

CATERPILLAR MP20

MPF / SEBP3798

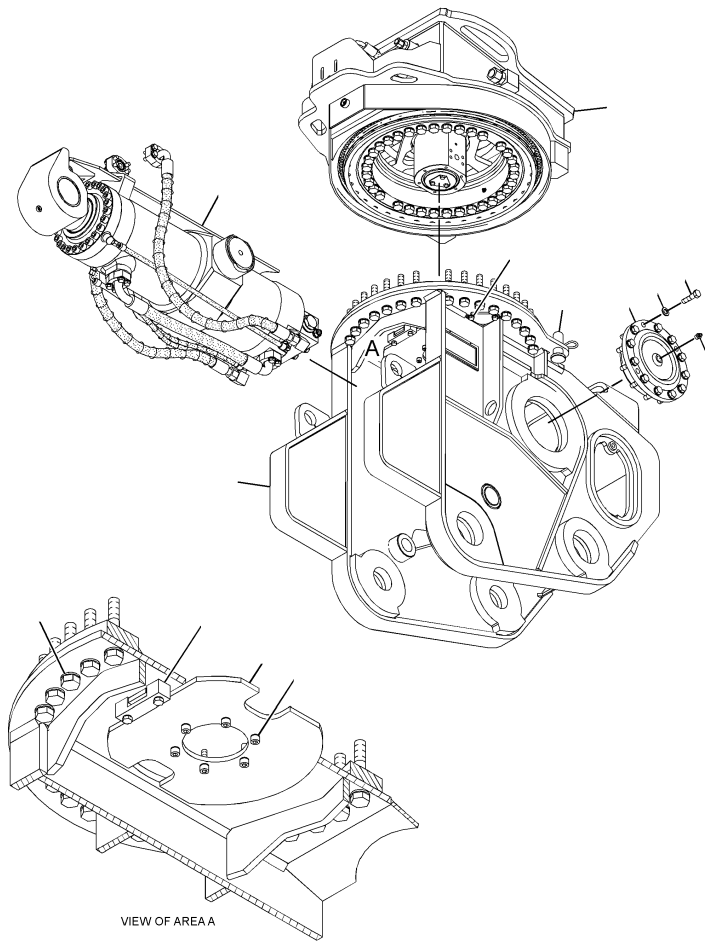
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Basic engine	
Basic engine	

324-2950 HOUSING GP-MULTI-PROCESSOR

324-2950 HOUSING GP-MULTI-PROCESSOR S/N MPF1-UP; M2X1-UP PART OF 328-5902 MULTI-PROCESSOR AR

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	2		
2	170-3663	BUSHING	2		
3	170-3669	LOCK	1		
4	170-3670	PLATE-LOCK	1		
5	170-3671	LOCK PIN	1		
6	170-5707	LOCKPIN	1		
7	303-2855	HOUSING AS (LOWER)	1		
8	319-2123	ROTATOR GP-HYDRAULIC	1	Y	
10	159-1118	LOCKWASHER	8		
11	339-2852	CYLINDER & VALVE GP	1	Y	
12	8T-0271	BOLT-SOCKET HEAD (M10X1.5X35-MM)	6	M	
13	8T-4121	WASHER-HARD (11X21X2.5-MM THK)	2		
14	8T-4123	WASHER (3.62X5.75X0.375-MM THK)	32		
15	8T-4136	BOLT (M10X1.5X25-MM)	2	M	
16	8T-4140	BOLT (M16X2X60-MM)	24	M	

324-2950 HOUSING GP-MULTI-PROCESSOR (continued)

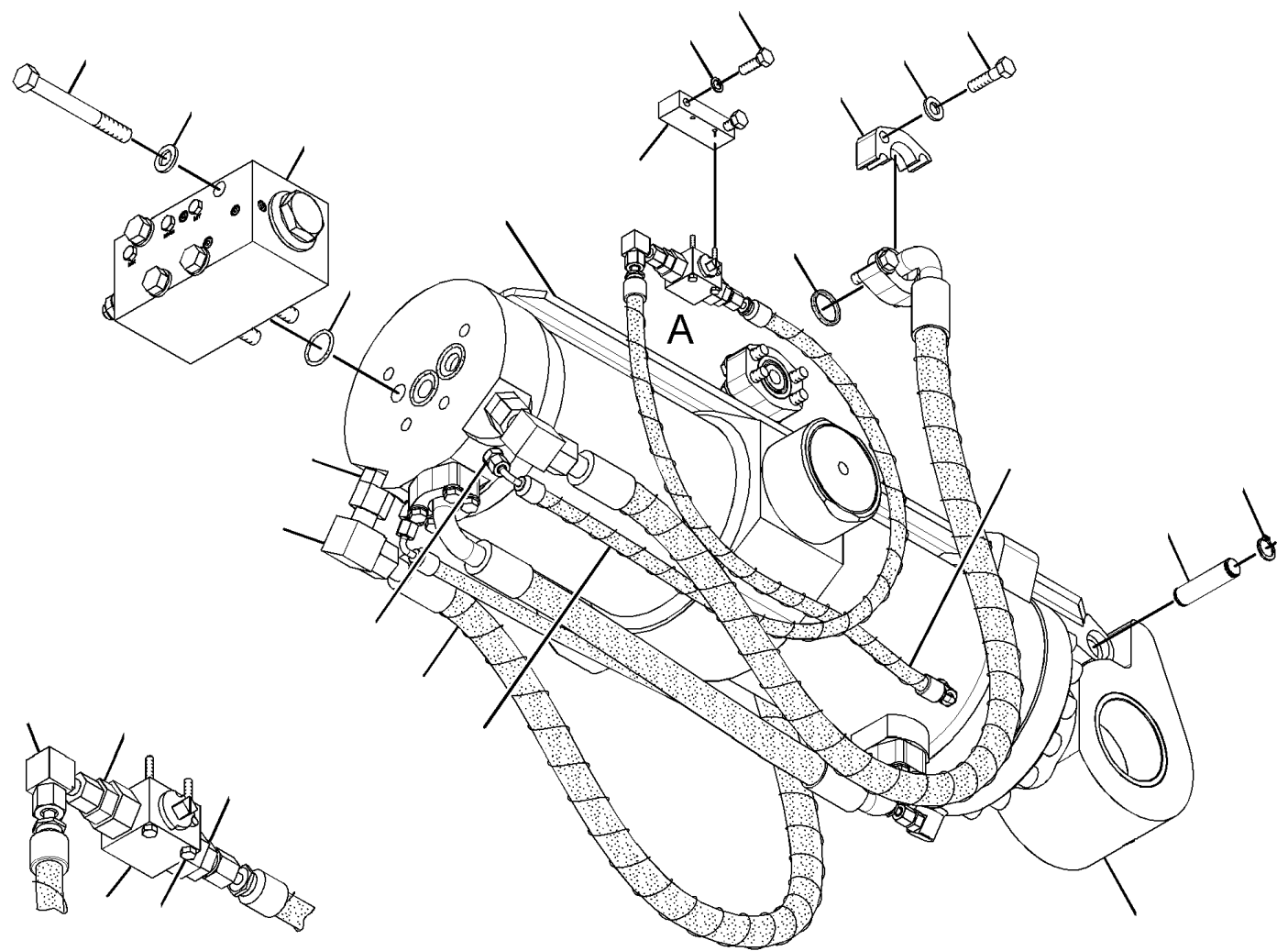
Ref.	Part number	Description	Qty	Code	Group page
17	8T-4185	BOLT (M10X1.5X50-MM)	2	M	
18	8T-0070	BOLT (M20X2.5X120-MM)	32	M	
19	9X-8257	WASHER (17.5X30X3.5-MM THK)	24		

CAT codes: M, Y.

339-2852 CYLINDER & VALVE GP

339-2852 CYLINDER & VALVE GP S/N MPF1-UP; M2X1-UP PART OF 324-2950 HOUSING GP-MULTI-PROCESSOR

Drawing 1 of 1



VIEW OF AREA A

Ref.	Part number	Description	Qty	Code	Group page
1	170-3229	VALVE GP-SPEED CONTROL	1	Y	
2	170-5538	HOSE AS	1	I	
3	170-5539	HOSE AS	1	I	
4	170-5540	HOSE AS	2	I	
5	170-5593	VALVE	1		
6	170-5594	PLATE-MOUNTING	1		
7	222-8829	CYLINDER GP-HYDRAULIC	1	Y	
8	343-1838	PLATE AS-COVER (CYLINDER)	1		
9	343-1845	PIN	1		
10	148-8351	ELBOW AS	1		
	4J-5477	SEAL-O-RING	1		
	6V-9849	ELBOW	1		

339-2852 CYLINDER & VALVE GP (continued)

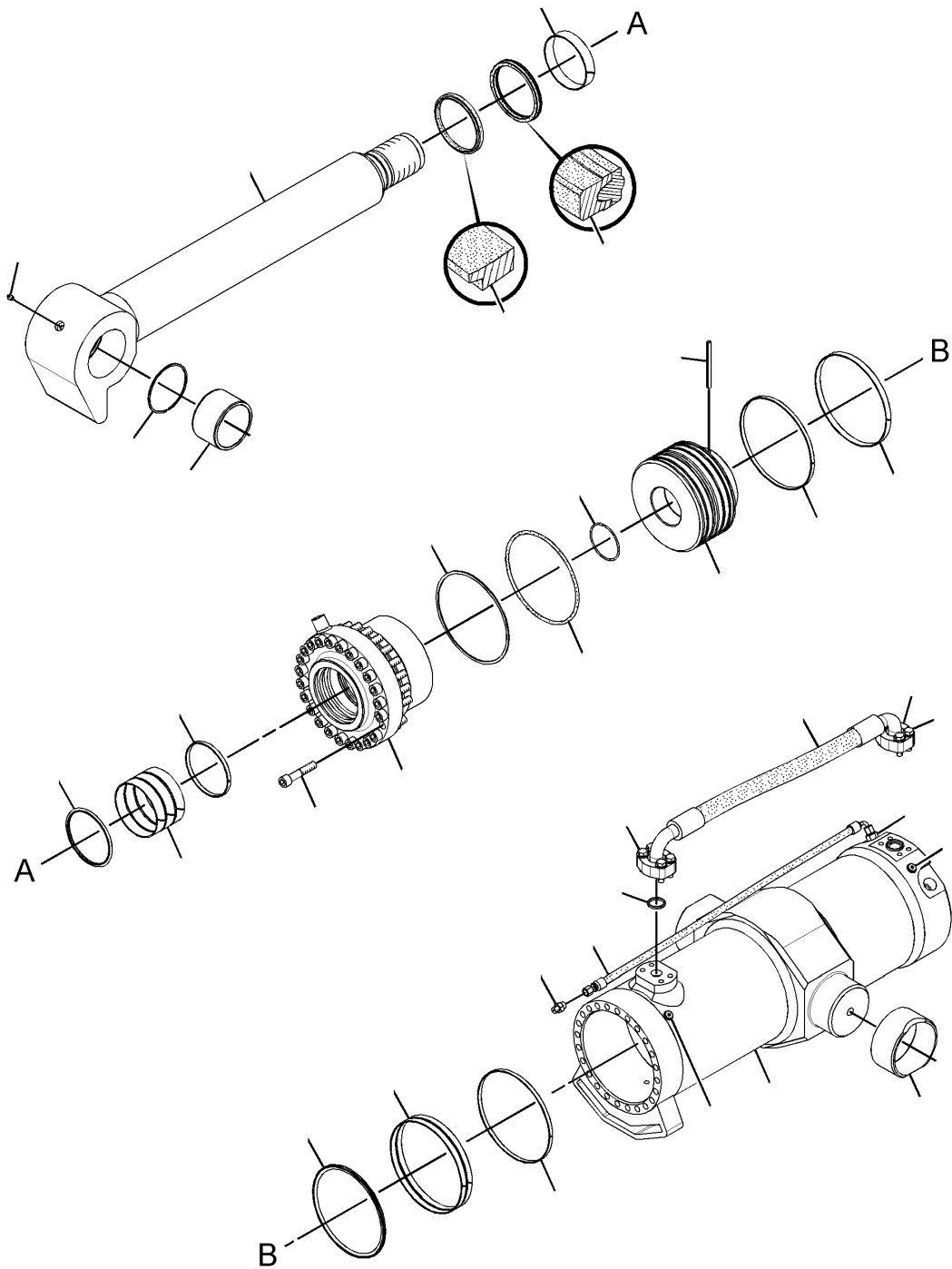
Ref.	Part number	Description	Qty	Code	Group page
11	148-8392	ELBOW AS	2		
(EACH INCLUDES)					
	6V-9746	SEAL-O-RING	1		
	6V-9853	ELBOW	1		
12	159-1118	LOCKWASHER	2		
13	162-6599	ADAPTER AS	2		
(EACH INCLUDES)					
	6V-9746	SEAL-O-RING	1		
	155-9646	SEAL	1		
14	170-5121	ADAPTER AS	2		
(EACH INCLUDES)					
	4J-5477	SEAL-O-RING	1		
	162-6816	SEAL	1		
15	170-5122	ADAPTER AS	2		
(EACH INCLUDES)					
	4J-5477	SEAL-O-RING	1		
	162-2254	SEAL	1		
16	170-5715	SEAL-O-RING	3		
17	177-1448	RING-RETAINING	2		
18	1P-3703	SEAL-RECTANGULAR	2		
19	6V-0400	FLANGE-HALF	4		
20	7X-2557	BOLT (M16X2X140-MM)	4	M	
21	8T-0638	BOLT (M5X0.8X50-MM)	2	M	
22	8T-4184	BOLT (M12X1.75X45-MM)	8	M	
23	8T-4195	BOLT (M10X1.5X30-MM)	2	M	
24	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		
25	9X-8257	WASHER (17.5X30X3.5-MM THK)	4		

CAT codes: I, M, Y.

222-8829 CYLINDER GP-HYDRAULIC

222-8829 CYLINDER GP-HYDRAULIC S/N MPF1-UP; M2X1-UP 220-MM (8.60-IN) BORE X 550-MM (21.65-IN) STROKE
PART OF 339-2852 CYLINDER & VALVE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	095-0948	FITTING-GREASE	1		
2	169-3171	BUSHING	2		
3	170-3236	BUSHING	2		
4	170-4589	HOSE AS	1	I	

222-8829 CYLINDER GP-HYDRAULIC (continued)

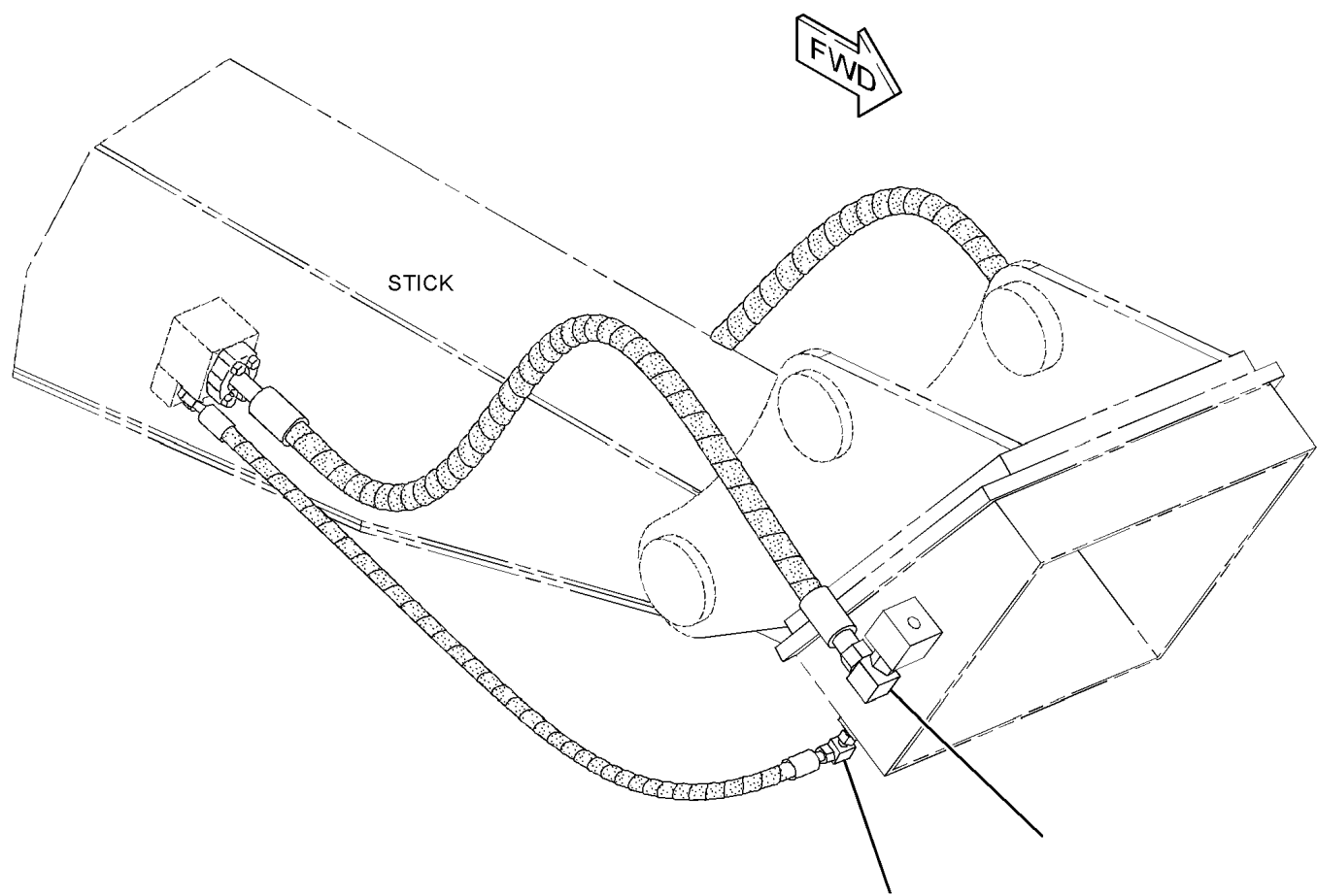
Ref.	Part number	Description	Qty	Code	Group page
5	170-4590	HOSE AS	1	I	
6	170-4747	SEAL AS	1	J	
7	170-4748	RING-BACKUP	1	J	
8	170-4826	SEAL AS	1	J	
9	170-4827	SEAL AS	1	J	
10	170-4828	RING-WEAR	3	J	
11	170-4829	RING-WEAR	4	J	
12	170-4830	SEAL-WIPER	1	J	
13	170-4849	RING-RETAINING	2		
14	222-2676	PISTON	1		
15	222-2678	CYLINDER HEAD	1		
16	432-2849	CYLINDER AS	1		
17	222-3764	RING-WEAR	1	J	
18	222-3765	RING-WEAR	2	J	
19	287-0283	VALVE GP-RELIEF	1		
	6V-8350	SEAL-O-RING	1		
	9X-7680	SEAL-O-RING	1		
20	305-3582	ROD-HYDRAULIC CYLINDER	1		
21	095-9806	BOLT-SOCKET HEAD (M16X2X80-MM)	24	M	
22	170-4821	SEAL-O-RING	1	J	
23	170-4822	SEAL-O-RING	1	J	
24	170-4850	PIN-SPRING	1		
25	170-5121	ADAPTER AS	1		
	4J-5477	SEAL-O-RING	1		
	162-6816	SEAL	1		
26	170-5123	PLUG AS	2		
(EACH INCLUDES)					
	162-6816	SEAL	1		
27	1P-3703	SEAL-RECTANGULAR	2		
28	6V-0400	FLANGE-HALF	4		
29	8T-4184	BOLT (M12X1.75X45-MM)	8	M	
30	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		
AVAILABLE REPAIR KIT(S):					
	222-2682	KIT-SEAL (HYDRAULIC CYLINDER)	1	J	

CAT codes: I, J, M.

233-2155 LINES GP-CONNECTING

233-2155 LINES GP-CONNECTING S/N MPD1-UP; MPF1-UP; M2W1-UP; M2X1-UP FOR USE WITH 345B II EXCAVATOR

Drawing 1 of 1



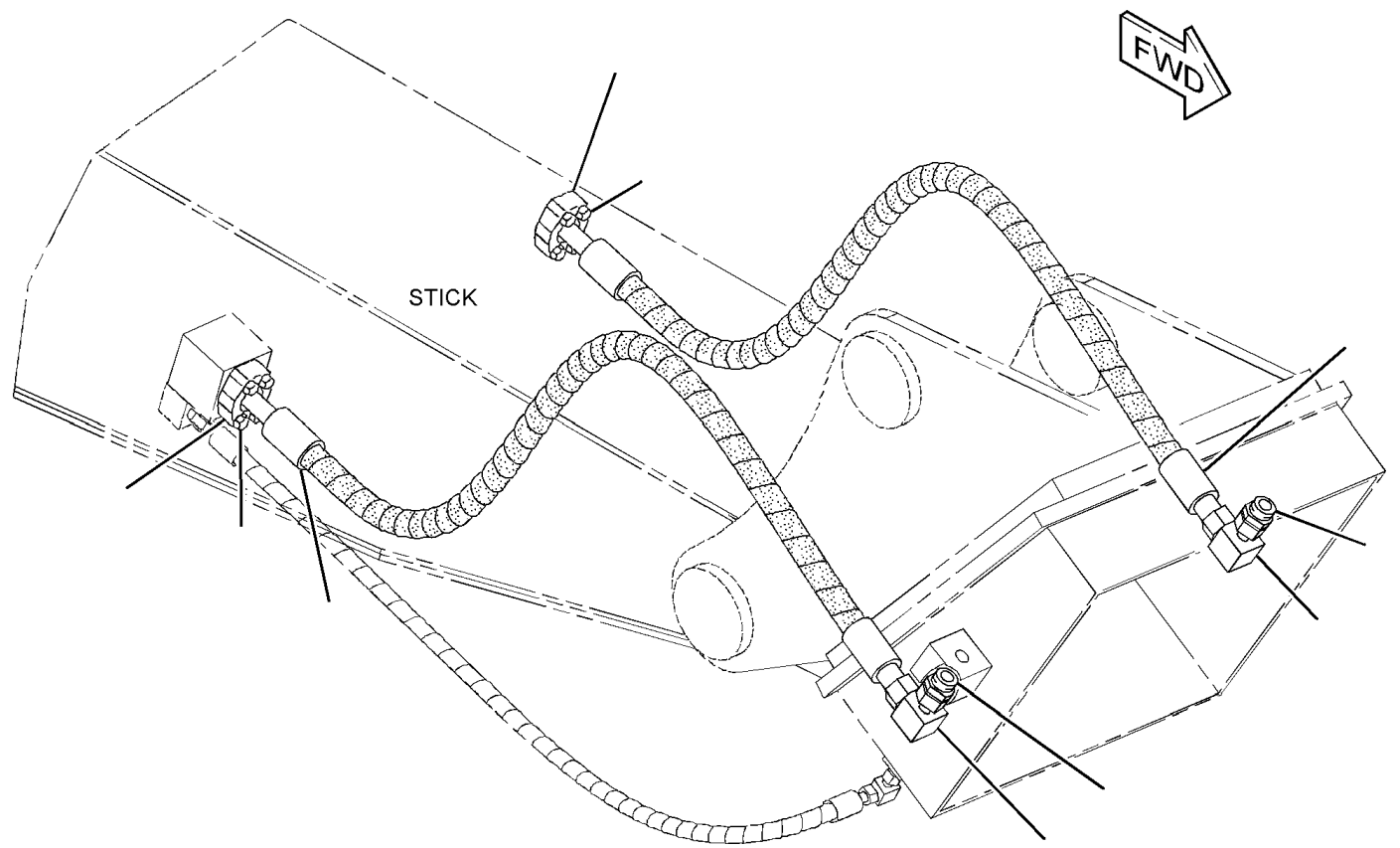
Ref.	Part number	Description	Qty	Code	Group page
1	233-2991	LINES GP-CONNECTING	1	Y	
2	233-2992	LINES GP-CONNECTING	1	Y	

CAT codes: Y.

233-2991 LINES GP-CONNECTING

233-2991 LINES GP-CONNECTING S/N MPD1-UP; MPF1-UP; M2W1-UP; M2X1-UP PART OF 233-2155 LINES GP-CONNECTING

Drawing 1 of 1



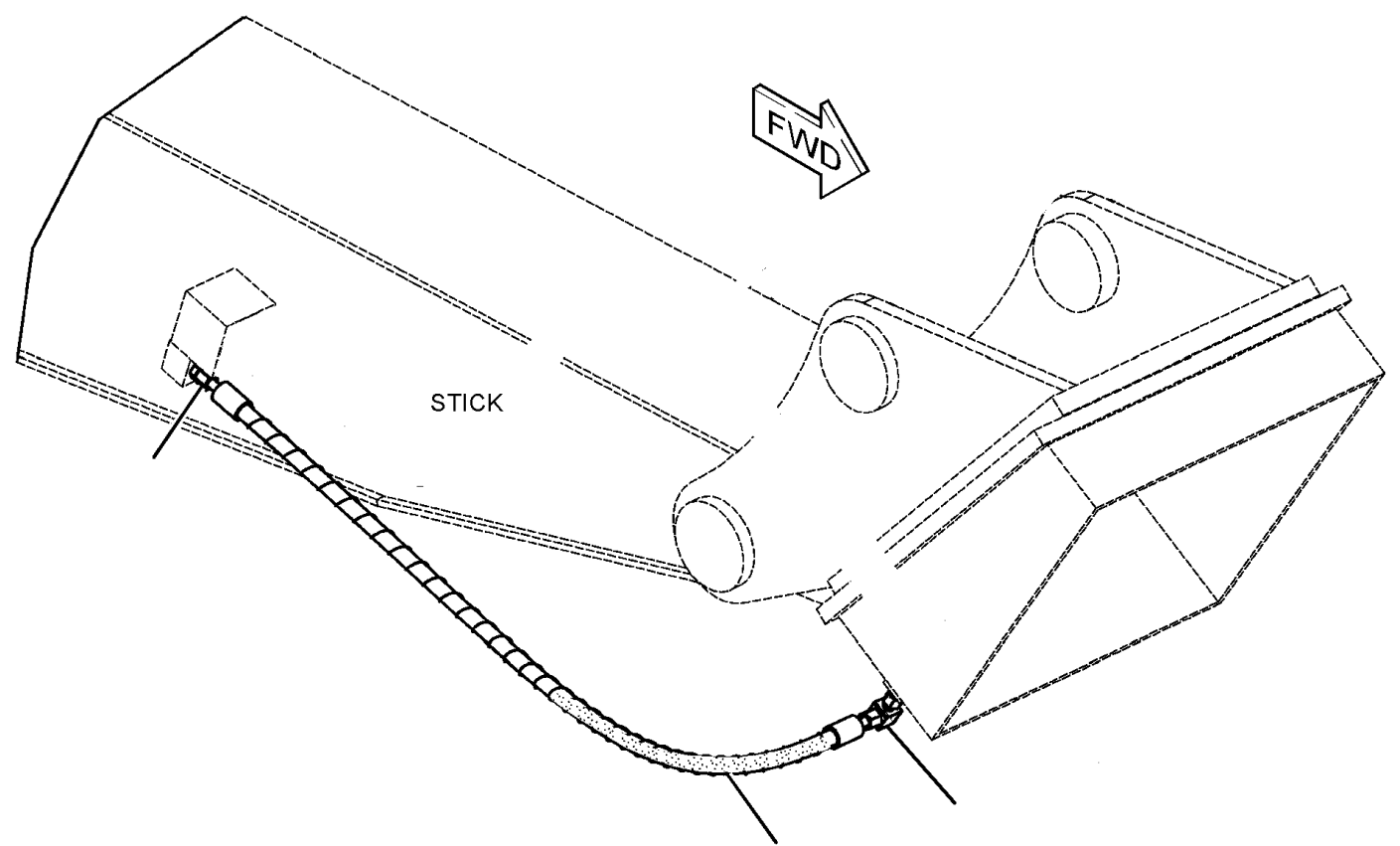
Ref.	Part number	Description	Qty	Code	Group page
1	155-8995	ADAPTER AS	2		
(EACH INCLUDES)					
	5K-9090	SEAL-O-RING	1		
	155-9646	SEAL	1		
2	1P-5767	FLANGE-HALF	4		
3	6V-9854	ELBOW (SWIVEL)	2		
4	8T-4184	BOLT (M12X1.75X45-MM)	8	M	
5	8T-4223	WASHER-HARD (13.5X25.5X3-MM THK)	8		
6	233-2993	HOSE AS	2	I	

CAT codes: I, M.

233-2992 LINES GP-CONNECTING

233-2992 LINES GP-CONNECTING S/N MPD1-UP; MPF1-UP; M2W1-UP; M2X1-UP PART OF 233-2155 LINES GP-CONNECTING

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	148-8340	CONNECTOR AS	2		
(EACH INCLUDES)					
	3K-0360	SEAL-O-RING	1		
	6V-8398	SEAL-O-RING	1		
	6V-8639	CONNECTOR	1		
2	155-8994	ADAPTER AS	2		
(EACH INCLUDES)					
	6V-8398	SEAL-O-RING	1		
	155-9644	SEAL	1		
3	6V-9851	ELBOW	2		
4	233-2994	HOSE AS	2	I	

CAT codes: I.

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