

CATERPILLAR G315

ALW / SEBP3167

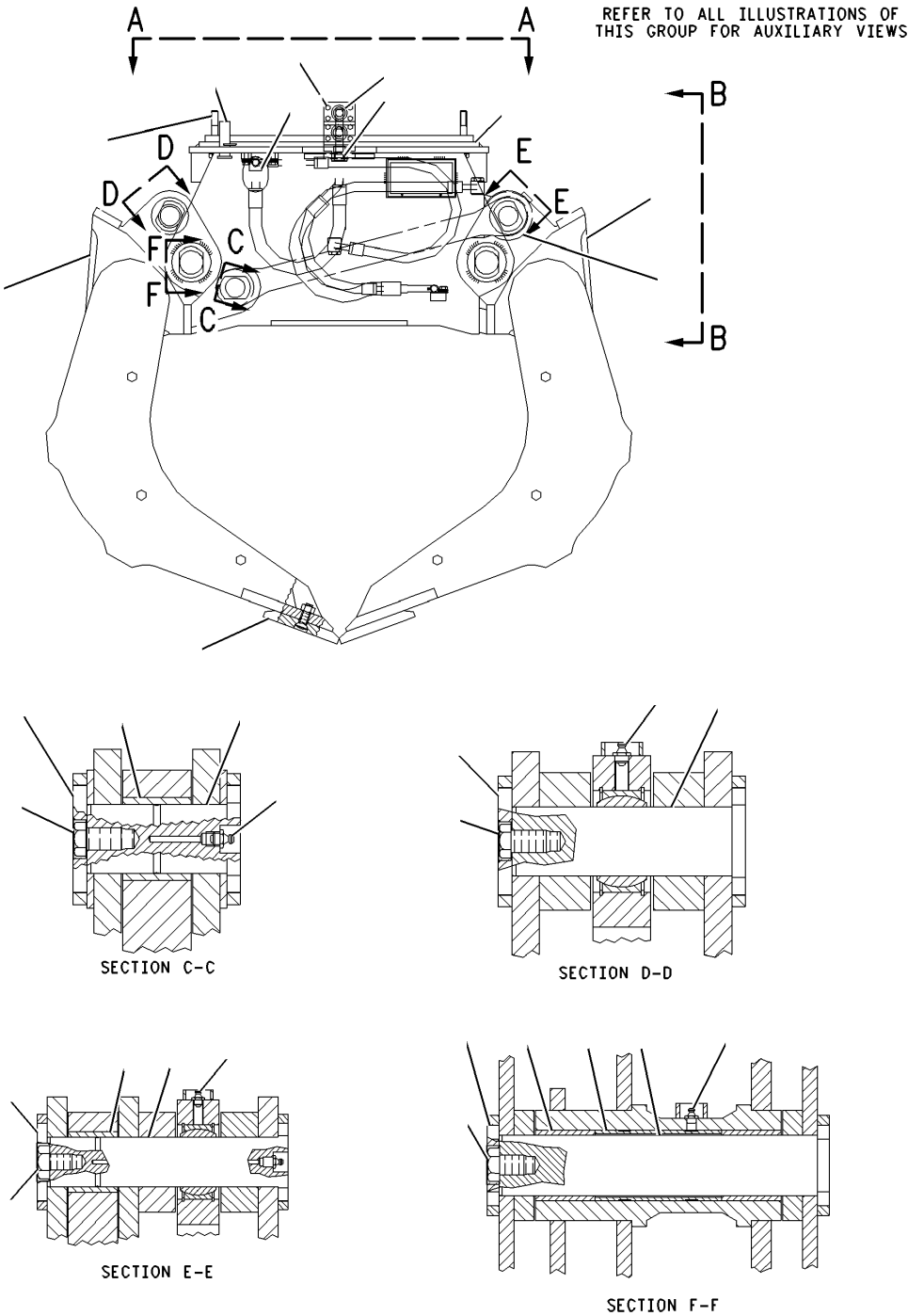
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Air inlet and exhaust	
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Hydraulic system	

174-1657 HOUSING GP-GRAPPLE

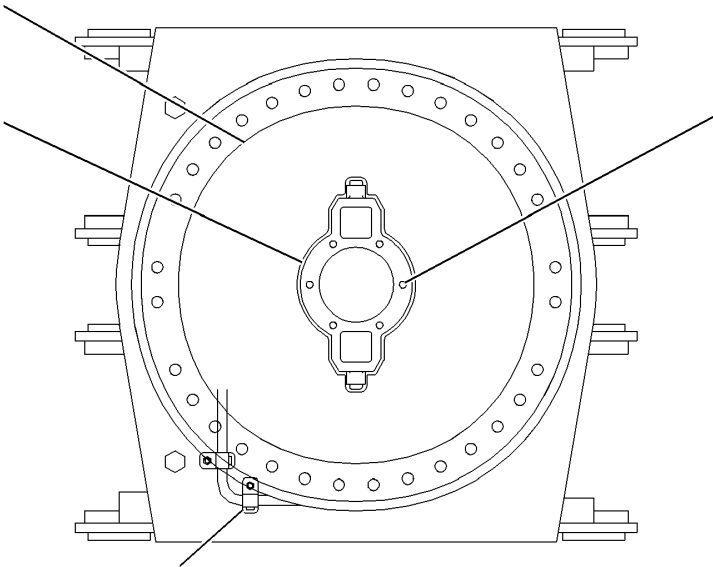
174-1657 HOUSING GP-GRAPPLE S/N ALW1-UP PART OF 179-3477 GRAPPLE GP

Drawing 1 of 2

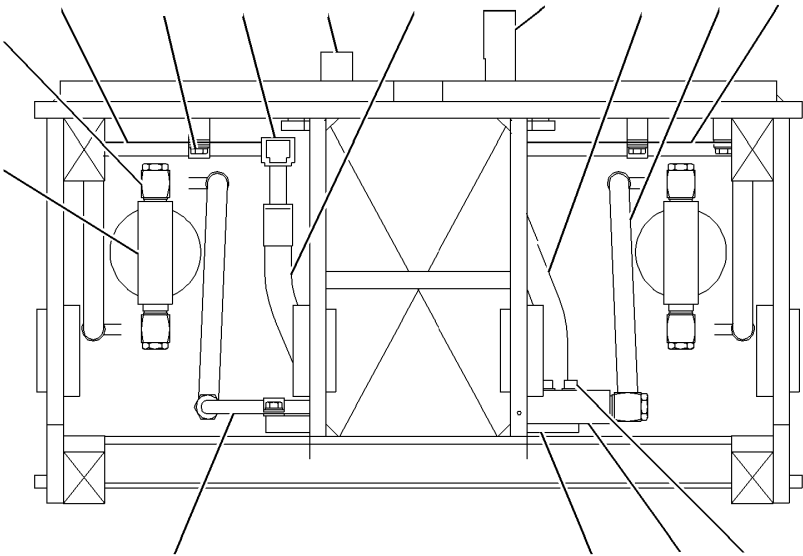


174-1657 HOUSING GP-GRAPPLE (continued)

Drawing 2 of 2



VIEW A-A



VIEW B-B

Ref.	Part number	Description	Qty	Code	Group page
1	174-1658	HOUSING AS	1		
2	174-1659	ARM AS	1		
3	174-1660	ARM AS	1		
4	174-1661	LOCK AS	1		
5	174-1662	BAR-PUSH	2		
6	174-5567	EDGE GP-CUTTING	1	Y	

174-1657 HOUSING GP-GRAPPLE (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	174-1663	PIN	2		
8	174-1664	PIN	4		
9	174-1665	PIN	2		
10	174-1666	PIN	2		
11	174-1667	COUPLING-HYDRAULIC	1		
12	174-1668	COUPLING-HYDRAULIC	1		
13	174-4702	COUPLING-HYDRAULIC	1		
14	174-1669	TUBE AS	1		
15	174-1670	TUBE AS	1		
16	174-1671	TUBE AS	1		
17	174-1672	BUSHING	4		
18	174-1673	BUSHING	4		
19	174-1674	BUSHING	8		
20	8T-4910	BOLT (M12X1.75X60-MM)	8	M	
21	8T-0649	BOLT (M16X2X110-MM)	32	M	
22	8T-4137	BOLT (M10X1.5X20-MM)	5	M	
23	8T-0271	BOLT-SOCKET HEAD (M10X1.5X35-MM)	6	M	
24	129-3181	BOLT-SOCKET HEAD (M10X1.5X55-MM)	2	M	
25	7X-2552	BOLT (M16X2X30-MM)	6	M	
26	8T-4780	BOLT (M20X2.5X30-MM)	4	M	
27	9X-8257	WASHER (17.5X30X3.5-MM THK)	32		
28	159-1118	LOCKWASHER	13		
29	159-1119	LOCKWASHER	8		
30	095-0948	FITTING-GREASE	8		
31	170-5715	SEAL-O-RING	2		
32	9R-1004	CLIP (TAB)	5		
33	9R-1005	CLIP (SLOT)	5		
34	202-2563	PLATE-LOCK	6		
35	202-2562	PLATE-LOCK	4		
36	174-1677	HOSE AS	1	I	
37	174-1678	HOSE AS	4	I	
38	174-4703	HOSE AS	1	I	
39	174-1679	CYLINDER GP-GRAPPLE	2	Y	
40	175-4792	ELBOW (SWIVEL)	5		
41	161-2779	ADAPTER AS	1		
	7J-9108	SEAL-O-RING	1		

174-1657 HOUSING GP-GRAPPLE (continued)

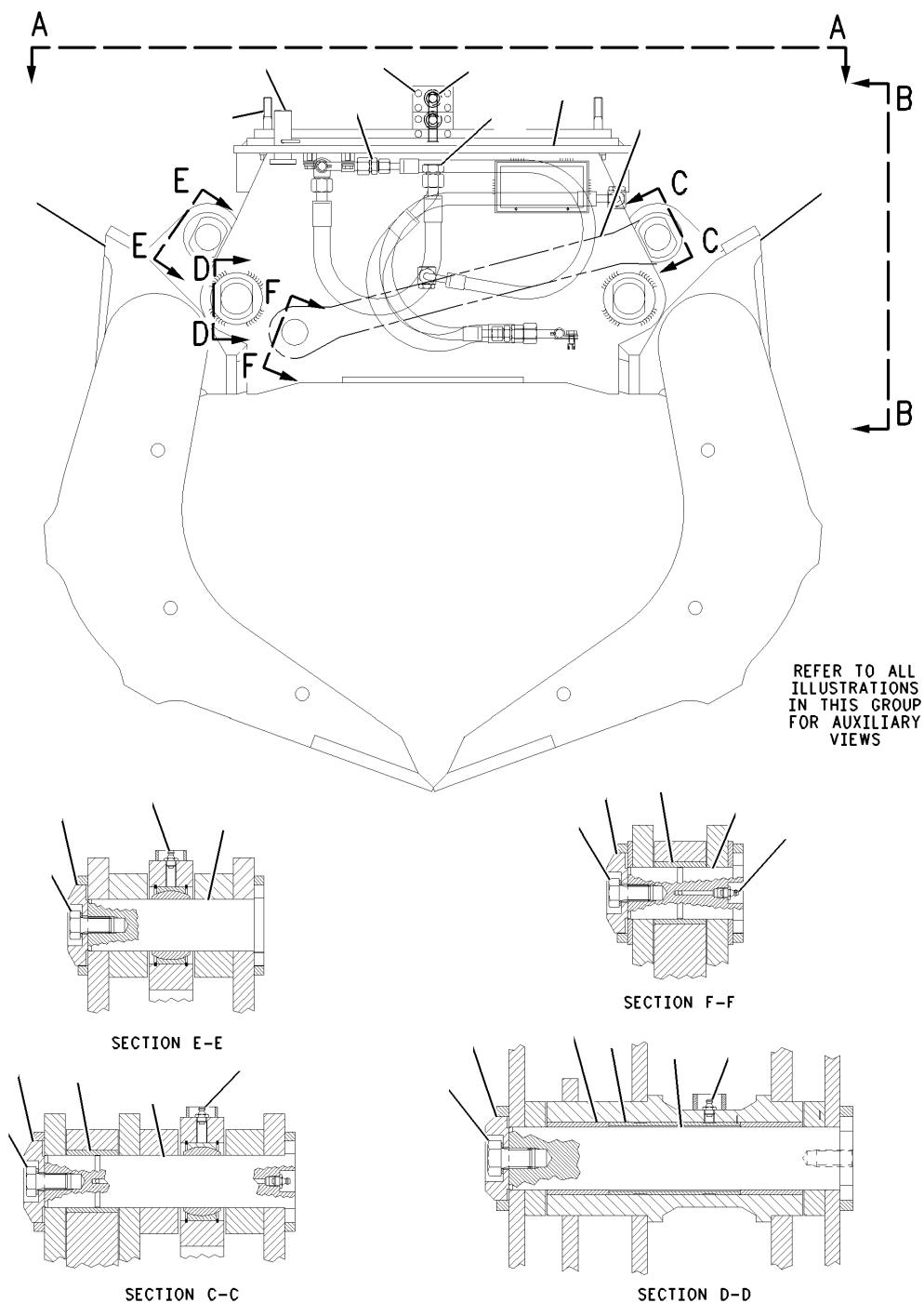
Ref.	Part number	Description	Qty	Code	Group page
	163-3343	SEAL	1		
42	150-4038	TEE AS	1		
	7X-7703	TEE-UNION	1		
	6V-9746	SEAL-O-RING	1		
	7J-9108	SEAL-O-RING	2		
43	177-3005	ADAPTER AS	3		
(EACH INCLUDES)					
	6V-9746	SEAL-O-RING	1		
	163-3343	SEAL	1		
44	164-5573	UNION AS	3		
(EACH INCLUDES)					
	6V-8738	UNION	1		
	6V-8398	SEAL-O-RING	1		
	7J-9108	SEAL-O-RING	1		
45	170-3671	LOCK PIN	1		
46	170-5707	LOCKPIN	1		
47	159-1121	LOCKWASHER	6		
48	145-4078	LOCKWASHER	4		

CAT codes: I, M, Y.

193-5353 HOUSING GP-GRAPPLE

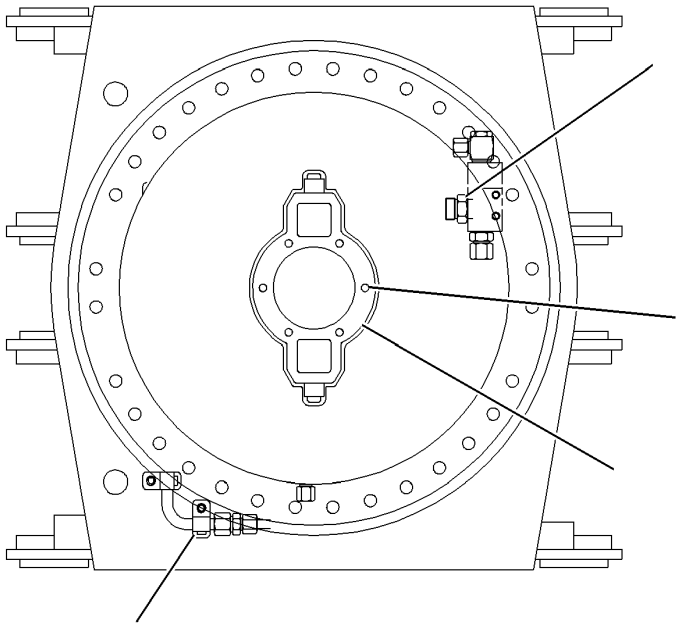
193-5353 HOUSING GP-GRAPPLE S/N ALW1-UP PART OF 193-7174 GRAPPLE GP

Drawing 1 of 2

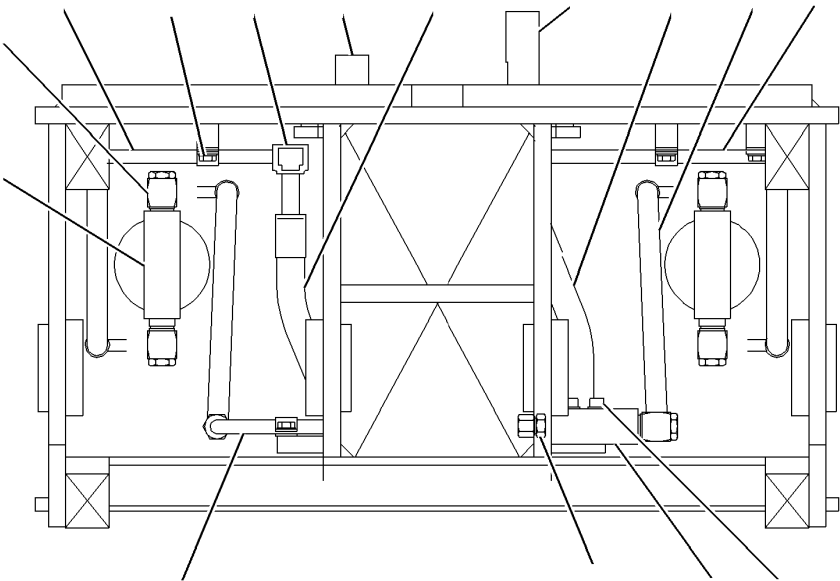


193-5353 HOUSING GP-GRAPPLE (continued)

Drawing 2 of 2



VIEW A-A



VIEW B-B

Ref.	Part number	Description	Qty	Code	Group page
1	174-1658	HOUSING AS	1		
2	193-5354	ARM AS	1		
3	193-5355	ARM AS	1		
4	174-1661	LOCK AS	1		
5	174-1662	BAR-PUSH	2		
6	174-1663	PIN	2		

193-5353 HOUSING GP-GRAPPLE (continued)

Ref.	Part number	Description	Qty	Code	Group page
7	174-1664	PIN	4		
8	174-1665	PIN	2		
9	174-1666	PIN	2		
10	174-1667	COUPLING-HYDRAULIC	1		
11	174-1668	COUPLING-HYDRAULIC	1		
12	174-4702	COUPLING-HYDRAULIC	1		
13	174-1669	TUBE AS	1		
14	174-1670	TUBE AS	1		
15	174-1671	TUBE AS	1		
16	174-1672	BUSHING	4		
17	174-1673	BUSHING	4		
18	174-1674	BUSHING	8		
19	8T-4910	BOLT (M12X1.75X60-MM)	8	M	
20	8T-0649	BOLT (M16X2X110-MM)	32	M	
21	8T-4137	BOLT (M10X1.5X20-MM)	5	M	
22	8T-0271	BOLT-SOCKET HEAD (M10X1.5X35-MM)	6	M	
23	129-3181	BOLT-SOCKET HEAD (M10X1.5X55-MM)	2	M	
24	7X-2552	BOLT (M16X2X30-MM)	6	M	
25	8T-4780	BOLT (M20X2.5X30-MM)	4	M	
26	9X-8257	WASHER (17.5X30X3.5-MM THK)	32		
27	159-1118	LOCKWASHER	13		
28	159-1119	LOCKWASHER	8		
29	095-0948	FITTING-GREASE	8		
30	170-5715	SEAL-O-RING	2		
31	9R-1004	CLIP (TAB)	5		
32	9R-1005	CLIP (SLOT)	5		
33	202-2563	PLATE-LOCK	6		
34	202-2562	PLATE-LOCK	4		
35	174-1677	HOSE AS	1	I	
36	174-1678	HOSE AS	4	I	
37	174-4703	HOSE AS	1	I	
38	174-1679	CYLINDER GP-GRAPPLE	2	Y	
39	175-4792	ELBOW (SWIVEL)	5		
40	161-2779	ADAPTER AS	1		
	7J-9108	SEAL-O-RING	1		
	163-3343	SEAL	1		

193-5353 HOUSING GP-GRAPPLE (continued)

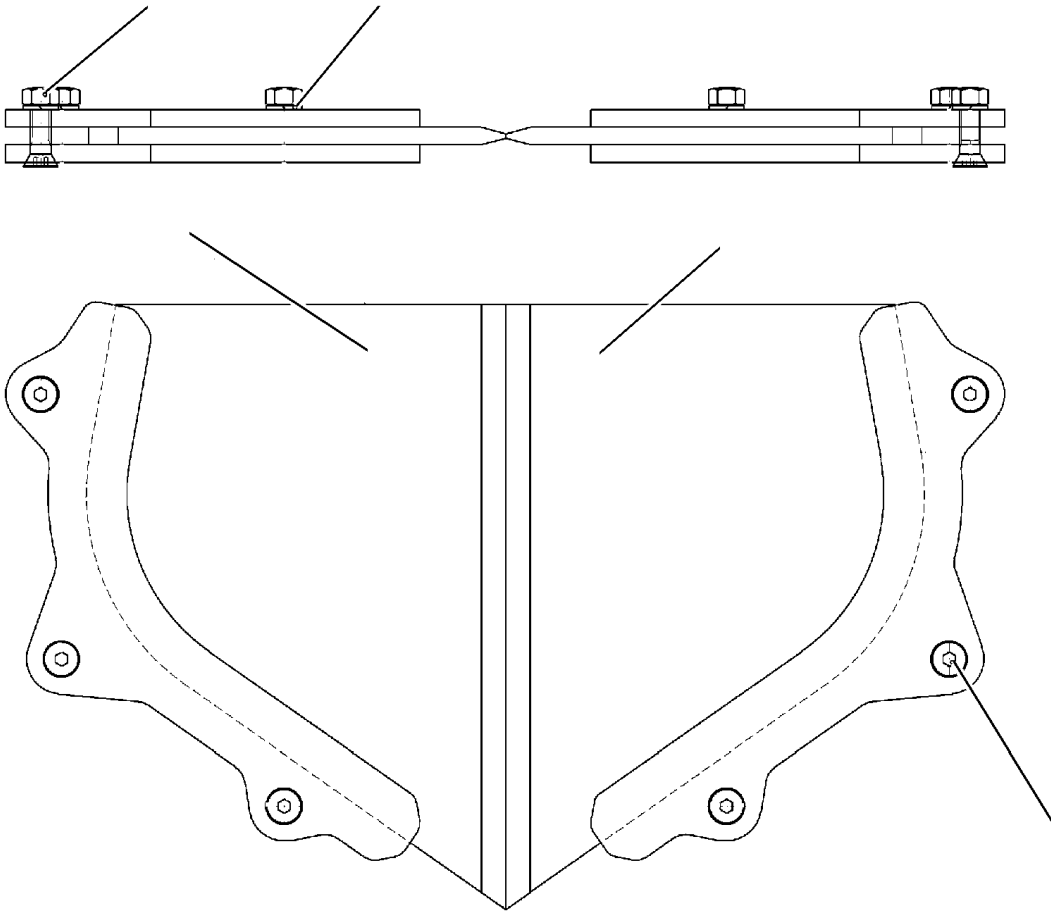
Ref.	Part number	Description	Qty	Code	Group page
41	150-4038	TEE AS	1		
	6V-9746	SEAL-O-RING	1		
	7J-9108	SEAL-O-RING	2		
	7X-7703	TEE-UNION	1		
42	177-3005	ADAPTER AS	3		
	6V-9746	SEAL-O-RING	1		
	163-3343	SEAL	1		
43	164-5573	UNION AS	3		
	6V-8398	SEAL-O-RING	1		
	6V-8738	UNION	1		
	7J-9108	SEAL-O-RING	1		
44	170-3671	LOCK PIN	1		
45	170-5707	LOCKPIN	1		
46	159-1121	LOCKWASHER	6		
47	145-4078	LOCKWASHER	4		

CAT codes: I, M, Y.

187-4371 SIDEBOARD GP-GRAPPLE

187-4371 SIDEBOARD GP-GRAPPLE S/N AFA1-UP; ALW1-UP

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	187-4369	PLATE AS (RH)	2		
2	193-3021	PLATE AS (LH)	2		
3	170-4740	SCREW-FLAT HEAD (M24X3X90-MM)	12	M	
4	8T-4001	NUT (M24X3-THD)	12	M	
5	159-1122	LOCKWASHER	12		

CAT codes: M.

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