

CATERPILLAR GSH20

H2Y / SEBP4433

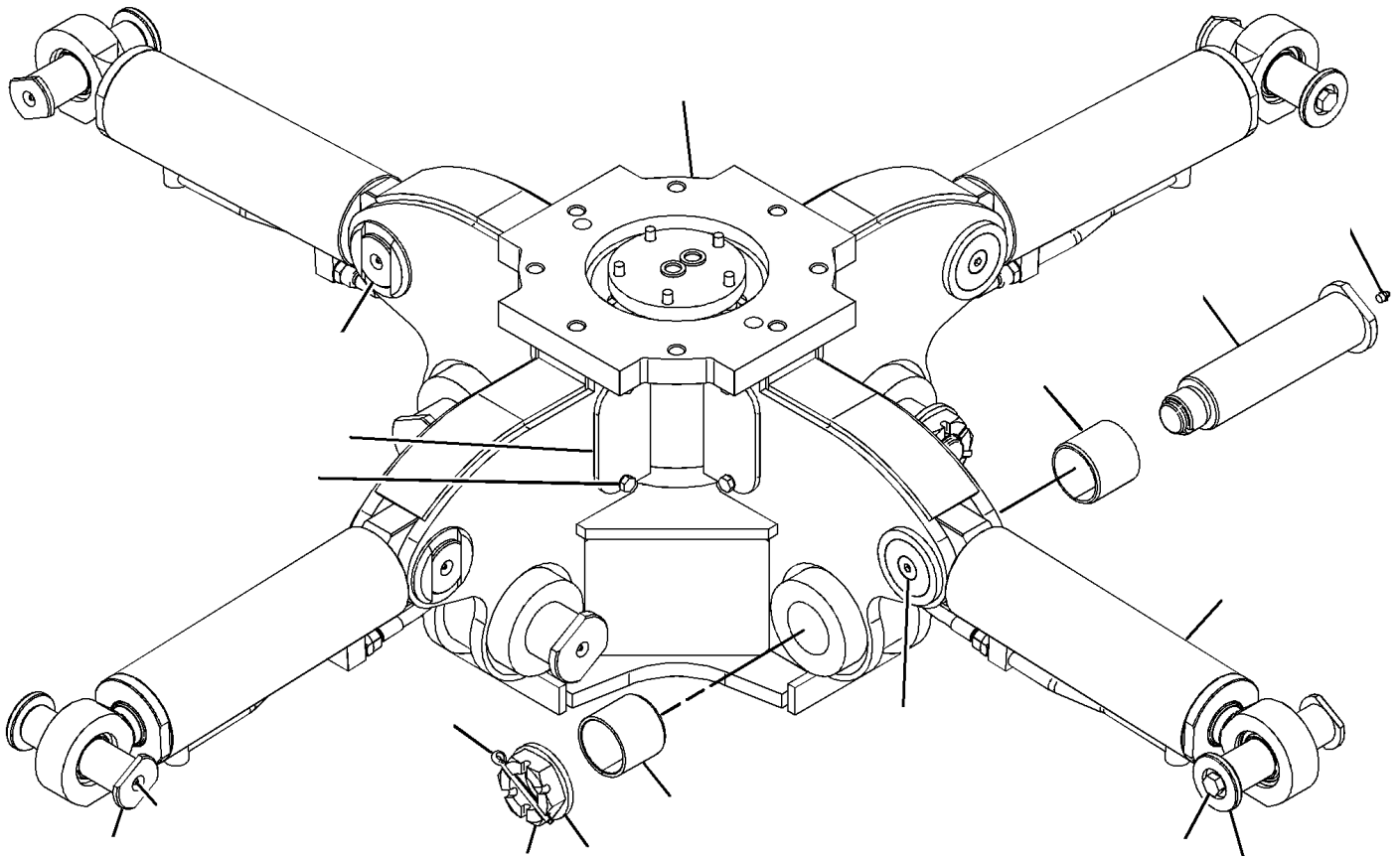
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259-9621 HOUSING GP-GRAPPLE -HYDRAULIC

259-9621 HOUSING GP-GRAPPLE -HYDRAULIC S/N H2Y1-UP PART OF 259-9612, 259-9616, 259-9620 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	12		
2	159-1119	LOCKWASHER	16		
3	159-1121	LOCKWASHER	4		
4	211-7406	COVER	8		
5	215-6701	PLATE-LOCK	4		
6	215-6704	PLATE-LOCK	4		
7	215-7516	NUT (M52X3-THD)	4	M	
8	230-0847	BUSHING	8		
9	231-1117	CYLINDER & LINES GP-GRAPPLE	1	Y	
10	250-8013	PIN	4		
11	250-8057	PIN	4		
12	257-1732	HOUSING AS	1		
13	259-9707	PIN	4		
14	095-0865	PIN-COTTER	4		
15	215-6729	WASHER (54X98X8-MM THK)	4		

259-9621 HOUSING GP-GRAPPLE -HYDRAULIC (continued)

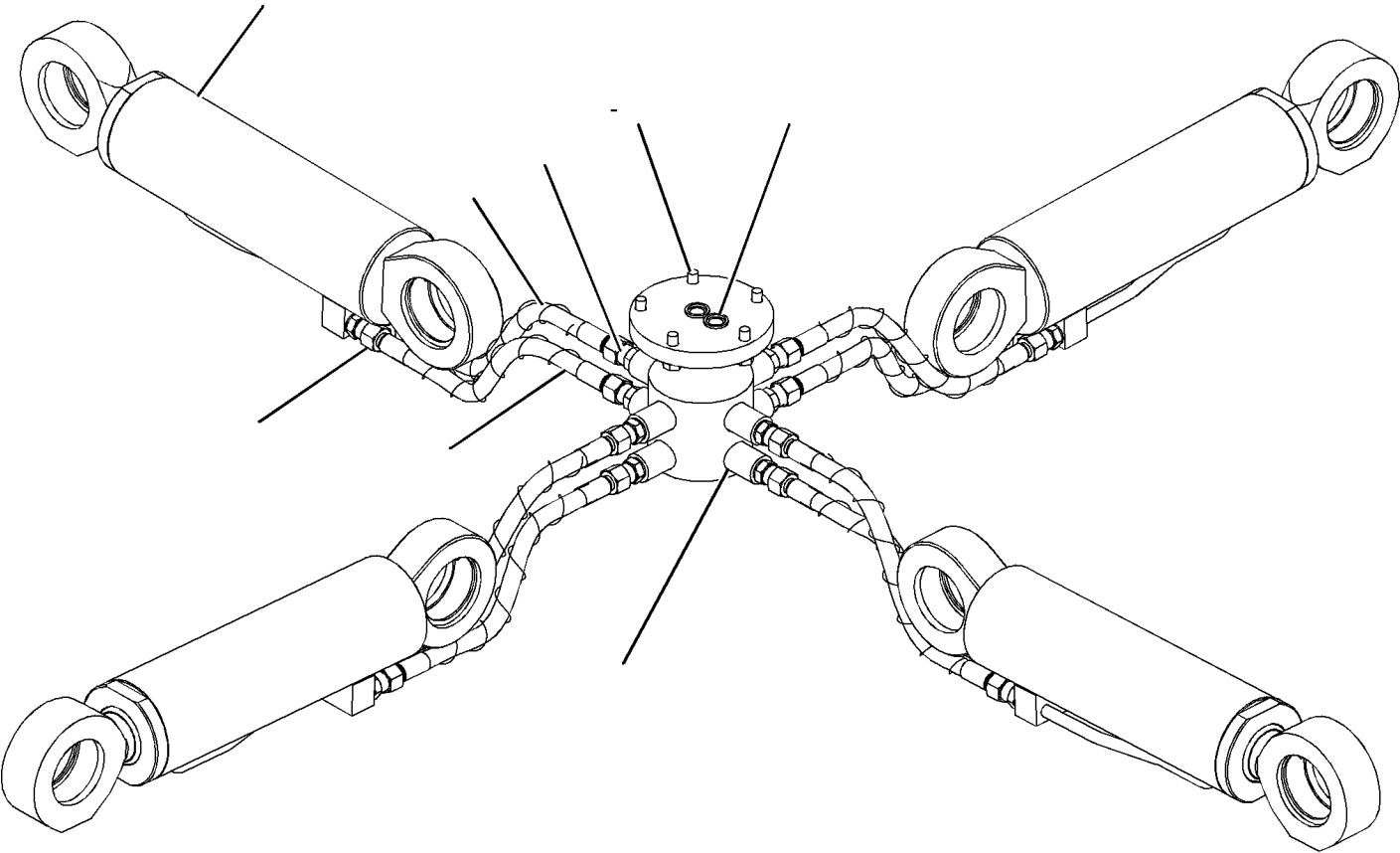
Ref.	Part number	Description	Qty	Code	Group page
16	8C-6789	SCREW-HEX SOCKET	4	M	
17	8T-4190	BOLT (M16X2X25-MM)	4	M	
18	8T-4192	BOLT (M12X1.75X25-MM)	16	M	

CAT codes: M, Y.

231-1117 CYLINDER & LINES GP-GRAPPLE

231-1117 CYLINDER & LINES GP-GRAPPLE S/N H2Y1-UP PART OF 259-9621 HOUSING GP-GRAPPLE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	144-1055	ADAPTER AS	8		
(EACH INCLUDES)					
	155-9644	SEAL	1		
2	159-1119	LOCKWASHER	5		
3	211-7409	MANIFOLD AS	1		
4	221-8496	ADAPTER AS	8		
(EACH INCLUDES)					
	162-2254	SEAL	1		
5	228-4041	HOSE AS	4		
(EACH INCLUDES)					
	123-2341	SEAL-O-RING	2		
6	231-5809	CYLINDER GP-HYDRAULIC	4	Y	
7	233-2131	HOSE AS	4		
(EACH INCLUDES)					

231-1117 CYLINDER & LINES GP-GRAPPLE (continued)

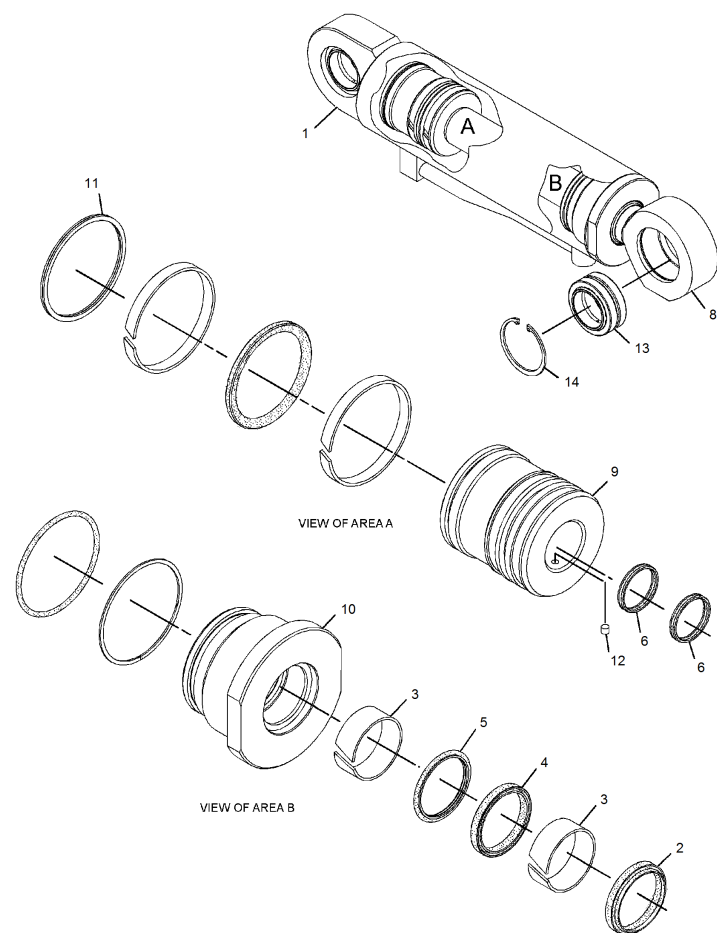
Ref.	Part number	Description	Qty	Code	Group page
	123-2341	SEAL-O-RING	2		
8	248-0325	SEAL-RING	2		
9	6V-8200	BOLT-SOCKET HEAD (M12X1.75X35-MM)	5	M	

CAT codes: M, Y.

231-5809 CYLINDER GP-HYDRAULIC

231-5809 CYLINDER GP-HYDRAULIC S/N H2Y1-UP 90-MM(3.54-IN) BORE X 230-MM(9.06-IN) STROKE PART OF 231-1117 CYLINDER & LINES GP-GRAPPLE Type 1

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	231-5812	CYLINDER AS	1		
2	221-2322	SEAL-WIPER	1	J	
3	221-2323	RING-WEAR	2	J	
4	221-2325	SEAL-WIPER	1	J	
5	221-2326	SEAL AS	1	J	
6	222-3760	SEAL	2	J	
8	231-5813	ROD	1		
9	231-5814	PISTON	1		
10	231-5818	HEAD	1		
11	231-9179	RING	1		
12	6V-9327	SETSCREW-SOCKET (M6X1-THD)	1	M	
13	8T-0333	BEARING	2		
14	8T-9599	RING-RETAINING	2		

PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY

231-5809 CYLINDER GP-HYDRAULIC (continued)

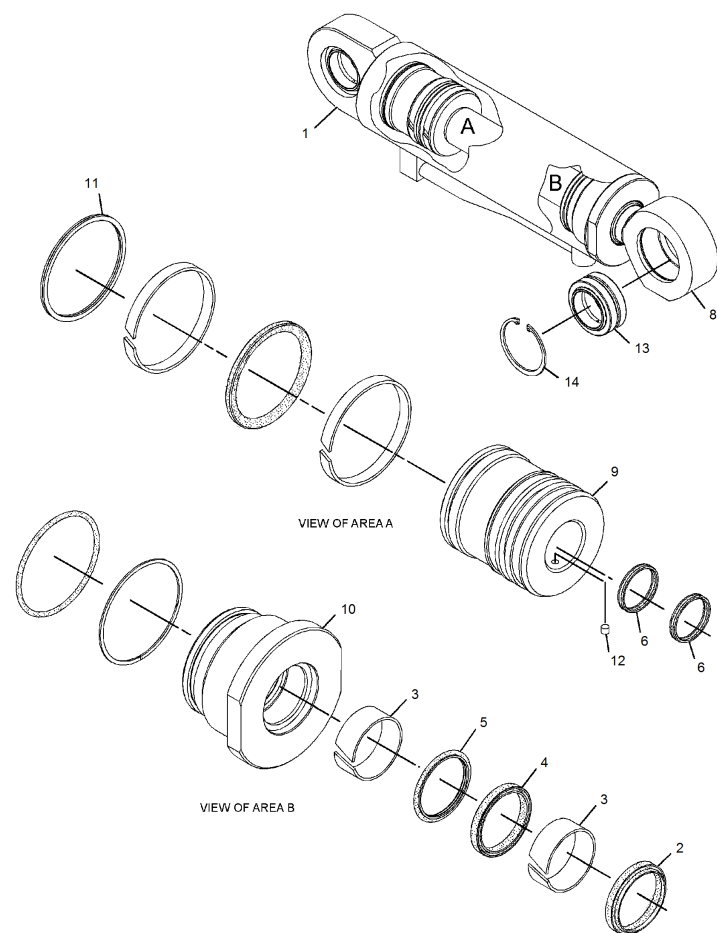
Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPAIR KIT(S):					
	231-5820	KIT-SEAL (HYDRAULIC CYLINDER)	1	J	
(ALSO INCLUDES BACKUP RING, O-RING SEAL, SEAL AS & WEAR RINGS)					
	220-3592	KIT-DAMPER (HYDRAULIC CYLINDER)	1		
(INCLUDES PLUG, RETAINER & ORIFICE PLATE)					

CAT codes: J, M.

231-5809 CYLINDER GP-HYDRAULIC

231-5809 CYLINDER GP-HYDRAULIC S/N H2Y1-UP 90-MM(3.54-IN) BORE X 230-MM(9.06-IN) STROKE PART OF 231-1117 CYLINDER & LINES GP-GRAPPLE Type 2

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	231-5812	CYLINDER AS	1		
2	221-2322	SEAL-WIPER	1	J	
3	221-2323	RING-WEAR	2	J	
4	221-2325	SEAL-WIPER	1	J	
5	221-2326	SEAL AS	1	J	
6	222-3760	SEAL	2	J	
8	449-9339	ROD AS	1	C	
9	231-5814	PISTON	1		
10	231-5818	HEAD	1		
11	231-9179	RING	1		
12	8T-0351	SETSCREW-SOCKET (M8X1.25X16-MM)	1	CM	
13	8T-0333	BEARING	2		
14	8T-9599	RING-RETAINING	2		

PARTS SHOWN IN GRAPHIC(S) WITHOUT A REFERENCE NUMBER ARE NOT SERVICED SEPARATELY

231-5809 CYLINDER GP-HYDRAULIC (continued)

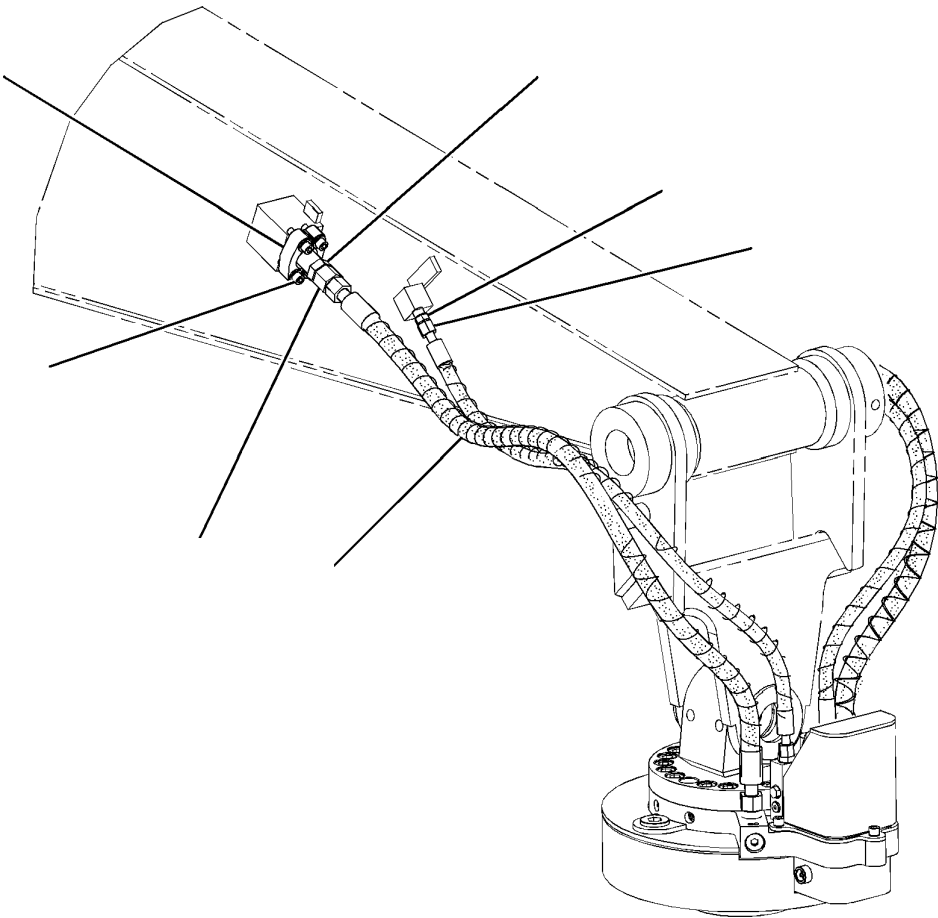
Ref.	Part number	Description	Qty.	Code	Group page
AVAILABLE REPAIR KIT(S):					
	231-5820	KIT-SEAL (HYDRAULIC CYLINDER)	1	J	
(ALSO INCLUDES BACKUP RING, O-RING SEAL, SEAL AS & WEAR RINGS)					
	220-3592	KIT-DAMPER (HYDRAULIC CYLINDER)	1		
(INCLUDES PLUG, RETAINER & ORIFICE PLATE)					

CAT codes: C, J, M.

297-7874 LINES GP-CONNECTING

297-7874 LINES GP-CONNECTING S/N H2Y1-UP FOR USE WITH 320D,322C,323D,324D,325D,328D,330D EXCAVATORS

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	7X-2608	FLANGE-ADAPTER	2		
2	131-3025	FLANGE-SPLIT	4		
3	095-0670	BOLT (M12X1.75X45-MM)	8	M	
4	148-8340	CONNECTOR AS	2		
(EACH INCLUDES)					
	3K-0360	SEAL-O-RING	1		
	6V-8398	SEAL-O-RING	1		
	6V-8639	CONNECTOR	1		
5	4J-0522	SEAL-O-RING	2		
6	6V-9746	SEAL-O-RING	2		
7	7M-8485	SEAL-O-RING	2		
8	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		

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