

CATERPILLAR GSH15B

H2H / SEBP4941

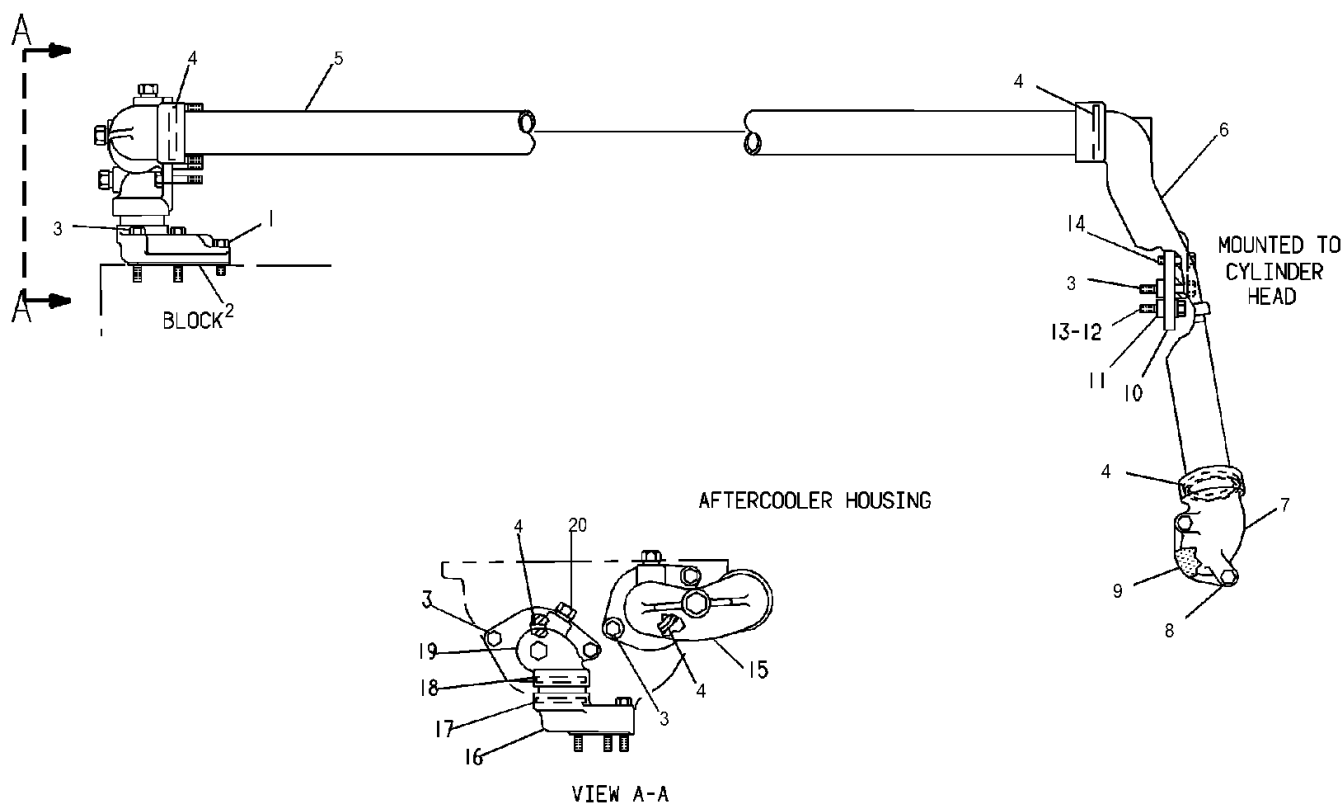
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293-3222 HOUSING GP-GRAPPLE -HYDRAULIC

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC S/N H2H1-168 PART OF 293-3158, 293-3160, 293-3161, 293-3165 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	12		
2	159-1121	LOCKWASHER	4		
3	215-6698	WASHER (43X78X7-MM THK)	4		
4	215-6701	PLATE-LOCK	4		
5	215-6704	PLATE-LOCK	4		
6	215-6705	COVER	8		
7	215-7514	LOCKNUT (M42X3-THD)	4	M	
8	216-2121	BUSHING	8		
9	259-9525	PIN	4		
10	259-9526	PIN	4		
11	259-9707	PIN	4		
12	276-8649	ROTATOR GP-HYDRAULIC	1	Y	
13	323-1622	HOUSING AS	1		
14	293-3221	CYLINDER & LINES GP-GRAPPLE	1	Y	
15	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC (continued)

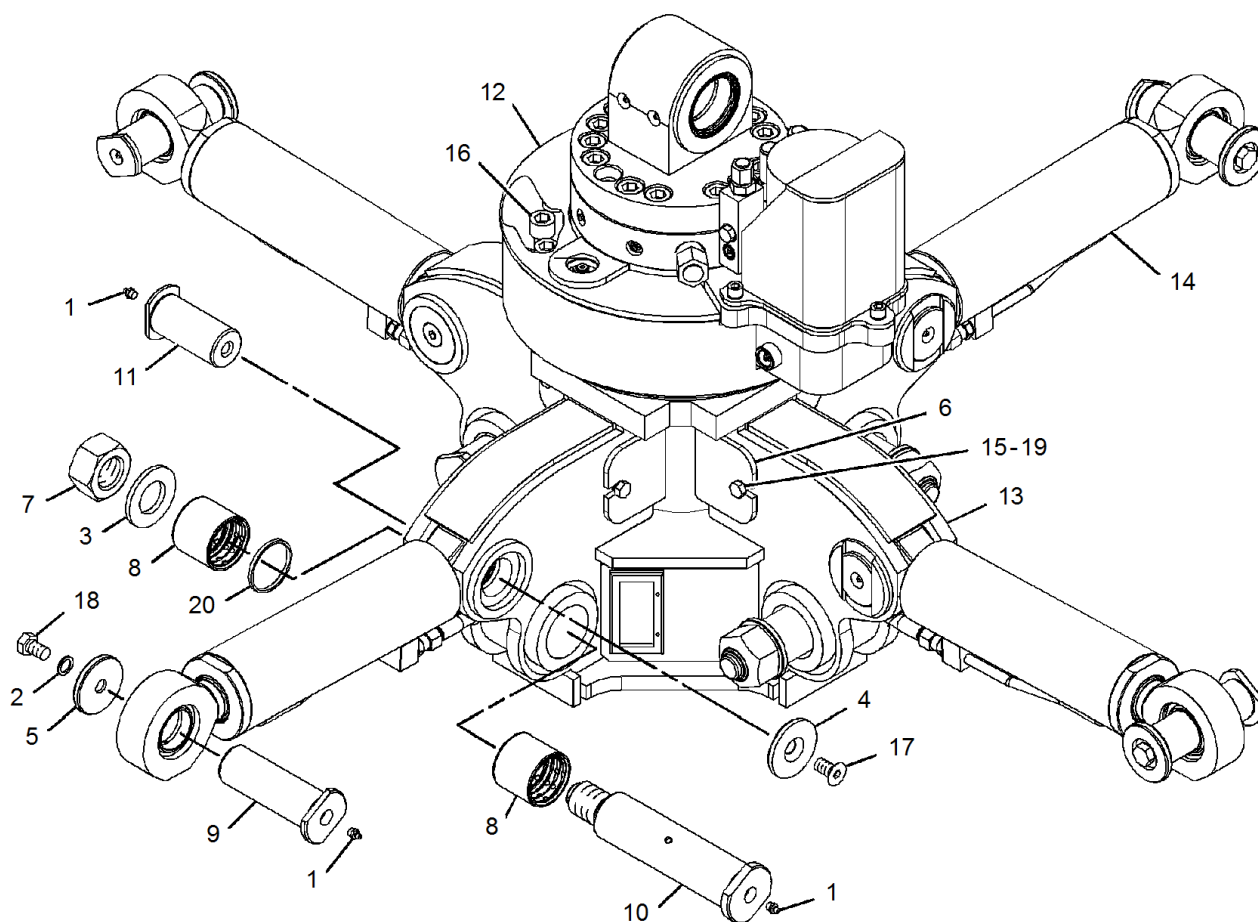
Ref.	Part number	Description	Qty	Code	Group page
16	274-5563	BOLT-SOCKET HEAD (M20X2.5X110-MM)	18	M	
17	8C-6789	SCREW-HEX SOCKET (M16X2X30-MM)	4	M	
18	8T-4190	BOLT (M16X2X25-MM)	4	M	
19	8T-4192	BOLT (M12X1.75X25-MM)	8	M	
20	323-1624	RING	4		

CAT codes: M, Y.

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC S/N H2H169-224 PART OF 293-3158, 293-3165 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	12		
2	159-1121	LOCKWASHER	4		
3	215-6698	WASHER (43X78X7-MM THK)	4		
4	215-6701	PLATE-LOCK	4		
5	215-6704	PLATE-LOCK	4		
6	215-6705	COVER	8		
7	215-7514	LOCKNUT (M42X3-THD)	4	M	
8	363-4226	BUSHING	8	C	
9	259-9525	PIN	4		
10	259-9526	PIN	4		
11	259-9707	PIN	4		
12	276-8649	ROTATOR GP-HYDRAULIC	1	Y	
13	323-1622	HOUSING AS	1		
14	293-3221	CYLINDER & LINES GP-GRAPPLE	1	Y	
15	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC (continued)

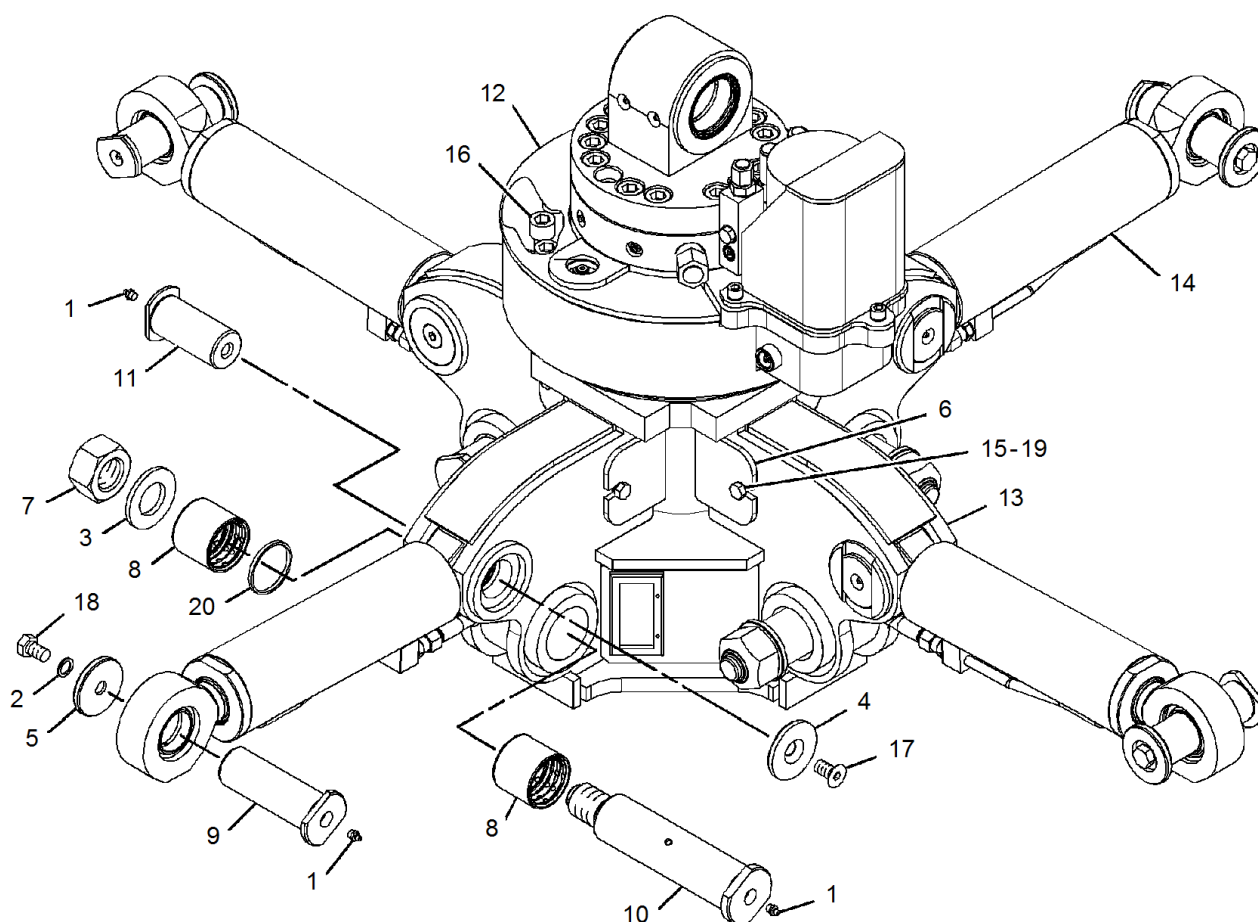
Ref.	Part number	Description	Qty	Code	Group page
16	274-5563	BOLT-SOCKET HEAD (M20X2.5X110-MM)	18	M	
17	8C-6789	SCREW-HEX SOCKET (M16X2X30-MM)	4	M	
18	8T-4190	BOLT (M16X2X25-MM)	4	M	
19	8T-4192	BOLT (M12X1.75X25-MM)	8	M	
20	323-1624	RING	4		

CAT codes: C, M, Y.

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC S/N H2H225-UP PART OF 293-3158, 293-3165, 448-0993 GRAPPLE GP, 448-0992 GRAPPLE GP-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	12		
2	159-1121	LOCKWASHER	4		
3	215-6698	WASHER (43X78X7-MM THK)	4		
4	215-6701	PLATE-LOCK	4		
5	215-6704	PLATE-LOCK	4		
6	215-6705	COVER	8		
7	215-7514	LOCKNUT (M42X3-THD)	4	M	
8	363-4226	BUSHING	8		
9	259-9525	PIN	4		
10	259-9526	PIN	4		
11	259-9707	PIN	4		
12	451-4308	ROTATOR GP-HYDRAULIC	1	CY	
13	323-1622	HOUSING AS	1		
14	293-3221	CYLINDER & LINES GP-GRAPPLE	1	Y	

293-3222 HOUSING GP-GRAPPLE -HYDRAULIC (continued)

Ref.	Part number	Description	Qty	Code	Group page
15	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		
16	274-5563	BOLT-SOCKET HEAD (M20X2.5X110-MM)	18	M	
17	8C-6789	SCREW-HEX SOCKET (M16X2X30-MM)	4	M	
18	8T-4190	BOLT (M16X2X25-MM)	4	M	
19	8T-4192	BOLT (M12X1.75X25-MM)	8	M	
20	323-1624	RING	4		

CAT codes: C, M, Y.

297-2351 CHART-CONNECTING LINES

297-2351 CHART-CONNECTING LINES S/N H2H1-UP; H2T1-UP

Drawing 1 of 1

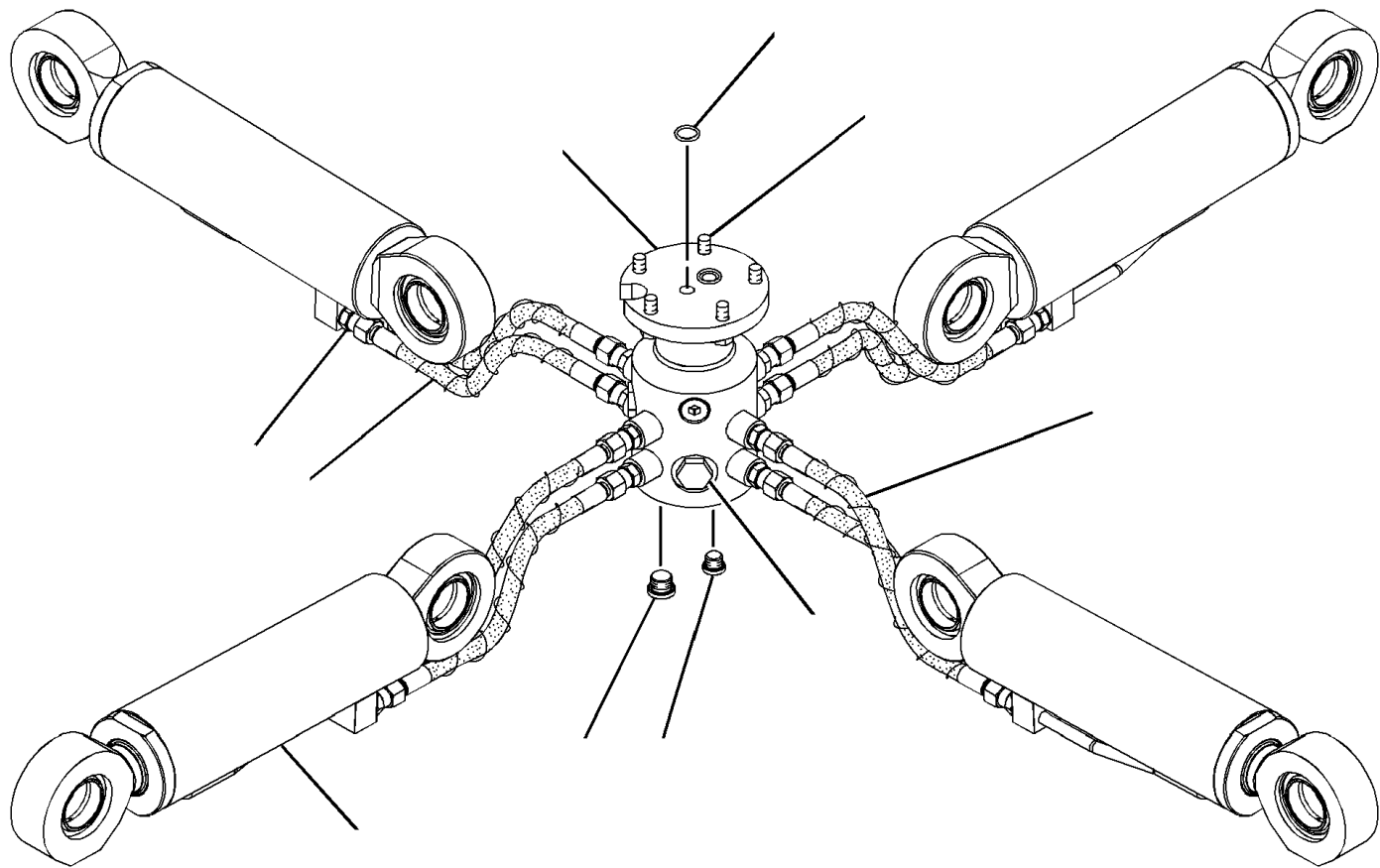
TOOL	MACHINE	LINES GP	FITTING GP			
			-3146	-3147	-3148	-3149
GSH15B	312C	-7869	X			
	315C	-7869	X			
	318C		X			
	319C	-7870	X			
	320D		X			
	323D		X			
	M315D	-7871	X	X		
	M316D		X	X		
	M318D		X	X		
	M322D		X	X		
	320C MH	-7872	X			
	M318D MH	-7873			X	X
	M322D MH				X	X

Ref.	Part number	Description	Qty	Code	Group
			.		page
PLEASE REFER TO CHART FOR USAGE					

293-3221 CYLINDER & LINES GP-GRAPPLE

293-3221 CYLINDER & LINES GP-GRAPPLE S/N H2H1-168 PART OF 293-3222 HOUSING GP-GRAPPLE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	215-6708	CYLINDER GP-HYDRAULIC	4	Y	
2	221-8496	ADAPTER AS	16		
(EACH INCLUDES)					
	162-2254	SEAL	1		
3	223-7261	VALVE GP-PRESSURE CONTROL	2		
(EACH INCLUDES)					
	308-1511	SEAL-O-RING	1		
4	276-1024	HOSE AS	4	I	
5	276-1026	HOSE AS	4	I	
6	291-9006	DISTRIBUTOR AS	1		
7	109-3203	SEAL-O-RING	2		
8	145-0653	PLUG	2		
9	159-1119	LOCKWASHER	5		
10	216-7268	PLUG AS	2		

293-3221 CYLINDER & LINES GP-GRAPPLE (continued)

Ref.	Part number	Description	Qty.	Code	Group page
(EACH INCLUDES)					
	162-2254	SEAL	1		
11	8T-4956	BOLT (M12X1.75X35-MM)	5	M	

CAT codes: I, M, Y.

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