

CATERPILLAR 213

3ZC / HEBP1511

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7W-4500 ENGINE AR

7W4500 ENGINE AR-PRIMARY S/N 3ZC1-UP FOR USE WITH TRACK TYPE EXCAVATOR

Arrangement composition. Follow the table links to the component drawings.

Ref.	Part number	Description	Qty	Code	Group page
	7W-4531	AID GP-STARTING	1	Y	
	7W-4530	ALTERNATOR GP	1	Y	4, 6
	7W-4504	CAMSHAFT GP	1	Y	9
	7W-4508	COVER GP-VALVE MECHANISM	1	Y	
	7W-4502	CRANKSHAFT GP	1	Y	10
OR alternate consist option CAT source: -OR-					
	7C-8943	CRANKSHAFT GP	1	Y	
	7W-4501	CYLINDER BLOCK GP	1	Y	,
	7W-4505	CYLINDER HEAD GP	1	Y	
	7W-4523	DISPOSAL GP-FUMES	1	Y	
	7W-4512	DRIVE GP-AUXILIARY	1	Y	8
	7W-4518	FILTER GP-ENGINE OIL	1	Y	
	7W-4529	FILTER GP-FUEL	1	Y	
	7W-1141	FLYWHEEL GP	1	Y	
	7W-4516	GAUGE GP-ENGINE OIL	1	Y	
	7W-4510	GEAR GP-FRONT IDLER	1	Y	
	7W-4513	HOUSING GP-FLYWHEEL	1	Y	
	7W-4509	HOUSING GP-FRONT	1	Y	
	7W-4507	LIFTING GP	1	Y	
	7W-4517	LINES GP-ENGINE OIL	1	Y	
	7W-4527	LINES GP-FUEL FILTER	1	Y	
	7W-4526	LINES GP-FUEL INJECTION	1	Y	
OR alternate consist option CAT source: -OR-					
	7C-8945	LINES GP-FUEL INJECTION	1	Y	
	7W-4520	LINES GP-WATER	1	Y	
	7W-4522	MANIFOLD GP-EXHAUST	1	Y	
	7W-4524	MANIFOLD GP-INLET	1	Y	
	7W-4532	MOTOR GP-ELECTRIC STARTING	1	Y	
	7W-4534	MOUNTING GP-ENGINE	1	Y	
	7W-7183	MOUNTING GP-FAN	1	Y	
	7W-4515	PAN GP-OIL	1	Y	
	7W-4511	PULLEY GP-CRANKSHAFT	1	Y	
	7W-4519	PUMP GP-ENGINE OIL	1	Y	

7W-4500 ENGINE AR (continued)

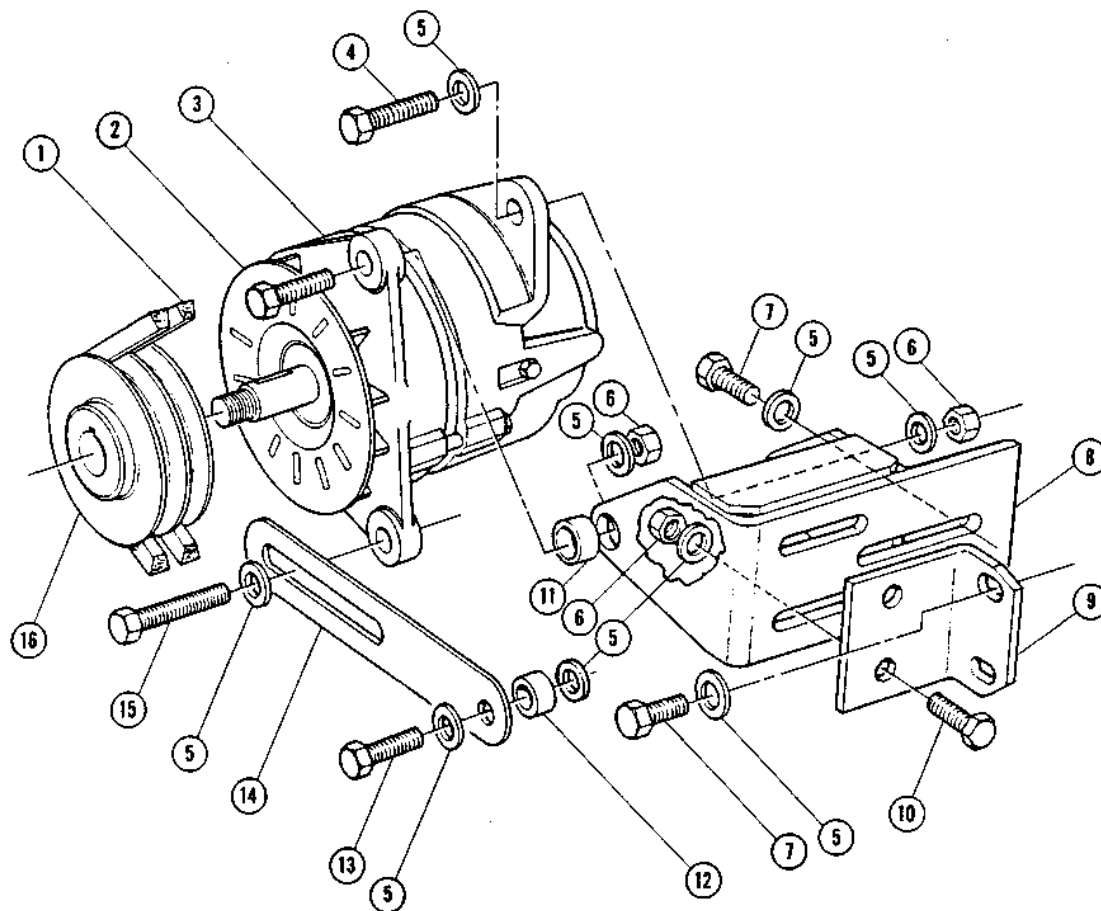
Ref.	Part number	Description	Qty	Code	Group page
	7W-4528	PUMP GP-FUEL	1	Y	
	7W-4525	PUMP GP-FUEL INJECTION	1	Y	
	7W-4521	PUMP GP-WATER	1	Y	
	7W-4503	ROD & PISTON GP	1	Y	
	7W-4506	VALVE MECHANISM GP	1	Y	
THE FOLLOWING SERVICE REPAIR GROUP &					
KITS ARE AVAILABLE:					
	7W-4535	CYLINDER BLOCK GP-SHORT	1		
	7W-4536	GASKETKIT, TOP	1		
	7W-4537	GASKET KIT, BOTTOM	1		

CAT codes: Y.

7W-4530 ALTERNATOR GP-CHARGING

7W4530 ALTERNATOR GP TYPE 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5L-3308	V-BELT SET	1		
2	067-6330	BOLT	1		
3	7W-2599	ALTERNATOR	1		
4	033-7650	BOLT	1		
5	9M-1974	WASHER	11		
6	9S-8751	NUT-FULL	4		
7	4B-9883	BOLT	3		
8	7W-4698	BRACKET-ALTERNATOR	1		
9	7W-4697	BRACKET-ALTERNATOR	1		
10	2H-3737	BOLT	2		
11	1N-3361	SPACER	1		
12	4V-6698	SPACER	1		
13	1B-0581	BOLT	1		

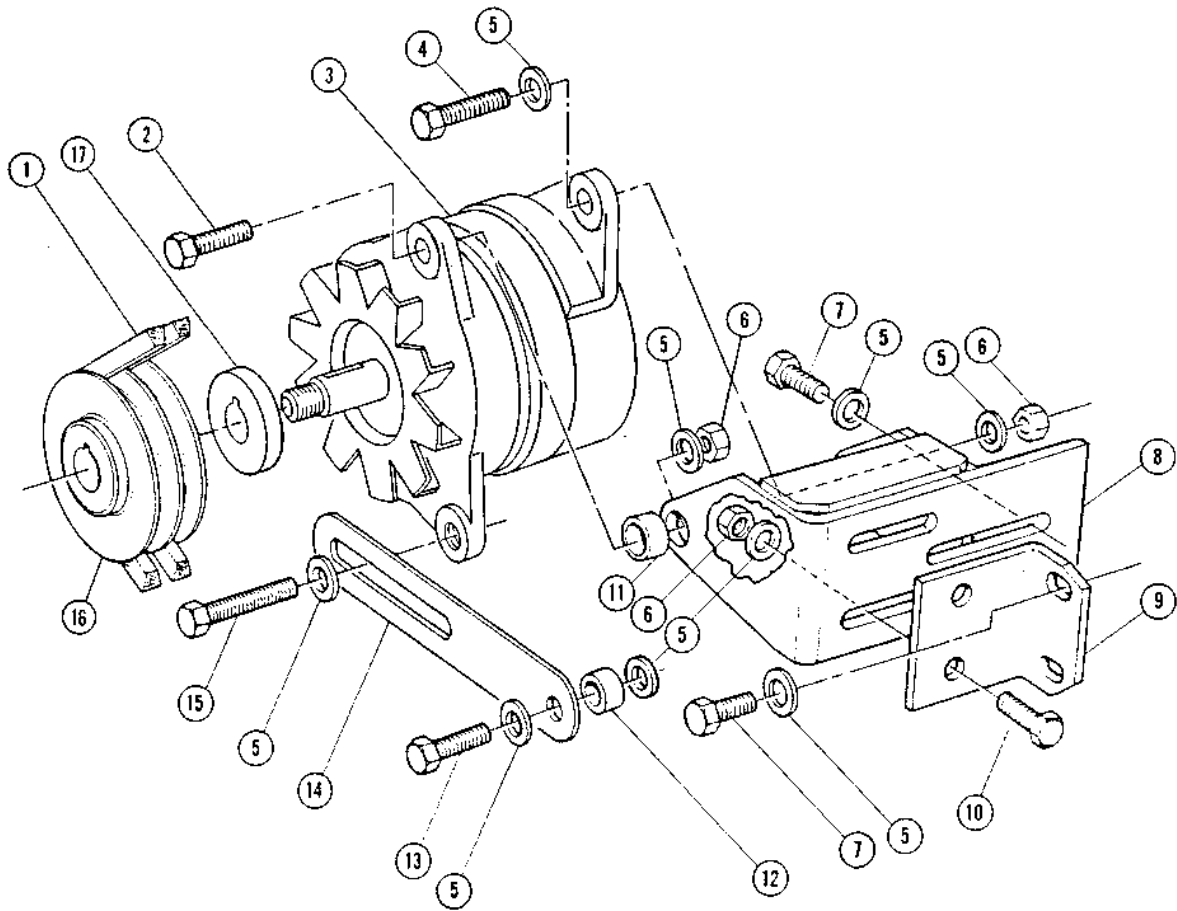
7W-4530 ALTERNATOR GP-CHARGING (continued)

Ref.	Part number	Description	Qty	Code	Group page
14	7W-4699	LEVER-ADJUSTING	1		
15	6V-3940	BOLT	1		
16	7W-4804	PULLEY-ALTERNATOR	1		

7W-4530 ALTERNATOR GP-CHARGING

7W4530 ALTERNATOR GP TYPE 2

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5L-3308	V-BELT SET	1		
2	067-6330	BOLT	1		
3	7C-2222	ALTERNATOR	1		
4	033-7650	BOLT	1		
5	9M-1974	WASHER	11		
6	9S-8751	NUT	4		
7	4B-9883	BOLT	3		
8	7W-4698	BRACKET	1		
9	7W-4697	BRACKET	1		
10	2H-3737	BOLT	2		
11	1N-3361	SPACER	1		
12	7C-2218	SPACER	1		
13	032-9047	BOLT	1		
14	7W-4699	LEVER	1		

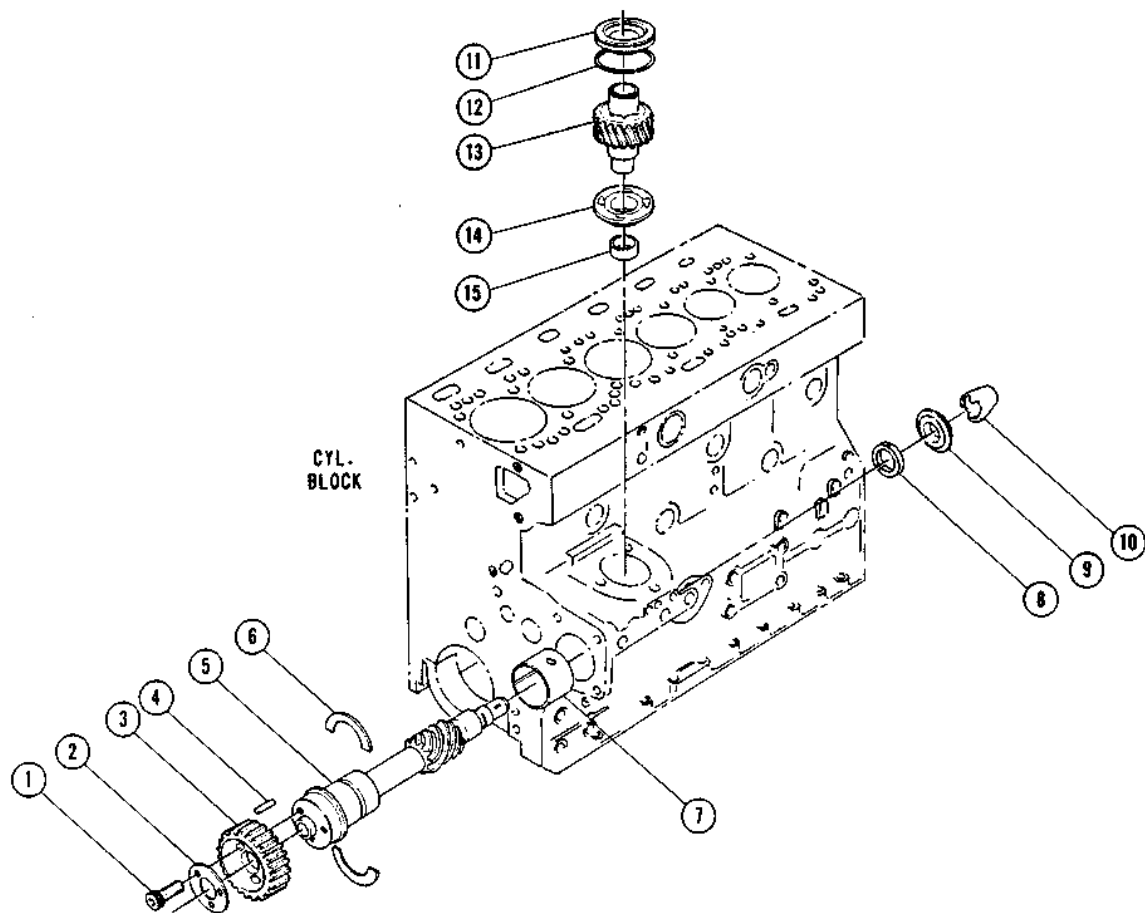
7W-4530 ALTERNATOR GP-CHARGING (continued)

Ref.	Part number	Description	Qty	Code	Group page
15	6V-3940	BOLT	1		
16	7C-2220	PULLEY	1		
17	7C-2219	SPACER	1		

7W-4512 DRIVE GP-AUXILIARY

7W4512 DRIVE GP-AUXILIARY

Drawing 1 of 1

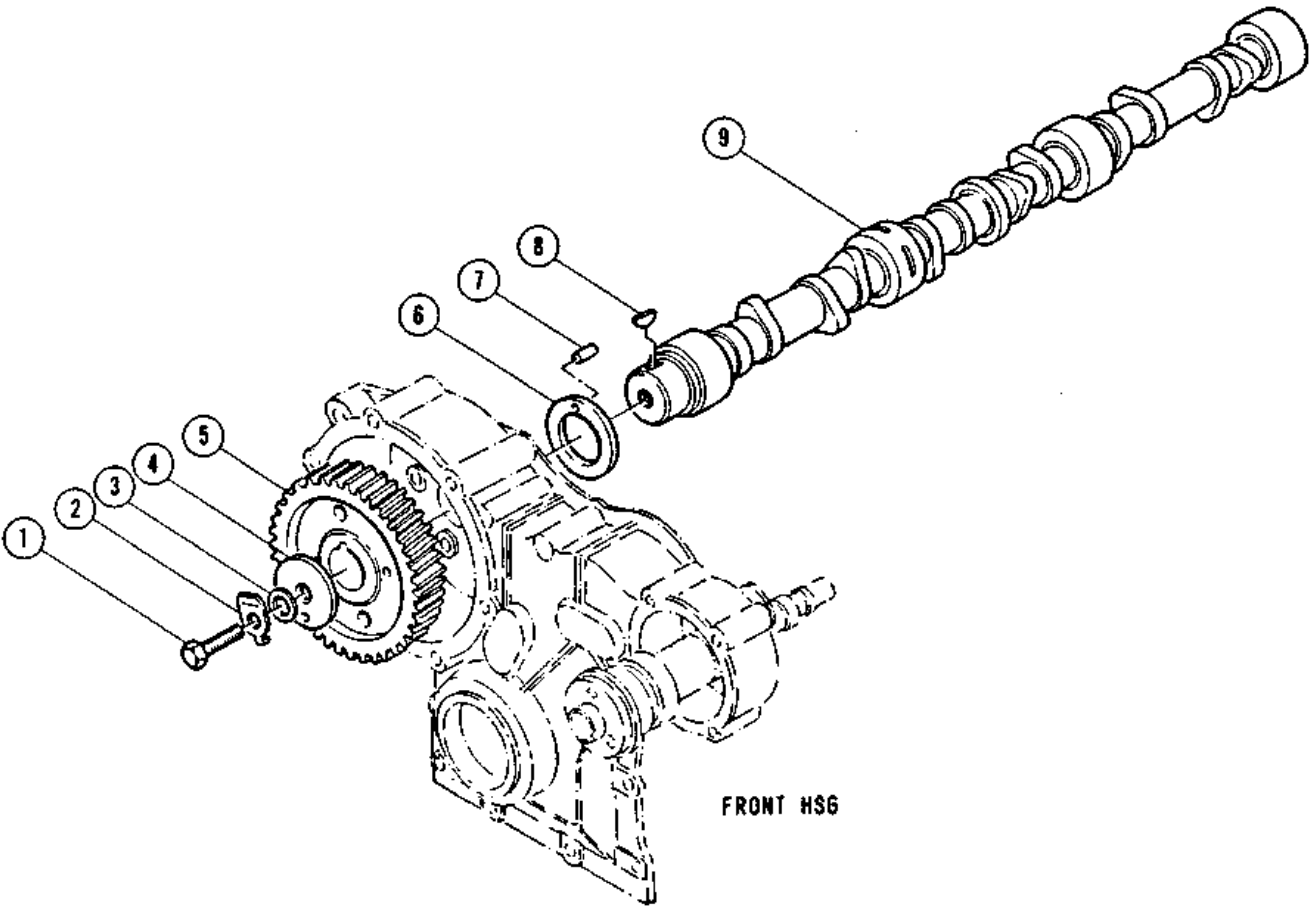


Ref.	Part number	Description	Qty	Code	Group page
1	4L-1507	BOLT	3		
2	7W-4638	PLATE-RETAINING	1		
3	7W-4637	GEAR-FUEL PUMP	1		
4	067-9530	DOWEL-LOCATION	1		
5	7W-4636	SHAFT-PUMP DRIVE	1		
6	067-9529	PLATE-THRUST (THRUST)	2		
7	067-9527	BUSHING-DRIVE SHAFT	1		
8	067-9528	BUSHING-DRIVE SHAFT	1		
9	8N-8991	SEAL	1		
10	5C-1812	COVER-DRIVE SHAFT	1		
11	067-9539	COLLAR-LOWER	1		
12	067-9538	RING-SEALING	1		
13	7W-4639	GEAR AS-DRIVE	1		
14	1N-4442	BEARING	1		
15	067-9540	BUSHING-SHAFT	1		

7W-4504 CAMSHAFT GP

7W4504 CAMSHAFT GP

Drawing 1 of 1

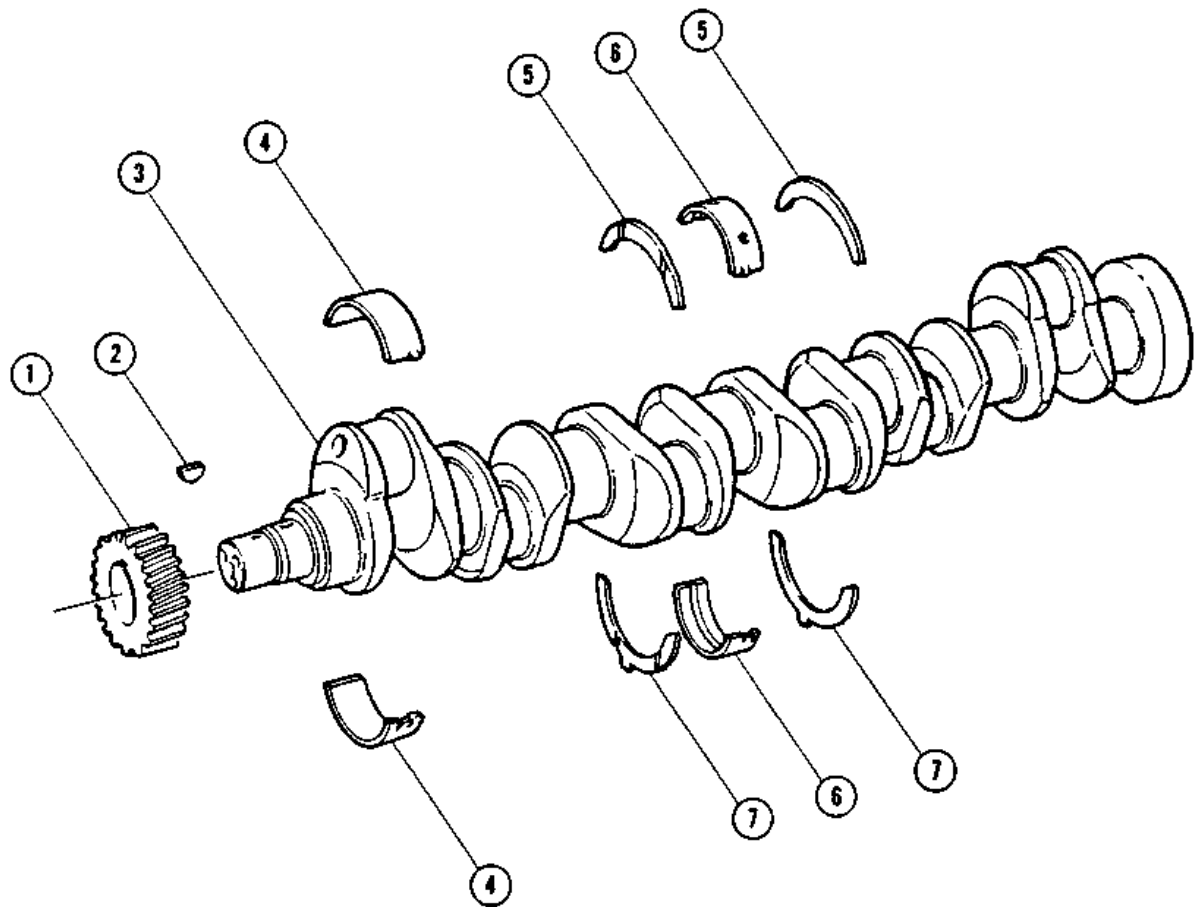


Ref.	Part number	Description	Qty	Code	Group page
1	006-9566	BOLT	1		
2	067-6896	TAB	1		
3	030-7028	SHIM	1		
4	067-6895	WASHER	1		
5	067-6866	GEAR	1		
6	067-6178	WASHER	1		
7	067-6179	DOWEL	1		
8	1B-8736	KEY-WOODRUFF	1		
9	7W-4599	CAMSHAFT	1		

7W-4502 CRANKSHAFT GP

7W4502 CRANKSHAFT GP ENGINE S/N U758682N & BELOW

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	067-6134	GEAR-CRANKSHAFT	1		
2	1B-8736	KEY-WOODRUFF	1		
3	7W-4588	CRANKSHAFT GP (BASIC)	1		
4	1N-3773	KIT-ROD BEARING	1		
	1N-3774	KIT-BEARING (CONNECTING ROD)	1	A	
.25MM(.010IN.)					
UNDERSIZE					
	1N-3775	KIT-BEARING (CONNECTING ROD)	1	A	
.51MM(.020IN.)					
UNDERSIZE					
	1N-3776	KIT-BEARING (CONNECTING ROD)	1	A	
.76MM(.030IN.)					
UNDERSIZE					
5	032-9090	WASHER-THRUST	2		
	067-6873	WASHER-THRUST (UPPER)	1	A	

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