

CATERPILLAR VRG-30/2

FEG / SEBP3545

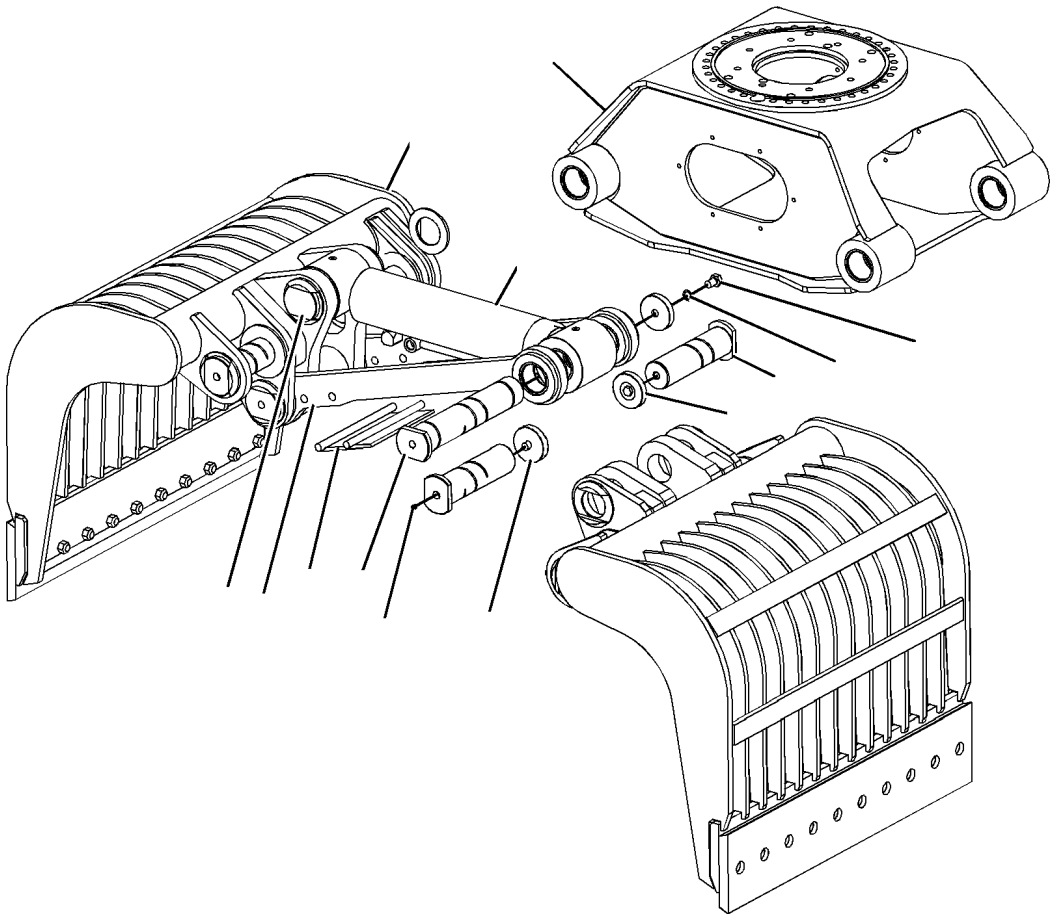
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Basic engine	

223-4659 HOUSING & SHELL GP-GRAPPLE

223-4659 HOUSING & SHELL GP-GRAPPLE S/N FEG1-509 PART OF 223-4658 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	6		
2	223-4664	PIN	4		
3	223-4665	PIN	1		
4	223-4666	PIN	2		
5	223-4667	PLATE-LOCK	7		
6	223-4685	COVER AS	1		
7	224-0187	CYLINDER GP-HYDRAULIC	1	Y	
8	225-8707	HOUSING GP-GRAPPLE	1		
	096-0854	SEAL-LIP TYPE	8		
	225-5340	BUSHING	4		
9	225-8708	LINKAGE GP-GRAPPLE	2		
(EACH INCLUDES)					
	096-0854	SEAL-LIP TYPE	4		
	169-3158	BUSHING	2		

223-4659 HOUSING & SHELL GP-GRAPPLE (continued)

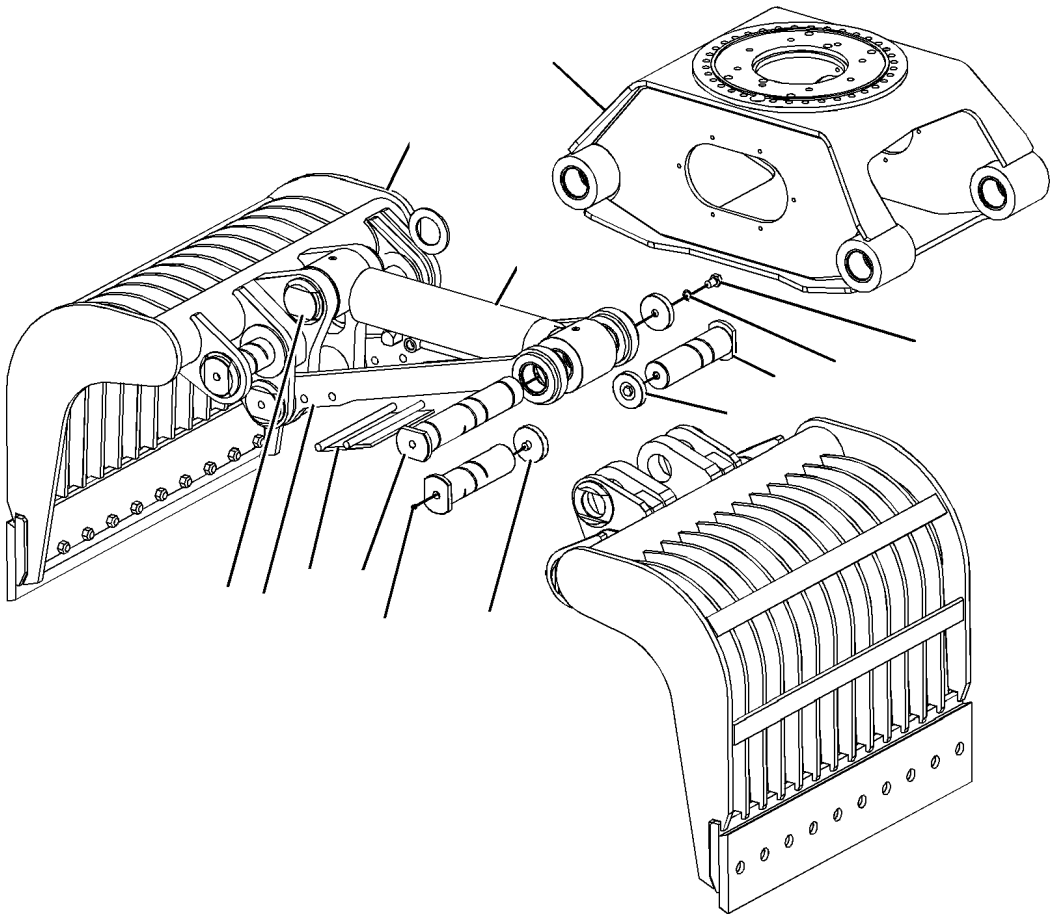
Ref.	Part number	Description	Qty	Code	Group page
10	235-7936	SHELL GP-GRAPPLE	1	Y	
11	145-4078	LOCKWASHER	7		
12	8T-4780	BOLT (M20X2.5X30-MM)	7	M	

CAT codes: M, Y.

223-4659 HOUSING & SHELL GP-GRAPPLE

223-4659 HOUSING & SHELL GP-GRAPPLE S/N FEG510-UP PART OF 223-4658 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	6		
2	223-4664	PIN	4		
3	223-4665	PIN	1		
4	223-4666	PIN	2		
5	223-4667	PLATE-LOCK	7		
6	223-4685	COVER AS	1		
7	303-6529	CYLINDER GP-HYDRAULIC	1	CY	
8	225-8707	HOUSING GP-GRAPPLE	1		
	096-0854	SEAL-LIP TYPE	8		
	225-5340	BUSHING	4		
9	225-8708	LINKAGE GP-GRAPPLE	2		
(EACH INCLUDES)					
	096-0854	SEAL-LIP TYPE	4		
	169-3158	BUSHING	2		

223-4659 HOUSING & SHELL GP-GRAPPLE (continued)

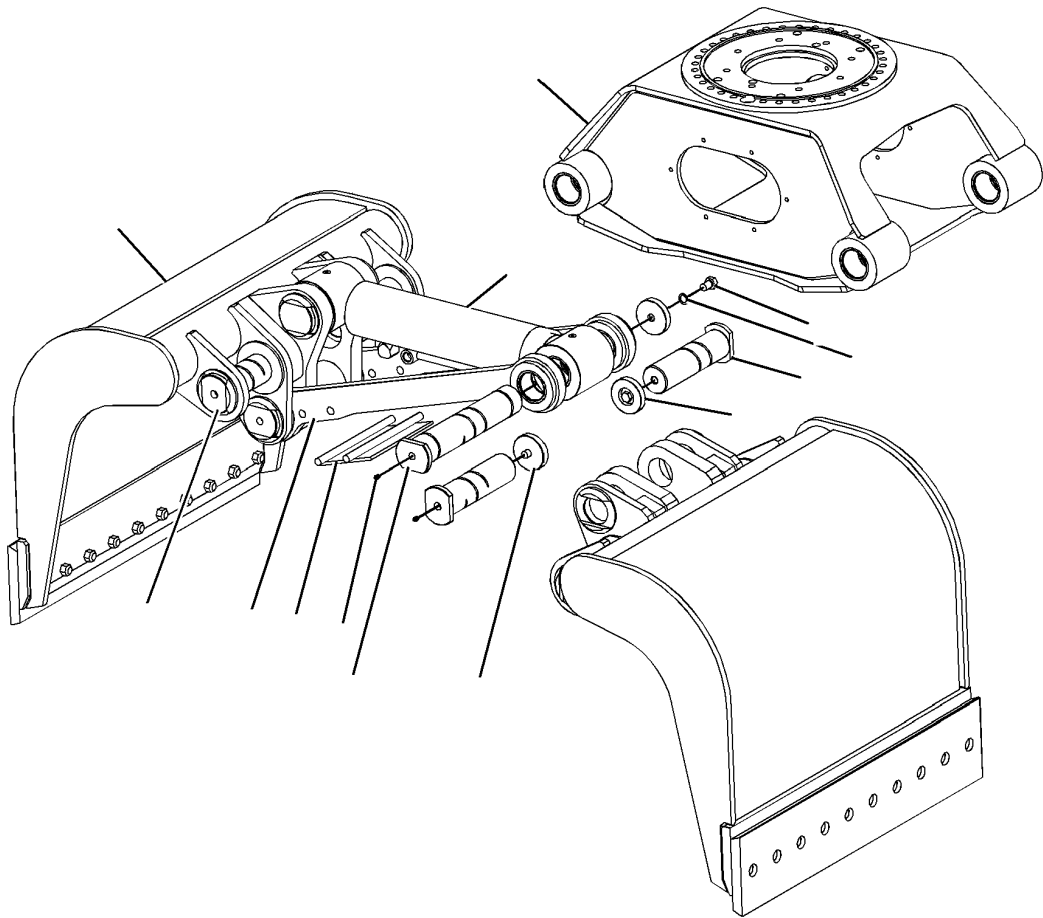
Ref.	Part number	Description	Qty	Code	Group page
10	235-7936	SHELL GP-GRAPPLE	1	Y	
11	145-4078	LOCKWASHER	7		
12	8T-4780	BOLT (M20X2.5X30-MM)	7	M	

CAT codes: C, M, Y.

225-3602 HOUSING & SHELL GP-GRAPPLE

225-3602 HOUSING & SHELL GP-GRAPPLE S/N FEG1-509 PART OF 224-0200 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	6		
2	223-4664	PIN	4		
3	223-4665	PIN	1		
4	223-4666	PIN	2		
5	223-4667	PLATE-LOCK	7		
6	223-4685	COVER AS	1		
7	224-0187	CYLINDER GP-HYDRAULIC	1	Y	
8	225-8707	HOUSING GP-GRAPPLE	1		
	096-0854	SEAL-LIP TYPE	8		
	225-5340	BUSHING	4		
9	225-8708	LINKAGE GP-GRAPPLE	2		
(EACH INCLUDES)					
	096-0854	SEAL-LIP TYPE	4		
	169-3158	BUSHING	2		

225-3602 HOUSING & SHELL GP-GRAPPLE (continued)

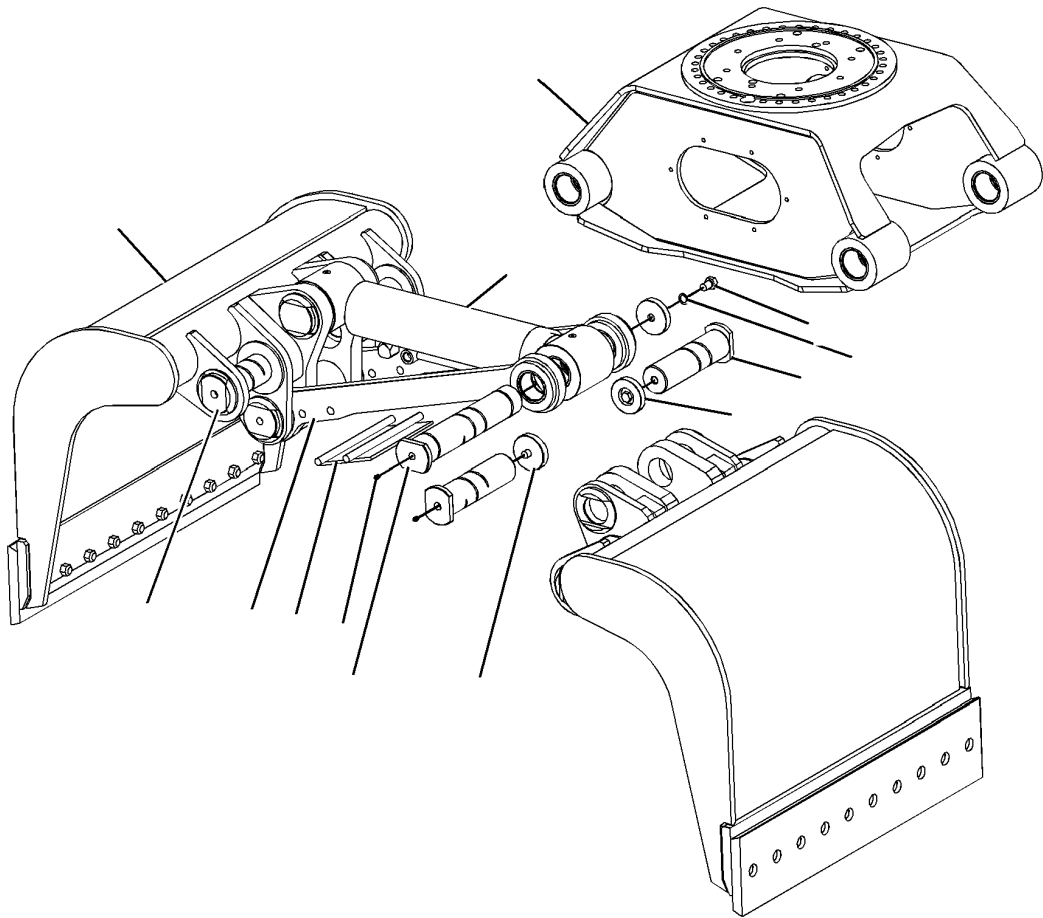
Ref.	Part number	Description	Qty	Code	Group page
10	235-7935	SHELL GP-GRAPPLE	1	Y	
11	145-4078	LOCKWASHER	7		
12	8T-4780	BOLT (M20X2.5X30-MM)	7	M	

CAT codes: M, Y.

225-3602 HOUSING & SHELL GP-GRAPPLE

225-3602 HOUSING & SHELL GP-GRAPPLE S/N FEG510-UP PART OF 224-0200 GRAPPLE GP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	5W-2817	FITTING-GREASE	6		
2	223-4664	PIN	4		
3	223-4665	PIN	1		
4	223-4666	PIN	2		
5	223-4667	PLATE-LOCK	7		
6	223-4685	COVER AS	1		
7	303-6529	CYLINDER GP-HYDRAULIC	1	CY	
8	225-8707	HOUSING GP-GRAPPLE	1		
	096-0854	SEAL-LIP TYPE	8		
	225-5340	BUSHING	4		
9	225-8708	LINKAGE GP-GRAPPLE	2		
(EACH INCLUDES)					
	096-0854	SEAL-LIP TYPE	4		
	169-3158	BUSHING	2		

225-3602 HOUSING & SHELL GP-GRAPPLE (continued)

Ref.	Part number	Description	Qty	Code	Group page
10	235-7935	SHELL GP-GRAPPLE	1	Y	
11	145-4078	LOCKWASHER	7		
12	8T-4780	BOLT (M20X2.5X30-MM)	7	M	

CAT codes: C, M, Y.

255-2312 CHART-CONNECTING LINES

255-2312 CHART-CONNECTING LINES S/N FEG1-UP

Drawing 1 of 1

TOOL	MACHINE	LINES GP	FITTING GP			
			-3146	-3147	-3148	-3149
VRG-	320C	-3144	X			
	322C		X			
	325C		X			

Ref.	Part number	Description	Qty	Code	Group
			.		page
(PLEASE REFER TO CHART)					

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