3138	Pipe Clamp	3				
23	625 4931	Bolt	2				
24	588 5589	Washer	2				
25	349 8029	PUSH LINK ASSEMBLY	1				
2	271 0150	Grease Nipple	4				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HYMAC

Title :

3750 mm

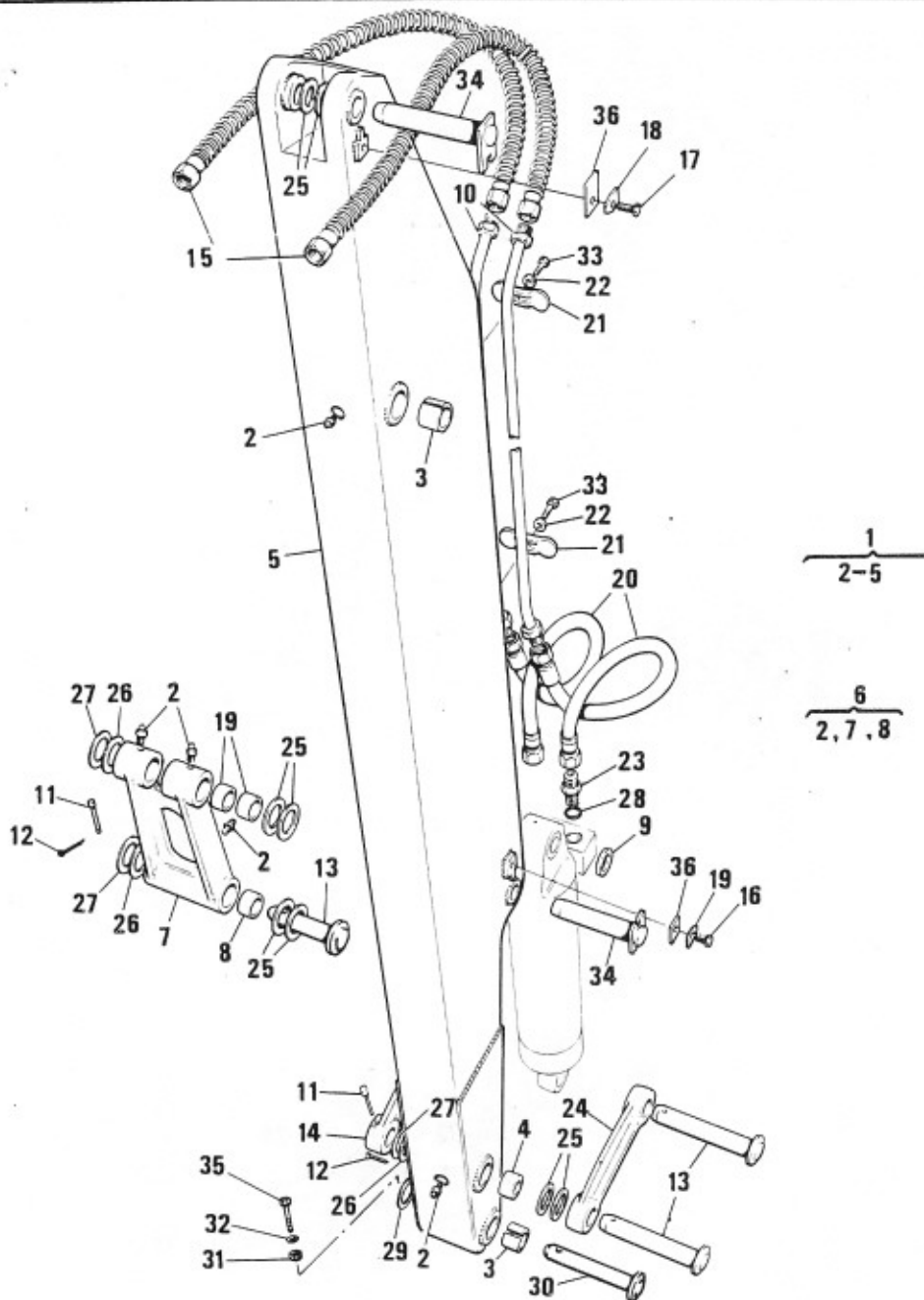
DIPPER ARM

Issue : 2

Sheet 1 of 1

755 0110 E

580C

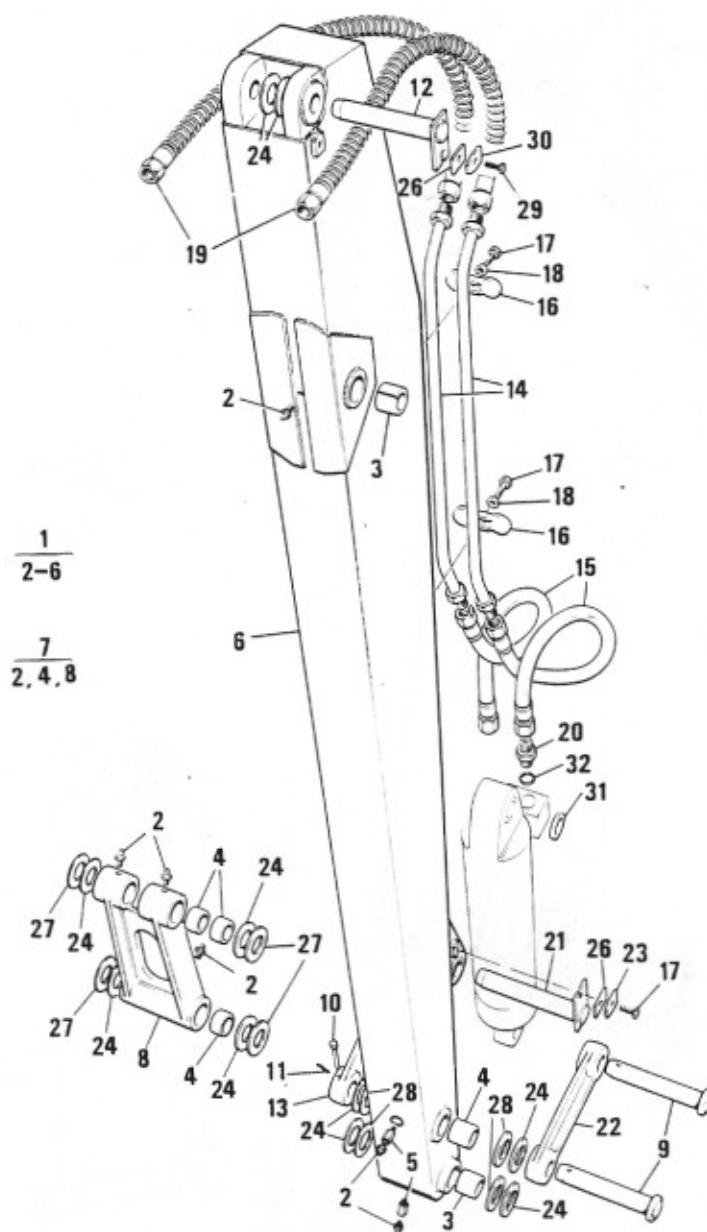


Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8093	DIPPER ARM ASSEMBLY	1	26	494 0144	Shim 3.18mm (.125")	3
2	271 0150	Grease Nipple	2	27	494 0145	Shim 4.76mm (.1875")	3
3	131 5024	Bush	4	28	490 6205	'O' Ring	2
4	133 0066	Bush	2	29	494 0166	Shim 1.59mm (.0625)	1
5	N.S.S.	Dipper Arm	1	30	406 9417	Pin	1
6	349 8029	PUSH LINK ASSEMBLY	1	31	385 0078	Nut	1
7	271 0150	Grease Nipple	4	32	651 0710	Washer	1
8	N.S.S.	Link	1	33	625 4927	Bolt	2
9	126 3003	Bush	6	34	406 9413	Pin	2
10	495 0447	Spacer	1	35	625 5241	Bolt	1
11	413 9470	Tube Assembly	2	36	445 0093	Pin Retainer	2
12	406 3547	Pin	3				
13	701 0706	Split Pin	3				
14	406 9414	Pin	3				
15	349 0111	Tie Link	1				
16	308 8272	Hose Assembly	2				
17	653 5217	Screw	1				
18	653 5117	Screw	1				
19	588 2526	Tab Washer	1				
20	588 2525	Tab Washer	1				
21	308 8259	Hose Assembly	2				
22	176 3232	Pipe Clamp	4				
23	588 5589	Washer	2				
24	271 0618	Adaptor	2				
25	349 1113	Tie Link	1				
	494 0143	Shim 1.59mm (.0625")	8				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HYMAC

Title :

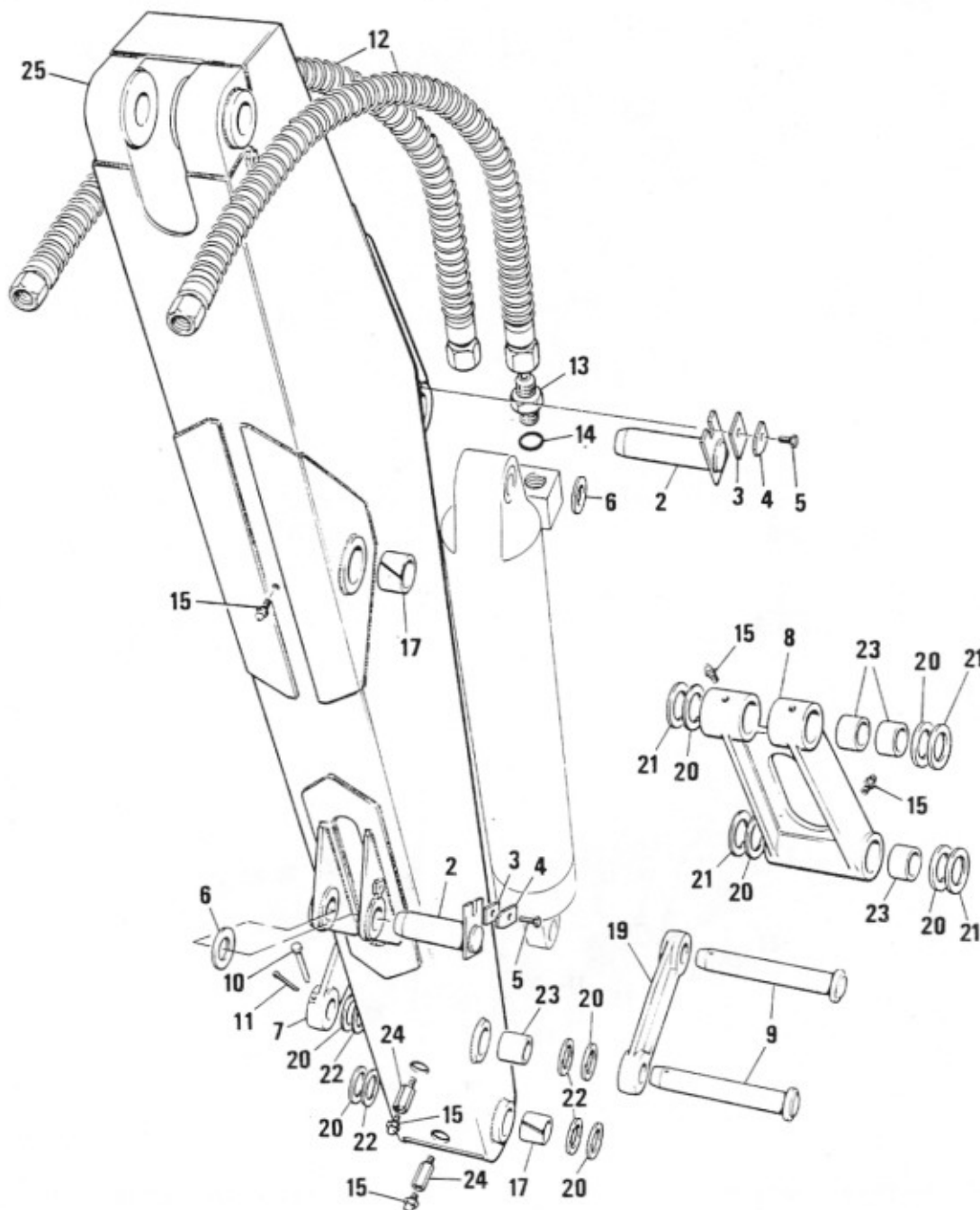
14' 6" DIPPER ARMIssue : **3**Sheet **1** of **1****754 0111 E****580 C**

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8084	DIPPER ARM ASSEMBLY	1	27	494 0144	Shim 3.18mm (.125")	4
2	271 0150	Grease Nipple	3	28	494 0145	Shim 4.76mm (.1875")	4
3	131 5023	Bush	4	29	653 5217	Screw	1
4	126 3003	Bush	2	30	588 2525	Tab Washer	1
5	271 1269	Grease Nipple Extension	2	31	495 0447	Spacer	1
6	N.S.S.	Dipper Arm	1	32	490 6205	'O' Ring	2
7	349 8029	PUSH LINK ASSEMBLY	1				
2	271 0150	Grease Nipple	3				
4	126 3003	Bush	6				
8	N.S.S.	Push Link	1				
9	406 9414	Pin	4				
10	406 3547	Lock Pin	4				
11	701 0706	Split Pin	4				
12	406 9411	Pin	1				
13	349 0011	Tie Link	1				
14	413 9469	Tube Assembly	2				
15	308 8259	Hose Assembly	2				
16	176 1002	Pipe Strap	2				
17	653 5117	Screw	3				
18	651 0609	Washer	2				
19	308 8313	Hose Assembly	2				
20	271 0618	Adaptor	2				
21	406 9413	Pin	1				
22	349 1113	Tie Link	1				
23	588 2526	Tab Washer	1				
24	494 0143	Shim 1.59mm (.625")	10				
25							
26	445 0093	Pin Retainer	2				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

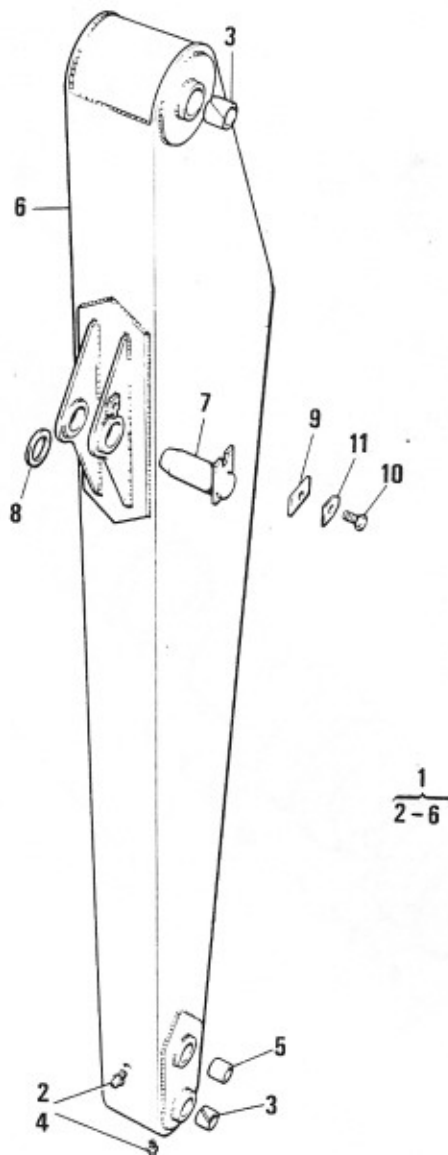
580C

$$\frac{1}{17, 23, 25}$$

$$\frac{26}{8, 15, 23}$$


Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8085	Dipper Arm Assembly	1				
2	406 9411	Pin	2				
3	445 0093	Pin Retainer	2				
4	588 2525	Tab Washer	2				
5	653 5217	Screw	2				
6	495 0447	Spacer	2				
7	349 0011	Tie Link	1				
8	N.S.S.	Link	1				
9	406 9414	Pin	4				
10	406 3547	Pin	4				
11	701 0706	Split Pin	4				
12	308 8313	Hose Assembly	2				
13	271 0618	Adaptor	2				
14	490 6205	'O' Ring	2				
15	271 0150	Grease Nipple	6				
17	131 5023	Tension Bush	4				
19	349 1113	Tie Link	1				
20	494 0143	Shim (.0625") 1.59 mm	8				
21	494 0144	Shim (.125") 3.18 mm	4				
22	494 0145	Shim (.1875") 4.76 mm	4				
23	126 3003	Bush	8				
24	271 1269	Grease Nipple Extension	2				
25	N.S.S.	Dipper Arm Weldment	1				
26	349 8029	Push Link Assembly	1				

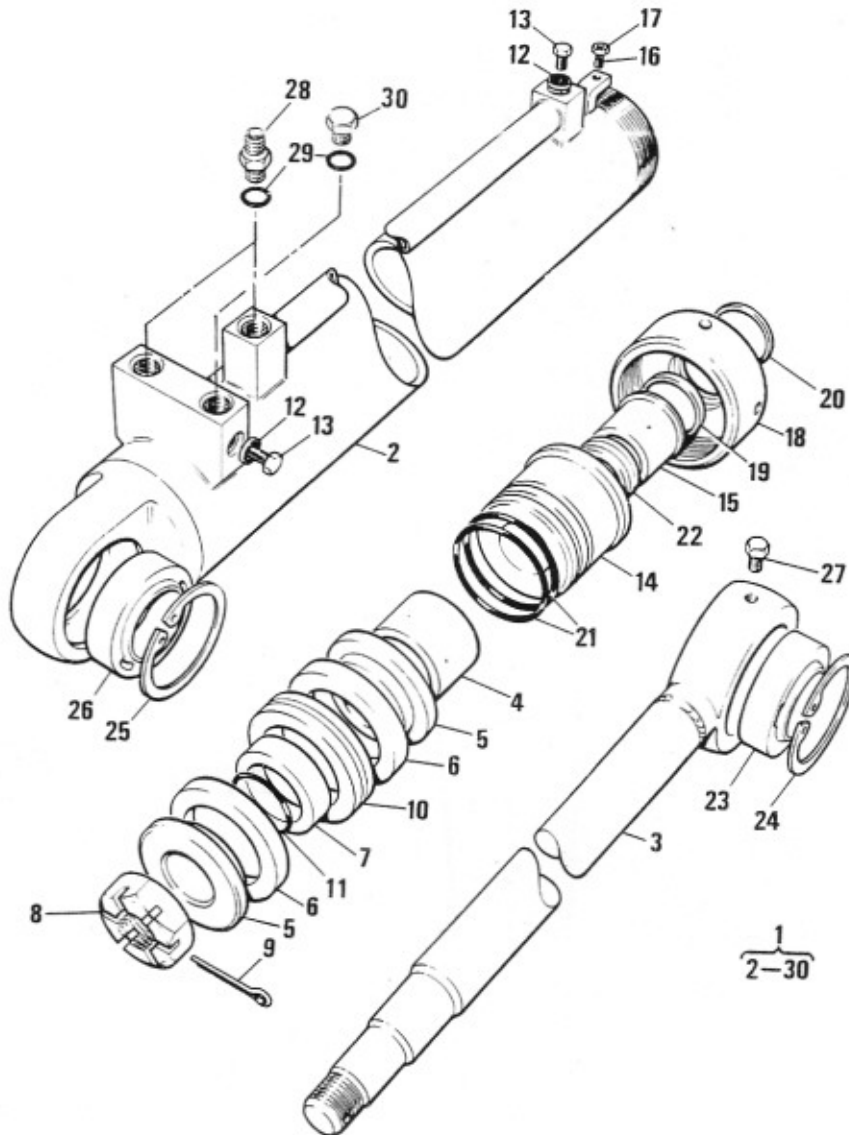
580C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8086	DIPPER ARM ASSEMBLY	1				
2	271 0150	Grease Nipple	2				
3	131 5023	Bush	4				
4	271 1269	Grease Nipple Extension	2				
5	126 3003	Bush	2				
6	N.S.S.	Dipper Arm	1				
7	406 9411	Pin	1				
8	495 0447	Spacer	1				
9	445 0093	Pin Retainer	1				
10	653 5217	Screw	1				
11	588 2525	Tab Washer	1				

HYMAC

Title :

102mm BORE BOOM CYLINDERIssue : **3**Sheet **1** of **1****751 0114 E****580C**

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	170 8434	CYLINDER ASSEMBLY	1	27	409 0166	Plug	1
2	170 9408	Cylinder Tube	1	28	271 0282	Adaptor	2
3	448 9477	Piston Rod	1	29	490 6203	'O' Ring	3
4	496 0099	Sleeve	1	30	409 0032	Plug	1
5	405 0182	Piston End Ring	2				
6	405 0169	Piston Bearing Ring	2				
7	405 0181	Piston Body	1				
8	385 0124	Piston Nut	1				
9	701 1121	Split Pin	1				
10	●	Fluid Seal	1				
11	●	'O' Ring	1				
12	490 5011	Bonded Seal	2				
13	409 0017	Plug	2				
14	289 0029	Cylinder Gland	1				
15	130 0017	Flanged Bush	1				
16	656 4715	Screw	1				
17	650 0847	Locknut	1				
18	180 0303	Clamp Nut	1				
19	●	Nylon Seal Ring	1				
20	●	Wiper Seal	1				
21	●	'O' Ring	2				
22	●	Fluid Seal	1				
23	114 4066	Ball Bushing	1				
24	184 0056	Circlip	4				
25	184 0046	Circlip	4				
26	114 4067	Ball Bushing	1				

● 346 8147 Seal Kit

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HYMAC

Title :

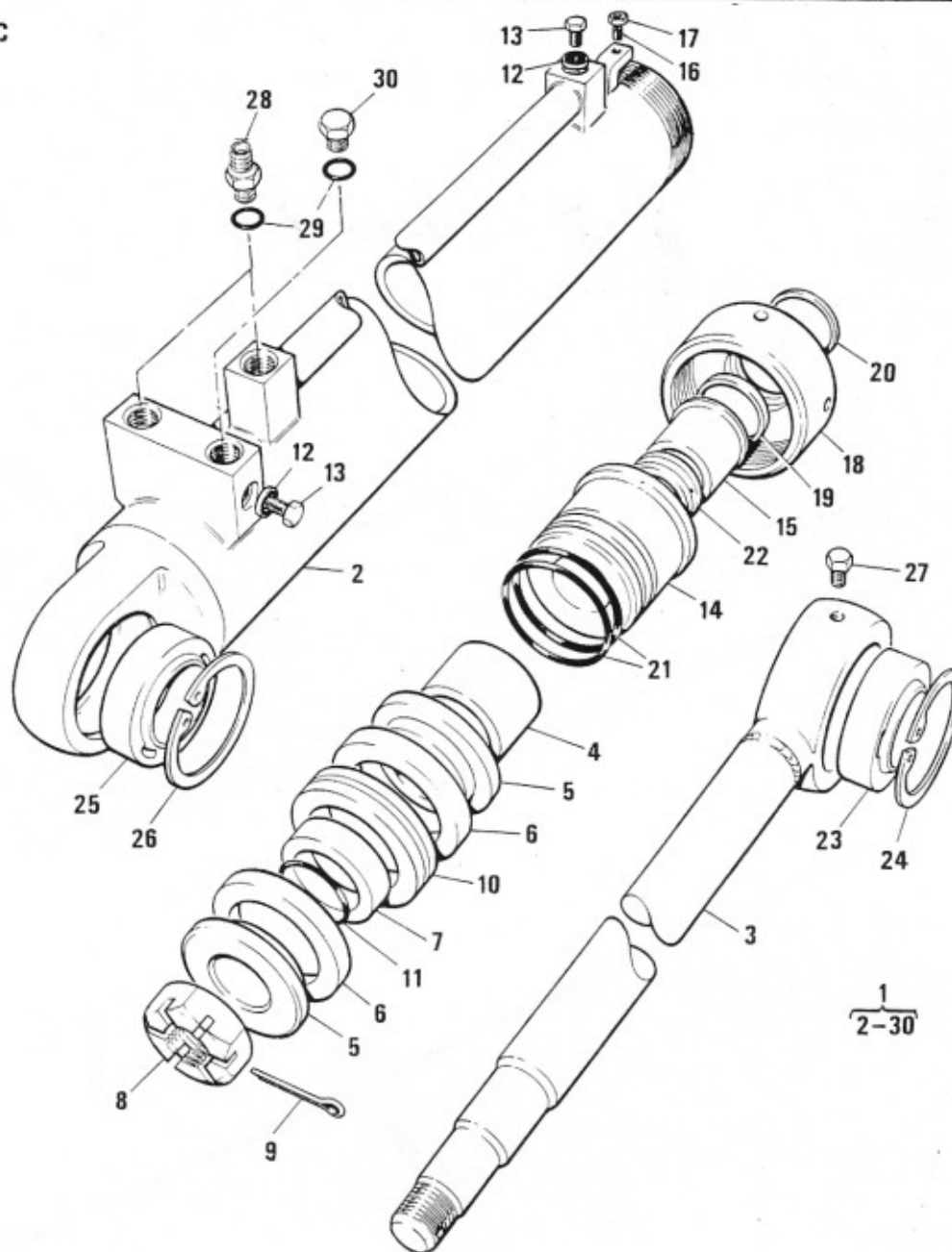
4 1/2" BORE BOOM CYLINDER

Issue : 4

Sheet 1 of 1

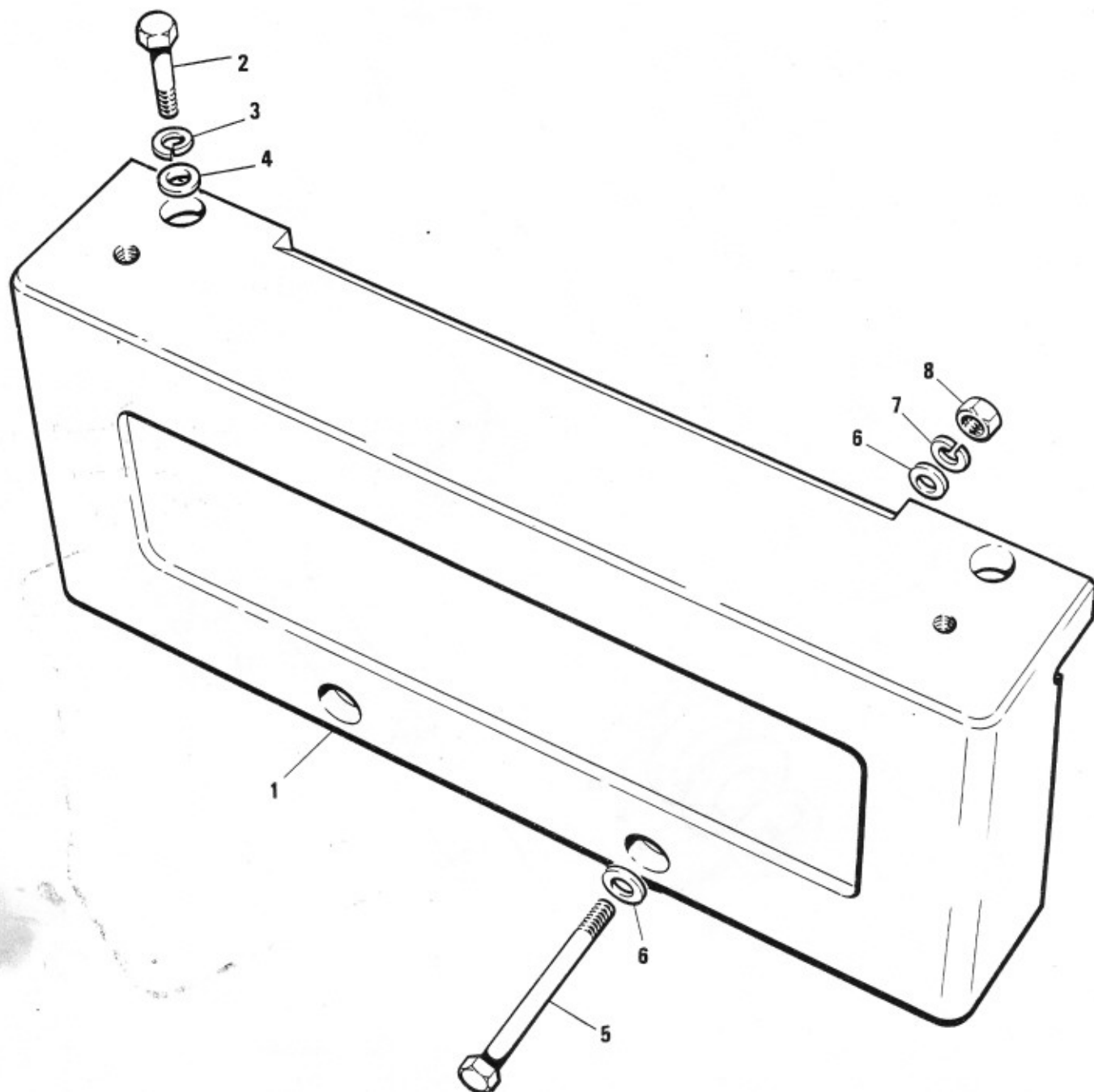
751 0115 E

580 C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	170 8407	CYLINDER ASSEMBLY	1	27	409 0166	Plug	1
2	170 9410	Cylinder Tube	1	28	271 0282	Adaptor	2
3	448 9482	Piston Rod	1	29	490 6203	'O' Ring	3
4	496 0105	Sleeve	1	30	409 0032	Plug	1
5	405 0214	Piston End Ring	2				
6	405 0215	Piston Bearing Ring	2				
7	405 0213	Piston Body	1				
8	385 0124	Piston Nut	1				
9	701 1120	Split Pin	1				
10	●	Fluid Seal	1				
11	●	'O' Ring	1				
12	490 5011	Bonded Seal	2				
13	409 0017	Plug	2				
14	289 0027	Gland	1				
15	130 0017	Flanged Bush	1				
16	656 4715	Screw	1				
17	650 0647	Locknut	1				
18	180 0322	Clamp Nut	1				
19	●	Nylon Seal Ring	1				
20	●	Wiper Seal	1				
21	●	'O' Ring	2				
22	●	Fluid Seal	1				
23	114 4066	Ball Bushing	1				
24	184 0056	Circlip	4				
25	114 4067	Ball Bushing	1				
26	184 0046	Circlip	4				

580C



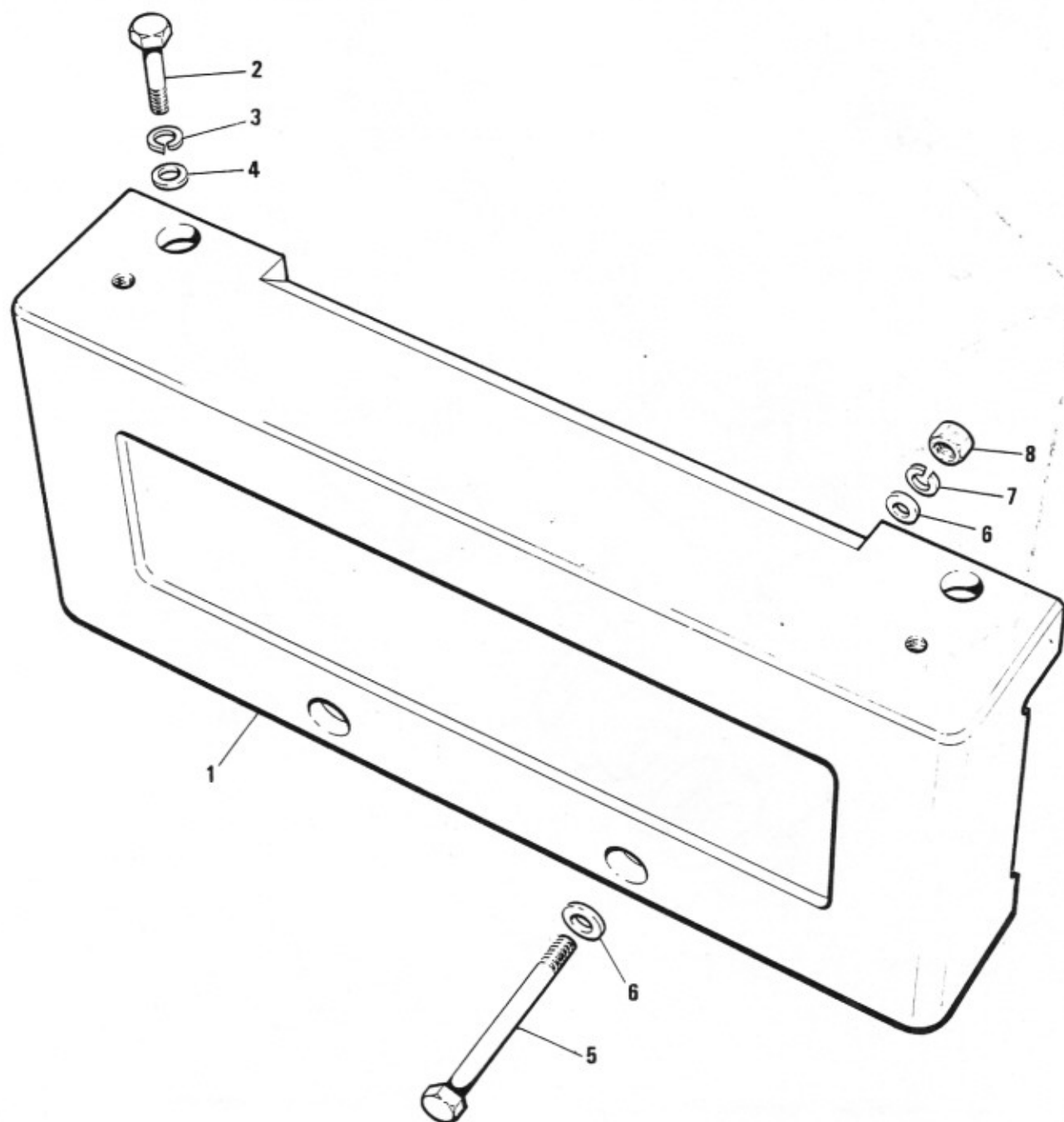
Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	586 0025	Additional Counterweight	1				
2	625 5335	Bolt	2				
3	651 0611	Washer	2				
4	651 0711	Washer	2				
5	625 5253	Bolt	2				
6	651 0710	Washer	4				
7	651 0610	Washer	2				
8	650 2252	Nut	2				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HY-MACTitle
2300lb. COUNTERWEIGHTIssue 1
Sheet 1 of 1

751 0117 E

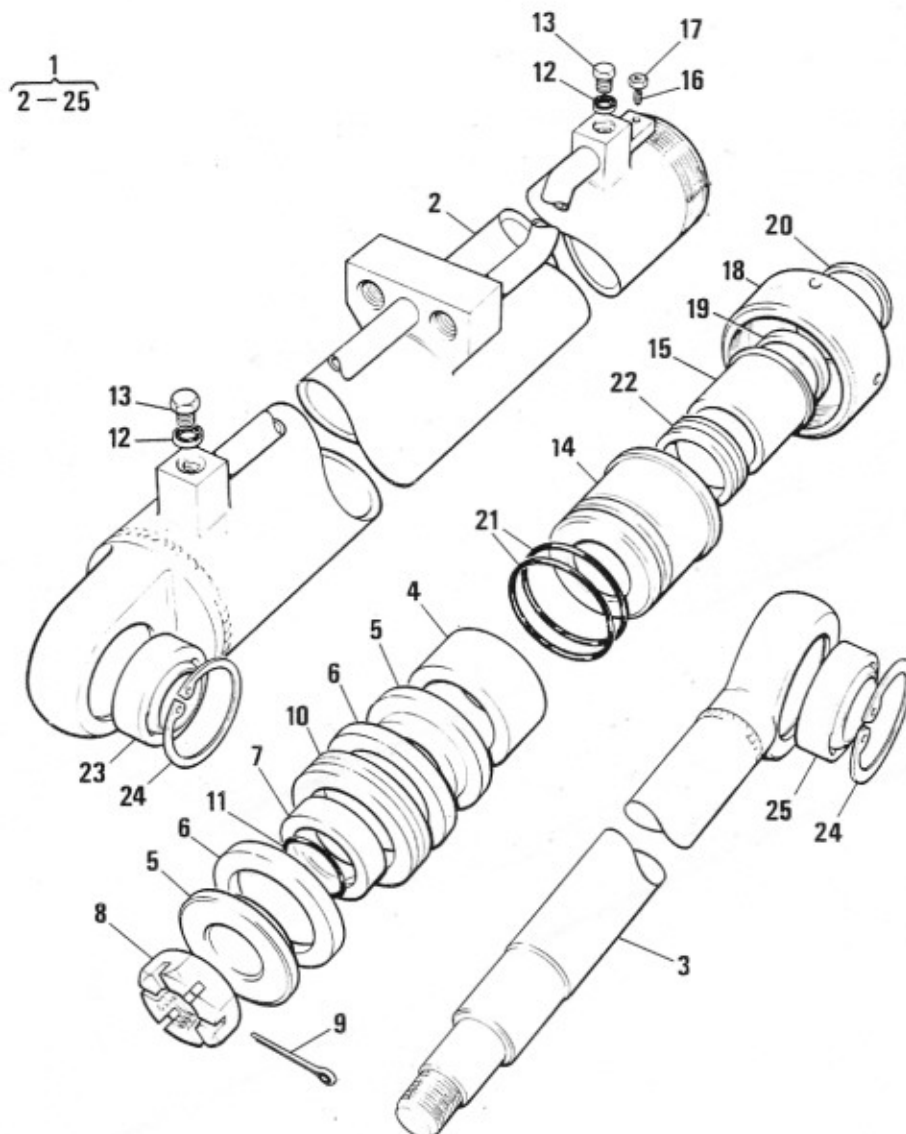
580C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	586 0005	Additional Counterweight	1				
2	625 5339	Bolt	2				
3	651 0611	Washer	2				
4	651 0711	Washer	2				
5	625 5253	Bolt	2				
6	651 0710	Washer	4				
7	651 0610	Washer	2				
8	650 2252	Nut	2				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

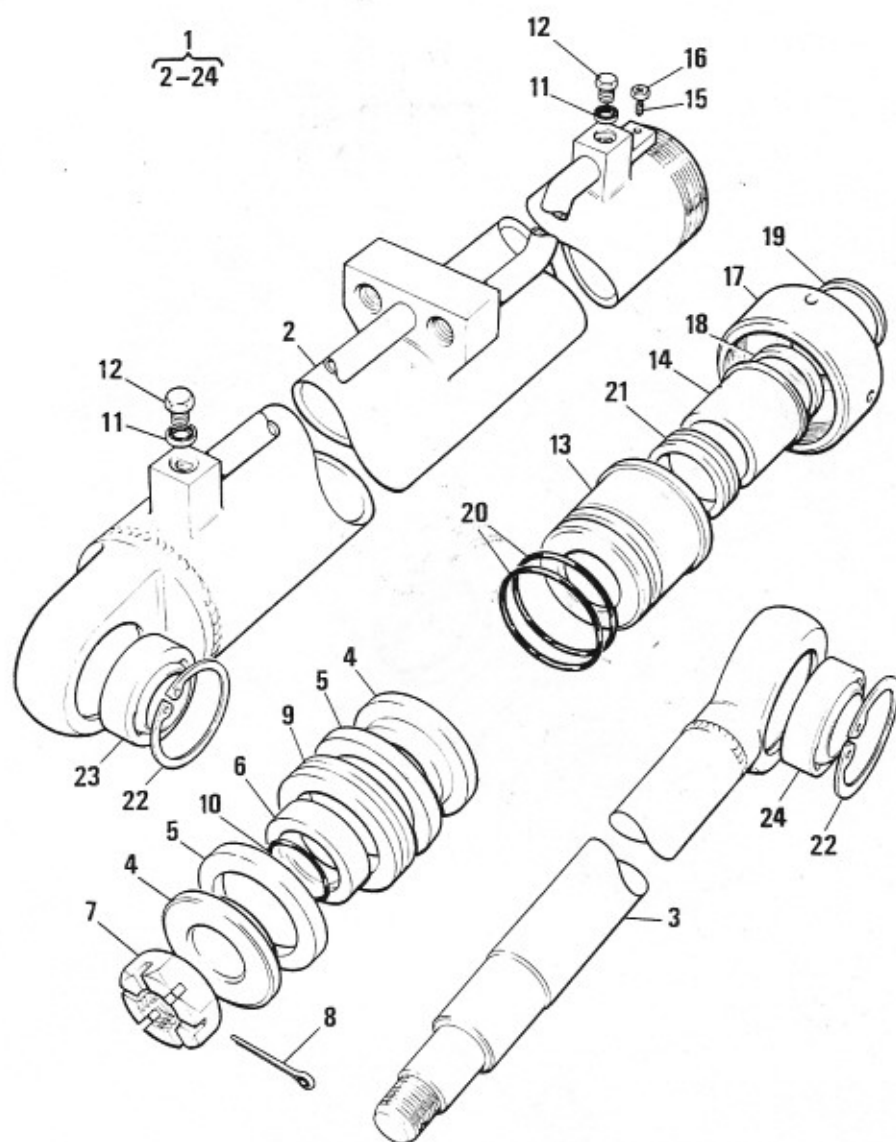
580C



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	170 8563	CYLINDER ASSEMBLY	1				
2	170 9514	Cylinder Tube	1				
3	448 9479	Piston Rod	1				
4	496 0101	Sleeve	1				
5	405 0185	Piston End Ring	2				
6	405 0186	Piston Bearing Ring	2				
7	405 0184	Piston Body	1				
8	385 0233	Piston Nut	1				
9	701 1121	Split Pin	1				
10	●	Fluid Seal	1				
11	●	'O' Ring	1				
12	490 5011	Bonded Seal	2				
13	409 0017	Plug	2				
14	289 0023	Gland	1				
15	130 0019	Flanged Bush	1				
16	656 4715	Screw	1				
17	650 0847	Locknut	1				
18	180 0304	Clamp Nut	1				
19	●	Nylon Seal Ring	1				
20	●	Wiper Seal	1				
21	●	'O' Ring	2				
22	●	Fluid Seal	1				
23	114 4067	Ball Bushing	1				
24	184 0046	Circlip	4				
25	114 0118	Bearing	1				
●	346 8212	Seal Kit					

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

580 C

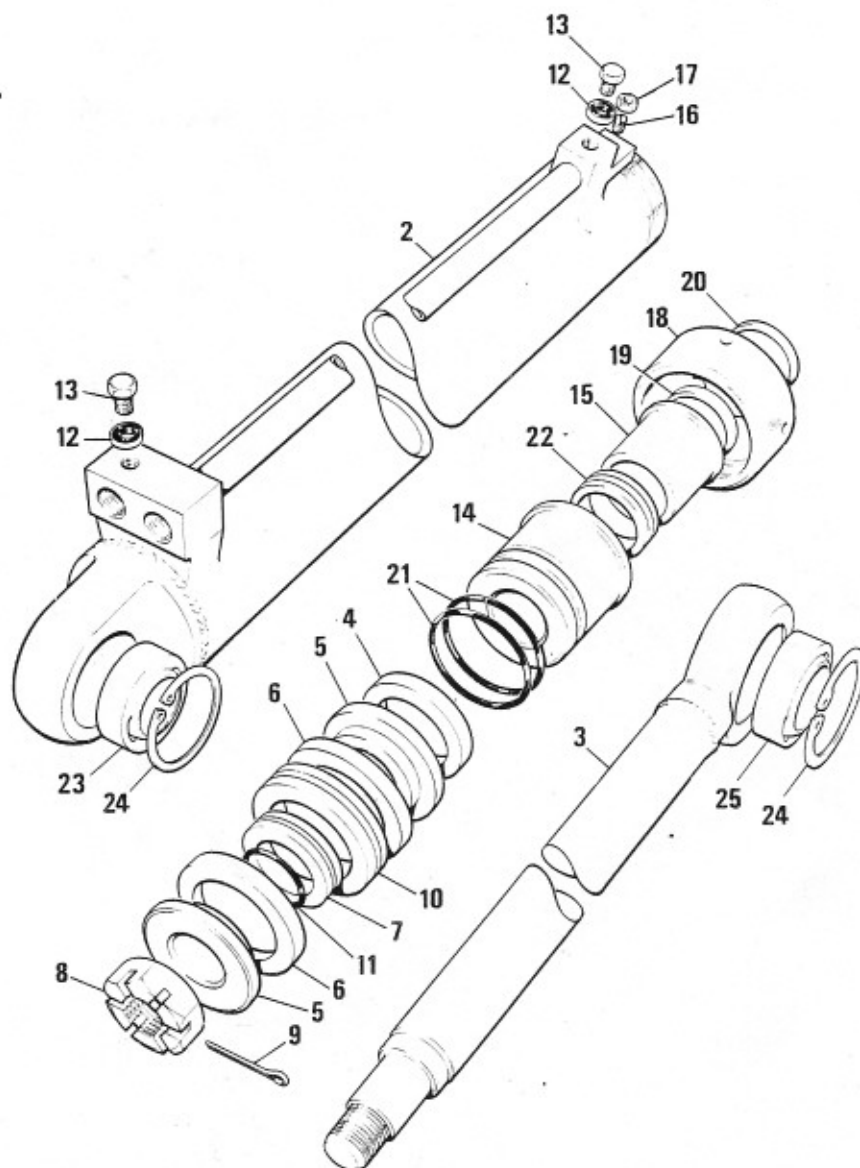


Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	170 8562	CYLINDER ASSEMBLY	1				
2	170 9514	Cylinder Tube	1				
3	448 9505	Piston Rod	1				
4	405 0185	Piston End Ring	2				
5	405 0186	Piston Bearing Ring	2				
6	405 0184	Piston Body	1				
7	385 0233	Piston Nut	1				
8	701 1121	Split Pin	1				
9	●	Fluid Seal	1				
10	●	'O' Ring	1				
11	490 5011	Bonded Seal	2				
12	409 0017	Plug	2				
13	289 0023	Gland	1				
14	130 0019	Flanged Bush	1				
15	656 4715	Screw	1				
16	650 0847	Locknut	1				
17	180 0304	Clamp Nut	1				
18	●	Nylon Seal Ring	1				
19	●	Wiper Seal	1				
20	●	'O' Ring	2				
21	●	Fluid Seal	1				
22	184 0046	Circlip	4				
23	114 4067	Bearing	1				
24	114 0118	Bearing	1				
●	346 8212	Seal Kit					

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

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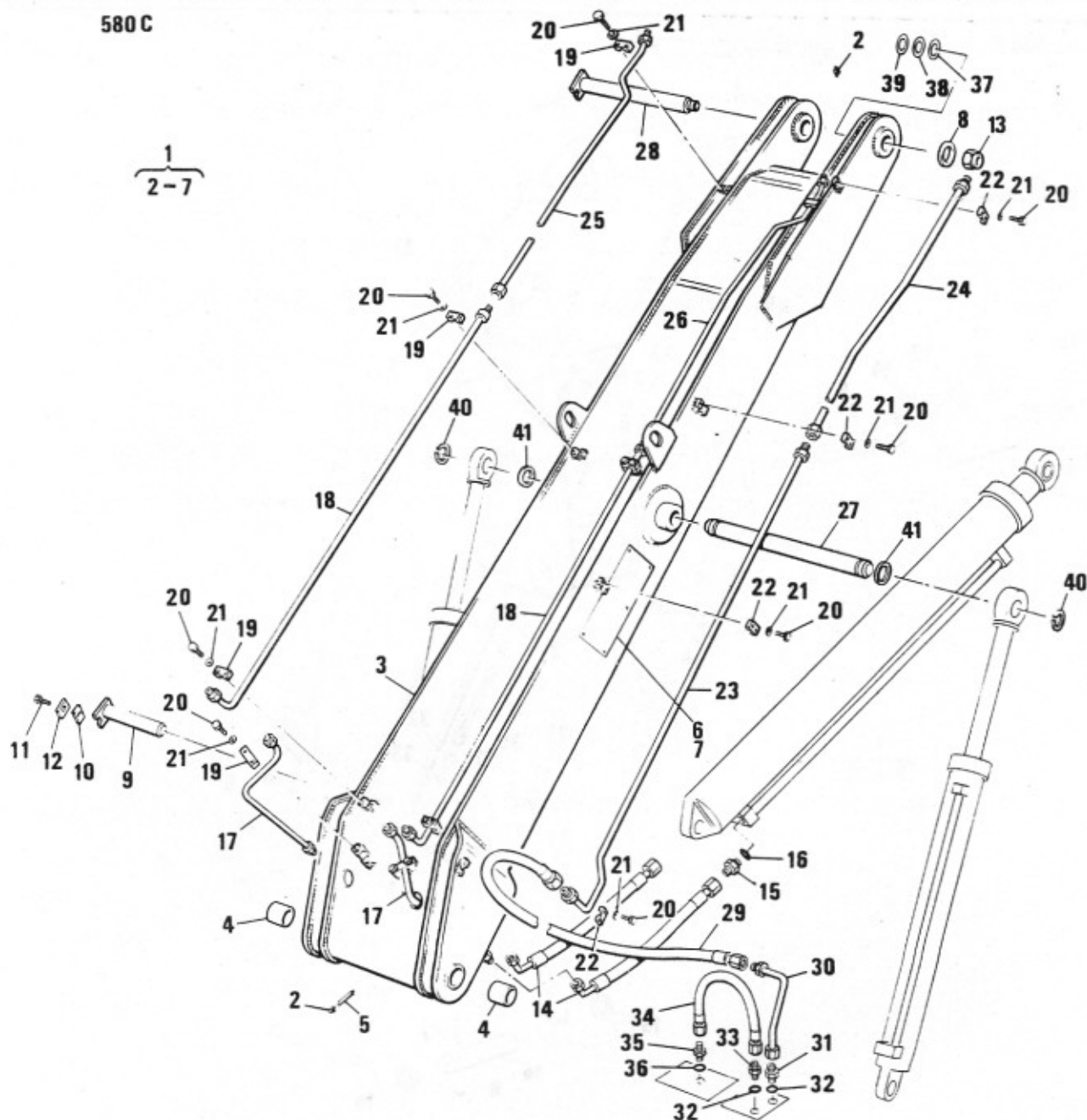
1
2-25



Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	170 8564	CYLINDER ASSEMBLY	1				
2	N.S.S.	Cylinder Tube	1				
3	448 9478	Piston Rod	1				
4	496 0100	Sleeve	1				
5	405 0185	Piston End Ring	2				
6	405 0186	Piston Bearing Ring	2				
7	405 0184	Piston Body	1				
8	385 0233	Piston Nut	1				
9	701 1121	Split Pin	1				
10	●	Fluid Seal	1				
11	●	'O' Ring	1				
12	490 5011	Bonded Seal	2				
13	409 0017	Plug	2				
14	289 0023	Cylinder Gland	1				
15	130 0019	Flanged Bush	1				
16	656 4715	Screw	1				
17	650 0847	Lock Nut	1				
18	180 0304	Clamp Nut	1				
19	●	Nylon Seal Ring	1				
20	●	Wiper Seal	1				
21	●	'O' Ring	2				
22	●	Fluid Seal	1				
23	114 4067	Ball Bushing	1				
24	184 0046	Circlip	4				
25	114 0118	Bearing	1				

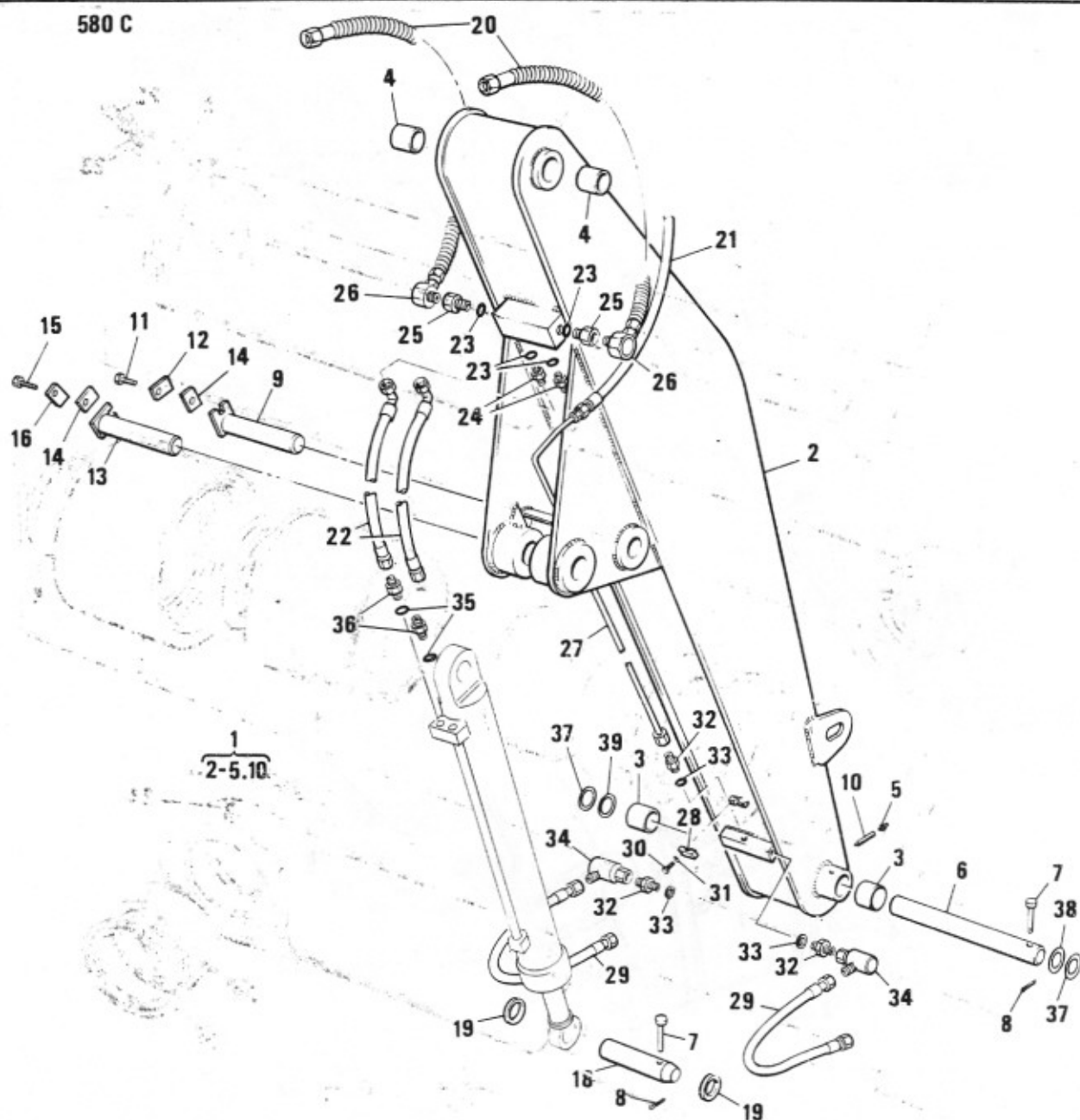
● 346 8212 Seal Kit

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	119 8083	BOOM ASSEMBLY	1	27	406 0382	Pivot Pin	1
2	271 0150	Grease Nipple	2	28	406 9418	Pivot Pin	1
3	N.S.S.	Boom	1	29	307 8260	Hose Assembly	1
4	133 1012	Bush	2	30	413 9338	Tube Assembly	1
5	271 1269	Grease Nipple Extension	1	31	271 0615	Adaptor	1
6	350 0214	Nameplate	2	32	490 6202	'O' Ring	2
7	127 0018	Screw	12	33	271 0127	Adaptor	1
8	495 0082	Washer	1	34	307 8172	Hose Assembly	1
9	406 9303	Pivot Pin	1	35	271 0271	Adaptor	1
10	445 0093	Pin Retainer	1	36	490 6204	'O' Ring	1
11	653 5217	Screw	1	37	494 0143	Shim	2
12	588 2525	Tab Washer	1	38	494 0144	Shim	1
13	650 1957	Nut	1	39	494 0145	Shim	1
14	308 8280	Hose Assembly	2	40	184 0121	Circlip	2
15	271 0618	Adaptor	2	41	495 0381	Spacer	2
16	490 6205	'O' Ring	2				
17	413 9513	Tube Assembly	2				
18	413 9512	Tube Assembly	2				
19	176 0073	Pipe Clamp	8				
20	653 4719	Screw	24				
21	588 5587	Washer	24				
22	176 0100	Pipe Clamp	4				
23	413 9517	Tube Assembly	1				
24	413 9516	Tube Assembly	1				
25	413 9515	Tube Assembly	1				
26	413 9514	Tube Assembly	1				

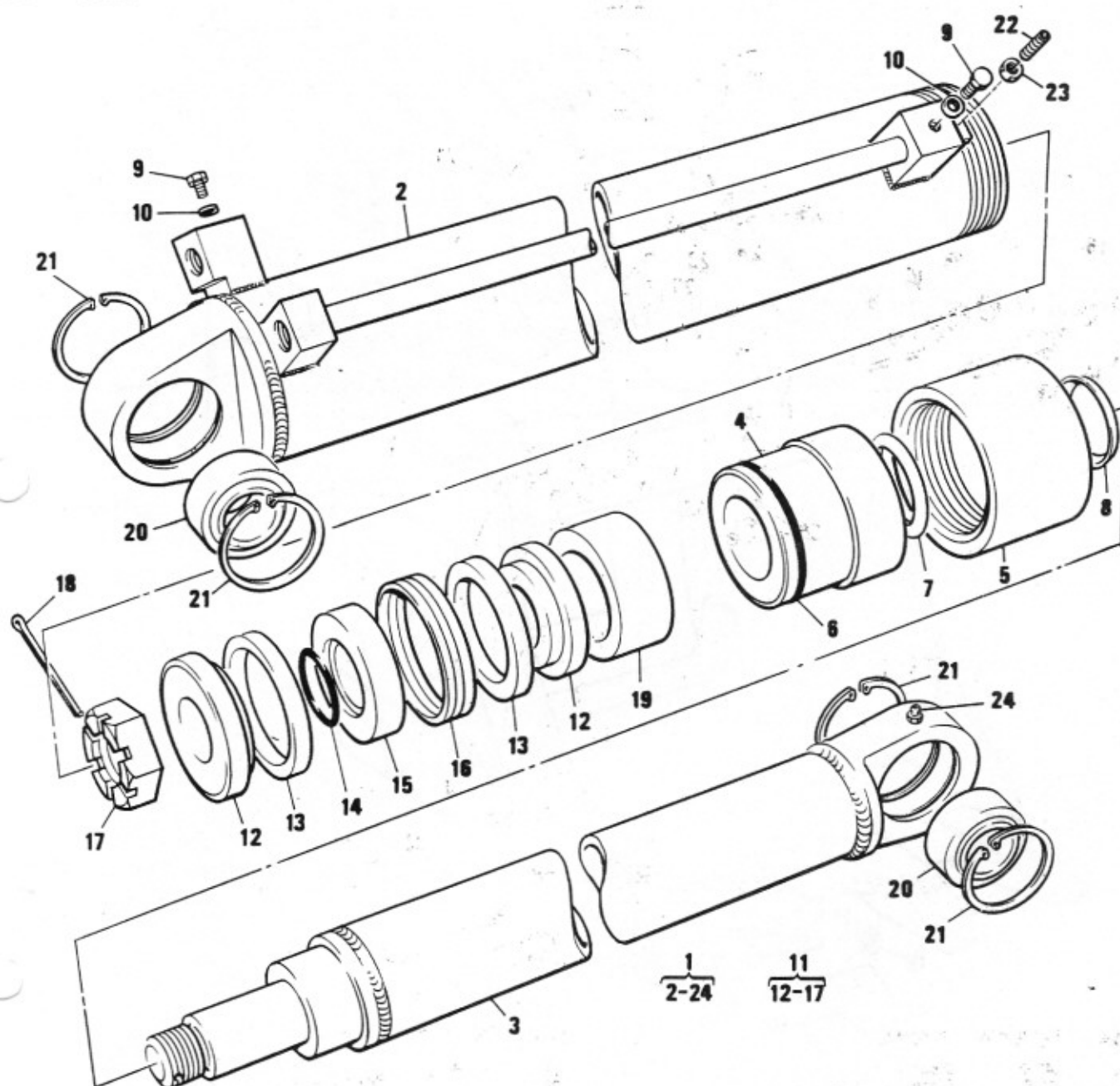
ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HYMACTitle : **FACE SHOVEL DIPPER ARM**Issue : **2**
Sheet **1** of **1****750 0422 E****580 C**

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	240 8073	Dipper arm assembly	1	27	413 9526	Tube assembly	1
2	N.S.S.	Dipper weldment	1	28	176 0100	Pipe clamp top	2
3	131 5023	Tension bush	2	29	308 8354	Hose assembly	2
4	131 0034	Bush	4	30	653 4719	Screw	4
5	271 0150	Grease nipple	1	31	588 5587	Washer	4
6	406 3586	Pivot pin	1	32	271 0615	Adaptor	3
7	406 3547	Lock pin	2	33	490 6202	'O' ring	3
8	701 0706	Split pin	2	34	271 0280	Banjo connector	2
9	406 9416	Pivot pin	1	35	490 6205	'O' ring	2
10	271 1269	Grease nipple extension	1	36	271 0618	Adaptor	2
11	653 5117	Setscrew	1	37	494 0143	Shim	2
12	588 2526	Tab washer	1	38	494 0144	Shim	1
13	406 9305	Pivot pin	1	39	494 0145	Shim	1
14	445 0093	Pin retainer	2				
15	653 5217	Setscrew	1				
16	588 2525	Tab washer	1				
17							
18	406 3588	Pivot pin	1				
19	495 0374	Spacer	1				
20	308 8013	Hose assembly	2				
21	308 8367	Hose assembly	1				
22	307 9221	Hose assembly	2				
23	490 6203	'O' ring	4				
24	271 0284	Adaptor	2				
25	271 0259	Adaptor	2				
26	271 0006	Banjo connector	2				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

580C

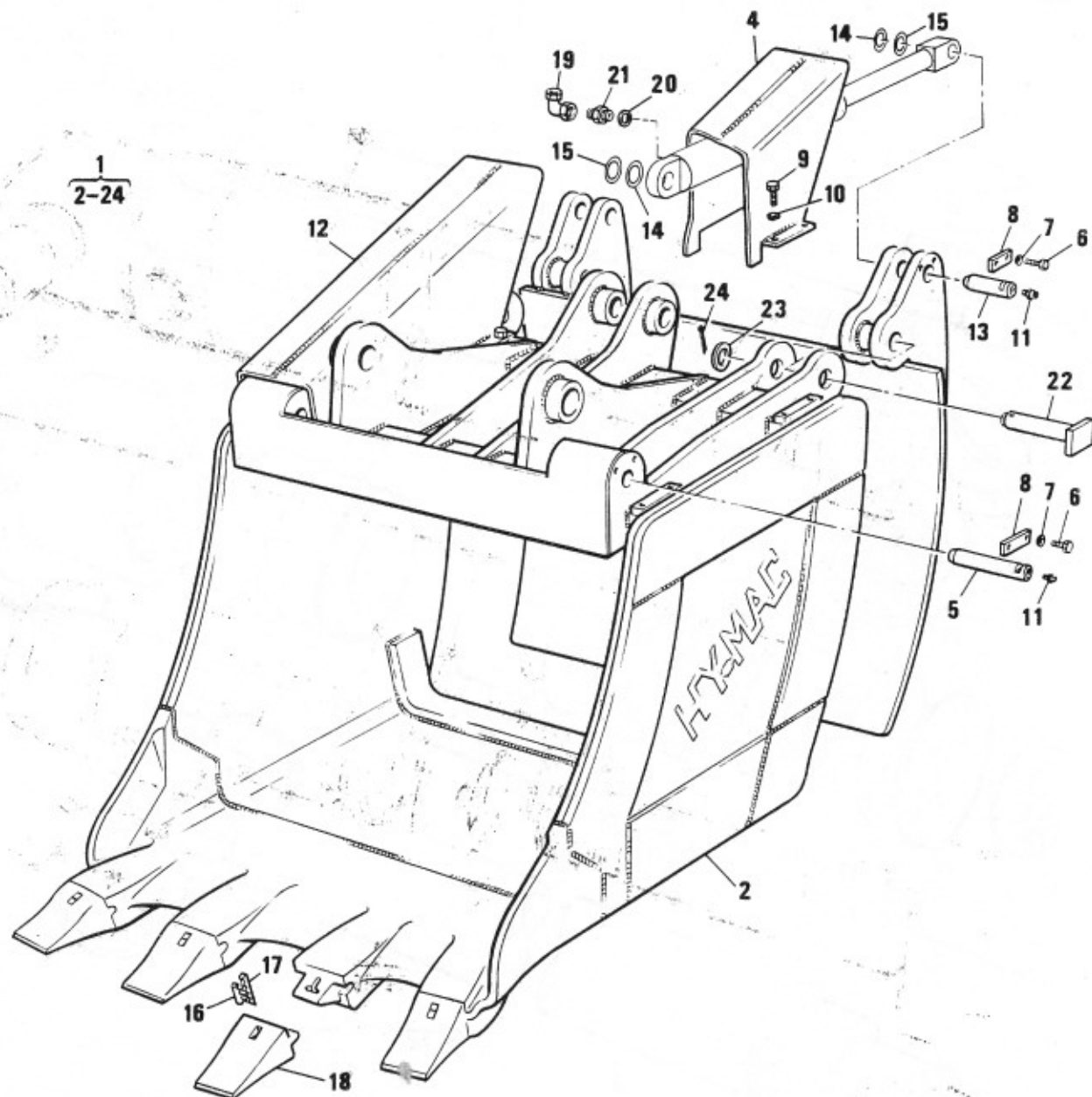


Item	Part Number	Description	Qty
1	170 8613	Cylinder assembly	1
2	N.S.S.	Cylinder weldment	1
3	448 9470	Piston rod weldment	1
4	180 0195	Cylinder gland	1
5	180 0196	Cylinder gland clamp nut	1
6	•	O' ring	1
7	•	Fluid seal	1
8	•	Wiper seal	1
9	409 0017	Plug	2
10	490 5011	Bonded seal	2
11	405 8017	Piston head assembly	1
12	405 0197	End ring	2
13	405 0198	Bearing ring	2
14	•	O' ring	1
15	405 0196	Piston body	1
16	•	Fluid seal	1
17	385 0132	Nut	1
18	701 1125	Split pin	1
19	496 0054	Stroke restrictor sleeve	1
20	114 4507	Spherical bearing	2
21	184 0056	Circlip	4
22	656 4715	Capscrew	1
23	650 0647	Locknut	1
24	271 0158	Grease nipple	2

Item	Part Number	Description	Qty
•	346 8150	Seal Kit	

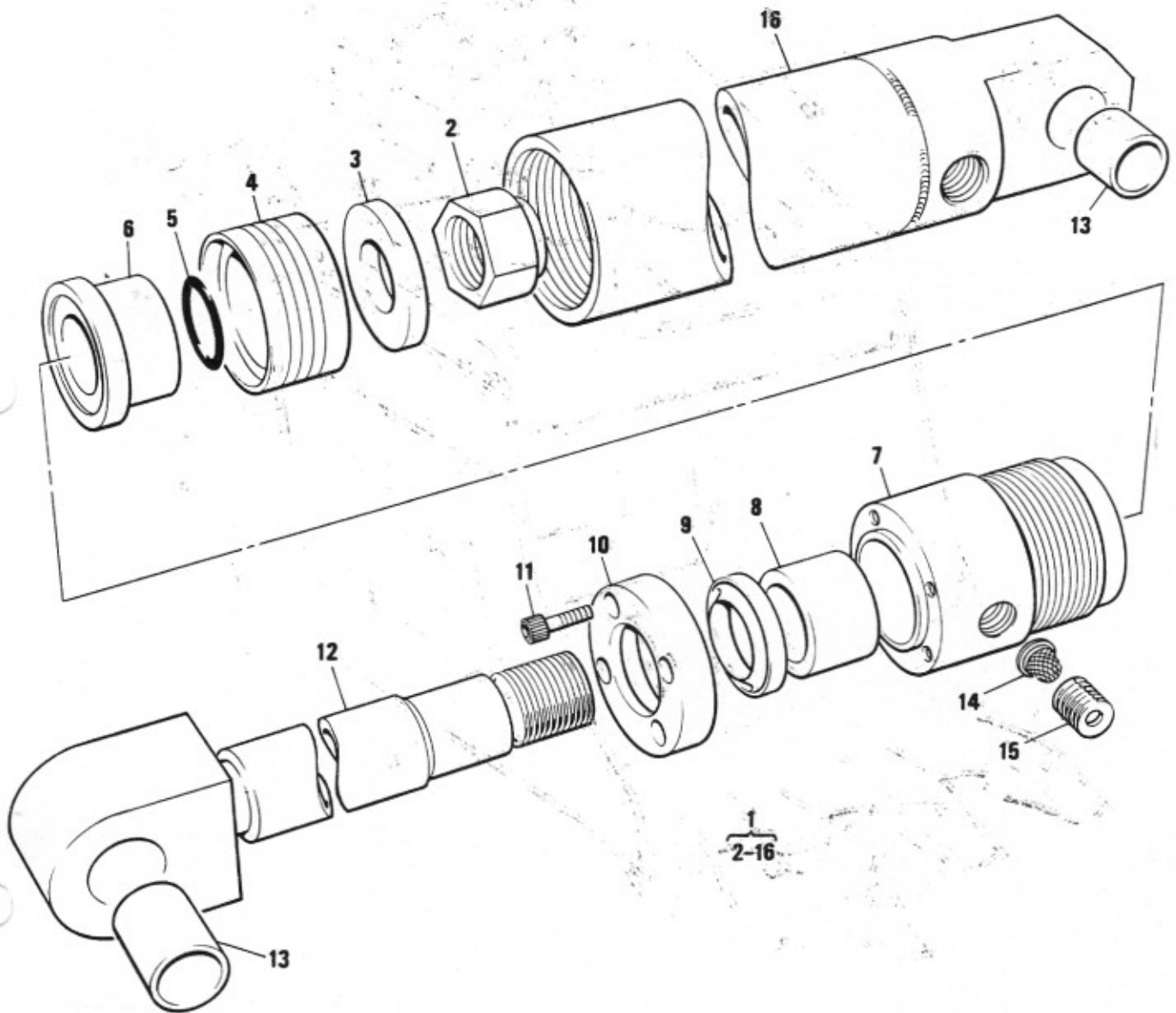
ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

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Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	125 8210	Face shovel bucket assembly	1				
2	N.S.S.	Bucket weldment	1				
3							
4	167 9310	Door cylinder guard L.H.	1				
5	406 3098	Pivot pin	2				
6	653 4709	Screw	8				
7	588 5587	Washer	8				
8	387 5531	Lockplate	4				
9	653 4911	Screw	16				
10	588 5589	Washer	16				
11	271 0154	Grease nipple	4				
12	167 9309	Door cylinder guard R.H.	1				
13	406 3171	Pin	2				
14	494 5004	Shim (0.015")	A/R				
15	494 4007	Shim (0.3125")	A/R				
16	539 0086	Pin lock	4				
17	539 0090	Locking pin	4				
18	539 1003	Conical point	4				
19	271 8018	90° adaptor	2				
20	490 5018	Bonded seal	2				
21	271 0770	Adaptor	2				
22	406 3150	Hinge pin	2				
23	651 0116	Washer	2				
24	701 1821	Split pin	2				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER

HY-MACTitle **BUCKET DOOR CYLINDER**Issue **1**Sheet **1** of **1****750 1562****E****580C**

Item	Part Number	Description	Qty	Item	Part Number	Description	Qty
1	171 8202	Cylinder assembly	1				
2	650 2034	Nut	1				
3	405 7006	Piston	1				
4	•	Piston seal	1				
5	•	'O' ring	1				
6	405 7007	Piston	1				
7	180 7009	Rod bearing housing	1		• 346 8116	Seal Kit	
8	133 0007	Rod husk	1				
9	•	Rod wiper seal	1				
10	180 7008	Wiper housing	1				
11	654 2511	Capscrew	4				
12	448 7002	Rod	1				
13	133 0006	Wrapped bush	2				
14	270 0064	Filter thimble	1				
15	N.S.S.	Air breather plug	1				
16	N.S.S.	Cylinder weldment	1				

ALWAYS QUOTE FULL MACHINE SERIAL NUMBER