

CATERPILLAR GLL60

A3D / SEBP3546

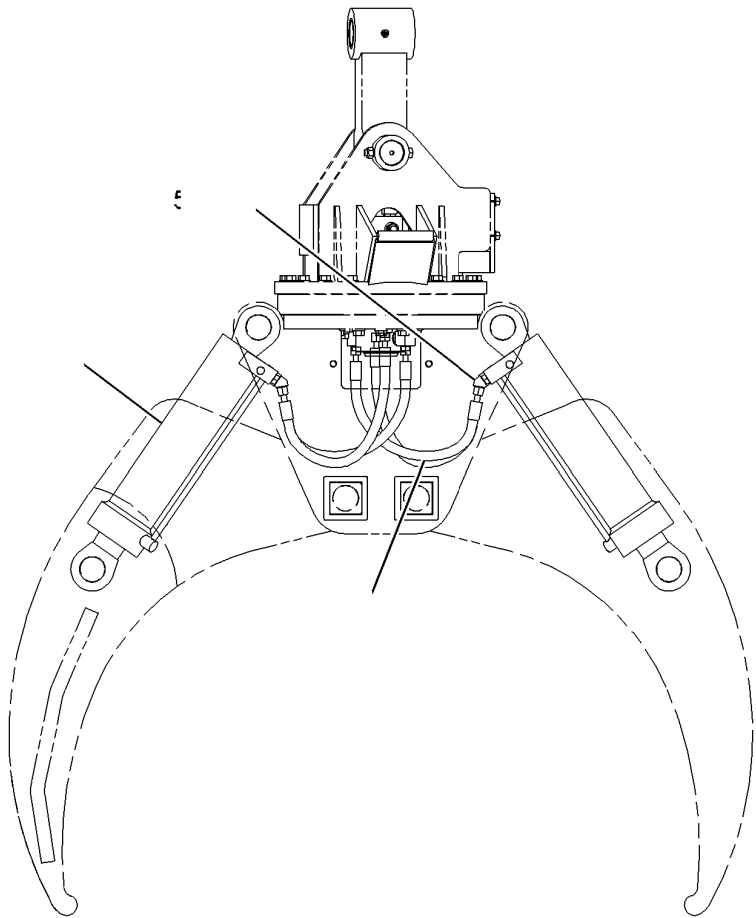
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Basic engine	

231-9472 CYLINDER & LINES GP-GRAPPLE

231-9472 CYLINDER & LINES GP-GRAPPLE PART OF 219-2364, 219-2365, 219-2366 GRAPPLE AR

Drawing 1 of 1



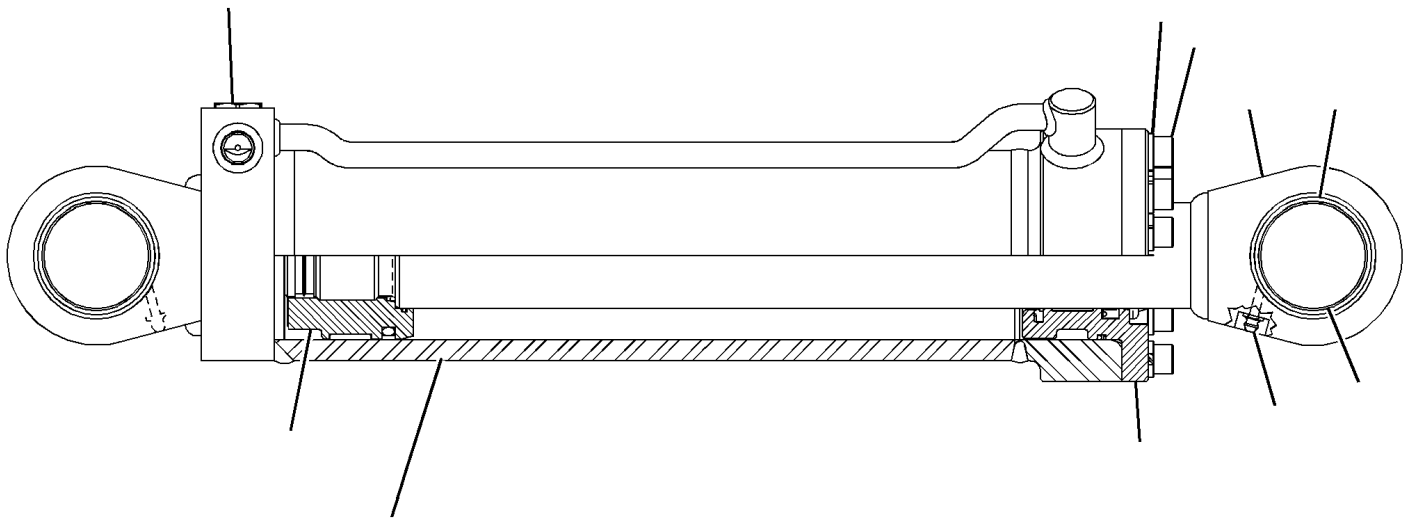
Ref.	Part number	Description	Qty	Code	Group page
1	151-7214	HOSE AS	4	I	
2	216-4042	CYLINDER GP-HYDRAULIC	2	Y	
3	3K-0360	SEAL-O-RING	4		
4	6V-8398	SEAL-O-RING	4		
5	6V-9002	ELBOW	4		

CAT codes: I, Y.

216-4042 CYLINDER GP-HYDRAULIC -GRAPPLE

216-4042 CYLINDER GP-HYDRAULIC -GRAPPLE 101.6-MM (4.0-IN) BORE X 368.3-MM (14.5-IN) STROKE PART OF 231-9472 CYLINDER & LINES GP-GRAPPLE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7K-0078	BUSHING	2		
2	9H-3771	FITTING-GREASE	2		
3	7K-9205	SEAL-LIP TYPE	4		
4	6V-8197	BOLT (M12X1.75X40-MM)	12	M	
5	150-5311	LOCKWASHER	12		
6	119-3689	VALVE-LOAD CHECK	1	J	
7	248-0376	ROD AS	1		
8	248-0377	HEAD	1		
9	248-0378	PISTON	1		
10	336-4272	TUBE AS	1		
AVAILABLE REPAIR KIT(S):					
	161-1980	KIT-SERVICE	1	J	

CAT codes: J, M.

267-9396 KIT-SPOOL

267-9396 KIT-SPOOL REPLACEMENT SPOOL FOR THE ROTATOR MANIFOLD AS FIELD INSTALLATION

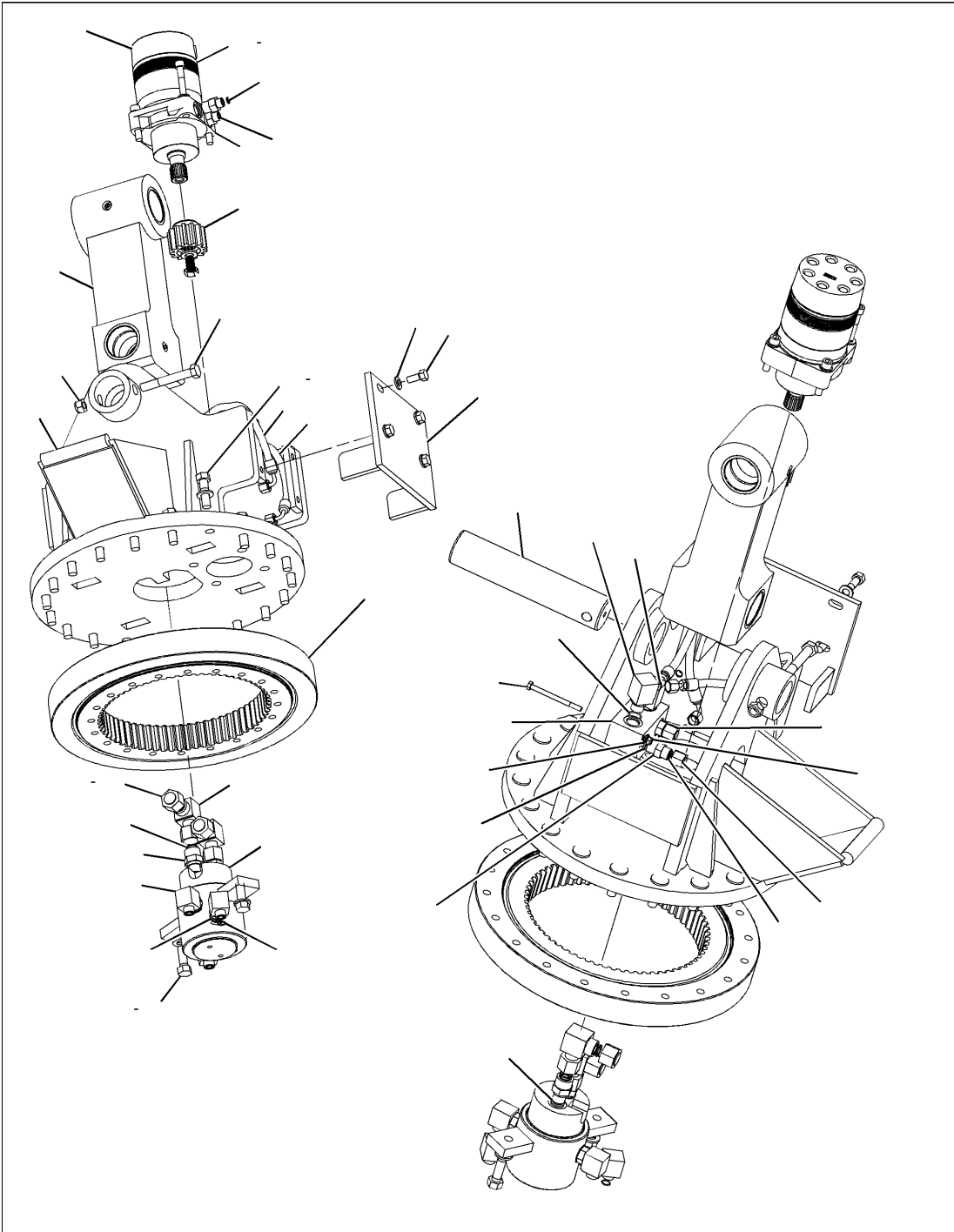
No separate drawing is provided in the current catalog card.

Ref.	Part number	Description	Qty	Code	Group page
		(INCLUDES EXCLUDER SEALS, THRUST WASHER & PRESSURE SEALS)	.		

230-7927 ROTATOR GP-HYDRAULIC

230-7927 ROTATOR GP-HYDRAULIC PART OF 219-2364, 219-2365, 219-2366 GRAPPLE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	224-4182	GEAR & BEARING AS	1		
2	224-4183	PLATE AS	1		
3	224-4196	GEAR-PINION (13-TEETH)	1		
4	268-2792	MOTOR GP-GEROTOR	1	J	
5	243-5688	PLATE AS	1		

230-7927 ROTATOR GP-HYDRAULIC (continued)

Ref.	Part number	Description	Qty	Code	Group page
6	224-4203	PIN	1		
7	228-9268	MANIFOLD BLOCK	1		
8	231-4296	CROSSHEAD AS	1		
	3B-8489	FITTING-GREASE	2		
	7K-0078	BUSHING	4		
9	244-3413	MANIFOLD GP-ROTATOR	1		
	9S-4368	RING-RETAINING	1		
	268-8893	KIT-SEAL	1		
(INCLUDES SEAL_PISTON,ENERGIZER,WIPERS,O-RING & THRUST WASHER)					
10	095-0673	BOLT-SOCKET HEAD (M12X1.75X60-MM)	4	M	
11	164-6932	HOSE AS	1	I	
12	184-2400	HOSE AS	1	I	
13	2M-9780	SEAL-O-RING	12		
14	5B-0841	BOLT (5/8-18X1.75-IN)	2		
15	5C-6565	BOLT (1/2-13X1.125-IN)	4		
16	6V-8397	SEAL-O-RING	4		
17	6V-8398	SEAL-O-RING	6		
18	6V-8638	CONNECTOR	2		
19	6V-8640	CONNECTOR	2		
20	6V-8715	CONNECTOR	2		
21	6V-8721	ELBOW	4		
22	6V-9189	LOCKNUT (M8X1.25-THD)	2	M	
23	6V-9746	SEAL-O-RING	4		
24	6V-9830	CAP AS	2		
25	6V-9832	CAP AS	2		
26	6V-9853	ELBOW	2		
27	7X-0347	BOLT (5/8-11X2.25-IN)	20		
28	7X-2538	BOLT (M8X1.25X100-MM)	2	M	
29	8T-4122	WASHER-HARD (17X32X3.5-MM THK)	22		
30	8T-4173	BOLT (M16X2X110-MM)	1	M	
31	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	4		
32	8T-4224	WASHER-HARD (8.8X16X2-MM THK)	4		
33	8T-4778	LOCKNUT (M16X2-THD)	1	M	
34	8T-5360	WASHER (12X22.5X2.5-MM THK)	4		
35	9X-2134	ELBOW	2		

230-7927 ROTATOR GP-HYDRAULIC (continued)

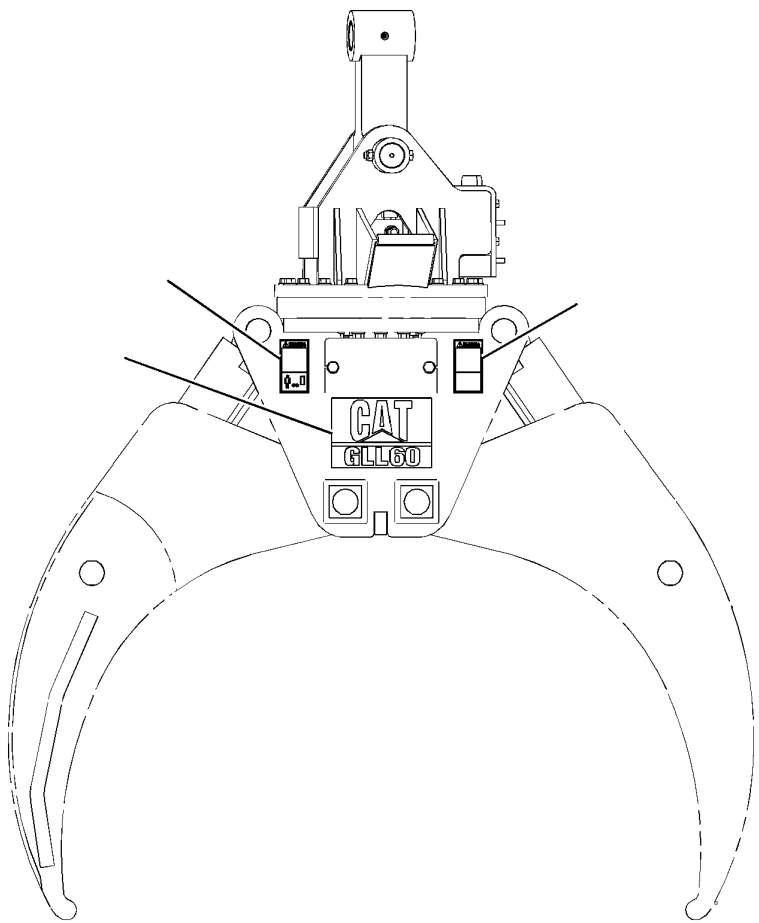
Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPAIR KIT(S):					
	9T-9072	KIT-SEAL (MOTOR)	1	J	
(INCLUDES SEALS,RINGS,RING-BACKUP & SHIM)					

CAT codes: I, J, M.

253-9953 FILM GP

253-9953 FILM GP S/N A3D1-499 PART OF 219-2365 GRAPPLE AR

Drawing 1 of 1

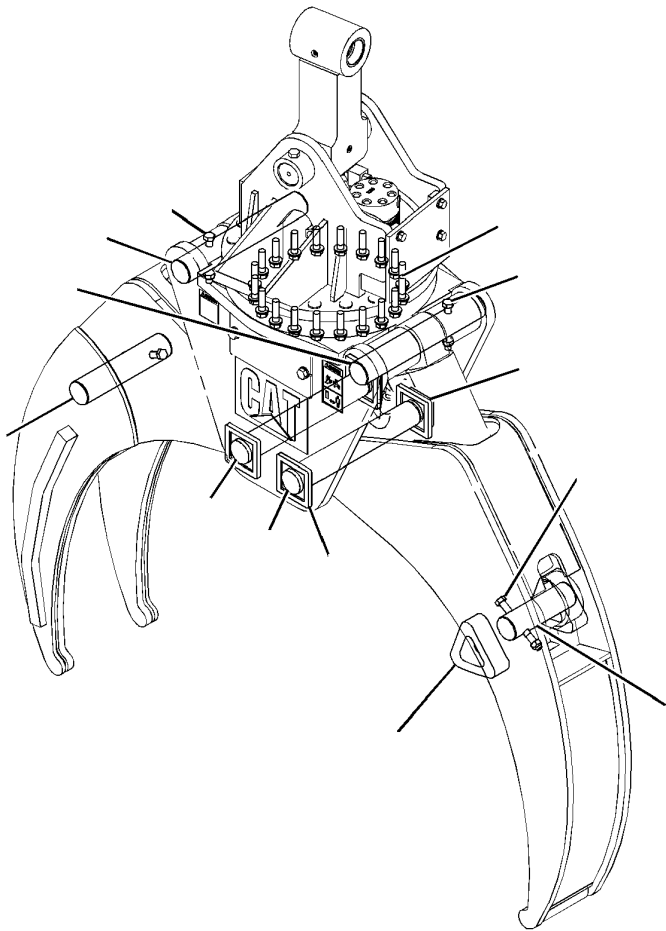


Ref.	Part number	Description	Qty	Code	Group page
1	159-8035	FILM-WARNING (CRUSH HAZARD, STAY BACK)	2		
2	159-8036	FILM-WARNING (READ OMM)	2		
3	246-9261	FILM (CAT GLL60)	2		

231-9474 PIN GP-GRAPPLE

231-9474 PIN GP-GRAPPLE PART OF 219-2364, 219-2365, 219-2366 GRAPPLE AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	122-9502	PIN	2		
2	122-9504	PIN	1		
3	133-5337	PIN	1		
4	231-4264	PLATE	4		
5	231-4266	PIN AS	2		
6	231-4271	PLATE	2		
7	7X-2475	BOLT (M16X2X130-MM)	2	M	
8	7X-2558	BOLT (M16X2X150-MM)	2	M	
9	8T-4122	WASHER-HARD (17X32X3.5-MM THK)	20		
10	8T-4123	WASHER (3.62X5.75X0.375-MM THK)	2		
11	8T-4778	LOCKNUT (M16X2-THD)	4	M	

231-9474 PIN GP-GRAPPLE (continued)

Ref.	Part number	Description	Qty	Code	Group page
12	8T-6430	BOLT (M20X2.5X50-MM)	2	M	
13	8T-6871	BOLT (5/8-11X2.5-IN)	20		
14	266-9016	PLATE-STOP	2		

CAT codes: M.

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