

CATERPILLAR 330-A

9NG / SEBP6120

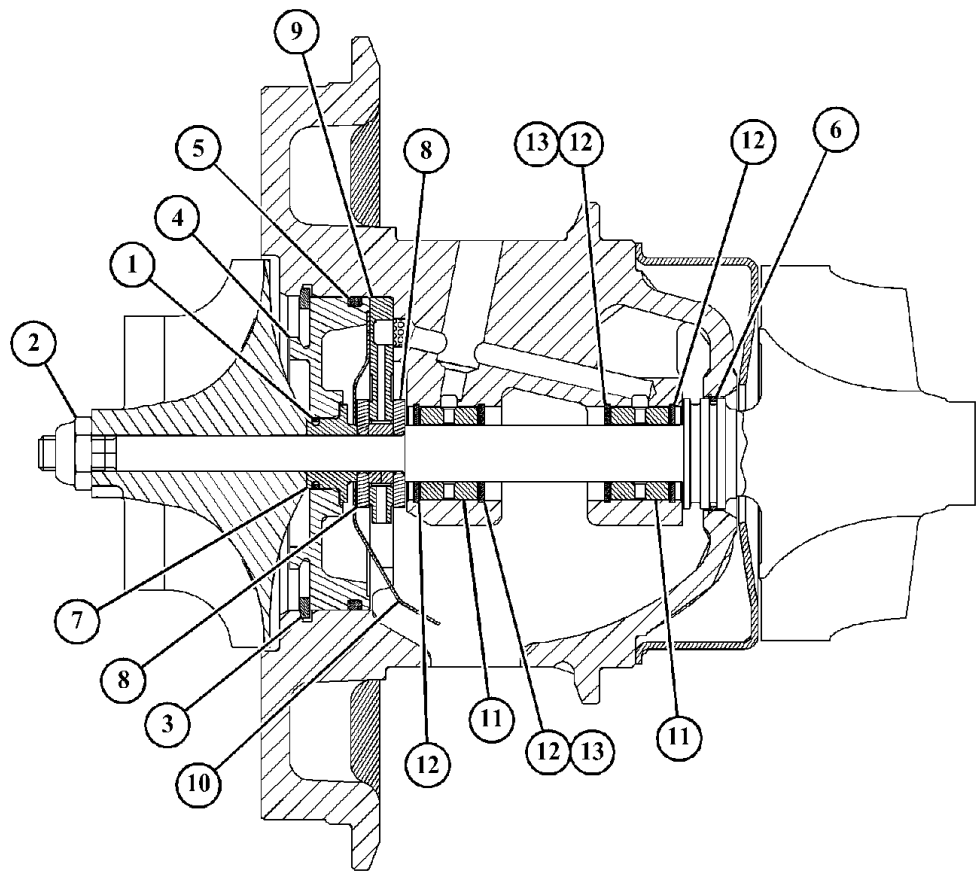
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Air inlet and exhaust	
Basic engine	
Basic engine	

219-1909 CARTRIDGE GP-TURBOCHARGER

219-1909 CARTRIDGE GP-TURBOCHARGER PART OF 176-0389 TURBOCHARGER GP

Drawing 1 of 1

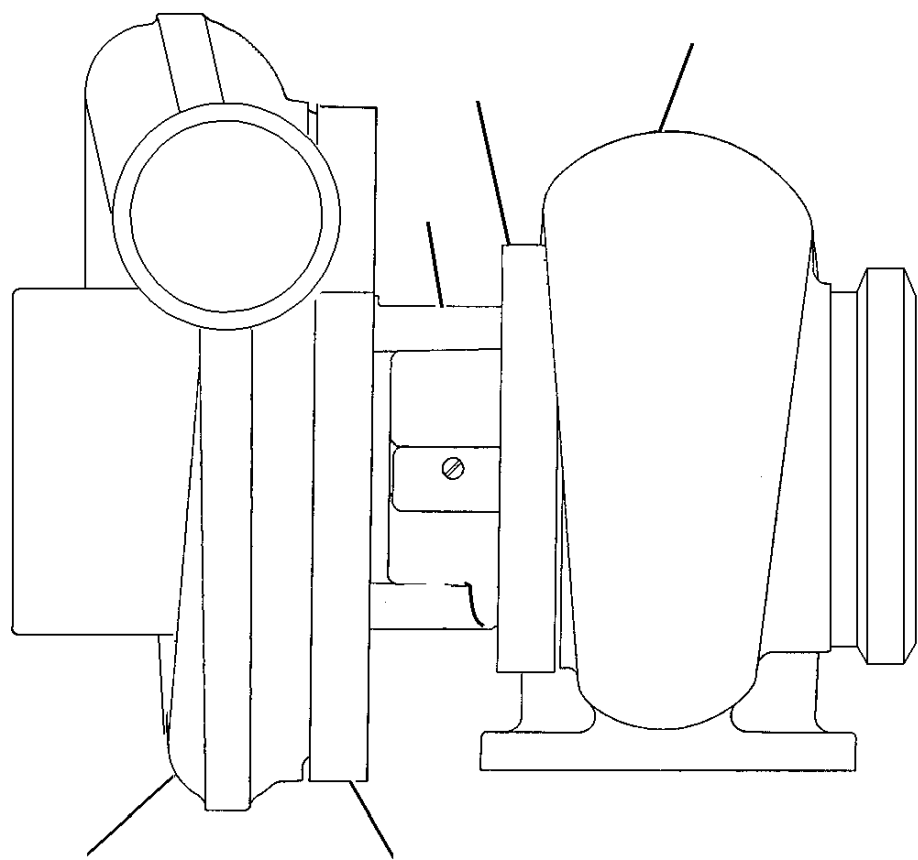


Ref.	Part number	Description	Qty	Code	Group page
1	4W-7354	RING-SEAL	1		
2	113-9330	NUT-COMPRESSOR	1		
3	5S-4546	RING-RETAINING	1		
4	7C-9539	INSERT	1		
5	4P-9808	SEAL-O-RING	1		
6	219-1937	PISTON-SEAL	1		
7	7C-9541	SLEEVE-FLINGER	1		
8	7C-9535	RING-THRUST	2		
9	4P-9809	BEARING-THRUST	1		
10	7C-9540	DEFLECTOR-OIL	1		
11	4P-9806	BEARING	2		
12	4P-9807	RING-RETAINING	4		
13	510-3714	WASHER	2		

176-0389 TURBOCHARGER GP

176-0389 TURBOCHARGER GP PART OF 284-3289 CONVERSION AR-ENGINE

Drawing 1 of 1



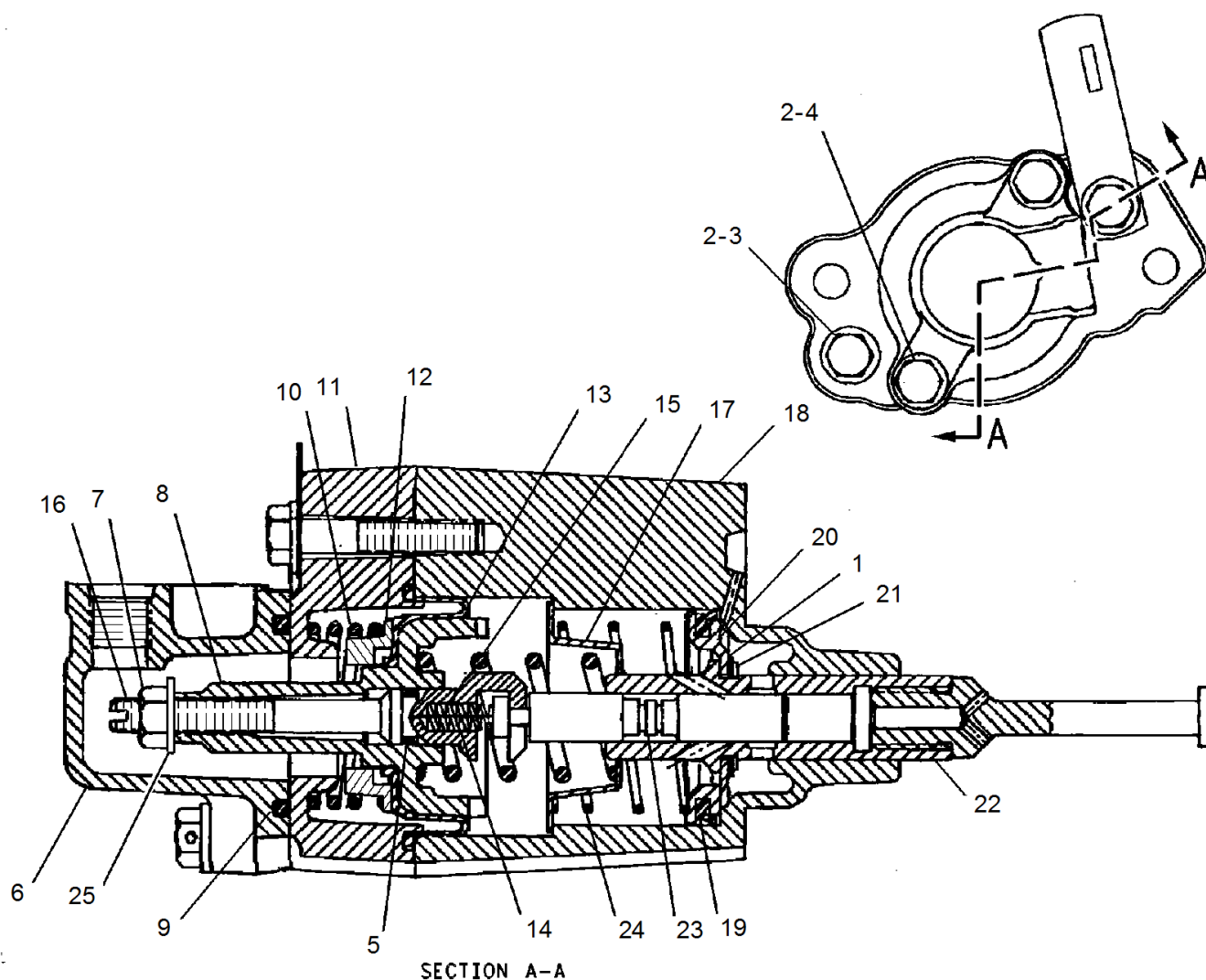
Ref.	Part number	Description	Qty	Code	Group page
1	219-1909	CARTRIDGE GP-TURBOCHARGER	1	Y	
2	7C-9538	CLAMP AS-COMPRESSOR	1		
3	7C-9532	CLAMP AS (TURBINE)	1		
6	102-1720	HOUSING AS-TURBINE	1		
7	113-8317	COVER-COMPRESSOR	1		

CAT codes: R, Y.

111-5162 CONTROL GP-FUEL RATIO

111-5162 CONTROL GP-FUEL RATIO PART OF 284-3289 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		

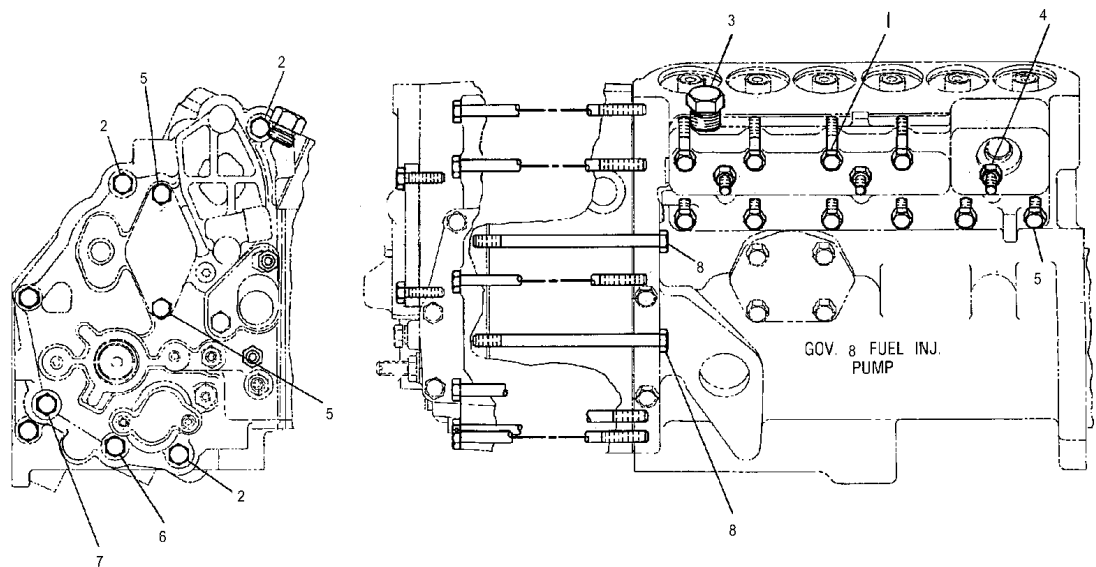
111-5162 CONTROL GP-FUEL RATIO (continued)

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	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 284-3289 CONVERSION AR-ENGINE

Drawing 1 of 1



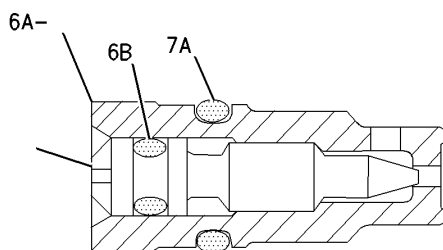
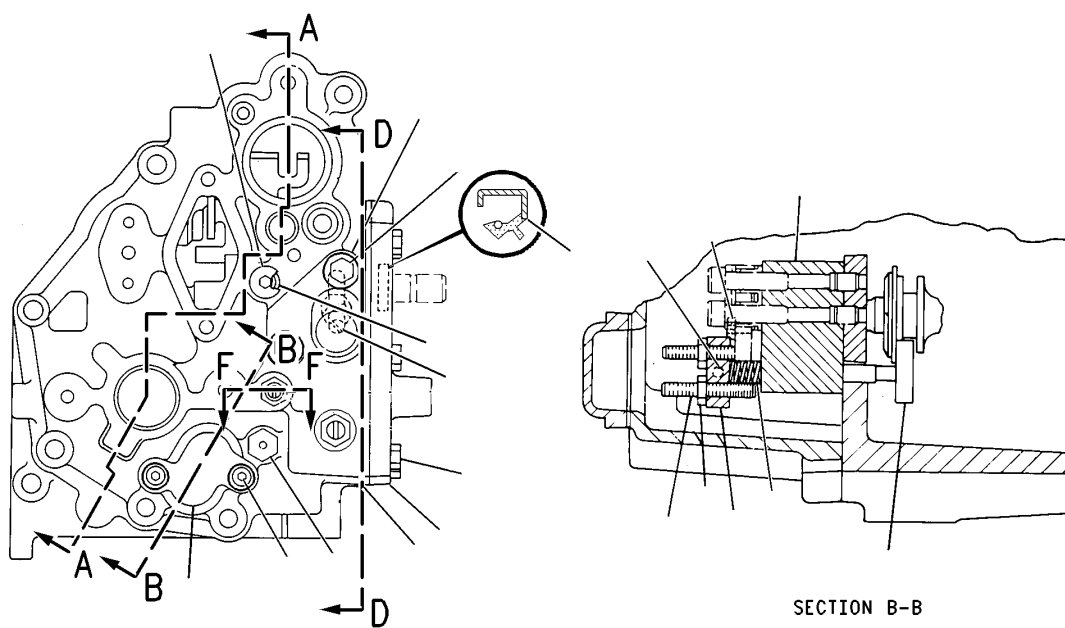
Ref.	Part number	Description	Qty	Code	Group page
1	8B-2377	BOLT (1/4-20X2-IN)	4		
2	4N-1761	BOLT (1/4-20X6.5-IN)	4		
3	9S-4191	PLUG (9/16-18-THD)	1		
4	0S-1614	BOLT (1/4-20X0.5-IN)	3		
5	4F-7957	BOLT (1/4-20X0.875-IN)	8	C	
6	2S-7383	BOLT (1/4-20X3.25-IN)	1		
7	8F-8178	BOLT (1/4-20X3.25-IN)	2		
8	6B-4198	BOLT (1/4-20X4.19-IN)	2		

CAT codes: C.

2W-2410 GOVERNOR GP

2W-2410 GOVERNOR GP PART OF 284-3289 CONVERSION AR-ENGINE

Drawing 1 of 3

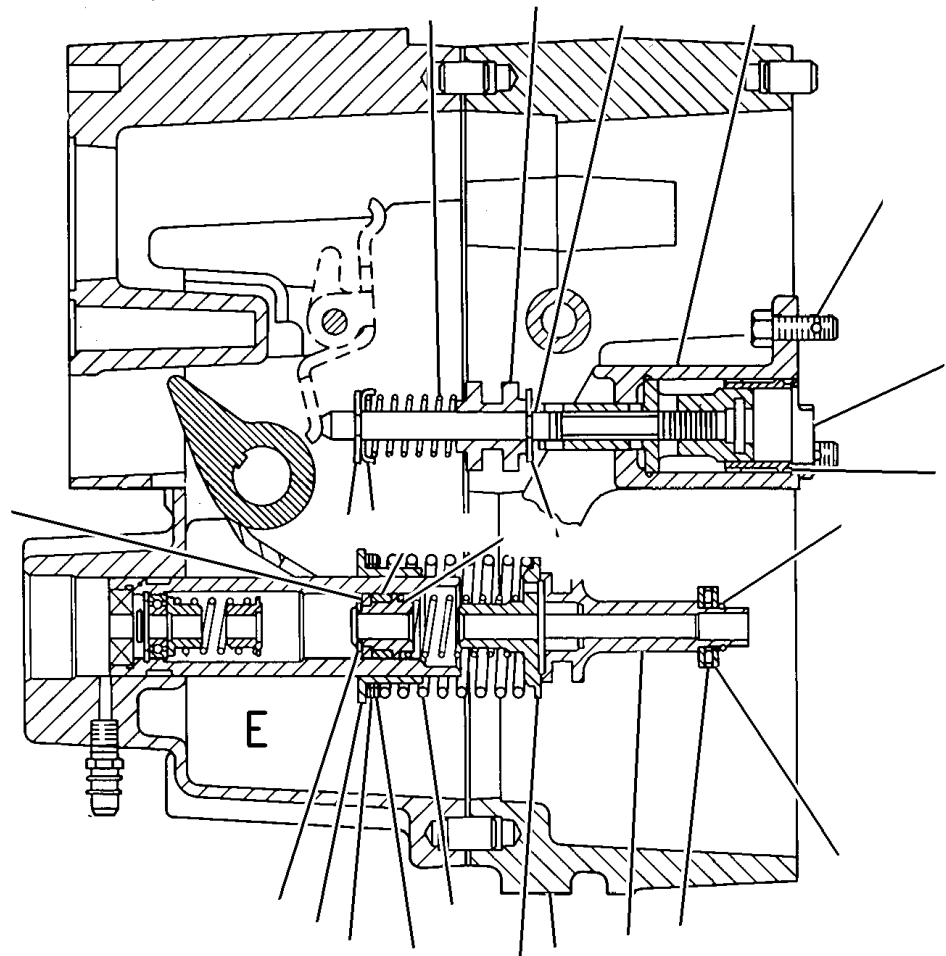


SECTION F-F

REFER TO ALL ILLUSTRATIONS OF
THIS GROUP FOR AUXILIARY VIEWS

2W-2410 GOVERNOR GP (continued)

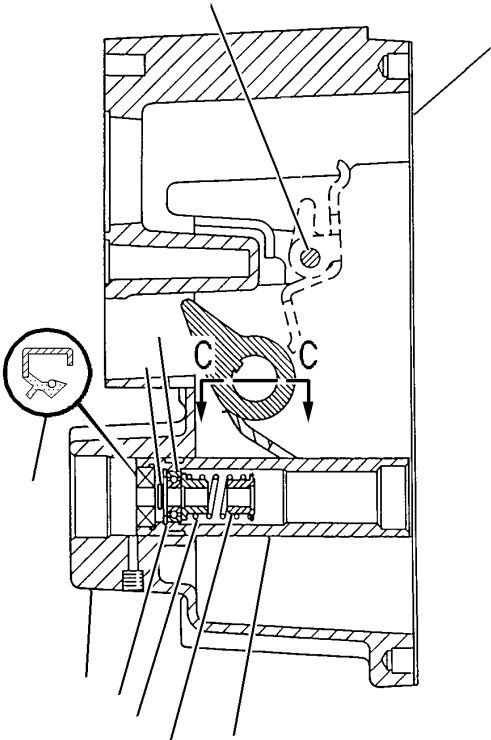
Drawing 2 of 3



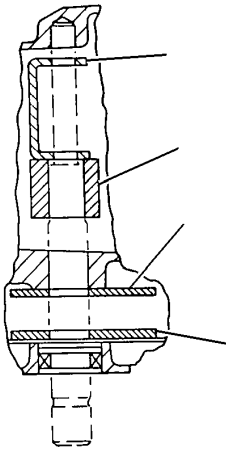
SECTION A-A

2W-2410 GOVERNOR GP (continued)

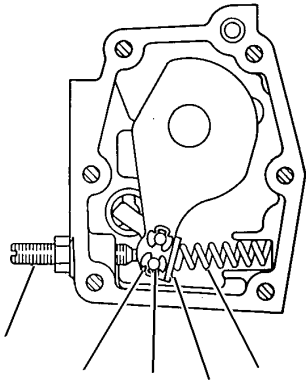
Drawing 3 of 3



VIEW OF AREA E



SECTION C-C



SECTION D-D

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	

2W-2410 GOVERNOR GP (continued)

Ref.	Part number	Description	Qty	Code	Group page
	5P-0537	WASHER-HARD (7.2X14.5X2-MM THK)	2		
5	3J-7354	SEAL-O-RING	1	C	
6	9A-7377	VALVE AS-NEEDLE	1		
6A	4N-5485	BODY-VALVE	1	C	
6B	5F-9144	SEAL-O-RING	1	C	
7	4N-5484	VALVE-NEEDLE	1	C	
7A	6H-9691	SEAL-O-RING	1	C	
8	0S-1616	BOLT (1/4-20X1-IN)	6	C	
9	7N-8780	COVER AS-CONTROL	1	C	
10	138-9507	SEAL-LIP TYPE	1	C	
11	150-3728	GASKET	1	C	
12	3P-0009	INSULATOR	1	C	
13	1P-2497	BOLT-HEAD (10-24X1-IN)	2	C	
	8T-0328	WASHER-HARD (5.5X10X1-MM THK)	2		
14	8N-3258	COVER-LOAD STOP	1	C	
	6I-2004	GASKET	1	C	
15	6D-3897	BOLT (8-32X0.5-IN)	1		
16	6L-5897	BOLT (1/4-20X0.875-IN)	2		
17	2W-6104	BLOCK AS-STOP	1		
	2W-6103	DOWEL	1		
18	1W-4243	SPRING-BUMPER	1		
19	8N-2488	BOLT-LOAD STOP	1		
20	8N-3256	COLLAR-LOAD STOP	1		
21	8L-5832	NUT-HEX (10-32-THD)	1		
22	9Y-4701	SETSCREW-SOCKET (10-32X1.38-IN)	1		
23	2P-9556	WASHER (1.17X1.5X0.06-IN THK)	1		
24	1N-3800	SLEEVE-RACK CONTROL	1		
25	6N-3504	SEAT-GOVERNOR SPRING	1		
26	2W-2216	SPRING-LINK	1		
27	2M-7819	RING-RETAINING	2		
28	1N-3802	SEAT-SPRING	1		
29	8N-2507	PISTON AS-SERVO	1		
	7C-0791	CYLINDER AS	1		
29A	8N-2505	VALVE-GOVERNOR SERVO	1		
29B	7W-0250	SLEEVE	1	C	
29C	5P-9757	SEAL-O-RING	1		

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