

CATERPILLAR 637E

1LB / SEBP6103

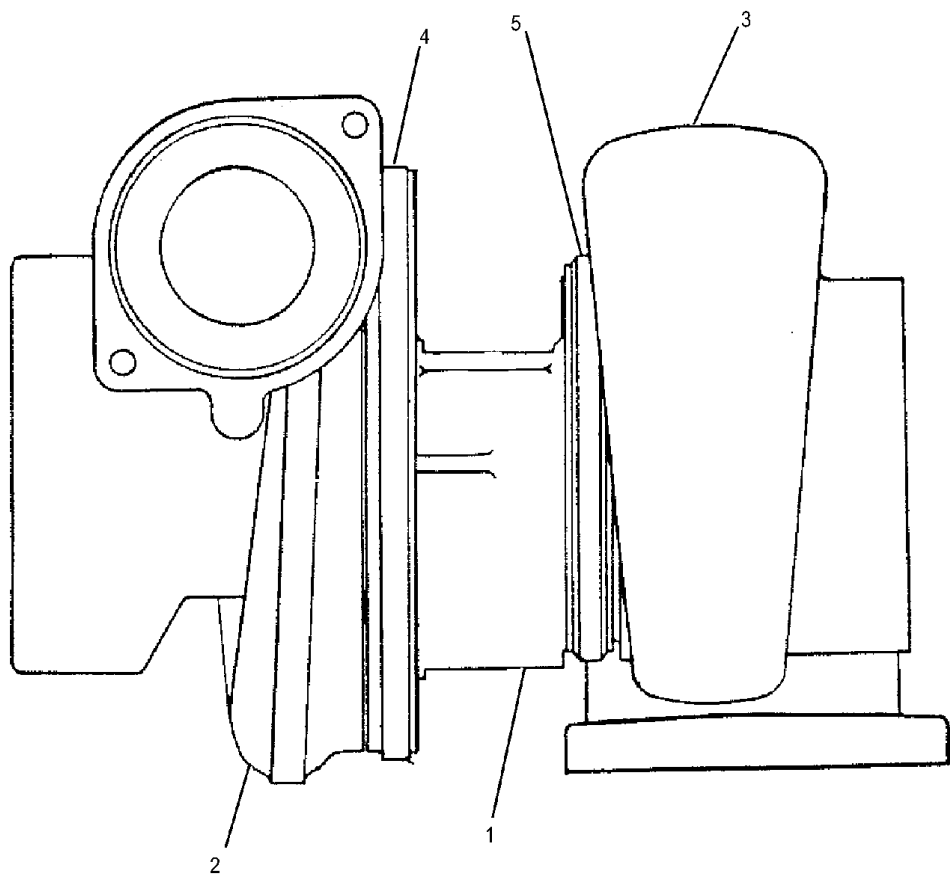
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Basic engine	
Basic engine	

219-9710 TURBOCHARGER GP

219-9710 TURBOCHARGER GP PART OF 279-3383 CONVERSION AR-ENGINE

Drawing 1 of 1



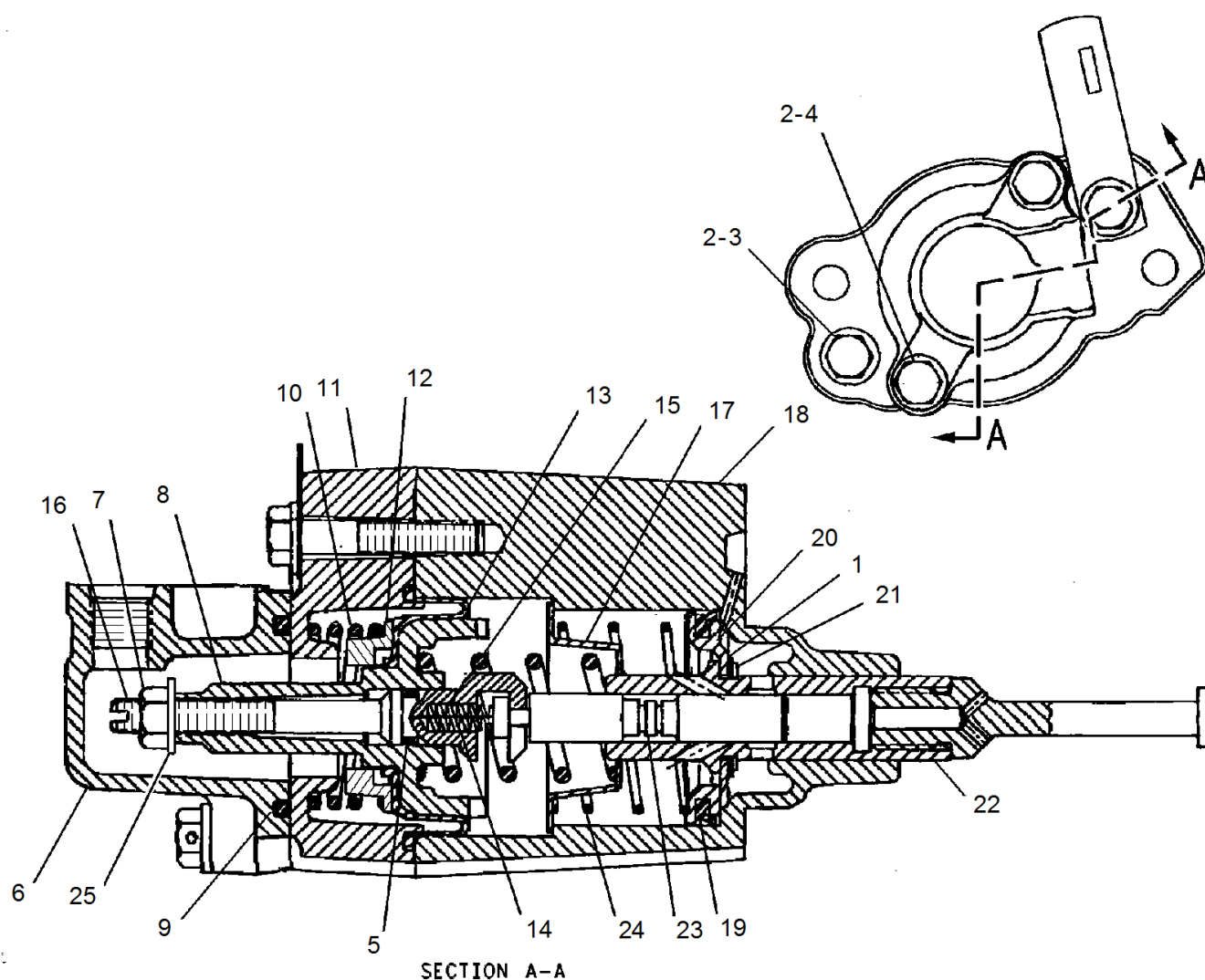
Ref.	Part number	Description	Qty	Code	Group page
1	214-6914	CARTRIDGE GP-TURBOCHARGER (For service parts breakdown go to Advanced Full Text Search, select Parts Identification and enter the cartridge group part number into the part no. field)	1		
2	214-6915	COVER (COMPRESSOR)	1		
3	220-5650	HOUSING-TURBINE	1		
4	7C-9538	CLAMP AS-COMPRESSOR	1		
5	7C-9532	CLAMP AS (TURBINE)	1		

CAT codes: R.

111-5162 CONTROL GP-FUEL RATIO

111-5162 CONTROL GP-FUEL RATIO PART OF 279-3383 CONVERSION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	2W-9315	WASHER-SPRING	2		
2	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	4		
3	2A-5546	BOLT (1/4-20X1.375-IN)	2		
4	5P-6945	BOLT (1/4-20X1.125-IN)	2		
5	3E-6760	SEAL-O-RING	1		
6	4P-7274	COVER	1		
7	9S-8748	NUT-FULL (1/4-28-THD)	1		
8	4W-0924	RETAINER	1		
9	5P-8210	SEAL-O-RING	1		
10	7W-2826	SPRING	1		
11	4P-7275	COVER	1		

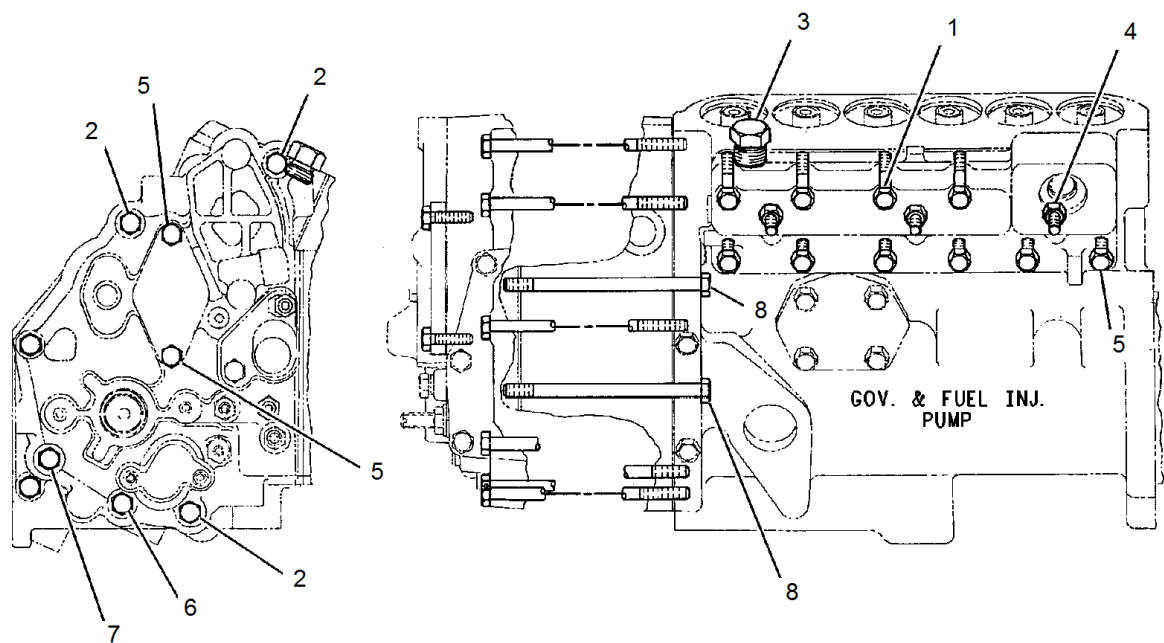
111-5162 CONTROL GP-FUEL RATIO (continued)

Ref.	Part number	Description	Qty	Code	Group page
12	106-6493	WASHER	1		
13	6I-1564	DIAPHRAGM	1		
14	9N-1754	SPRING	1		
15	7W-2828	SPRING	1		
16	7W-2015	EXTENSION-VALVE	1		
17	7N-9035	RETAINER	1		
18	7N-9062	HOUSING	1		
19	8N-5763	SEAL	1		
20	8N-5764	PISTON	1		
21	8F-4610	RING-RETAINING	1		
22	2W-9316	VALVE AS (FUEL CONTROL)	1		
23	9Y-8088	VALVE-INTERNAL	1		
24	8N-5765	SPRING	1		
25	115-3358	WASHER (12.7X6.65X0.79-MM THK)	1		

7C-8993 FASTENER GP-FUEL INJ PUMP

7C-8993 FASTENER GP-FUEL INJ PUMP PART OF 279-3383 CONVERSION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8B-2377	BOLT (1/4-20X2-IN)	4		
2	4N-1761	BOLT (1/4-20X6.5-IN)	4		
3	9S-4191	PLUG-O-RING	1		
4	0S-1614	BOLT (1/4-20X0.5-IN)	3		
5	4F-7957	BOLT (1/4-20X0.875-IN)	8	C	
6	2S-7383	BOLT (1/4-20X3.25-IN)	1		
7	8F-8178	BOLT (1/4-20X3.25-IN)	2		
8	6B-4198	BOLT (1/4-20X4.19-IN)	2		

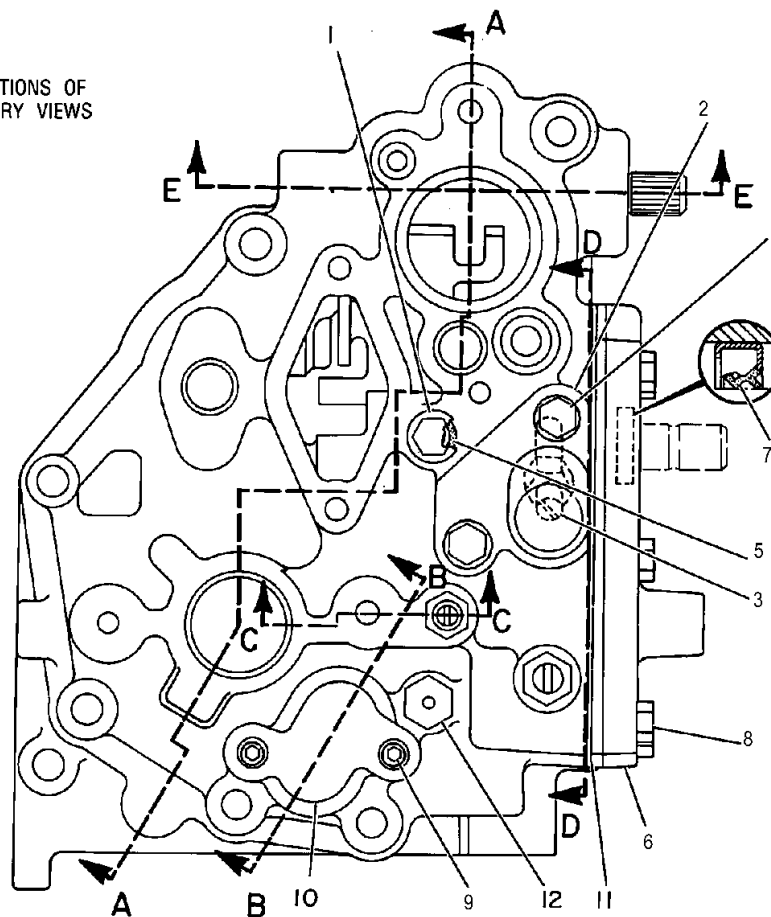
CAT codes: C.

1W-7834 GOVERNOR GP

1W-7834 GOVERNOR GP PART OF 279-3383 CONVERSION AR-ENGINE

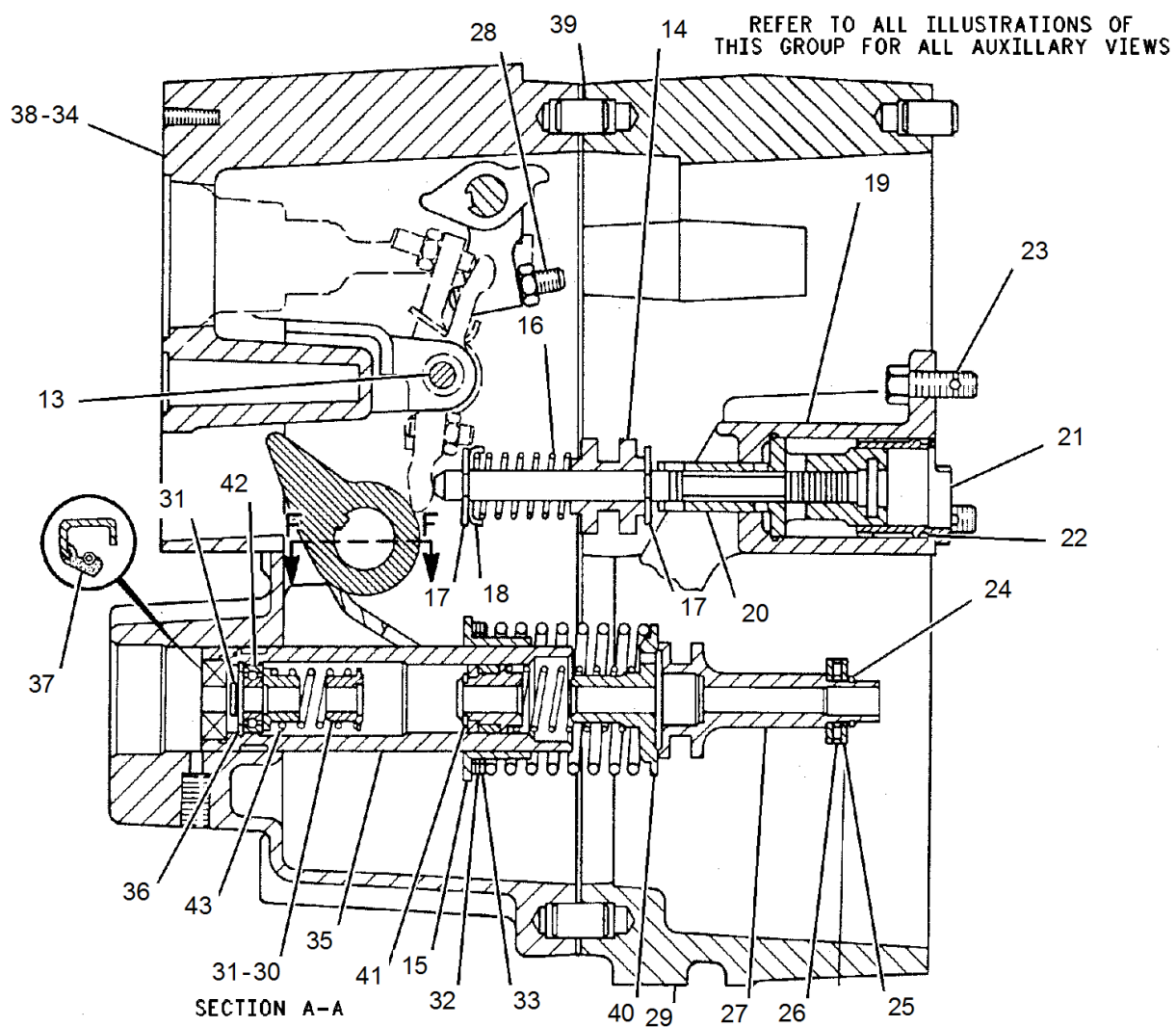
Drawing 1 of 3

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS



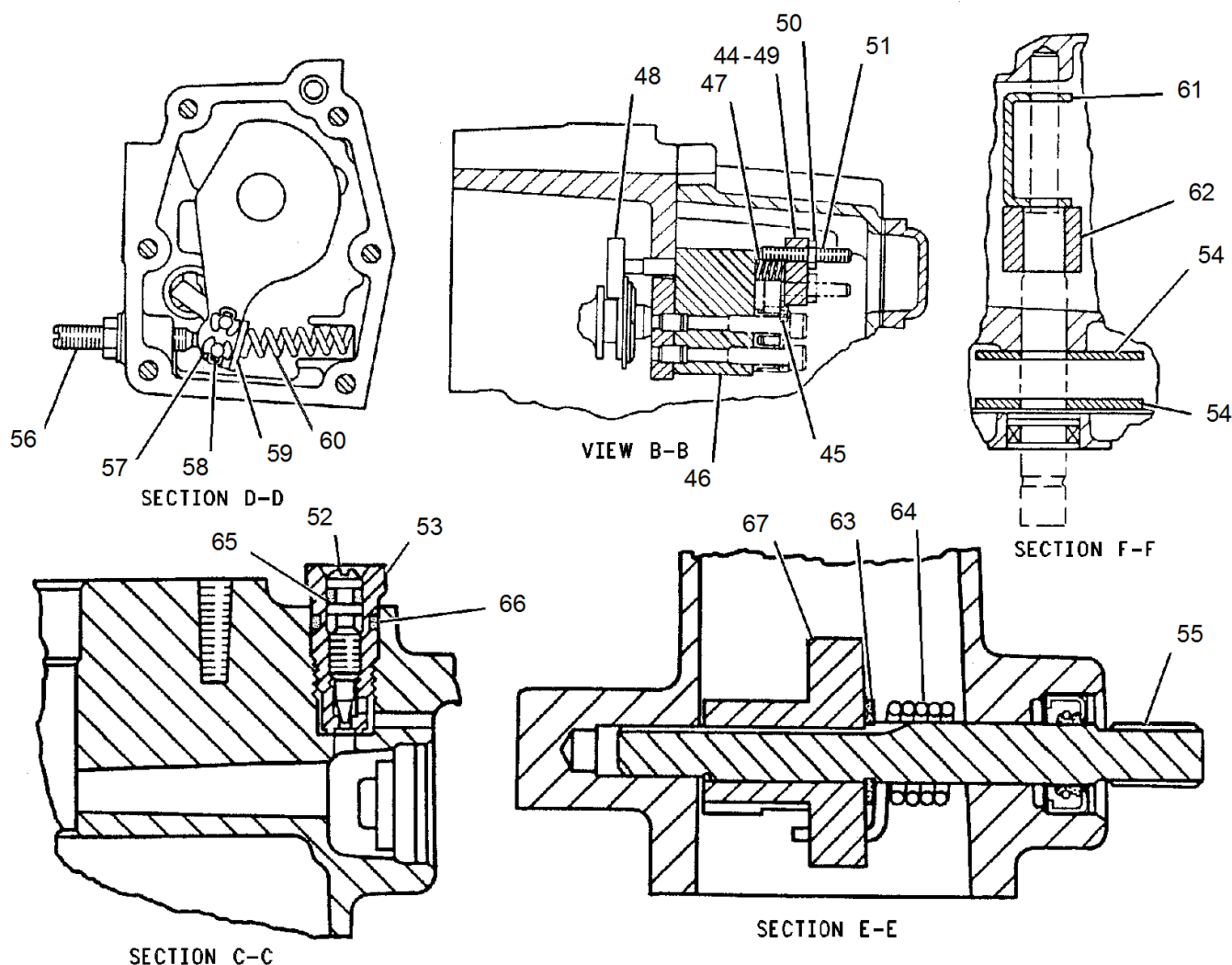
1W-7834 GOVERNOR GP (continued)

Drawing 2 of 3



1W-7834 GOVERNOR GP (continued)

Drawing 3 of 3



Ref.	Part number	Description	Qty	Code	Group page
1	1W-6523	PLUG	1	C	
2	8N-3259	COVER-HIGH IDLE	1	C	
	6I-2003	GASKET	1	C	
3	7N-2594	SETSCREW-SLOTTED	1	C	
	7N-8775	NUT-HIGH IDLE	1	C	
4	5P-6945	BOLT (1/4-20X1.125-IN)	2	C	
	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		
5	3J-7354	SEAL-O-RING	1	C	
6	7N-8780	COVER AS-CONTROL	1		
7	5P-3272	SEAL-LIP TYPE	1		
8	0S-1616	BOLT (1/4-20X1-IN)	6	C	
9	1P-2497	BOLT-HEAD	2	C	

1W-7834 GOVERNOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
	8T-0328	WASHER-HARD (5.5X10X1-MM THK)	2		
10	8N-3258	COVER-LOAD STOP	1	C	
	6I-2004	GASKET	1	C	
11	150-3728	GASKET	1	C	
12	3P-0009	INSULATOR	1	C	
13	7N-8785	SHAFT-PIVOT	1		
14	1N-3800	SLEEVE-RACK CONTROL	1		
15	6N-3504	SEAT-GOVERNOR SPRING	1		
16	2W-2216	SPRING-LINK	1		
17	2M-7819	RING-RETAINING	2		
18	1N-3802	SEAT-SPRING	2		
19	8N-2507	PISTON AS-SERVO	1		
	8N-2505	VALVE-GOVERNOR SERVO	1		
	7C-0791	CYLINDER AS	1		
	7N-7271	LEVER-CONTROL	1		
	3G-3835	PIN	1		
20	1W-4098	PISTON-GOVERNOR SERVO	1		
21	7W-0250	SLEEVE	1		
22	5P-9757	SEAL-O-RING	1		
23	031-0216	BOLT (1/4-20X0.75-IN)	3		
24	4N-2953	RING-LOCK	1		
25	7E-4892	RACE-THRUST BEARING	2		
26	7M-7219	BEARING-THRUST	1		
27	4W-6868	RISER-GOVERNOR	1		
28	7N-5334	SETSCREW-SOCKET (25.4-MM LG)	1		
	8L-5832	NUT-HEX (10-32-THD)	1	C	
29	8N-2495	HOUSING AS-GOVERNOR	1		
	8S-6814	PIN (12.7MM .5IN LG)	4		
	4F-6024	PIN (8MM .315IN LG)	2		
30	7N-7270	SLEEVE-SPRING	2		
31	7N-8821	RING-RETAINING	3		
32	2P-9556	WASHER (1.17X1.5X0.06-IN THK)	1		
33	2N-0828	WASHER	2		
34	1W-7833	HOUSING AS-GOVERNOR	1		
	7E-5346	VALVE AS	1		
	8N-3945	BUSHING-TERMINAL	1		

1W-7834 GOVERNOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
35	8N-2499	SPRING-GUIDE	1		
36	3D-8317	RING-RETAINING	1		
37	4N-0260	SEAL-LIP TYPE	1		
38	6V-5029	SEAL-LIP TYPE	1		
39	150-3730	GASKET	1		
40	8N-2503	ACTUATOR AS-GOVERNOR	1		
	4N-6407	SPOOL-DASHPOT	1		
	4N-6406	RING-SPACER	1		
41	4N-6404	RING-RETAINING	1		
42	4N-0432	BALL BEARING	1		
43	3K-5733	SPRING	1		
44	6D-3897	BOLT (8-32X0.5-IN)	1		
45	6L-5897	BOLT (1/4-20X0.875-IN)	2		
46	2W-6104	BLOCK AS-STOP	1		
	2W-6103	DOWEL	1		
47	1W-4243	SPRING-BUMPER	1		
48	8N-2488	BOLT-LOAD STOP	1		
49	8N-3256	COLLAR-LOAD STOP	1		
50	8L-5832	NUT-HEX (10-32-THD)	1	C	
51	5H-6552	SETSCREW-SOCKET (10-32X1.25-IN)	1	C	
OR alternate consist option CAT source: -OR-					
	9Y-4701	SETSCREW-SOCKET (10-32X1.38-IN)	1		
52	4N-5484	VALVE-NEEDLE	1		
53	4N-5485	BODY-VALVE	1		
54	2W-9305	PLATE-THROTTLE	1		
55	1W-6522	SHAFT-THROTTLE	1		
56	7N-2594	SETSCREW-SLOTTED	1		
	7W-4272	NUT-SEALING (5/16-18-THD)	1		
57	7N-2171	RING-RETAINING	4		
58	7N-2172	PIN	2		
59	8N-3087	STOP-IDLE DETENT	1		
60	2W-7400	SPRING	1		
61	2W-6102	LEVER-SPRING SEAT	1		
62	8N-3168	LEVER-THROTTLE	1		
63	8S-7803	RING-RETAINING	1		
64	1W-6520	SPRING	1		

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