

CATERPILLAR 5080

8SL / SEBP5594

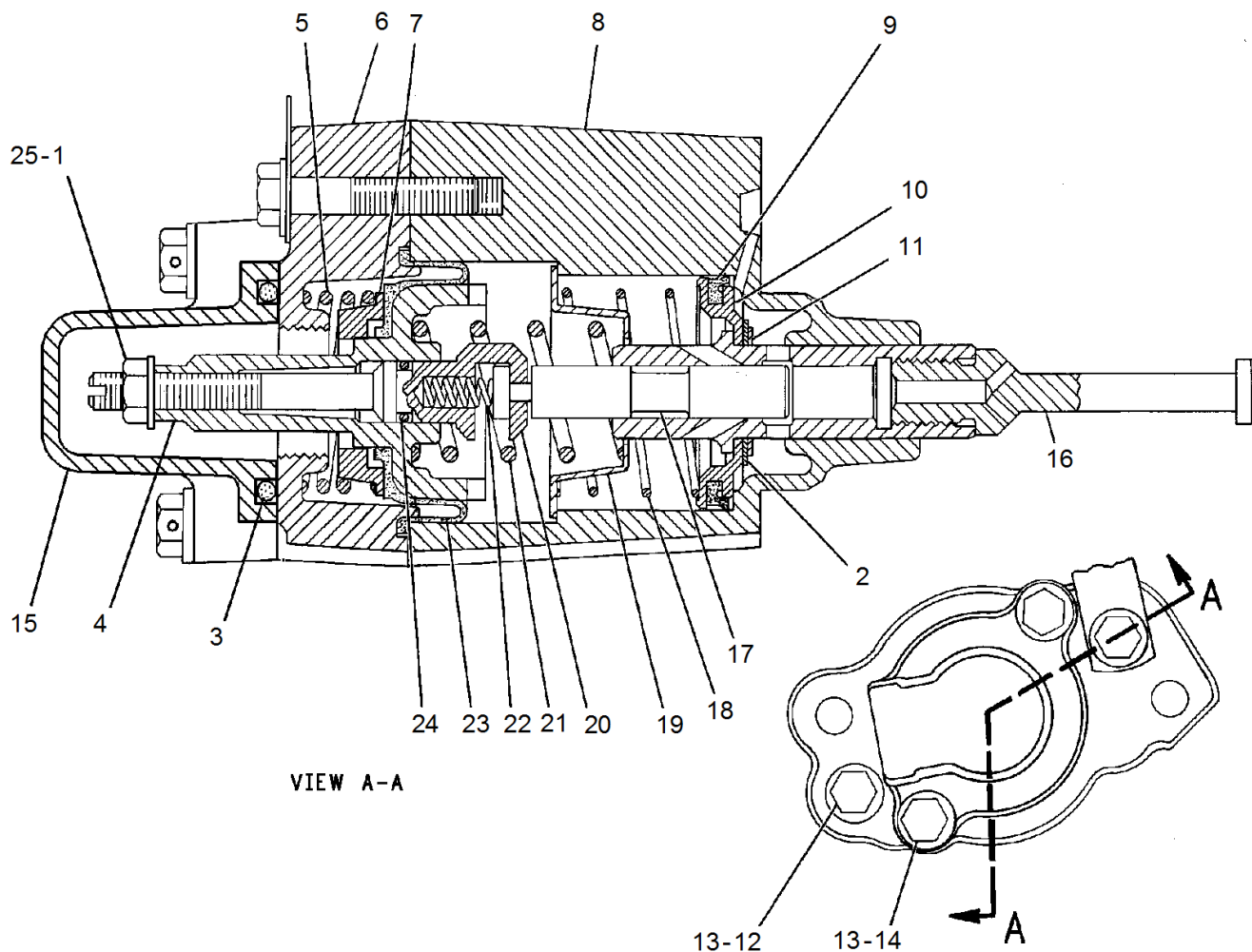
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Basic engine	

7W-2831 CONTROL GP-FUEL RATIO

7W-2831 CONTROL GP-FUEL RATIO PART OF 320-0590 CONVERSION AR-ENGINE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	9S-8748	NUT-FULL (1/4-28-THD)	1		
2	2W-9315	WASHER-SPRING	2		
3	5P-8210	SEAL-O-RING	1		
4	4W-0924	RETAINER	1		
5	7W-2826	SPRING	1		
6	4P-7275	COVER	1		
7	106-6493	WASHER	1		
8	7N-9062	HOUSING	1		
9	8N-5763	SEAL	1		
10	8N-5764	PISTON	1		
11	8F-4610	RING-RETAINING	1		
12	2A-5546	BOLT (1/4-20X1.375-IN)	2		

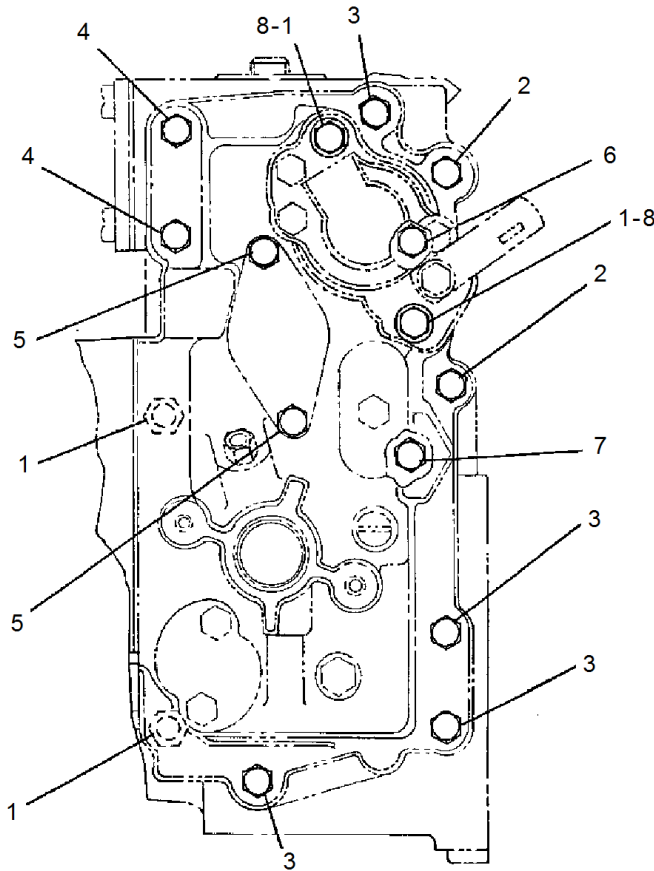
7W-2831 CONTROL GP-FUEL RATIO (continued)

Ref.	Part number	Description	Qty	Code	Group page
13	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	4		
14	5P-6945	BOLT (1/4-20X1.125-IN)	2		
15	4P-7274	COVER	1		
16	2W-9316	VALVE AS (OIL RELEASE)	1		
17	7N-9036	VALVE (OIL CONTROL)	1		
18	8N-5765	SPRING	1		
19	7N-9035	RETAINER	1		
20	7W-2015	EXTENSION-VALVE	1		
21	7W-2828	SPRING	1		
22	9N-1754	SPRING	1		
23	6I-1564	DIAPHRAGM	1		
24	3E-6760	SEAL-O-RING	1		
25	115-3358	WASHER (12.7X6.65X0.79-MM THK)	1		

9Y-4913 FASTENER GP-FUEL INJ PUMP -GOVERNOR

9Y-4913 FASTENER GP-FUEL INJ PUMP -GOVERNOR PART OF 320-0590 CONVERSION AR-ENGINE

Drawing 1 of 1

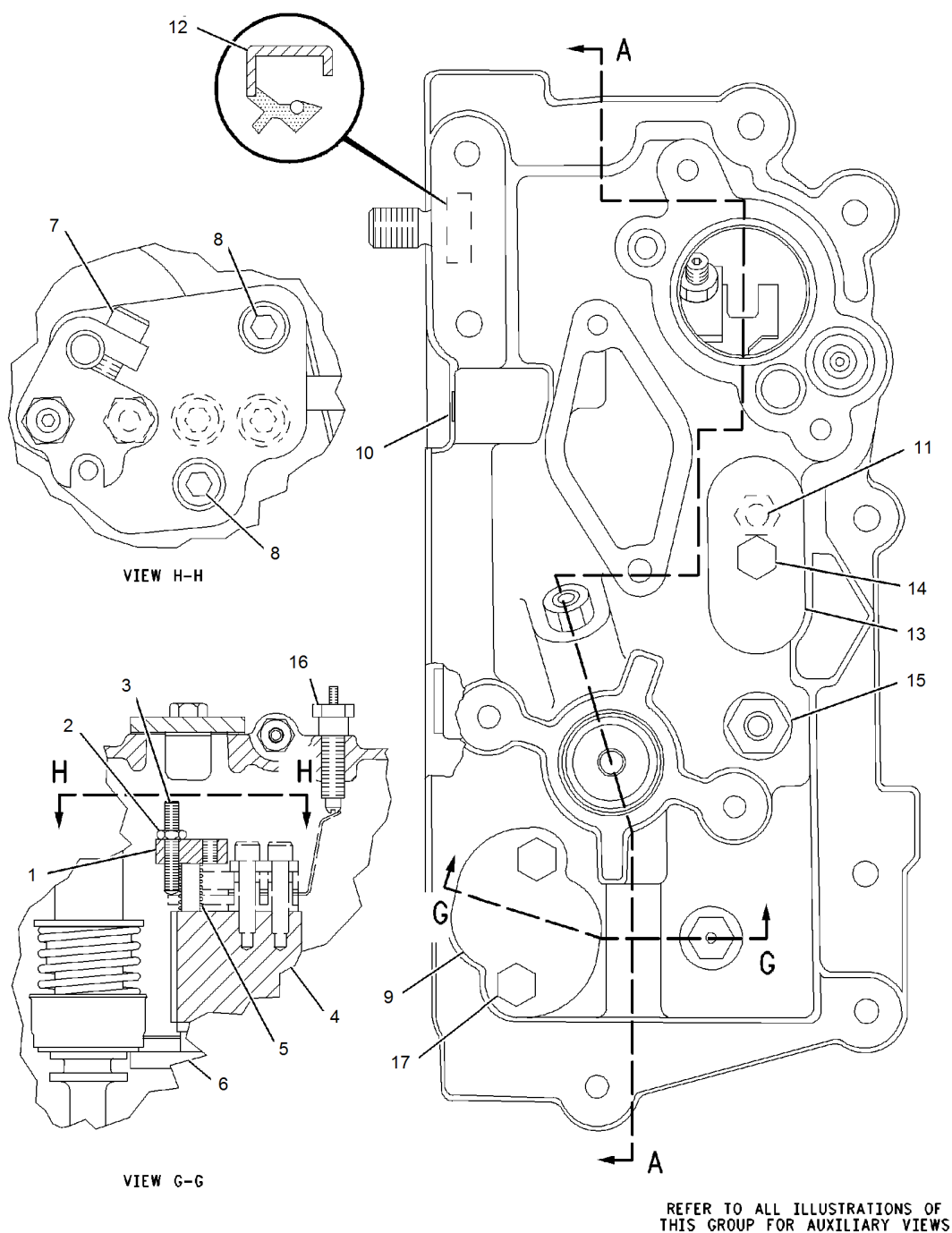


Ref.	Part number	Description	Qty	Code	Group page
1	6V-5894	BOLT (1/4-20X3.75-IN)	4		
2	7B-2742	BOLT (1/4-20X1.25-IN)	2		
3	8S-4710	BOLT (1/4-20X4-IN)	4		
4	1B-2716	BOLT (1/4-20X5-IN)	2		
5	4F-7957	BOLT (1/4-20X0.875-IN)	2		
6	8F-8178	BOLT (1/4-20X3.25-IN)	1		
7	7X-0869	BOLT-LOCKING (1/4-20X2-IN)	1		
8	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		

6I-2680 GOVERNOR GP

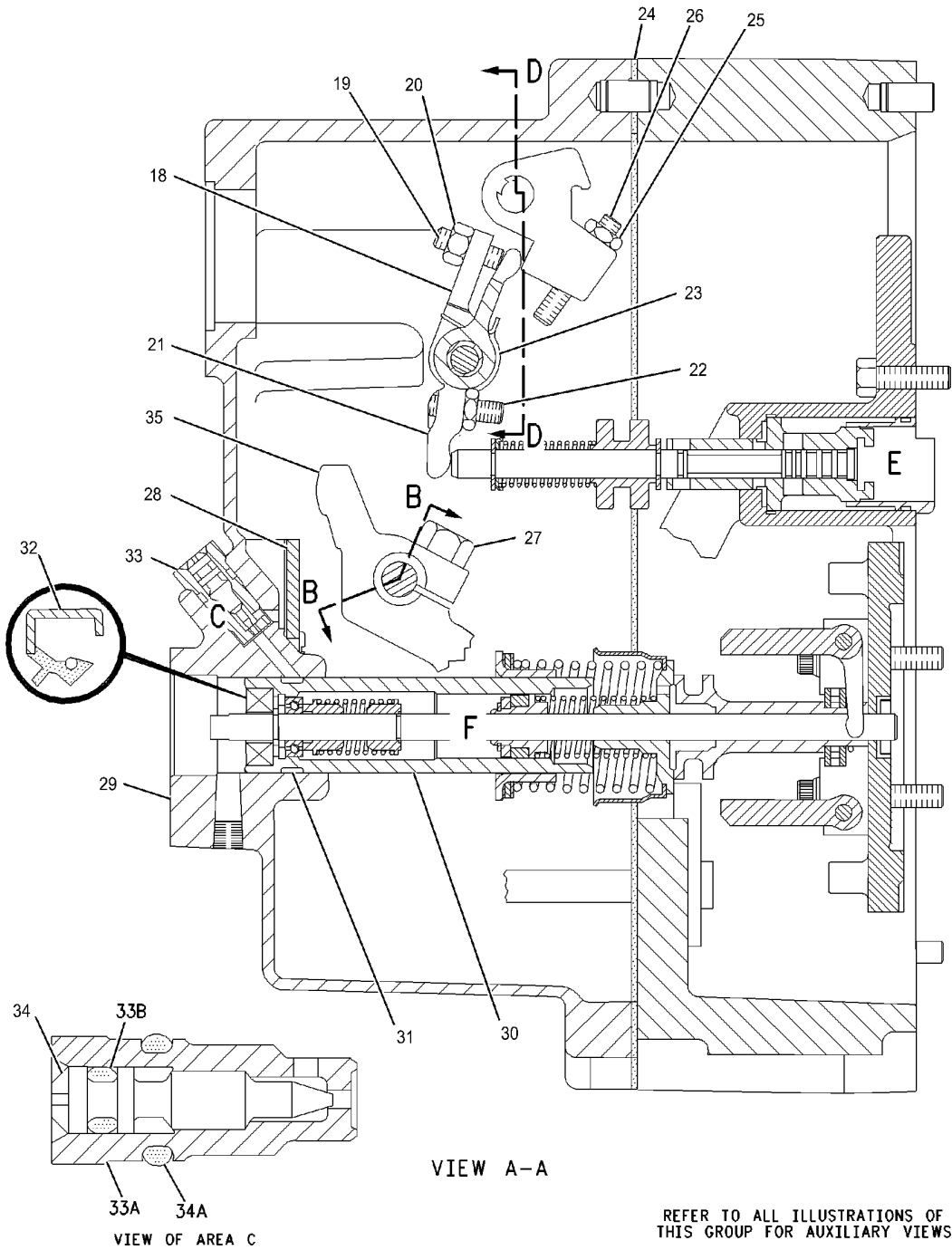
6I-2680 GOVERNOR GP PART OF 320-0590 CONVERSION AR-ENGINE

Drawing 1 of 4



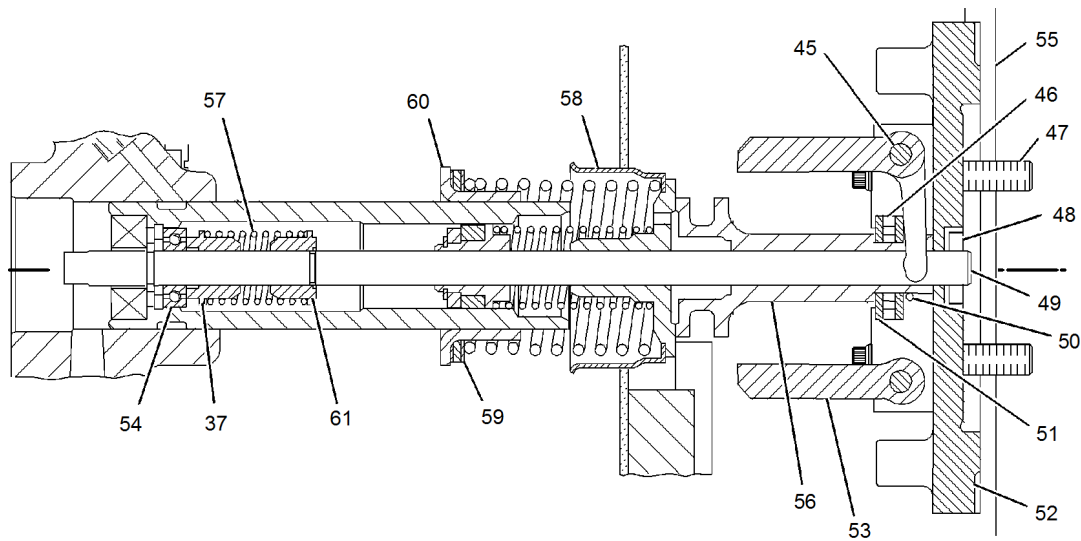
6I-2680 GOVERNOR GP (continued)

Drawing 2 of 4

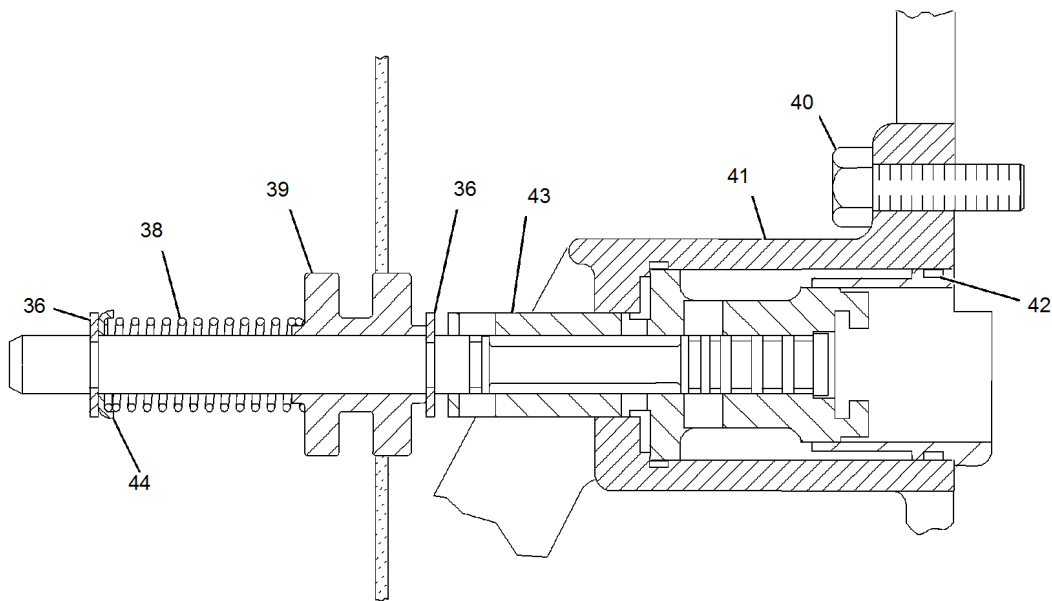


6I-2680 GOVERNOR GP (continued)

Drawing 3 of 4



ENLARGED VIEW OF AREA F

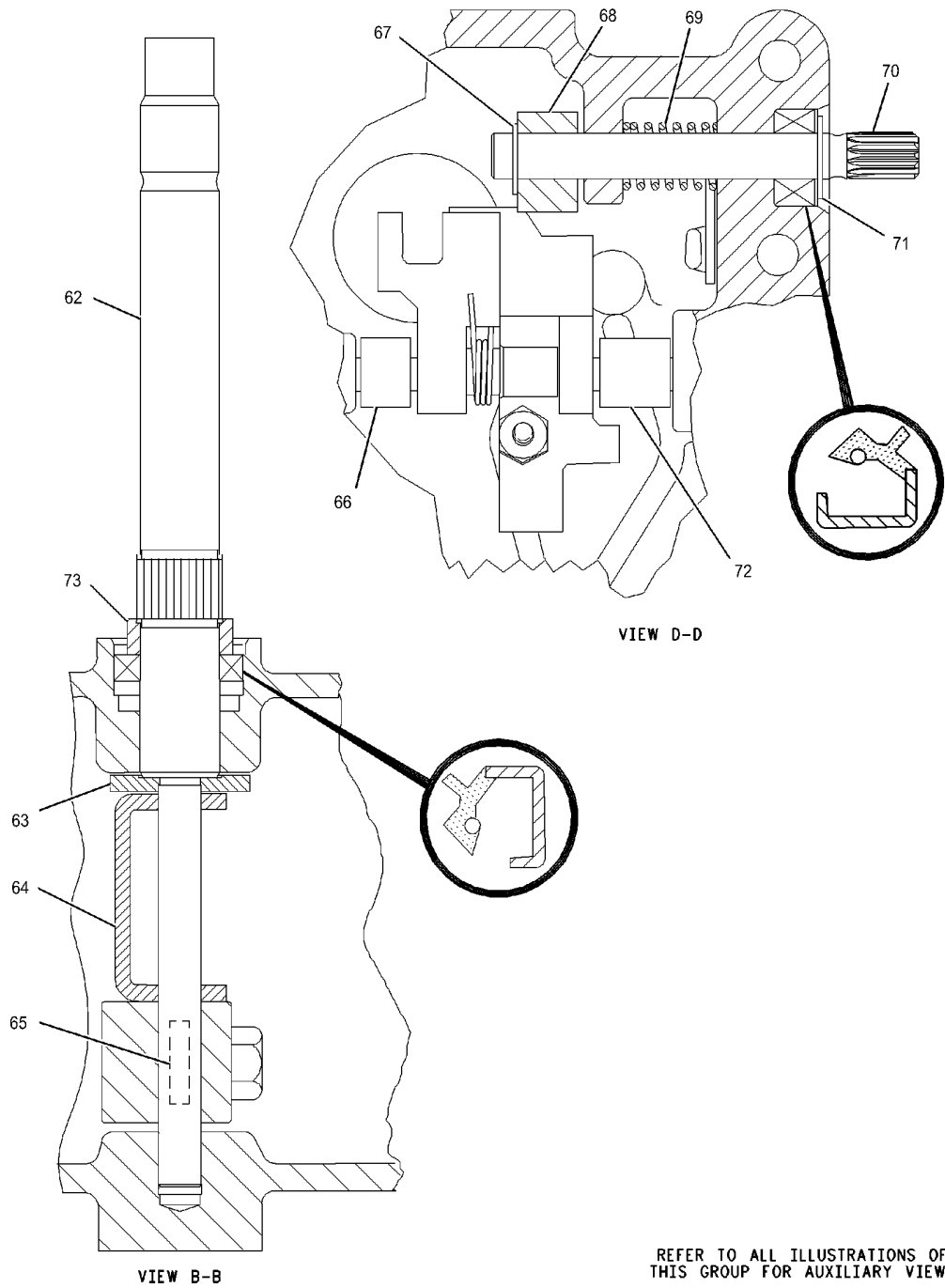


ENLARGED VIEW OF AREA E

REFER TO ALL ILLUSTRATIONS OF THIS GROUP FOR AUXILIARY VIEWS

6I-2680 GOVERNOR GP (continued)

Drawing 4 of 4



Ref.	Part number	Description	Qty	Code	Group page
1	8N-3256	COLLAR-LOAD STOP	1		
2	8L-5832	NUT-HEX (10-32-THD)	1		
3	9Y-4701	SETSCREW-SOCKET (10-32X1.38-IN)	1		
4	8N-3956	BLOCK AS-STOP	1		
	8N-3303	DOWEL	1		
5	1W-4243	SPRING-BUMPER	1		

6I-2680 GOVERNOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	7W-5836	BOLT AS-SPECIAL (STOP)	1		
7	6D-3897	BOLT (8-32X0.5-IN)	1		
8	6L-5551	BOLT-SOCKET HEAD (1/4-20X2.25-IN)	2		
9	8N-3762	COVER	1		
	144-0478	GASKET	1		
10	9S-8003	PLUG (1/2-20-THD)	2		
	1J-9671	SEAL-O-RING	2		
11	1N-3887	SETSCREW-SOCKET (5/16-18X1.5-IN)	1		
	5B-3180	NUT (5/16-18-THD)	1		
12	6V-5029	SEAL-LIP TYPE	1		
13	1N-3935	COVER	1		
	144-0479	GASKET-COVER (IDLE-SPEED ADJ)	1		
14	4N-8445	BOLT (1/4-20X1.25-IN)	1		
15	7N-2594	SETSCREW-SLOTTED	1		
	7W-4272	NUT-SEALING (5/16-18-THD)	1		
16	3P-0009	INSULATOR	1		
17	0S-1347	BOLT (1/4-20X0.75-IN)	2		
18	4W-5735	LEVER AS-PIVOT	1		
19	6V-6835	SETSCREW-SOCKET (10-32X0.625-IN)	1		
20	4B-2049	NUT (10-32-THD)	1		
21	4W-5734	LEVER AS	1		
22	6V-6835	SETSCREW-SOCKET (10-32X0.625-IN)	1		
	4B-2049	NUT (10-32-THD)	1		
23	4N-5621	SHAFT-SHUTOFF	1		
24	144-0480	GASKET	1		
25	8L-5832	NUT-HEX (10-32-THD)	1		
26	5H-6552	SETSCREW-SOCKET (10-32X1.25-IN)	1		
27	0S-1588	BOLT (3/8-16X1.25-IN)	1		
28	8N-3760	COVER	1		
	8N-3761	GASKET	1		
	030-9615	SCREW-NYLOK	4		
29	7W-7545	HOUSING AS-GOVERNOR	1		
	8T-2604	SEAL-LIP TYPE	1		
	9S-4180	PLUG	1		
	4J-7533	SEAL-O-RING	1		
30	8N-2499	SPRING-GUIDE	1		

6I-2680 GOVERNOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
31	3D-8317	RING-RETAINING	1		
32	4N-0260	SEAL-LIP TYPE	1		
33	9A-7377	VALVE AS-NEEDLE	1		
33A	4N-5485	BODY-VALVE	1		
33B	5F-9144	SEAL-O-RING	1		
34	4N-5484	VALVE-NEEDLE	1		
34A	6H-9691	SEAL-O-RING	1		
35	1W-5342	LEVER-SHUTOFF	1		
36	2M-7819	RING-RETAINING	2		
37	7N-7270	SLEEVE-SPRING	2		
38	2W-2216	SPRING-LINK	1		
39	1N-3800	SLEEVE-RACK CONTROL	1		
40	031-0216	BOLT (1/4-20X0.75-IN)	3		
41	8N-9678	PISTON GP-GOVERNOR SERVO	1		
	7C-0790	CYLINDER AS	1		
	8N-3757	LEVER-CONTROL	1		
	3G-3835	PIN	1		
	8N-2505	VALVE-GOVERNOR SERVO	1		
42	5P-9757	SEAL-O-RING	1		
43	1W-4098	PISTON-GOVERNOR SERVO	1		
44	1N-3802	SEAT-SPRING	1		
45	1S-5440	DOWEL	4		
46	7M-7219	BEARING-THRUST	1		
47	9Y-7037	BOLT (1/4-20X1.25-IN)	4		
48	4N-9019	DOWEL	1		
49	8N-2510	SHAFT-WEIGHT CARRIER	1		
50	4N-2953	RING-LOCK	1		
51	133-8890	RACE-NEEDLE BEARING	2		
52	7E-3986	CARRIER-WEIGHT	1		
53	119-8699	WEIGHT-GOVERNOR	4		
54	4N-0432	BALL BEARING	1		
55	8N-9680	HOUSING AS-GOVERNOR	1		
	8S-6814	PIN (LONG)	4		
	4F-6024	PIN (SHORT)	2		
56	4W-6868	RISER-GOVERNOR	1		
57	3K-5733	SPRING	1		

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