

CATERPILLAR GSH440

A3K / SEBP7703

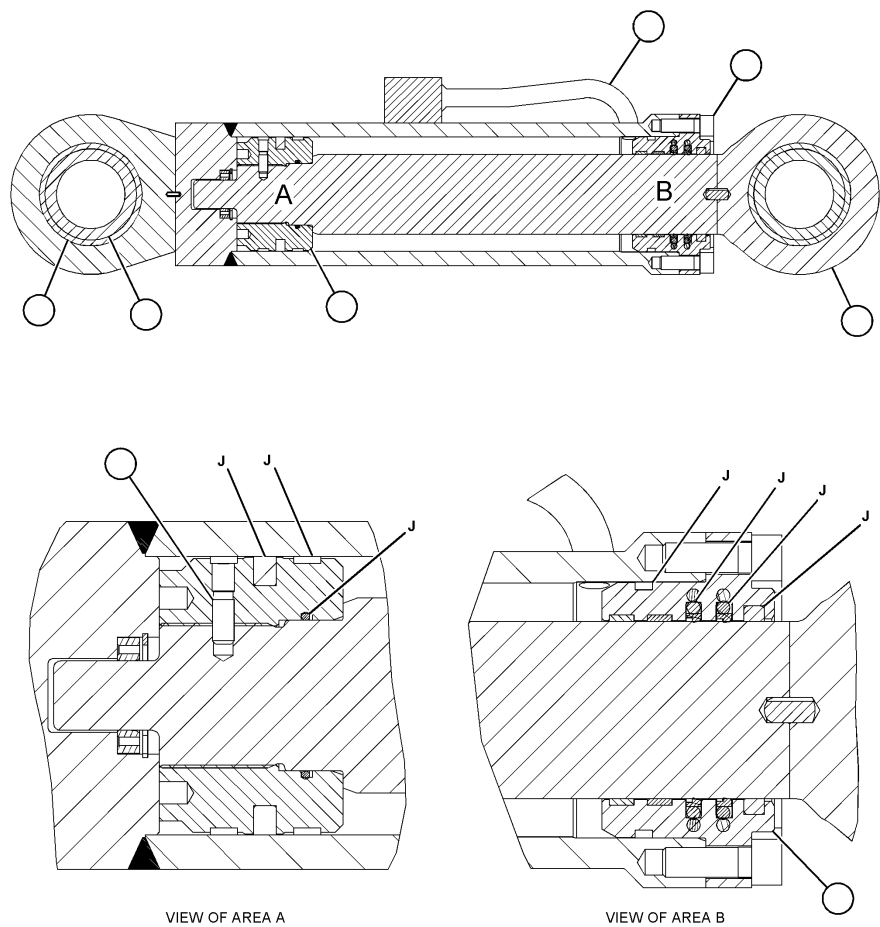
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Hydraulic system	

454-4569 CYLINDER GP-GRAPPLE

454-4569 CYLINDER GP-GRAPPLE 100-MM (3.9- IN) BORE X 280-MM (11.0-IN) STROKE PART OF 454-4629 GRAPPLE GP-HYDRAULIC

Drawing 1 of 1



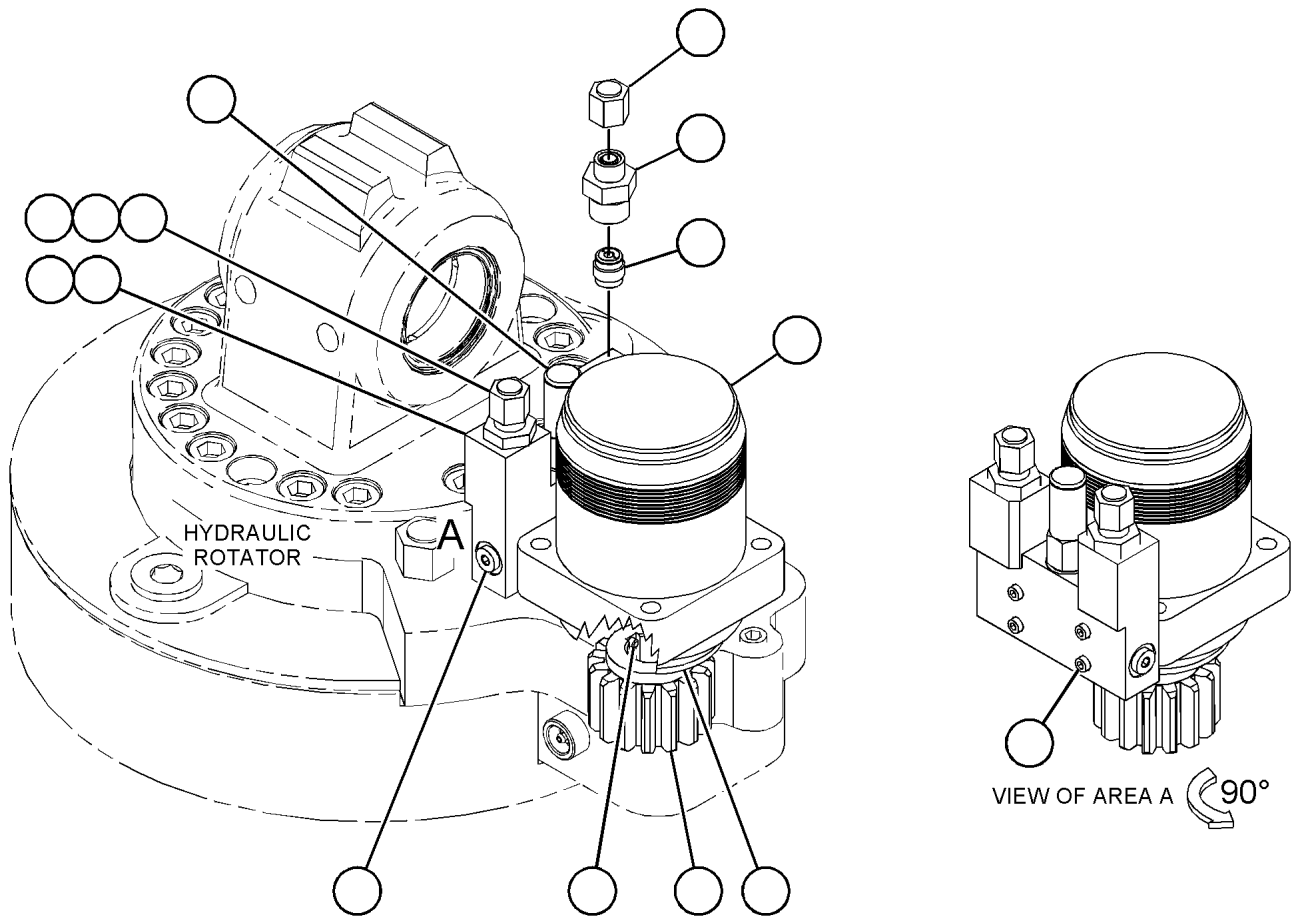
Ref.	Part number	Description	Qty	Code	Group page
1	346-4058	PISTON	1		
2	8T-0707	RING-RETAINING (INTERNAL)	2		
3	8T-0351	SETSCREW-SOCKET (M8X1.25X16-MM)	1	M	
4	8G-4189	BEARING-SELF-ALIGNING	2		
5	6V-8200	BOLT-SOCKET HEAD (M12X1.75X35-MM)	16	M	
6	457-8071	HEAD	1		
7	457-8070	ROD AS	1		
8	457-8069	CYLINDER AS-HYDRAULIC	1		
AVAILABLE REPAIR KIT(S):					
	426-2624	KIT-SEAL (GRAPPLE CYLINDER)	1	J	

CAT codes: J, M.

454-7020 MOTOR & MANIFOLD GP-ROTATOR

454-7020 MOTOR & MANIFOLD GP-ROTATOR S/N A3K1-140 PART OF 454-7022 ROTATOR GP-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	151-6282	BOLT-SOCKET HEAD (M6X1X40-MM)	4	M	
2	170-3080	VALVE AS (FLOW CONTROL)	2		
(EACH INCLUDES)					
	086-0972	SEAL-O-RING	1		
3	170-3377	GEAR-DRIVE (15-TEETH)	1		
4	230-9258	RING-MOUNTING	1		
5	274-5498	MOTOR GP-GEROTOR	1		
6	278-9748	SEAL-O-RING	2		
7	280-7212	VALVE-PRESSURE	1		
8	490-6909	MANIFOLD	1		
9	366-4695	PLUG AS	3		
(EACH INCLUDES)					
	3j-1907	SEAL-O-RING	1		
	360-3679	PLUG-CONNECTOR (9/16-18-THD)	1		
10	148-8328	CONNECTOR AS	2		

454-7020 MOTOR & MANIFOLD GP-ROTATOR (continued)

Ref.	Part number	Description	Qty.	Code	Group page
(EACH INCLUDES)					
	3D-2824	SEAL-O-RING	1		
	6V-8398	SEAL-O-RING	1		
	6V-8633	CONNECTOR	1		
11	6V-9676	SETSCREW-SOCKET (M6X1X16-MM)	1	M	
12	6V-9830	CAP (ORFS)	2		

CAT codes: M.

488-1310 MOTOR & MANIFOLD GP-ROTATOR

488-1310 MOTOR & MANIFOLD GP-ROTATOR S/N A3K141-UP PART OF 482-8779 ROTATOR GP-HYDRAULIC

Drawing unavailable in the current source. The parts list is preserved below.

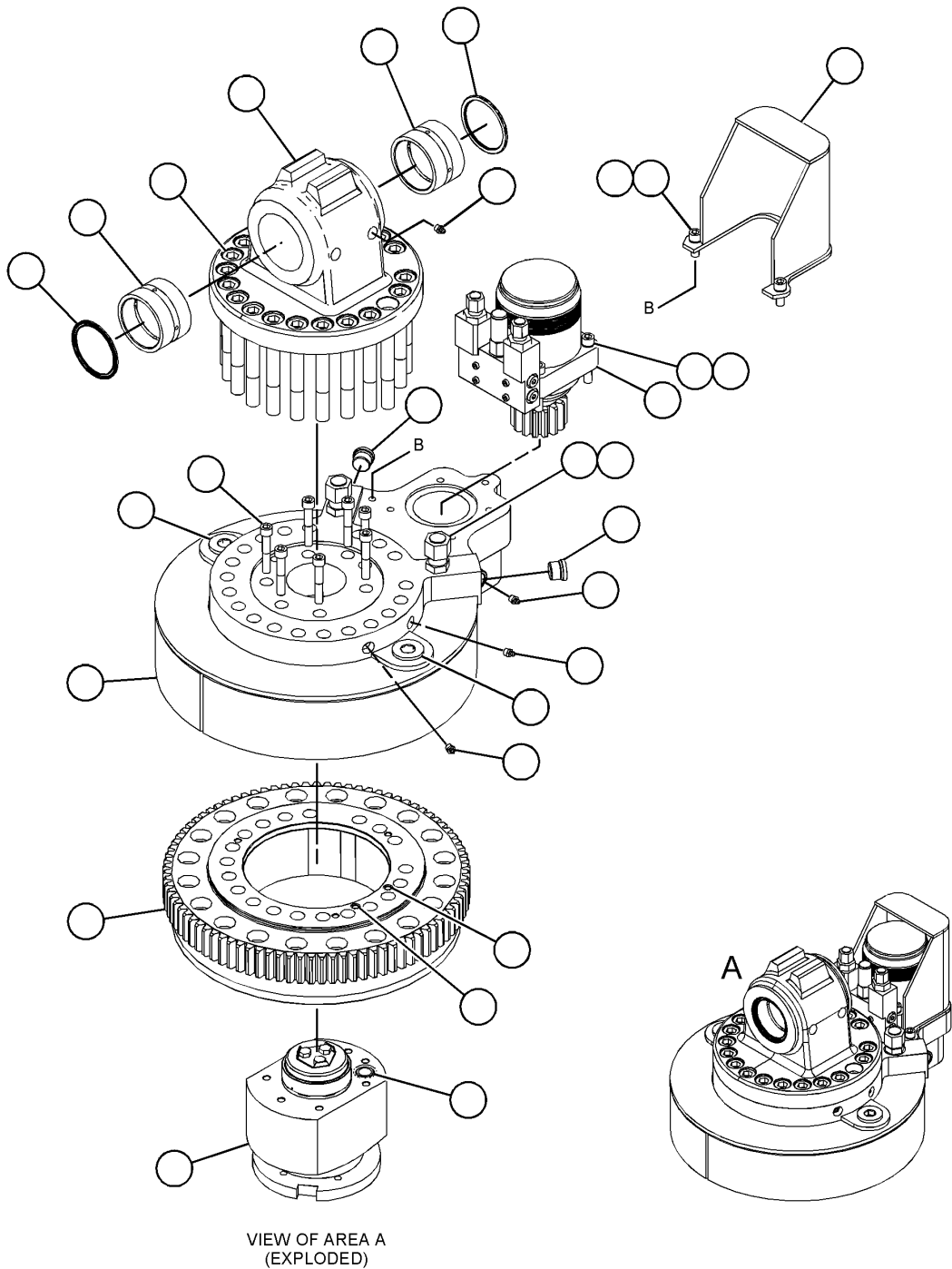
Ref.	Part number	Description	Qty	Code	Group page
1	151-6282	BOLT-SOCKET HEAD (M6X1X40-MM)	4	M	
2	170-3080	VALVE AS	2		
(EACH INCLUDES)					
	086-0972	SEAL-O-RING	1		
3	170-3377	GEAR-DRIVE (15-TEETH)	1		
4	270-7533	SPACER-SPECIAL	1		
5	274-5498	MOTOR GP-GEROTOR	1		
6	278-9748	SEAL-O-RING	2		
7	280-7212	VALVE-PRESSURE	1		
8	490-6909	MANIFOLD	1		
9	366-4695	PLUG AS	3		
(EACH INCLUDES)					
	3J-1907	SEAL-O-RING	1		
	360-3679	PLUG-CONNECTOR (9/16-18-THD)	1		
10	148-8328	CONNECTOR AS	2		
(EACH INCLUDES)					
	3D-2824	SEAL-O-RING	1		
	6V-8398	SEAL-O-RING	1		
	6V-8633	CONNECTOR	1		
11	6V-9676	SETSCREW-SOCKET (M6X1X16-MM)	1	M	
12	6V-9830	CAP (ORFS)	2		

CAT codes: M.

454-7022 ROTATOR GP-HYDRAULIC

454-7022 ROTATOR GP-HYDRAULIC S/N A3K1-140 PART OF 454-4629 GRAPPLE GP-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	5		
2	096-0854	SEAL-LIP TYPE	2		
3	274-3700	COVER AS	1		
4	369-6861	PLUG AS	2		
(EACH INCLUDES)					

454-7022 ROTATOR GP-HYDRAULIC (continued)

Ref.	Part number	Description	Qty	Code	Group page
	3D-2824	SEAL-O-RING	1		
	360-3682	PLUG-O-RING	1		
5	369-6863	PLUG AS	2		
(EACH INCLUDES)					
	2S-4078	SEAL-O-RING	1		
	360-3685	PLUG	1		
6	372-1544	HEAD	1		
7	424-6896	SWIVEL GP	1	Y	
8	279-2252	SEAL-O-RING	2		
9	454-7020	MOTOR & MANIFOLD GP-ROTATOR	1	Y	
10	454-7021	HOUSING AS	1		
	194-6246	INSERT	1		
11	460-3063	GEAR & BEARING GP	1		
	463-3735	SEAL (210-CM)		E	
12	111-7604	BUSHING	2		
13	148-8327	CONNECTOR AS	2		
(EACH INCLUDES)					
	3D-2824	SEAL-O-RING	1		
	6V-8637	CONNECTOR	1		
	6V-9746	SEAL-O-RING	1		
14	159-1119	LOCKWASHER	7		
15	113-7430	BOLT-SOCKET HEAD (M20X2.5X150-MM)	20	M	
16	3E-6780	SEAL-O-RING	2		
17	3E-6910	BOLT-SOCKET HEAD (M12X1.75X70-MM)	11	M	
18	6V-9832	CAP (ORFS)	2		
19	8T-3957	BOLT-SOCKET HEAD (M12X1.75X30-MM)	3	M	

CAT codes: E, M, Y.

482-8779 ROTATOR GP-HYDRAULIC

482-8779 ROTATOR GP-HYDRAULIC S/N A3K141-UP PART OF 454-4629 GRAPPLE GP-HYDRAULIC

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

Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	5		
2	369-6861	PLUG AS	2		
(EACH INCLUDES)					
	3D-2824	SEAL-O-RING	1		
	360-3682	PLUG-O-RING	1		
3	369-6863	PLUG AS	2		
(EACH INCLUDES)					
	2S-4078	SEAL-O-RING	1		
	360-3685	PLUG	1		
4	372-1544	HEAD	1		
5	460-3063	GEAR & BEARING GP	1		
	463-3735	SEAL (210-CM)		E	
6	482-8773	SWIVEL GP	1	Y	
7	482-8778	HOUSING AS-ROTATOR	1		
7A	161-4130	PLATE-IDENTIFICATION (CAT)	1		
	194-6246	INSERT	1		
8	488-1310	MOTOR & MANIFOLD GP-ROTATOR	1	Y	5
9	096-0854	SEAL-LIP TYPE	2		
10	111-7604	BUSHING	2		
11	113-7430	BOLT-SOCKET HEAD (M20X2.5X150-MM)	20	M	
12	148-8317	CONNECTOR AS	2		
(EACH INCLUDES)					
	3D-2824	SEAL-O-RING	1		
	5K-9090	SEAL-O-RING	1		
	6V-8714	CONNECTOR	1		
13	159-1119	LOCKWASHER	4		
14	9X-7409	SEAL-O-RING	2		
15	6V-4591	SEAL-O-RING	1		
16	6V-6339	SEAL-O-RING	2		
17	6V-9833	CAP	2		

482-8779 ROTATOR GP-HYDRAULIC (continued)

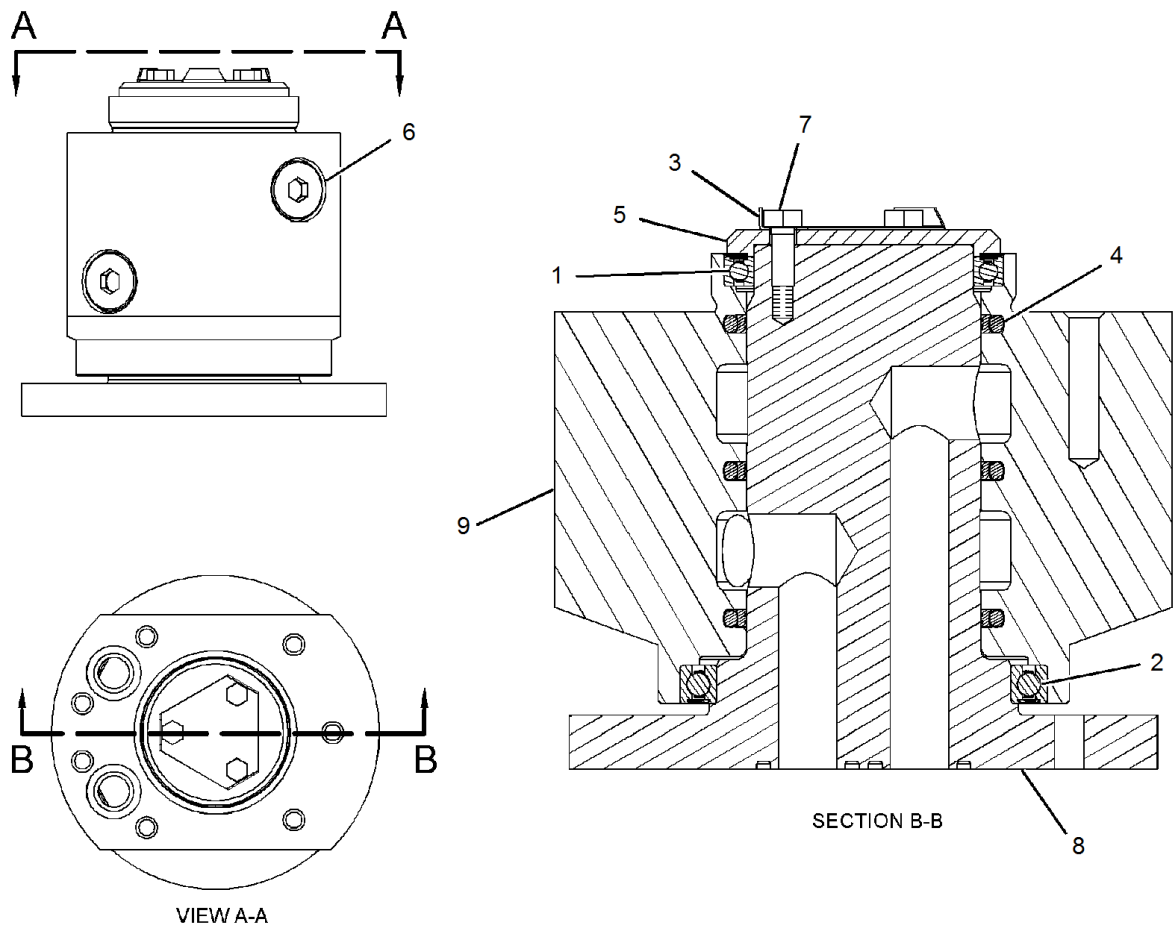
Ref.	Part number	Description	Qty	Code	Group page
18	8C-8729	BOLT-SOCKET HEAD (M12X1.75X80-MM)	4	M	
19	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		
20	8T-4648	BOLT (M12X1.75X70-MM)	8	M	

CAT codes: E, M, Y.

424-6896 SWIVEL GP

424-6896 SWIVEL GP S/N A3K1-140 PART OF 454-7022 ROTATOR GP-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	433-7174	BALL BEARING	1		
2	279-2563	BALL BEARING	1		
3	424-6895	PLATE-LOCK	1		
4	353-5264	SEAL	3		
5	424-6894	RING	1		
6	145-3581	PLUG	2		
7	8T-4195	BOLT (M10X1.5X30-MM)	3	M	
8	424-6891	STATOR	1		
9	424-6893	ROTOR	1		

CAT codes: M.

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