

CATERPILLAR S50

3KW / SEBP3140

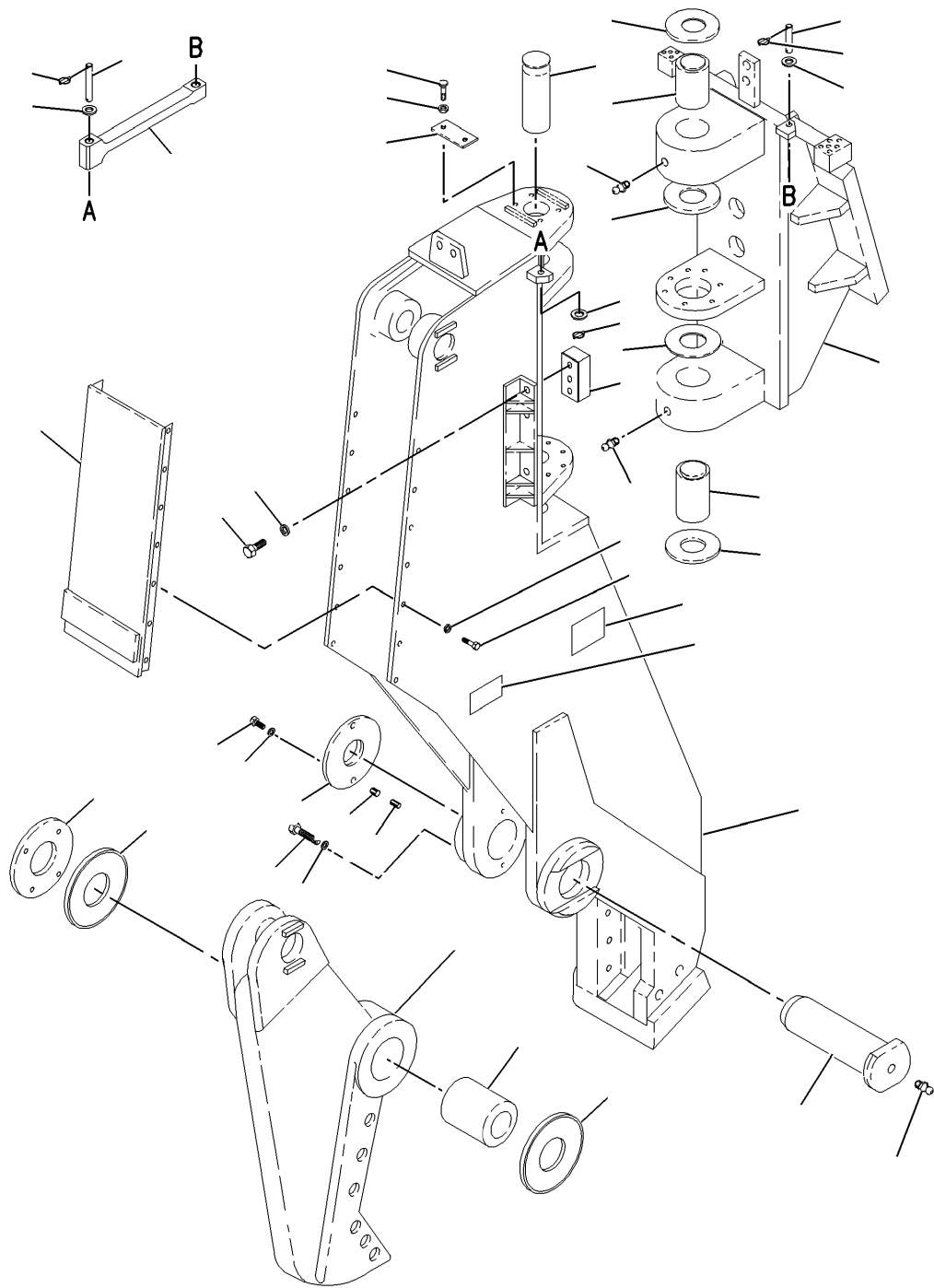
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144-0978 HOUSING GP-SHEAR

144-0978 HOUSING GP-SHEAR S/N 3KW1-UP PART OF 144-0977 SHEAR AR-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-4098	BAR	2		
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	

144-0978 HOUSING GP-SHEAR (continued)

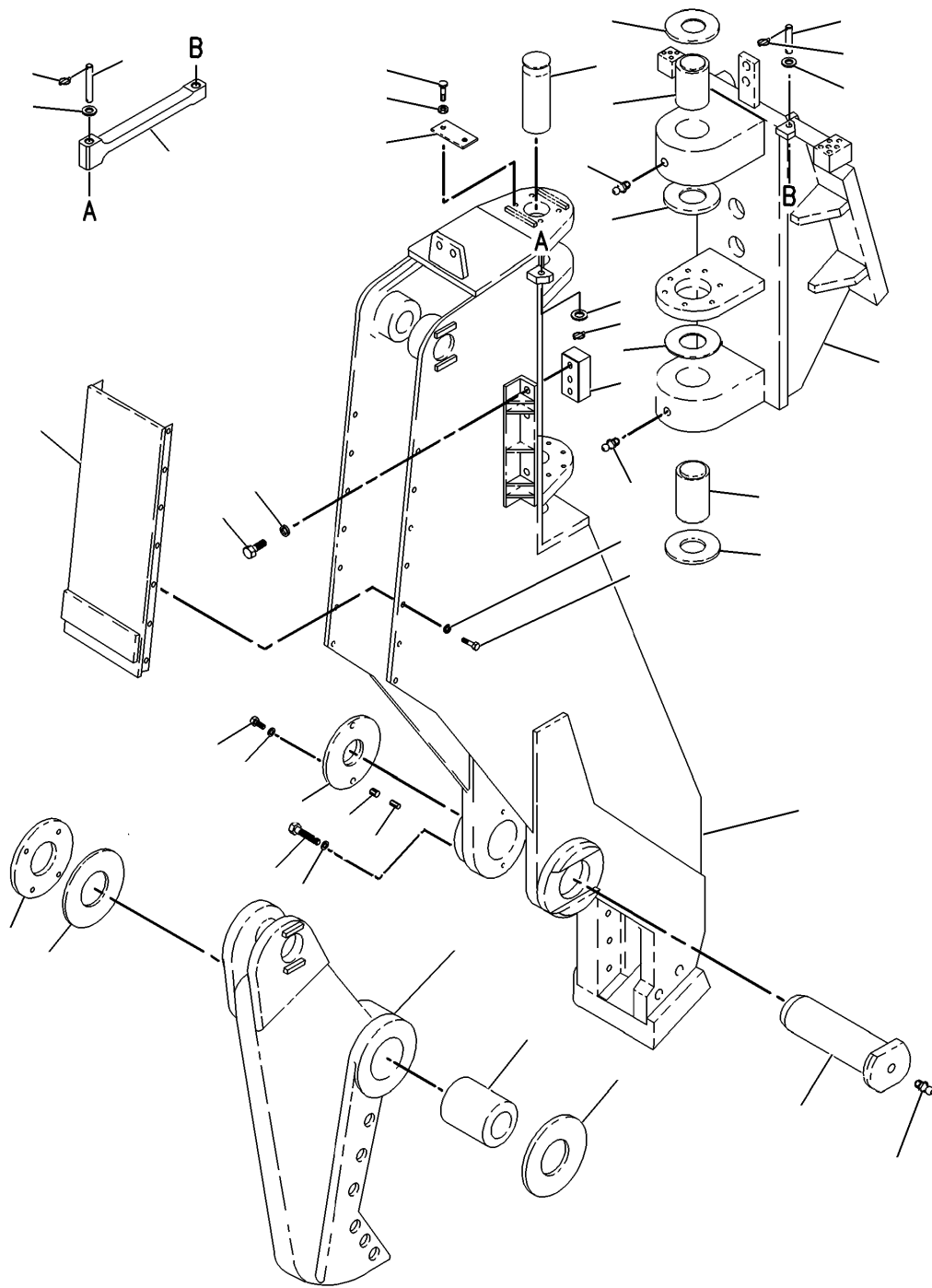
Ref.	Part number	Description	Qty	Code	Group page
6	159-1121	LOCKWASHER	3		
7	3Q-7726	FITTING-GREASE	3		
8	144-3731	PIN	2		
9	159-1119	LOCKWASHER	16		
10	144-2463	LOCKWASHER	16		
11	145-4078	LOCKWASHER	9		
12	144-3092	SOCKET-HEX DRIVE	9	M	
13	144-3093	SOCKET-HEX DRIVE	9	M	
14	144-2709	BOLT-SOCKET HEAD (M20X2.5X30-MM)	9		
15	144-6038	HOUSING AS	1		
16	123-0354	SCREW-FLAT HEAD (M12X1.75X35-MM)	16	M	
17	144-2776	SWIVEL AS	1		
18	144-4092	GUARD-CYLINDER	1		
19	144-4093	BUMPER	4		
20	144-4094	PIN	1		
21	144-4095	PIN AS	1		
22	144-3730	PIN	2		
23	144-4099	BUSHING	2		
24	144-4100	BUSHING	1		
25	144-4103	SPACER (100.5X265X13.5-MM THK)	4		
26	144-4112	SPACER AS	2		
(EACH INCLUDES)					
26A	176-6243	RING	1		
27	144-4155	PLATE-BEARING	1		
28	144-2459	RETAINER	2		
29	144-4192	NUT	1		
30	144-6595	ARM AS-CUTTING	1		
31	8D-3791	PIN	8		
32	3Q-7480	FILM-WARNING (FLYING DEBRIS, STAY BACK)	2		
33	106-9155	FILM-WARNING	1		

CAT codes: M.

144-3066 HOUSING GP-SHEAR

144-3066 HOUSING GP-SHEAR S/N 3KW1-75 FOR EUROPEAN USE ONLY PART OF 144-3065 SHEAR AR-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-4098	BAR	2		
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	

144-3066 HOUSING GP-SHEAR (continued)

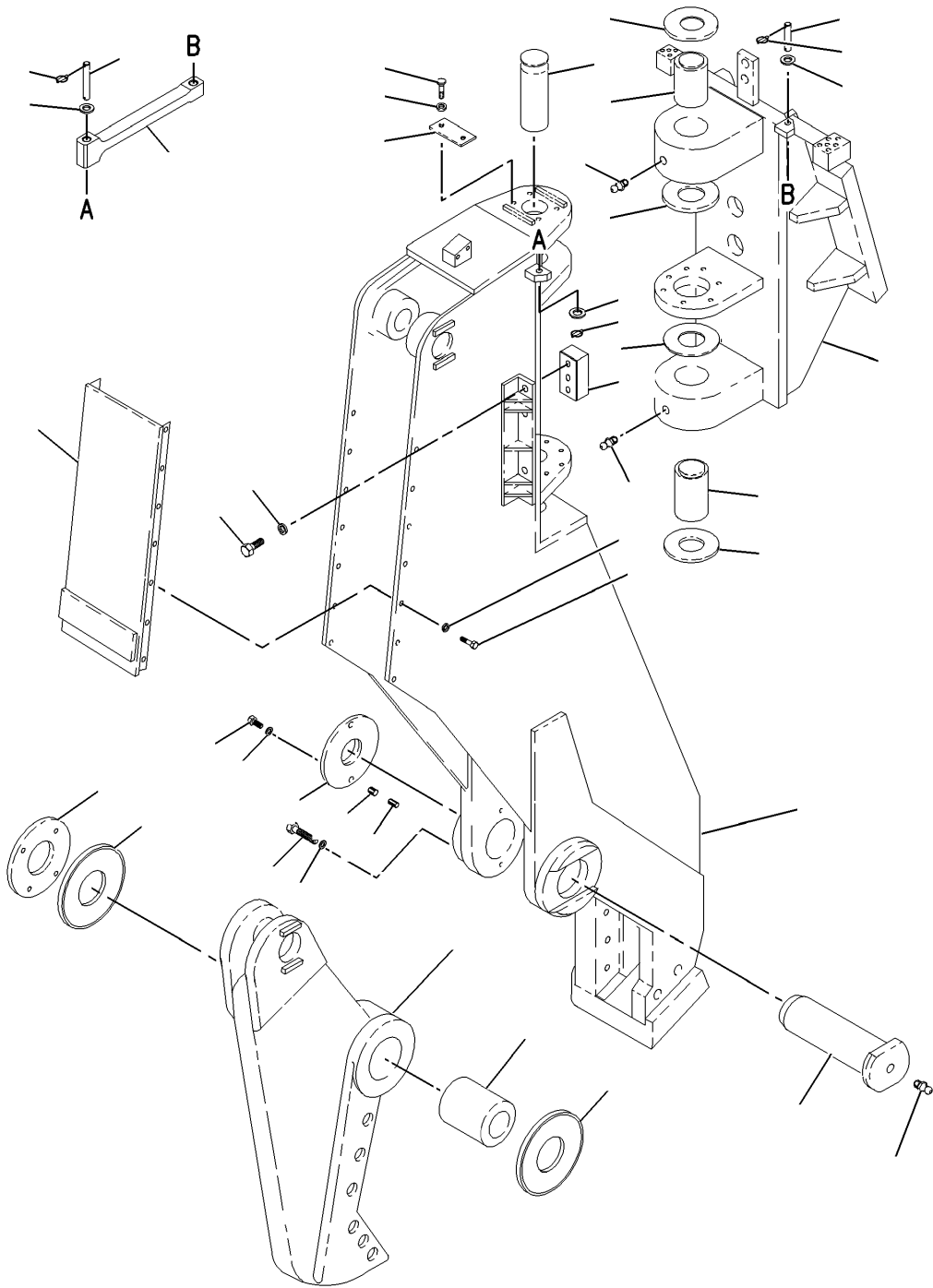
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6	144-2470	LOCKWASHER	3		
7	3Q-7726	FITTING-GREASE	3		
8	144-3731	PIN	2		
9	144-1173	LOCKWASHER	16		
10	144-2463	LOCKWASHER	16		
11	144-2714	LOCKWASHER	9		
12	144-3092	SOCKET-HEX DRIVE	9	M	
13	144-3093	SOCKET-HEX DRIVE	9	M	
14	144-2709	BOLT-SOCKET HEAD (M20X2.5X30-MM)	9		
15	144-4089	HOUSING AS	1		
16	123-0354	SCREW-FLAT HEAD (M12X1.75X35-MM)	16	M	
17	144-4091	SWIVEL AS	1		
18	144-4092	GUARD-CYLINDER	1		
19	144-4093	BUMPER	4		
20	144-4094	PIN	1		
21	144-4095	PIN AS	1		
22	144-3730	PIN	2		
23	144-4099	BUSHING	2		
24	144-4100	BUSHING	1		
25	144-4103	SPACER (100.5X265X13.5-MM THK)	4		
26	144-4112	SPACER AS	2		
(EACH INCLUDES)					
	176-6243	RING	1		
27	144-4155	PLATE-BEARING	1		
28	144-2459	RETAINER	2		
29	144-4192	NUT	1		
30	144-4090	ARM AS-CUTTING	1		
31	144-8059	PIN-COTTER	8		

CAT codes: M.

144-3066 HOUSING GP-SHEAR

144-3066 HOUSING GP-SHEAR S/N 3KW76-UP FOR EUROPEAN USE ONLY PART OF 144-3065 SHEAR AR-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-4098	BAR	2		
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	

144-3066 HOUSING GP-SHEAR (continued)

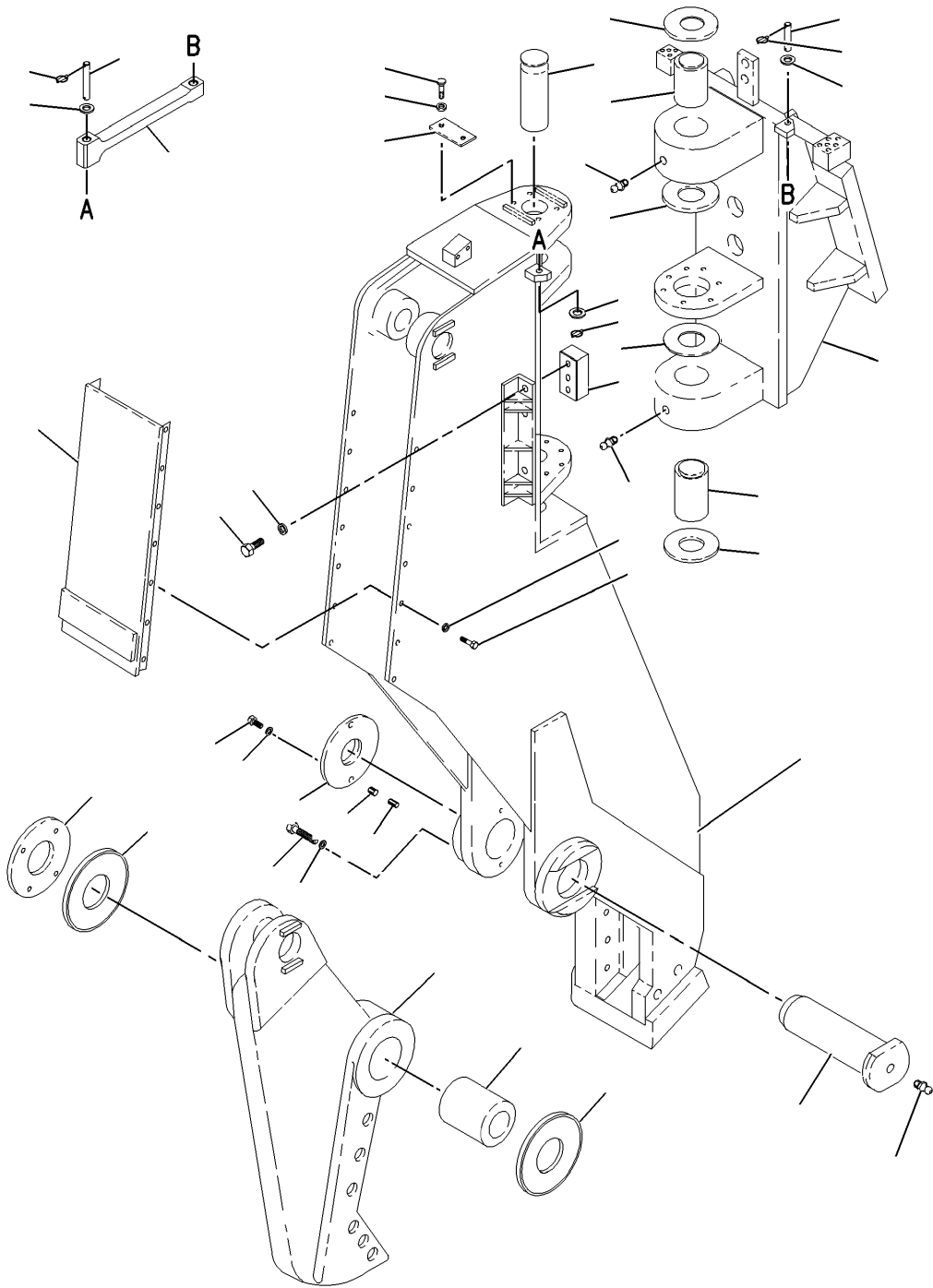
Ref.	Part number	Description	Qty	Code	Group page
6	159-1121	LOCKWASHER	3	C	
7	3Q-7726	FITTING-GREASE	3		
8	144-3731	PIN	2		
9	159-1119	LOCKWASHER	16	C	
10	144-2463	LOCKWASHER	16		
11	145-4078	LOCKWASHER	9	C	
12	144-3092	SOCKET-HEX DRIVE	9	M	
13	144-3093	SOCKET-HEX DRIVE	9	M	
14	144-2709	BOLT-SOCKET HEAD (M20X2.5X30-MM)	9		
15	144-6038	HOUSING AS	1	C	
16	123-0354	SCREW-FLAT HEAD (M12X1.75X35-MM)	16	M	
17	144-2776	SWIVEL AS	1	C	
18	144-4092	GUARD-CYLINDER	1		
19	144-4093	BUMPER	4		
20	144-4094	PIN	1		
21	144-4095	PIN AS	1		
22	144-3730	PIN	2		
23	144-4099	BUSHING	2		
24	144-4100	BUSHING	1		
25	144-4103	SPACER (100.5X265X13.5-MM THK)	4		
26	144-4112	SPACER AS	2		
(EACH INCLUDES)					
26A	176-6243	RING	1		
27	144-4155	PLATE-BEARING	1		
28	144-2459	RETAINER	2		
29	144-4192	NUT	1		
30	144-4090	ARM AS-CUTTING	1		
31	8D-3791	PIN	8	C	

CAT codes: C, M.

156-4984 HOUSING GP-SHEAR

156-4984 HOUSING GP-SHEAR S/N 3KW1-UP PART OF 155-4962 SHEAR AR-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-4098	BAR	2		
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	

156-4984 HOUSING GP-SHEAR (continued)

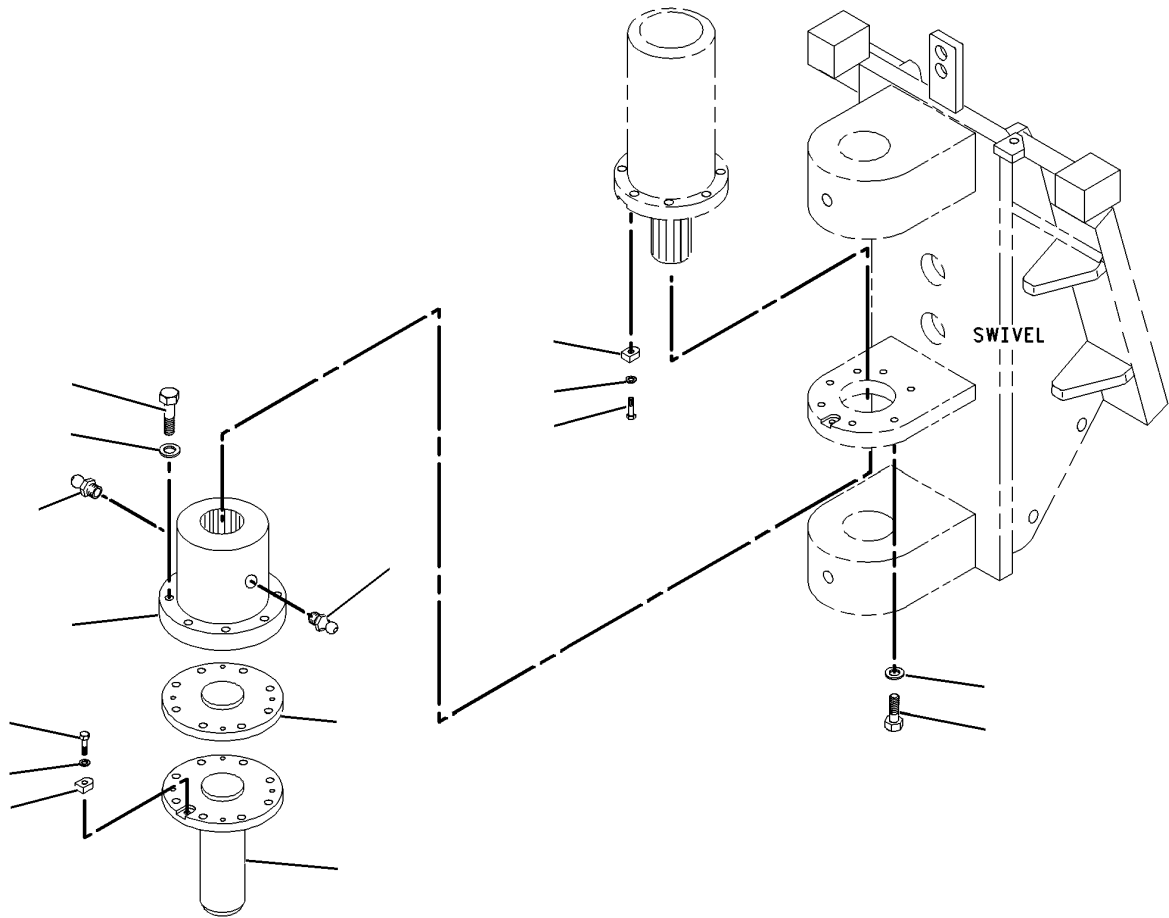
Ref.	Part number	Description	Qty	Code	Group page
6	159-1121	LOCKWASHER	3		
7	3Q-7726	FITTING-GREASE	3		
8	144-3731	PIN	2		
9	159-1119	LOCKWASHER	16		
10	144-2463	LOCKWASHER	16		
11	145-4078	LOCKWASHER	9		
12	144-3092	SOCKET-HEX DRIVE	9	M	
13	144-3093	SOCKET-HEX DRIVE	9	M	
14	144-2709	BOLT-SOCKET HEAD (M20X2.5X30-MM)	9		
15	8D-3791	PIN	8		
16	123-0354	SCREW-FLAT HEAD (M12X1.75X35-MM)	16	M	
17	144-2776	SWIVEL AS	1		
18	144-4092	GUARD-CYLINDER	1		
19	144-4093	BUMPER	4		
20	144-4094	PIN	1		
21	144-4095	PIN AS	1		
22	144-3730	PIN	2		
23	144-4099	BUSHING	2		
24	144-4100	BUSHING	1		
25	144-4103	SPACER (100.5X265X13.5-MM THK)	4		
26	144-4112	SPACER AS	2		
(EACH INCLUDES)					
26A	176-6243	RING	1		
27	144-4155	PLATE-BEARING	1		
28	144-2459	RETAINER	2		
29	144-4192	NUT	1		
30	156-4965	ARM AS-CUTTING	1		
31	156-4964	HOUSING AS	1		

CAT codes: M.

144-4214 MOUNTING GP-ROTATOR CYLINDER

144-4214 MOUNTING GP-ROTATOR CYLINDER S/N 3KW1-UP PART OF 144-0980 CYLINDER & LINES GP-ROTATOR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8T-4123	WASHER (3.62X5.75X0.375-MM THK)	28		
2	144-8424	KEY	4		
3	3Q-7726	FITTING-GREASE	2		
4	144-4450	SPACER (90X270X20-MM THK)	1		
5	7Y-5216	BOLT-SOCKET HEAD (M20X2.5X80-MM)	14	M	
6	144-4084	BOLT-SOCKET HEAD (M20X2.5X110-MM)	14		
7	144-4215	COUPLING	1		
8	144-4216	PIN	1		
9	8T-0267	BOLT-SOCKET HEAD (M6X1X12-MM)	4	M	
10	144-8073	LOCKWASHER	4		

CAT codes: M.

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