

CATERPILLAR GSH9B

H1F / SEBP4311

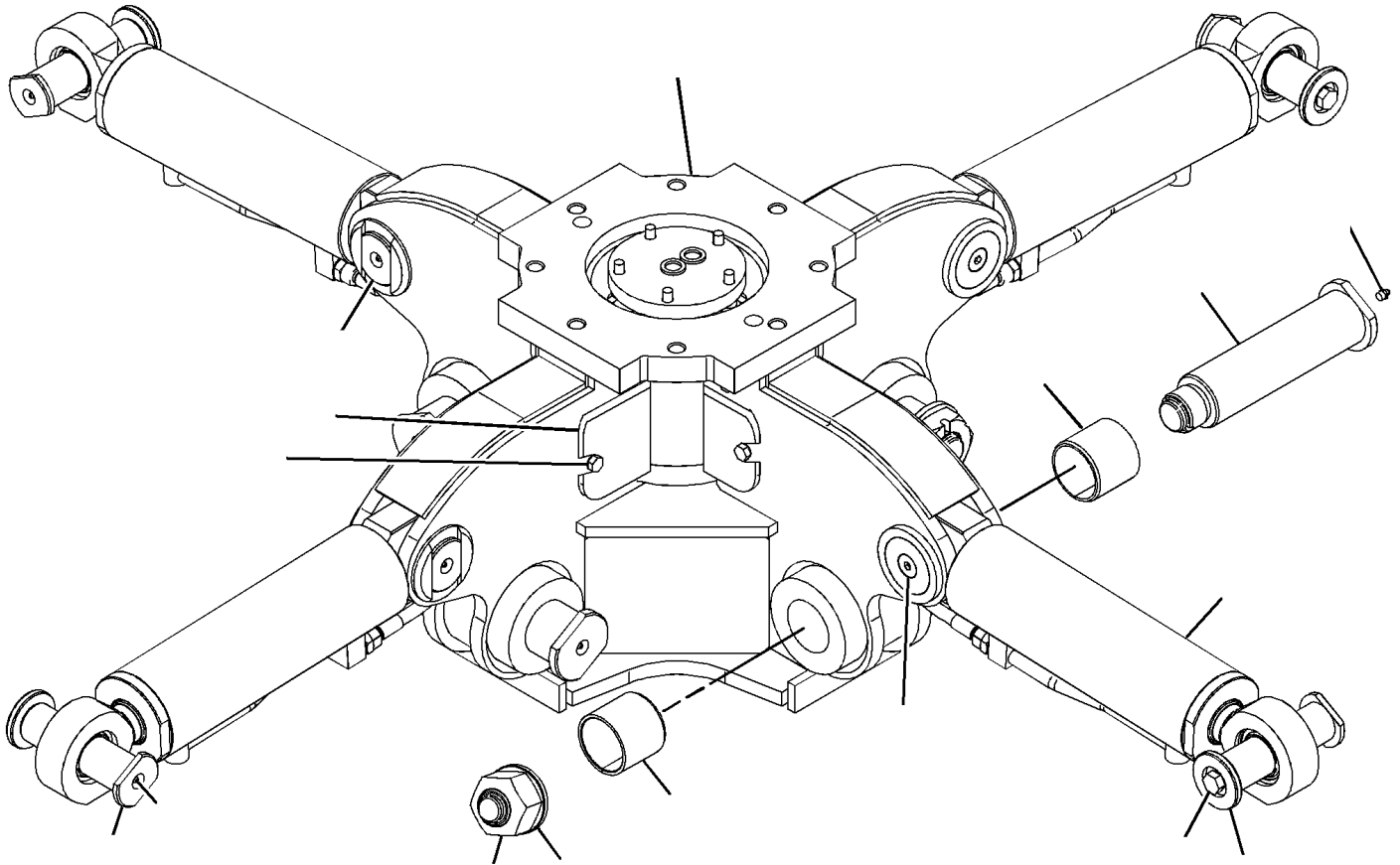
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259-9480 HOUSING GP-GRAPPLE -HYDRAULIC

259-9480 HOUSING GP-GRAPPLE -HYDRAULIC S/N H1F1-UP PART OF 259-9466, 259-9467, 259-9468, 259-9469, 259-9470, 259-9471, 259-9472, 259-9473, 259-9474, 259-9476, 259-9477, 259-9478 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	215-6694	CYLINDER & LINES GP-GRAPPLE	1	Y	
4	215-6698	WASHER (43X78X7-MM THK)	4		
5	215-6701	PLATE-LOCK	4		
6	215-6704	PLATE-LOCK	4		
7	215-6705	COVER	8		
8	215-7514	LOCKNUT (M42X3-THD)	4	M	
9	216-2121	BUSHING	8		
10	257-2791	HOUSING AS	1		
11	259-9525	PIN	4		
12	259-9526	PIN	4		
13	259-9707	PIN	4		
14	159-1119	LOCKWASHER	8		

259-9480 HOUSING GP-GRAPPLE -HYDRAULIC (continued)

Ref.	Part number	Description	Qty	Code	Group page
15	8C-6789	SCREW-HEX SOCKET	4	M	
16	8T-4190	BOLT (M16X2X25-MM)	4	M	
17	8T-4192	BOLT (M12X1.75X25-MM)	8	M	

CAT codes: M, Y.

259-9655 CHART-CONNECTING LINES

259-9655 CHART-CONNECTING LINES S/N H1F1-UP; H1H1-UP

Drawing 1 of 1

TOOL	MACHINE	LINES GP	FITTING GP					
			-3146	-3147	-3148	-3149	-1437	-1436
GSH15B	M315C	-3129	X	X				
	M316C		X	X				
	M318C		X	X				
	M322C		X	X				
	312C	-3131	X					
	315C		X					
	318C		X					
	319C	-3133	X					
	320C		X					
	321C		X					
	M318CMH	-3134			X	X		
	M322CMH				X	X		
	320CMH	-3137	X					

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

297-2351 CHART-CONNECTING LINES

297-2351 CHART-CONNECTING LINES S/N H1F1-UP; H1H1-UP

Drawing 1 of 1

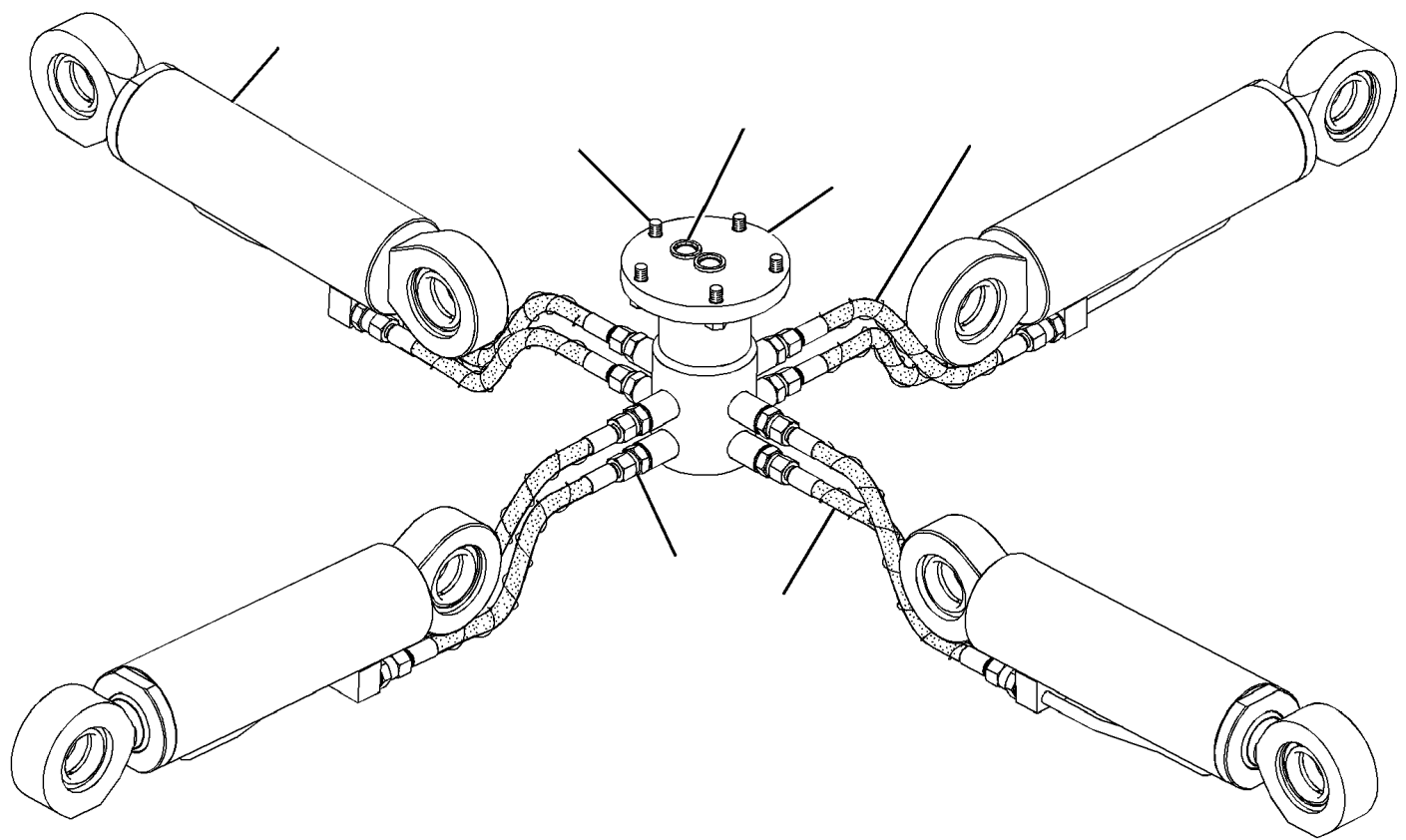
TOOL	MACHINE	LINES GP	FITTING GP			
			-3146	-3147	-3148	-3149
GSH15B	312C	-7869	X			
	315C	-7869	X			
	318C		X			
	319C	-7870	X			
	320D		X			
	323D		X			
	M315D	-7871	X	X		
	M316D		X	X		
	M318D		X	X		
	M322D		X	X		
	320C MH	-7872	X			
	M318D MH	-7873			X	X
	M322D MH				X	X

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

215-6694 CYLINDER & LINES GP-GRAPPLE

215-6694 CYLINDER & LINES GP-GRAPPLE S/N H1F1-UP PART OF 259-9480 HOUSING GP-GRAPPLE

Drawing 1 of 1



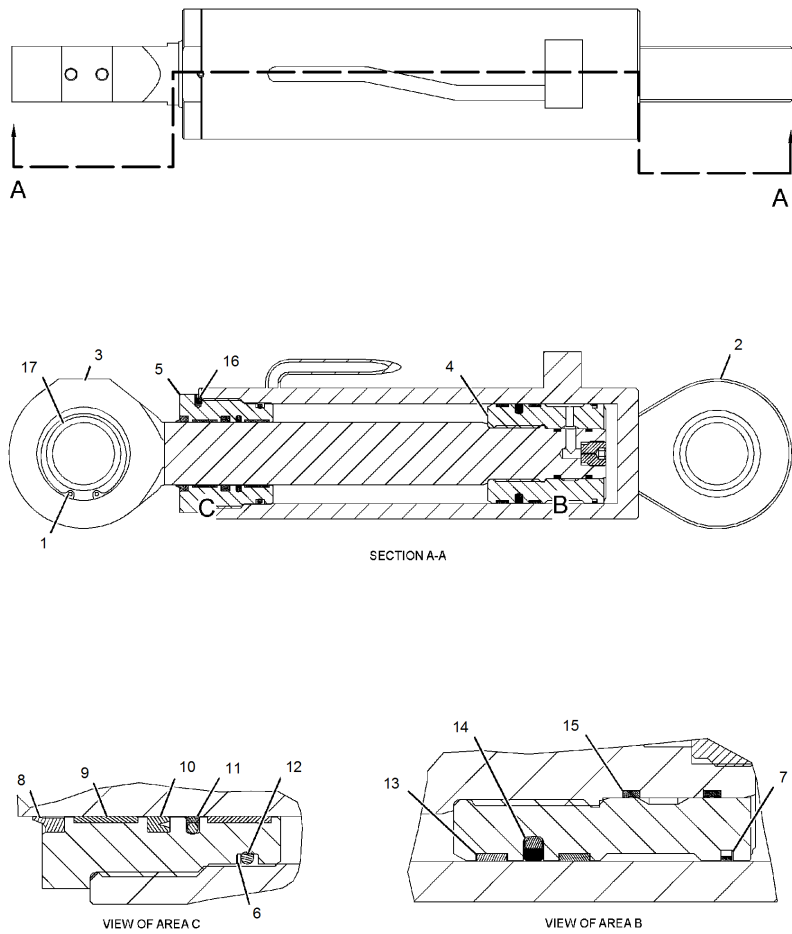
Ref.	Part number	Description	Qty	Code	Group page
1	159-1118	LOCKWASHER	5		
2	197-7334	SEAL	2		
3	215-6708	CYLINDER GP-HYDRAULIC	4	Y	
4	215-6710	MANIFOLD AS	1		
5	221-8496	ADAPTER AS	16		
(EACH INCLUDES)					
	162-2254	SEAL	1		
6	276-1024	HOSE AS	4	I	
7	276-1026	HOSE AS	4	I	
8	101-7404	BOLT-SOCKET HEAD (M10X1.5X30-MM)	5	M	

CAT codes: I, M, Y.

215-6708 CYLINDER GP-HYDRAULIC

215-6708 CYLINDER GP-HYDRAULIC S/N H1F1-UP; H1H1-UP 80-MM (3.15-IN) BORE X 180-MM (7.09-IN) STROKE PART OF 215-6694, 220-7049 CYLINDER & LINES GP-GRAPPLE

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	8T-9599	RING-RETAINING	2		
2	220-3594	CYLINDER AS	1		
3	521-9177	ROD AS	1		
4	220-3596	PISTON	1		
5	220-3597	HEAD	1		
6	220-3598	RING-BACKUP	1	J	
7	220-3599	RING	1	J	
8	221-2322	SEAL-WIPER	1	J	
9	221-2323	RING-WEAR	2	J	
10	221-2325	SEAL-WIPER	1	J	
11	221-2326	SEAL AS	1	J	
12	221-2330	SEAL-O-RING	1	J	
13	221-2331	RING-WEAR	2	J	
14	221-2332	SEAL AS	1	J	

215-6708 CYLINDER GP-HYDRAULIC (continued)

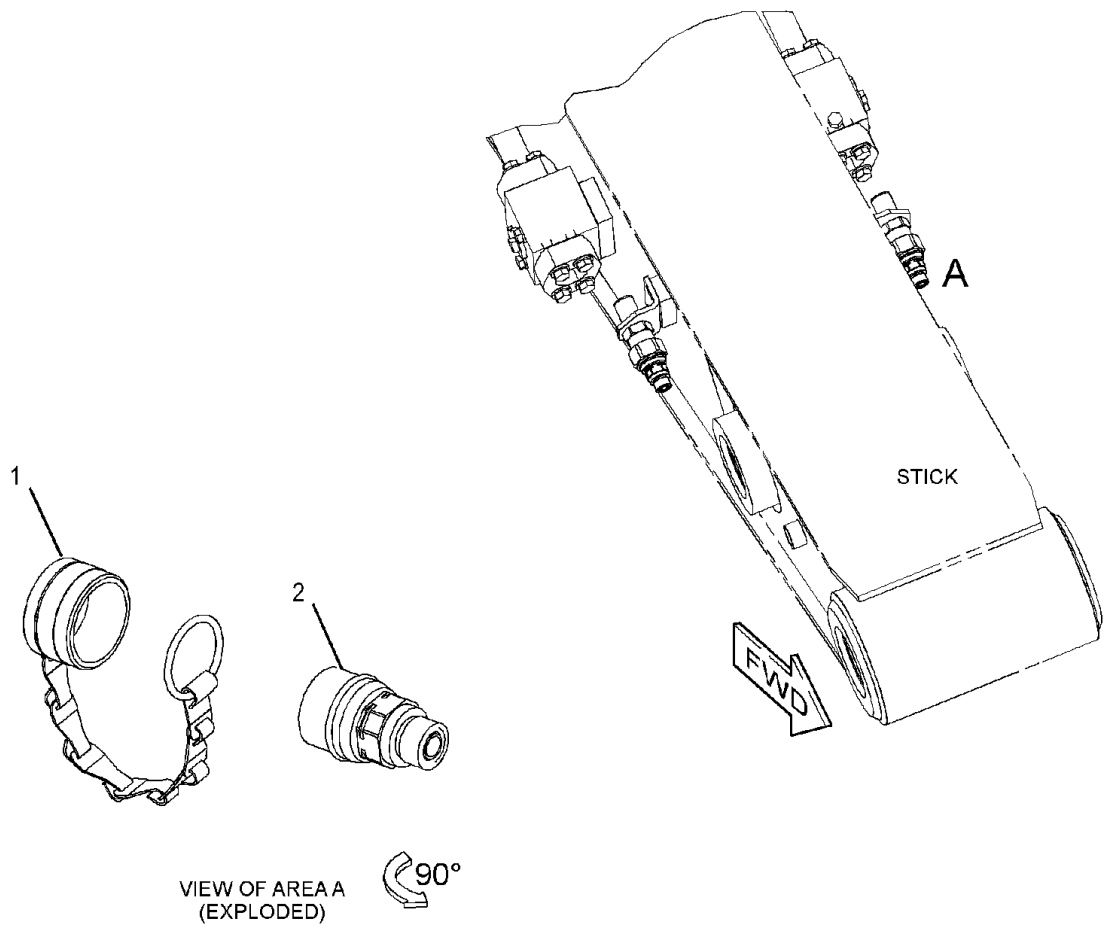
Ref.	Part number	Description	Qty	Code	Group page
15	222-3760	SEAL	2	J	
16	6V-9327	SETSCREW-SOCKET (M6X1-THD)	2	M	
17	8T-0333	BEARING	2		
AVAILABLE REPAIR KIT(S):					
	220-3592	KIT-DAMPER (HYDRAULIC CYLINDER)	1		
(INCLUDES PLUG, REATINER & ORIFICE PLATE)					
	215-6711	KIT-SEAL (HYDRAULIC CYLINDER)	1	J	

CAT codes: J, M.

244-3146 FITTING GP-HYDRAULIC

244-3146 FITTING GP-HYDRAULIC

Drawing 1 of 1



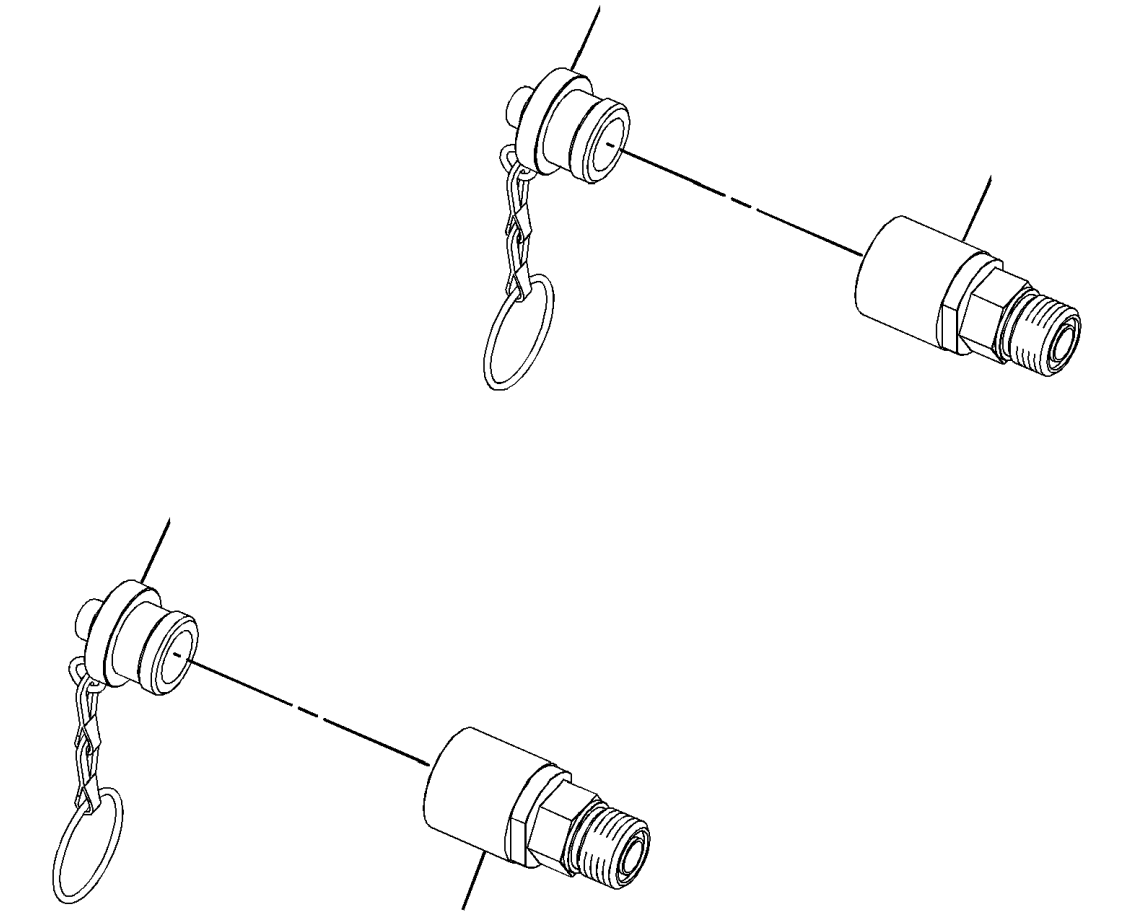
Ref.	Part number	Description	Qty	Code	Group page
1	239-3481	CAP-DUST	2		
2	241-3662	FITTING GP-HYDRAULIC (QUICK DISCONNECT, FEMALE)	2	J	
(EACH INCLUDES)					
	6V-8398	SEAL-O-RING	1		
AVAILABLE REPAIR KIT(S):					
	239-3482	KIT-REPAIR (QUICK DISCONNECT)	1	J	
(INCLUDES O-RINGS, SEAL & RINGS)					

CAT codes: J.

244-3147 FITTING GP-HYDRAULIC

244-3147 FITTING GP-HYDRAULIC

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	114-9149	FITTING (QUICK DISCONNECT, MALE)	2		
2	114-9154	CAP	2		

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