

CATERPILLAR GLS60

GRB / SEBP4193

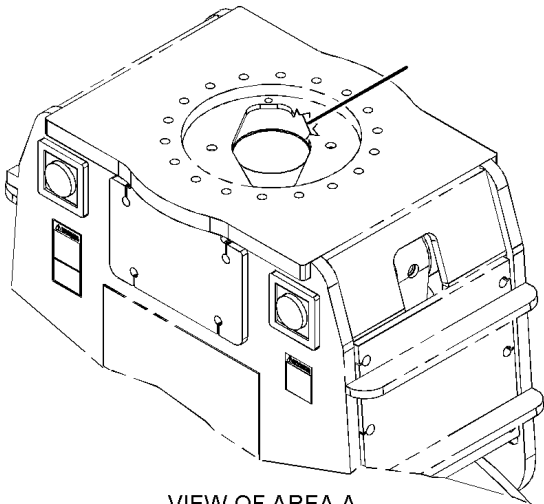
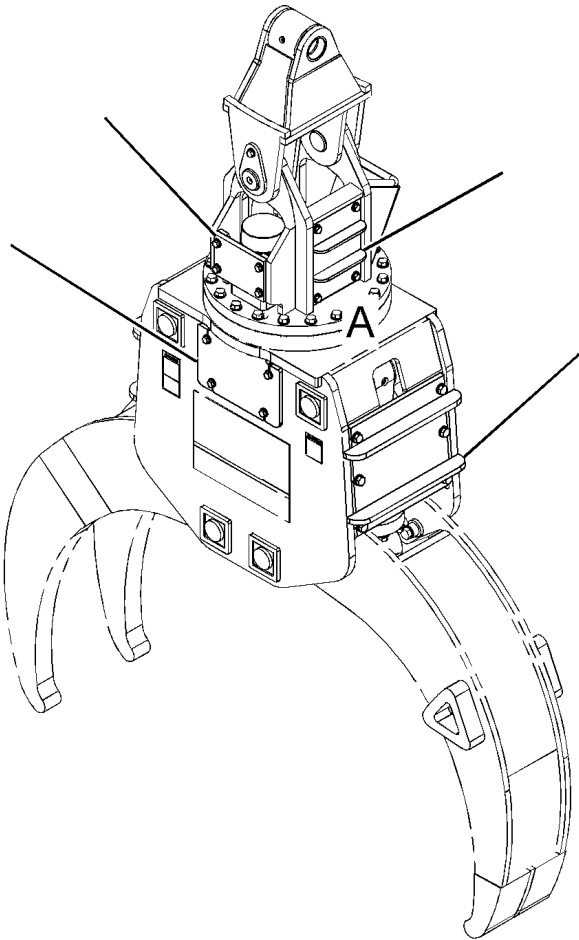
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Hydraulic system	3
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Basic engine	

249-1008 COVER GP-ACCESS

249-1008 COVER GP-ACCESS S/N GRA1-UP; T2A1-UP; GRB1-UP PART OF 249-3143, 249-3145, 249-3146 GRAPPLE AR-SHOVEL

Drawing 1 of 1



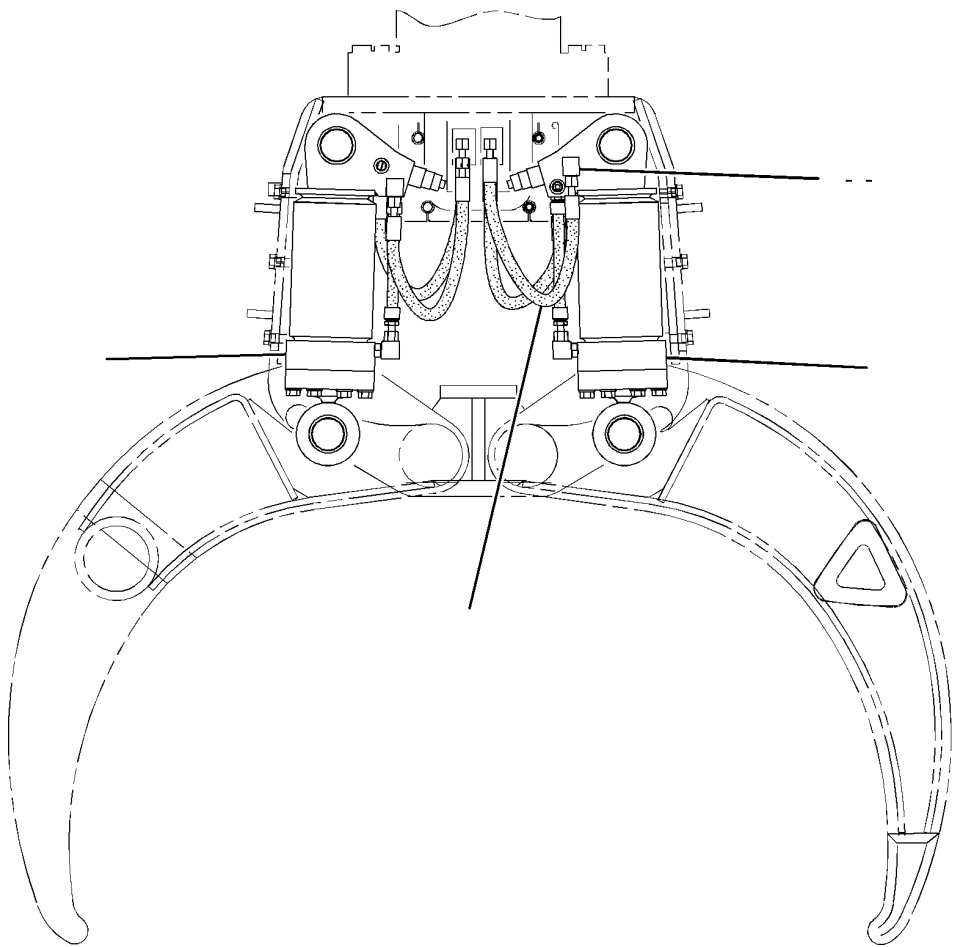
VIEW OF AREA A
(WITH ROTATION GROUP REMOVED)

Ref.	Part number	Description	Qty	Code	Group page
1	240-4904	PLATE	1		
2	240-4923	PLATE	2		
3	249-1011	PLATE AS	2		
4	249-1015	PLATE AS	2		
5	249-1018	PLATE	1		

249-1006 CYLINDER & LINES GP-GRAPPLE

249-1006 CYLINDER & LINES GP-GRAPPLE S/N GRA1-UP; T2A1-UP; GRB1-UP PART OF 249-3143, 249-3145, 249-3146 GRAPPLE AR-SHOVEL

Drawing 1 of 1



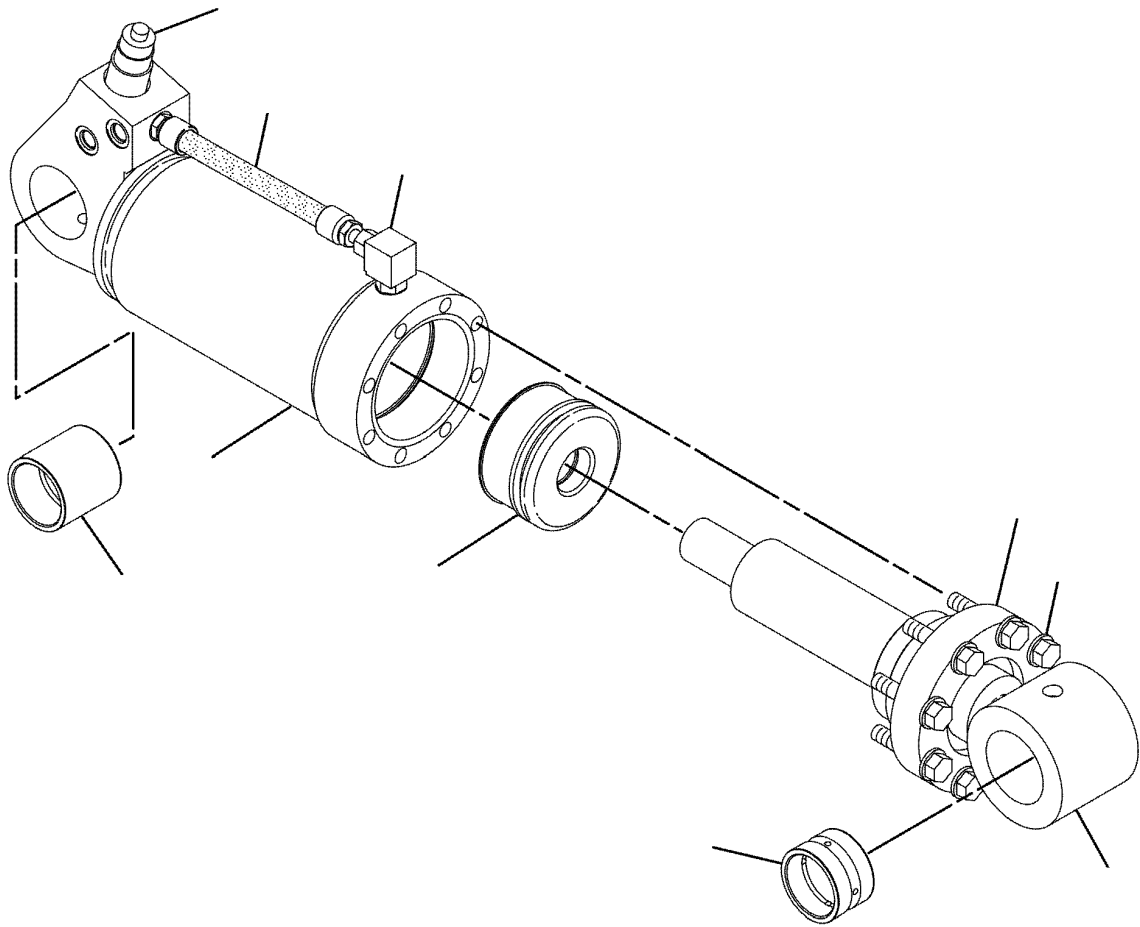
Ref.	Part number	Description	Qty	Code	Group page
1	188-7678	HOSE AS	4	I	
2	249-0997	CYLINDER GP-HYDRAULIC (GRAPPLE)	2	Y	
3	2M-9780	SEAL-O-RING	4		
4	6V-8398	SEAL-O-RING	4		
5	6V-8721	ELBOW	4		

CAT codes: I, Y.

249-0997 CYLINDER GP-HYDRAULIC

249-0997 CYLINDER GP-HYDRAULIC S/N GRA1-UP; T2A1-UP; GRB1-UP 127-MM (5-IN) BORE X 209.55-MM (8.25-IN) STROKE PART OF 249-1006 CYLINDER & LINES GP-GRAPPLE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	249-0998	TUBE AS	1		
2	249-0999	ROD AS	1		
3	249-1003	HOSE AS	1	I	
4	249-1004	PISTON	1		
5	249-1005	HEAD	1		
6	250-5772	VALVE AS	1	J	
7	1B-4367	BOLT (5/8-11X3-IN)	8		
8	2M-9780	SEAL-O-RING	2		
9	4K-0300	BUSHING	1		
10	5G-0554	BUSHING	2		
11	5P-8247	WASHER-HARD (17X32X3.5-MM THK)	8		
12	6V-8398	SEAL-O-RING	1		
13	6V-8721	ELBOW	1		
AVAILABLE REPAIR KIT(S):					

249-0997 CYLINDER GP-HYDRAULIC (continued)

Ref.	Part number	Description	Qty	Code	Group page
	249-1002	KIT-SEAL	1		
(INCLUDES RINGS & SEALS)					
	114-3613	KIT-SEAL	1	J	
(INCLUDES RINGS & SEALS)					

CAT codes: I, J.

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)	.		

261-4654 MOTOR GP-GEROTOR

261-4654 MOTOR GP-GEROTOR PART OF 249-0172 ROTATOR GP-HYDRAULIC

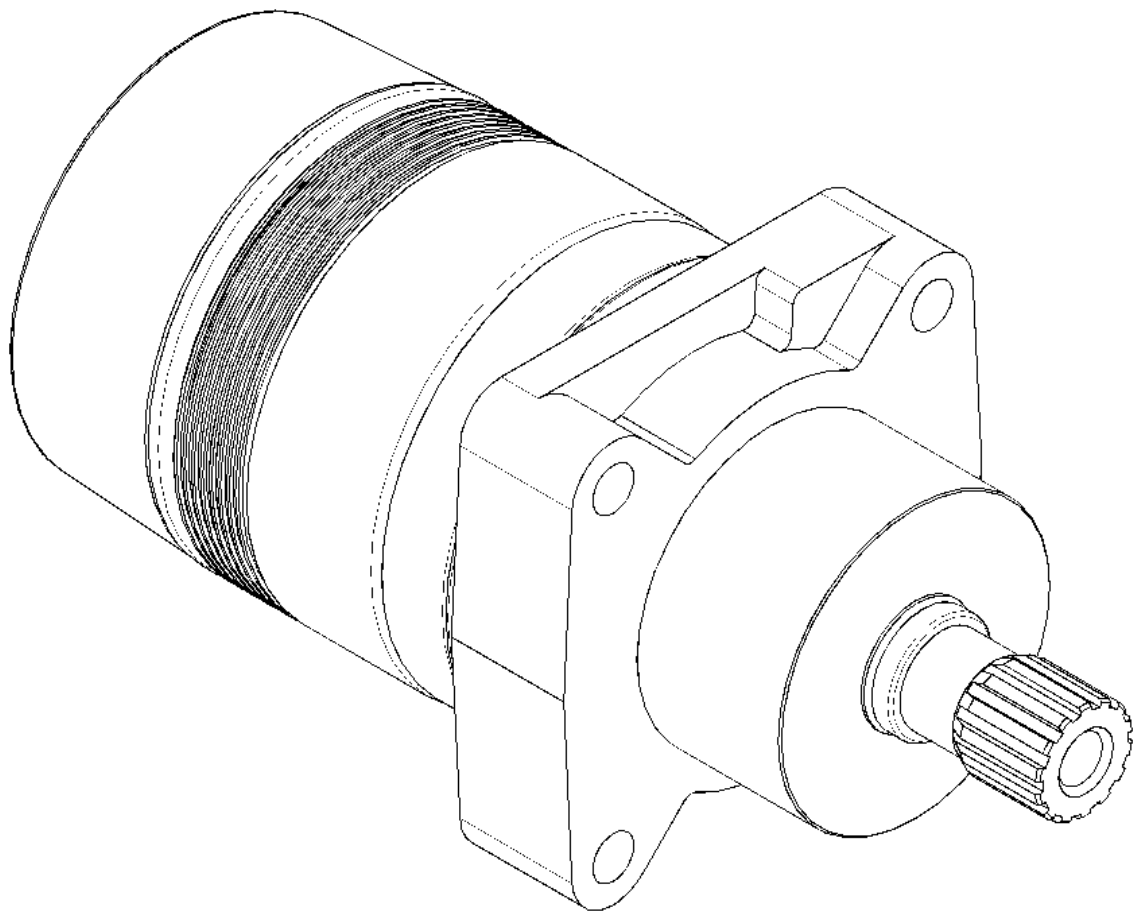
Kit / parts list. The current source card does not provide a separate drawing.

Ref.	Part number	Description	Qty	Code	Group page
	9T-9072	KIT-SEAL (BROOM MOTOR)	1		
(INCLUDES RING, SEALS, SHIM & GREASE PACK)					
	261-4651	VALVE AS-RELIEF (1500-PSI)	1		
	261-4652	VALVE AS-RELIEF (2000-PSI)	1		
	261-4653	VALVE AS-RELIEF (3000-PSI)	1		

268-2792 MOTOR GP-GEROTOR

268-2792 MOTOR GP-GEROTOR PART OF 249-0172 ROTATOR GP-HYDRAULIC

Drawing 1 of 1



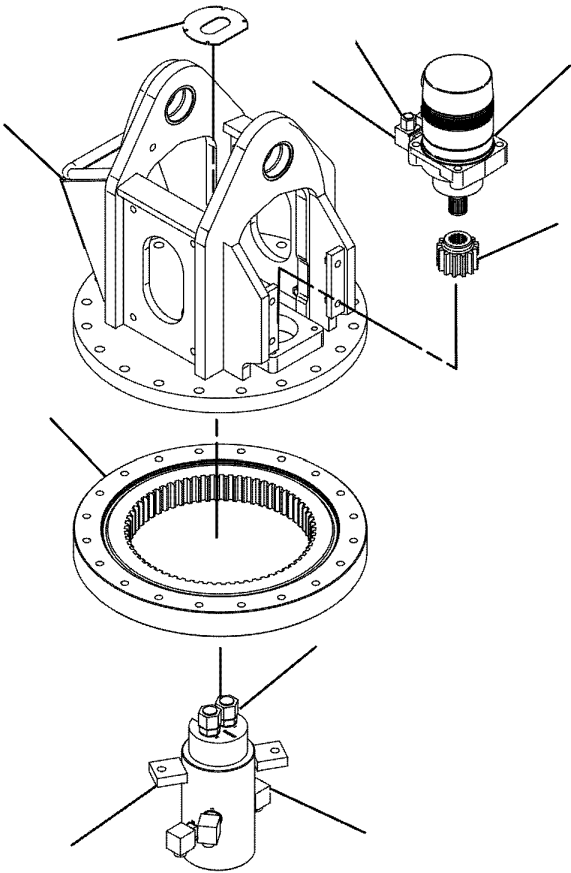
Ref.	Part number	Description	Qty	Code	Group page
	261-4651	VALVE AS-RELIEF (1500-PSI)	1	F	
	261-4652	VALVE AS-RELIEF (2000-PSI)	1	F	
	261-4653	VALVE AS-RELIEF (3000-PSI)	1	F	
AVAILABLE REPAIR KIT(S):					
	9T-9072	KIT-SEAL (MOTOR)	1		
(INCLUDES SHAFT SEAL, LIP SEAL, COMMUTATOR SEAL, SECTION SEALS, BACKUP RING, SHIM & GREASE PACK)					

CAT codes: F.

249-0172 ROTATOR GP-HYDRAULIC

249-0172 ROTATOR GP-HYDRAULIC PART OF 249-3142, 249-3143, 249-3145, 249-3146 GRAPPLE AR-SHOVEL Type 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	224-4182	GEAR & BEARING AS	1		
2	224-4196	GEAR-PINION (13-TEETH)	1		
3	240-4896	PLATE AS	1		
	4K-0299	BUSHING	2		
	6V-8149	NUT (M12X1.75-THD)	12	M	
4	244-3413	MANIFOLD GP-ROTATOR	1	J	
	9S-4368	RING-RETAINING	1		
5	261-4654	MOTOR GP-GEROTOR	1	Y	
6	249-0174	PLATE	1		
7	2M-9780	SEAL-O-RING	8		
8	6V-8398	SEAL-O-RING	6		
9	6V-8640	CONNECTOR	2		
10	6V-8721	ELBOW	6		
11	6V-9746	SEAL-O-RING	2		
12	6V-9830	CAP AS	2		

249-0172 ROTATOR GP-HYDRAULIC (continued)

Ref.	Part number	Description	Qty	Code	Group page
13	6V-9832	CAP AS	2		
AVAILABLE REPAIR KIT(S):					
	268-8893	KIT-SEAL	1	J	
(INCLUDES PISTON SEALS, LIP SEALS, O-RING SEALS,& THRUST WASHER)					

CAT codes: J, M, Y.

MANUALS-KOMATSU.COM

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