

CATERPILLAR S30

8WS / SEBP3140

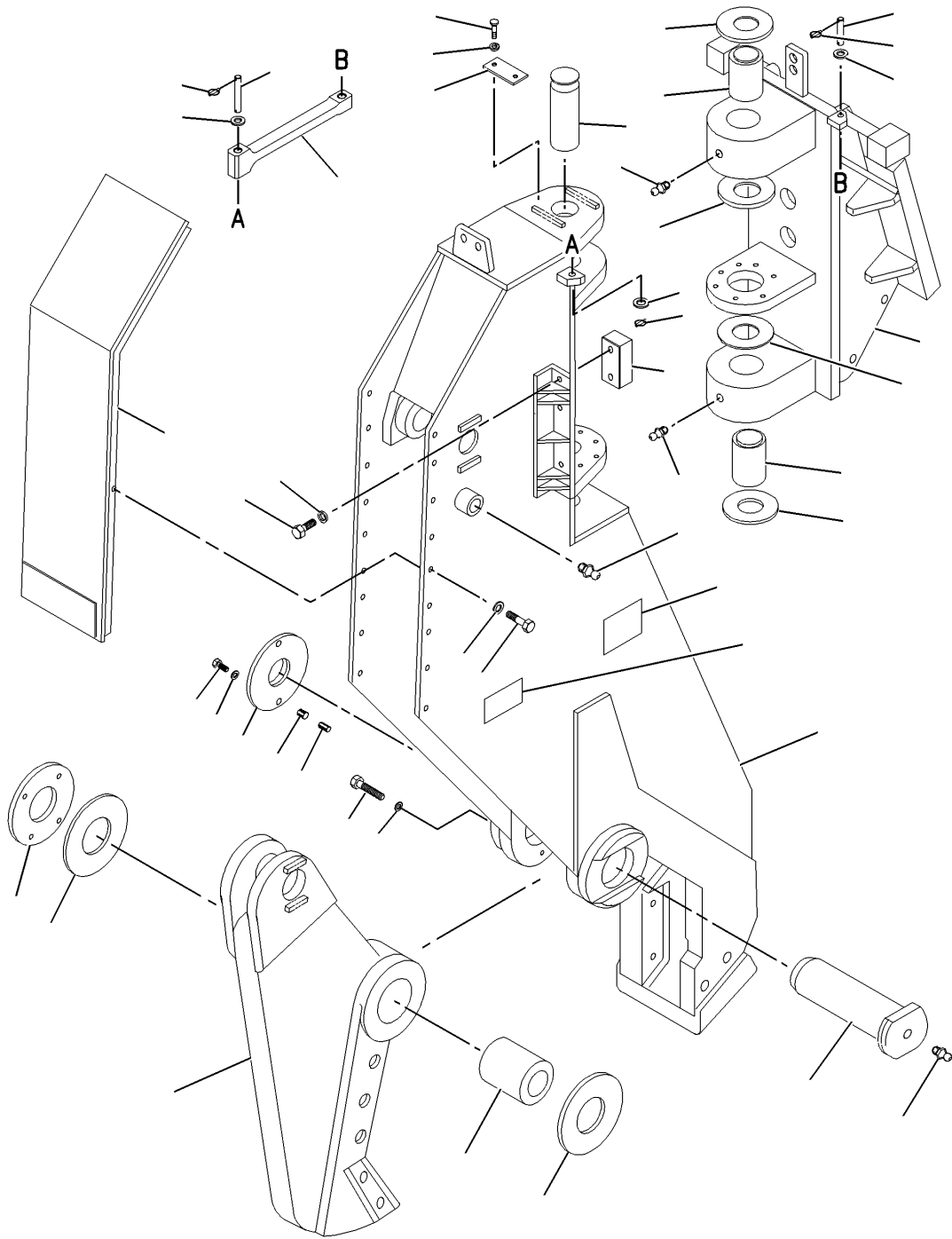
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Basic engine	

144-0965 HOUSING GP-SHEAR

144-0965 HOUSING GP-SHEAR S/N 8WS1-51 PART OF 144-0963 SHEAR AR-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-3118	NUT	1		
2	8T-4183	BOLT (M12X1.75X40-MM)	4	M	
3	8T-4192	BOLT (M12X1.75X25-MM)	12	M	
4	9X-8258	WASHER (33X56X6-MM THK)	8		
5	095-0705	BOLT-SOCKET HEAD (M16X2X100-MM)	3	M	

144-0965 HOUSING GP-SHEAR (continued)

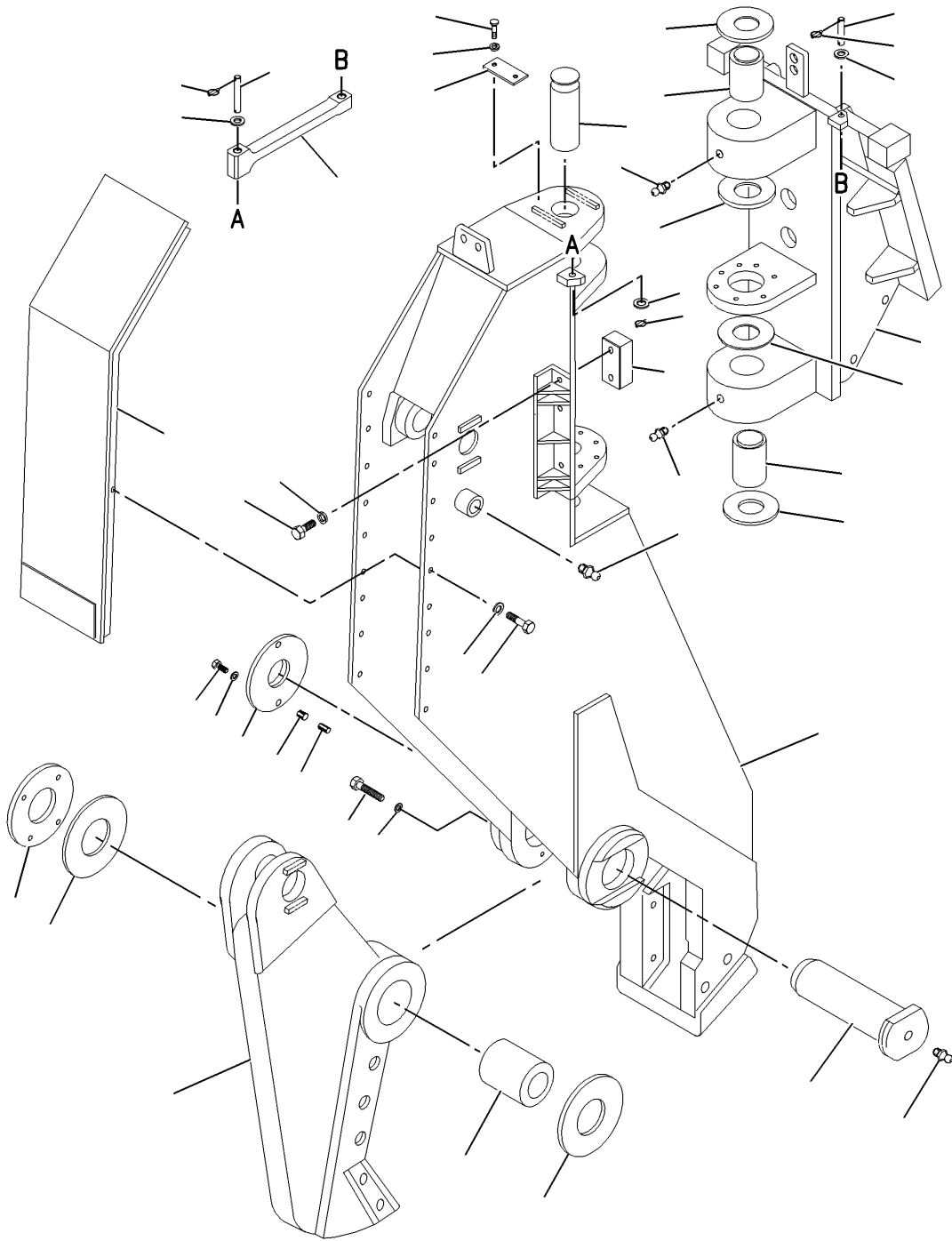
Ref.	Part number	Description	Qty	Code	Group page
6	144-2470	LOCKWASHER	3		
7	134-9524	SCREW-FLAT HEAD	26	M	
8	3Q-7726	FITTING-GREASE	3		
9	144-3104	PIN	2		
10	144-1173	LOCKWASHER	16		
11	144-2463	LOCKWASHER	26		
12	144-2709	BOLT-SOCKET HEAD (M20X2.5X30-MM)	6		
13	144-2714	LOCKWASHER	6		
14	144-3092	SOCKET-HEX DRIVE	6	M	
15	144-3093	SOCKET-HEX DRIVE	6	M	
16	144-3096	HOUSING AS	1		
17	144-3097	ARM AS-CUTTING	1		
18	144-3098	SWIVEL AS	1		
19	144-3099	GUARD-CYLINDER	1		
20	144-2723	BUMPER	4		
21	144-3101	PIN	1		
22	144-3102	PIN AS	1		
23	144-3103	PIN	2		
24	144-8059	PIN-COTTER	8		
25	144-3106	BUSHING	2		
26	144-3107	BUSHING	1		
27	144-2454	SPACER (100.5X200X13.5-MM THK)	4		
28	144-3109	SPACER AS	2		
(EACH INCLUDES)					
	176-5315	RING	1		
29	144-3110	PLATE-BEARING	1		
30	144-2459	RETAINER	2		
31	144-3105	BAR	2		
32	3Q-7480	FILM-WARNING (FLYING DEBRIS, STAY BACK)	2		
33	106-9155	FILM-WARNING	1		

CAT codes: M.

144-0965 HOUSING GP-SHEAR

144-0965 HOUSING GP-SHEAR S/N 8WS52-UP PART OF 144-0963 SHEAR AR-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-3118	NUT	1		
2	8T-4183	BOLT (M12X1.75X40-MM)	4	M	
3	8T-4192	BOLT (M12X1.75X25-MM)	12	M	
4	9X-8258	WASHER (33X56X6-MM THK)	8		
5	095-0705	BOLT-SOCKET HEAD (M16X2X100-MM)	3	M	

144-0965 HOUSING GP-SHEAR (continued)

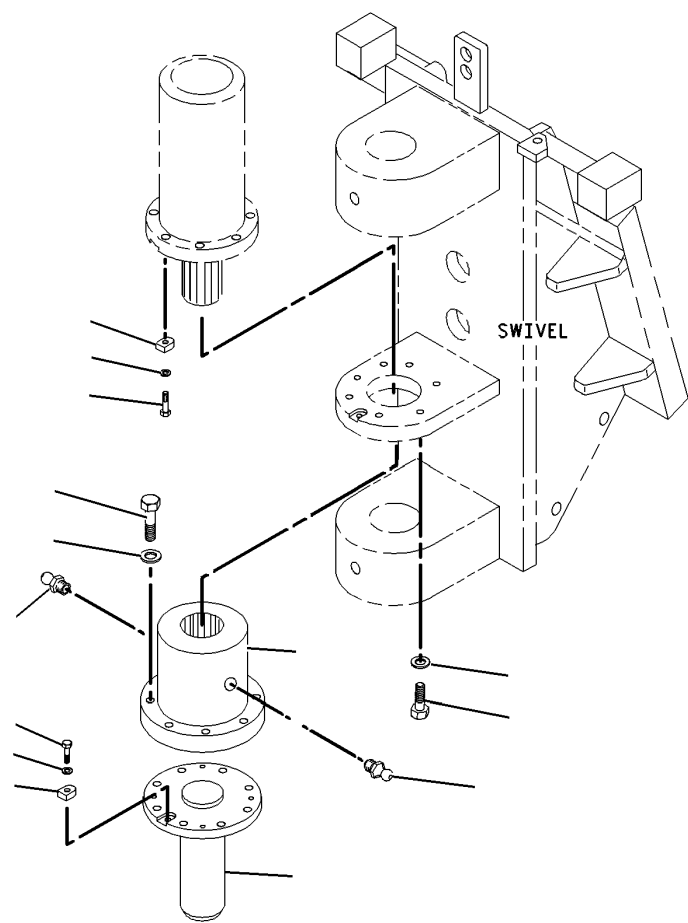
Ref.	Part number	Description	Qty	Code	Group page
6	159-1121	LOCKWASHER	3		
7	134-9524	SCREW-FLAT HEAD	26	M	
8	3Q-7726	FITTING-GREASE	4		
9	144-3104	PIN	2		
10	159-1119	LOCKWASHER	16		
11	144-2463	LOCKWASHER	26		
12	144-2709	BOLT-SOCKET HEAD (M20X2.5X30-MM)	6		
13	145-4078	LOCKWASHER	6		
14	144-3092	SOCKET-HEX DRIVE	6	M	
15	144-3093	SOCKET-HEX DRIVE	6	M	
16	144-3096	HOUSING AS	1		
17	144-3097	ARM AS-CUTTING	1		
18	144-2758	SWIVEL AS	1	C	
19	144-3099	GUARD-CYLINDER	1		
20	144-2723	BUMPER	4		
21	144-3101	PIN	1		
22	144-3102	PIN AS	1		
23	144-3103	PIN	2		
24	8D-3791	PIN	8		
25	144-3106	BUSHING	2		
26	144-3107	BUSHING	1		
27	144-2454	SPACER (100.5X200X13.5-MM THK)	4		
28	144-3109	SPACER AS	2		
(EACH INCLUDES)					
	176-5315	RING	1		
29	144-3110	PLATE-BEARING	1		
30	144-2459	RETAINER	2		
31	144-3105	BAR	2		

CAT codes: C, M.

144-3146 MOUNTING GP-ROTATOR CYLINDER

144-3146 MOUNTING GP-ROTATOR CYLINDER S/N 8WS1-51 PART OF 144-0968 CYLINDER & LINES GP-ROTATOR

Drawing 1 of 1

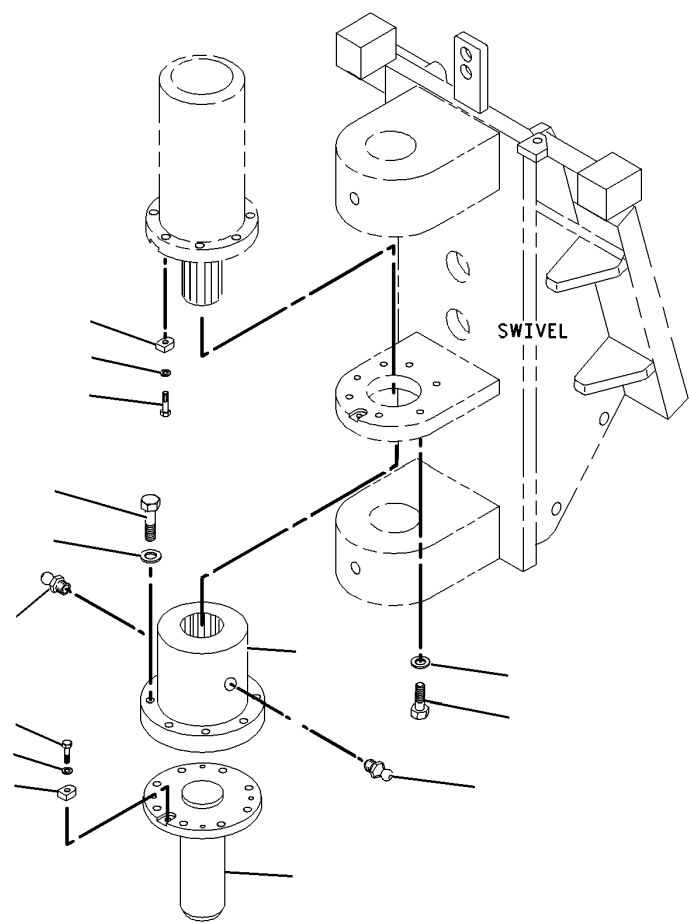


Ref.	Part number	Description	Qty	Code	Group page
1	9X-8257	WASHER (17.5X30X3.5-MM THK)	16		
2	3Q-7726	FITTING-GREASE	2		
3	144-3088	BOLT-SOCKET HEAD	8		
4	144-3089	BOLT-SOCKET HEAD	8		
5	144-3147	COUPLING	1		
6	144-3148	PIN	1		
7	144-8071	KEY	3		
8	144-8072	BOLT-SOCKET HEAD	3		
9	144-8073	LOCKWASHER	3		

144-3146 MOUNTING GP-ROTATOR CYLINDER

144-3146 MOUNTING GP-ROTATOR CYLINDER S/N 8WS52-UP PART OF 144-0968 CYLINDER & LINES GP-ROTATOR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	9X-8257	WASHER (17.5X30X3.5-MM THK)	16	C	
2	3Q-7726	FITTING-GREASE	2		
3	095-0703	BOLT-SOCKET HEAD (M16X2X75-MM)	8	M	
4	095-0705	BOLT-SOCKET HEAD (M16X2X100-MM)	8	M	
5	145-5799	COUPLING	1	C	
6	144-3148	PIN	1		
7	144-8071	KEY	3		
8	8T-0267	BOLT-SOCKET HEAD (M6X1X12-MM)	3	M	
9	144-8073	LOCKWASHER	3		

CAT codes: C, M.

144-0968 CYLINDER & LINES GP-ROTATOR

144-0968 CYLINDER & LINES GP-ROTATOR S/N 8WS1-UP PART OF 144-0963 SHEAR AR-HYDRAULIC

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

Ref.	Part number	Description	Qty	Code	Group page
	144-3144	CYLINDER GP-ROTATOR	1	Y	10
S/N 8WS1-46					
	145-5740	CYLINDER GP-ROTATOR	1	Y	
S/N 8WS47-Up					
	144-3151	LINES GP-ROTATOR CYLINDER	1	Y	
	144-3146	MOUNTING GP-ROTATOR CYLINDER	1	Y	6, 7

CAT codes: Y.

144-0966 CYLINDER & LINES GP-SHEAR

144-0966 CYLINDER & LINES GP-SHEAR S/N 8WS1-UP PART OF 144-0963 SHEAR AR-HYDRAULIC

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

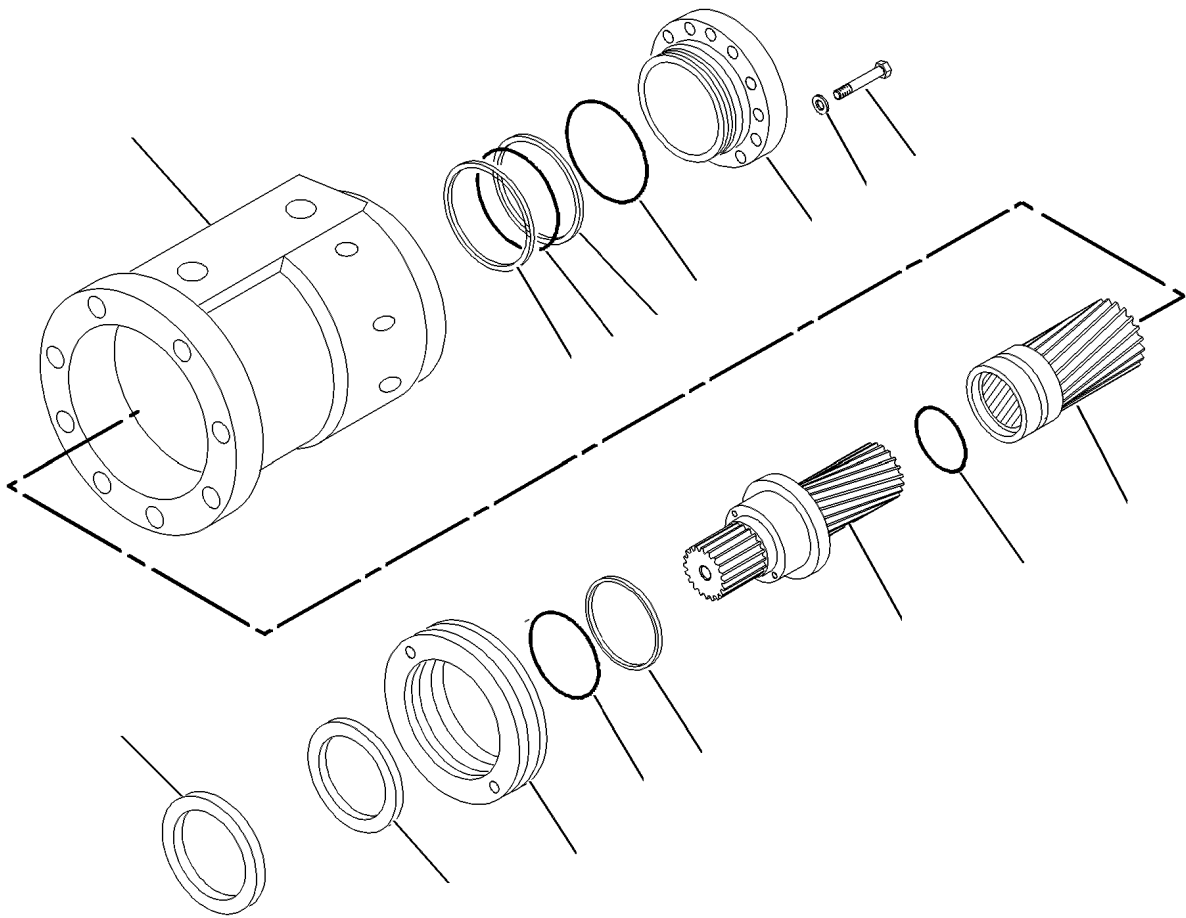
Ref.	Part number	Description	Qty	Code	Group page
	144-3127	CYLINDER GP-SHEAR	1	Y	
S/N 8WS1-51					
	145-3751	CYLINDER GP-SHEAR	1	Y	
S/N 8WS52-Up					
	144-3137	LINES GP-CYLINDER	1	Y	
	144-3132	MOUNTING GP-CYLINDER	1	Y	

CAT codes: Y.

144-3144 CYLINDER GP-ROTATOR

144-3144 CYLINDER GP-ROTATOR S/N 8WS1-46 PART OF 144-0968 CYLINDER & LINES GP-ROTATOR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8T-7811	BOLT-SOCKET HEAD (M12X1.75X50-MM)	16	M	
2	144-3171	RING-BACKUP	1	J	
3	144-3770	PISTON GP-CYLINDER	1		
4	144-5215	QUAD-RING	1	J	
5	145-3567	SEAL-O-RING	1	J	
6	145-3568	SEAL-O-RING	1	J	
7	145-3576	SEAL-O-RING	1	J	
8	145-3734	COVER	1		
9	171-4911	KIT-SHAFT	1		
10	145-5683	RING-BACKUP	2	J	
11	159-1119	LOCKWASHER	16		
12	145-6257	HOUSING GP-OUTPUT	1		
13	145-6315	SEAL	1	J	
14	145-6446	RING	1		

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