

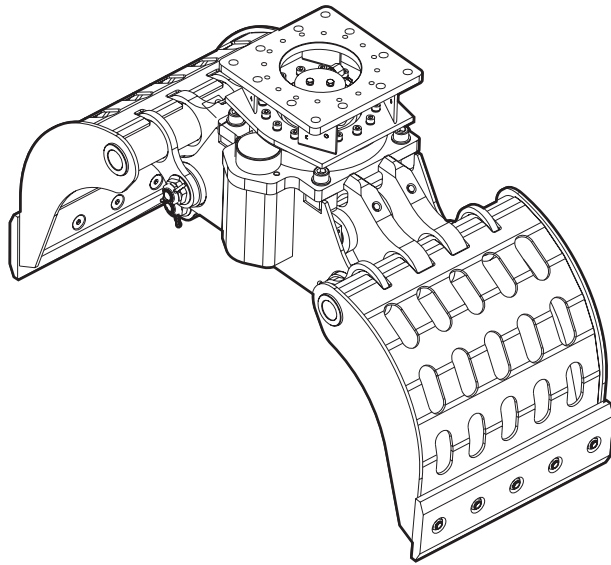
# MG 300 R

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## Spare parts list

### Multi grapple

MG 300 R s/n DEQ236014, DEQ246143 -



# General information

This spare parts list applies to the following:

Part number	Description
3363126448	Multi grapple MG 300 R (rotating)

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## Instructions for use

This spare parts list contains no safety regulations and is merely intended to assist in the ordering of spare parts.

For information about operating, servicing, or repairing, the relevant Safety and operating instructions must be consulted at all costs.

Please observe the safety instructions listed in the relevant Safety and operating instructions!

## Instructions for ordering

It is essential to indicate the serial number of the hydraulic attachment when ordering spare parts!

Please note the full identification number of your hydraulic attachment.

Determine the quantity of individual parts which are required and need to be ordered. The order must indicate the following details:

- full identification code of the hydraulic attachment
- required quantity
- part number
- description

**Service, repair and wear part kits**

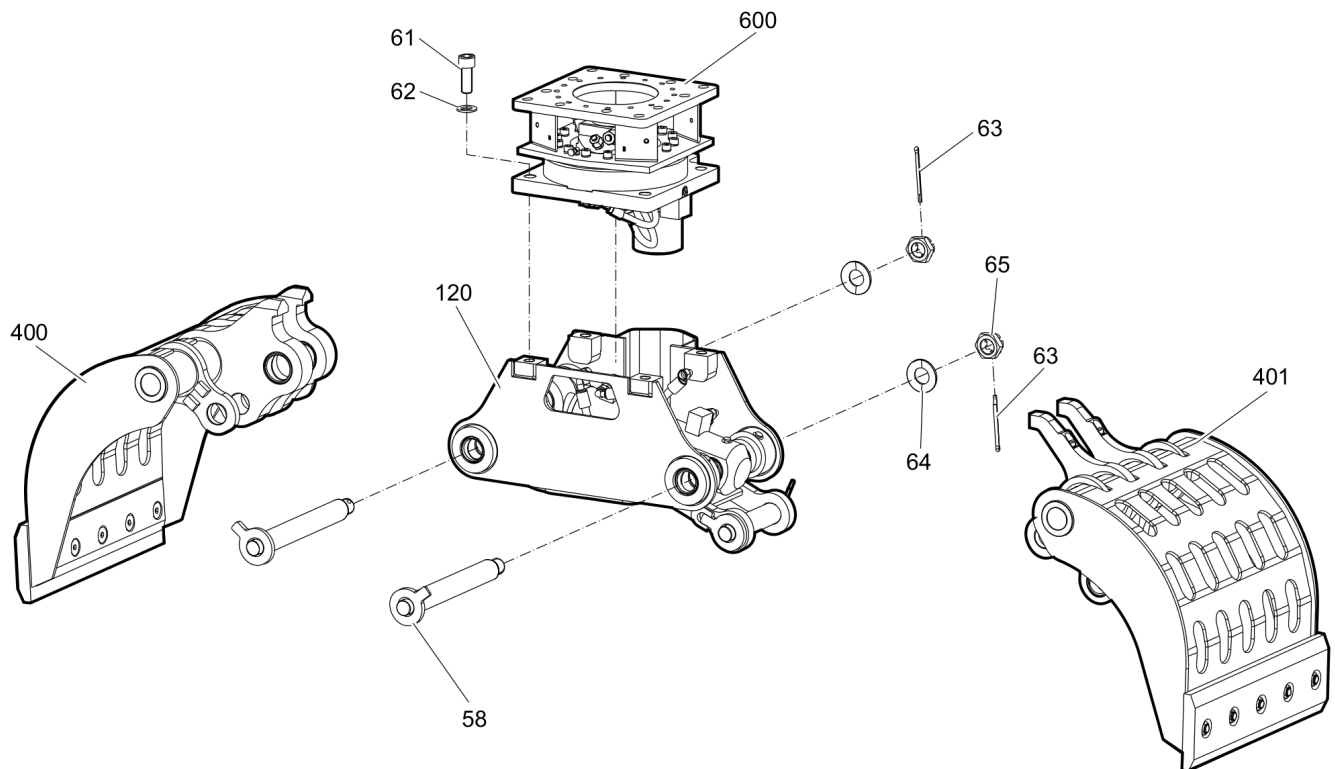
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Service, repair and wear part kits Kit list

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Item	Part No.	Name	Qty	L
KIT	3363106250	LABEL KIT	1	
410(411-413)	3363125139	BLADE KIT	1	
411		BLADE	2	
412	3363125015	HEXAGON SOCKET COUNTERSUNK HEAD SCREW	10	
413	3363087617	HEXAGON NUT	10	
KIT	3376678108	SEAL KIT (Live ring)	1	
220(221-228)	3376679155	SEAL KIT (hydraulic cylinder)	1	
221		WIPER	1	
222		SEAL	1	
223		SLIDING RING	2	
224		BACK-UP RING	1	
225		O-RING	1	
226		O-RING	1	
227		SLIDING RING	1	
228		SLIDING RING	1	
710(712+620)	3376678152	SEAL KIT (Rotary transmission)	1	
712		SEAL	5	
620		O-RING	4	
KIT	3363124373	SEAL KIT (Hydraulic motor)	1	

## Mechanical Multi grapple part 1

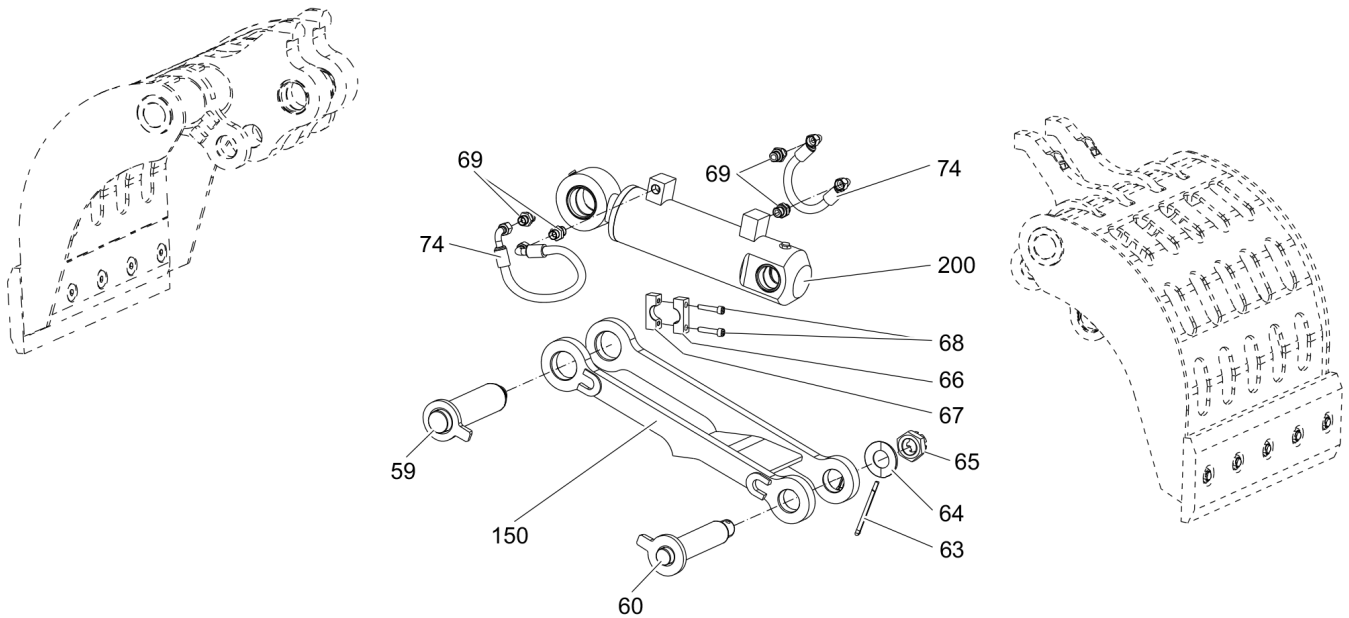


Item	Part No.	Name	Qty	L
58	3363124335	BOLT	2	
61	3363094902	ALLEN SCREW	4	
62	0300027413	WASHER	4	
63	5730015908	SPRING DOWEL SLEEVE	2	
64	3376100927	SPRING RING	2	
65	3376100911	CASTLE NUT	2	
120	3363125118	HOUSING complete	1	A
400	3363127367	GRAPPLE LEAF COMPLETE (LEFT)	1	A
401	3363127368	GRAPPLE LEAF COMPLETE (RIGHT)	1	A
600	3363125200	UPPER PART	1	A

Comments for Page: Multi grapple part 1

A | see separate chapter

## Mechanical Multi grapple part 2



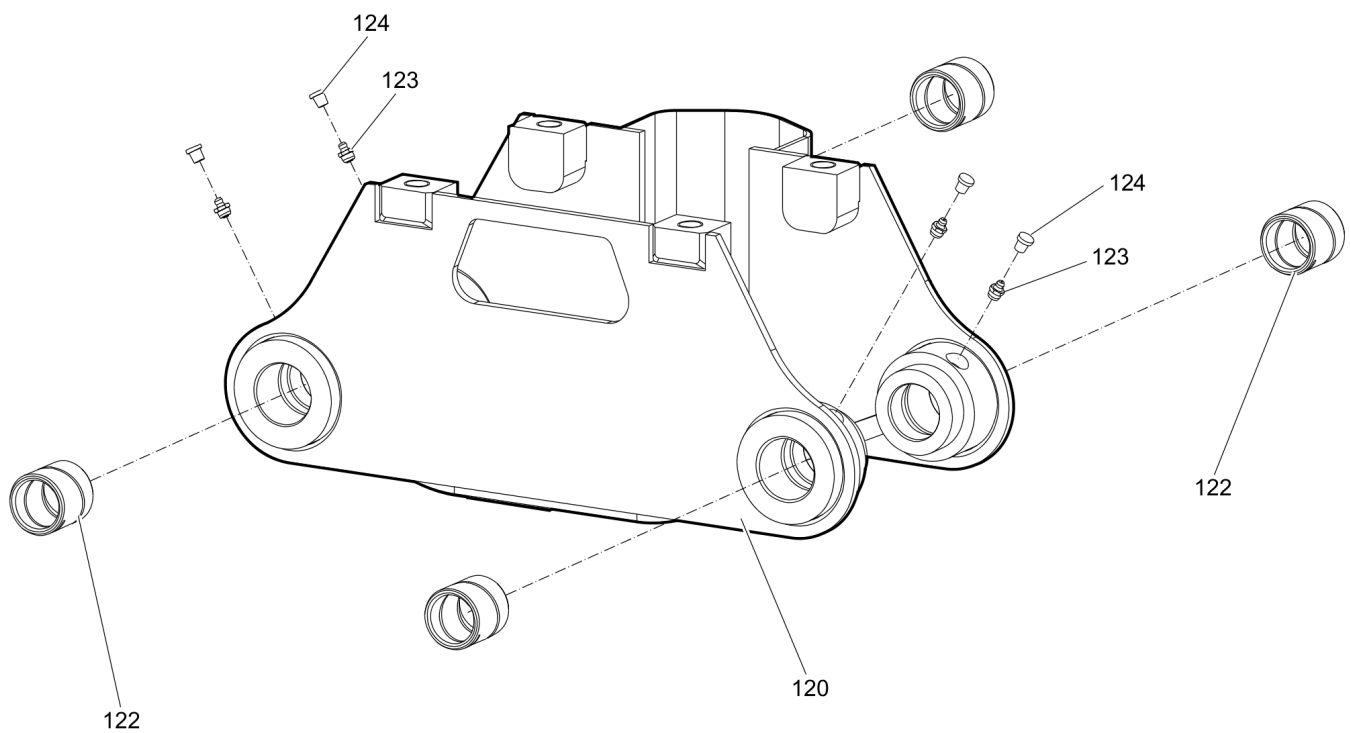


Item	Part No.	Name	Qty	L
59	3363123752	BOLT	1	
60	3363123735	BOLT	1	
63	5730015908	SPRING DOWEL SLEEVE	1	
64	3376100927	SPRING RING	1	
65	3376100911	CASTLE NUT	1	
66	3363123734	CLAMP	1	
67	3363123709	CLAMP	1	
68	3372005028	ALLEN SCREW	2	
69	3376100924	FITTING	2	
74	3376100934	HYDRAULIC HOSE	2	
150	3363125123	LINKAGE	1	
200	3363125122	HYDRAULIC CYLINDER complete	1	A

Comments for Page: Multi grapple part 2

A | see separate chapter

## Mechanical Housing complete

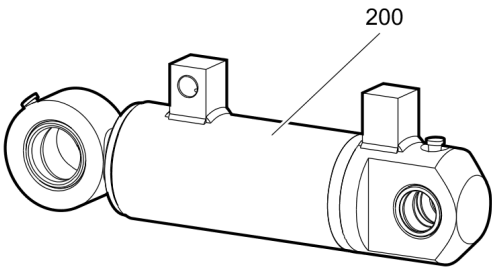


Item	Part No.	Name	Qty	L
120	3363125118	HOUSING complete	1	A
122	3363124315	BEARING BUSH	4	
123	3360209834	GREASE NIPPLE	4	
124	3363087600	CAP	4	

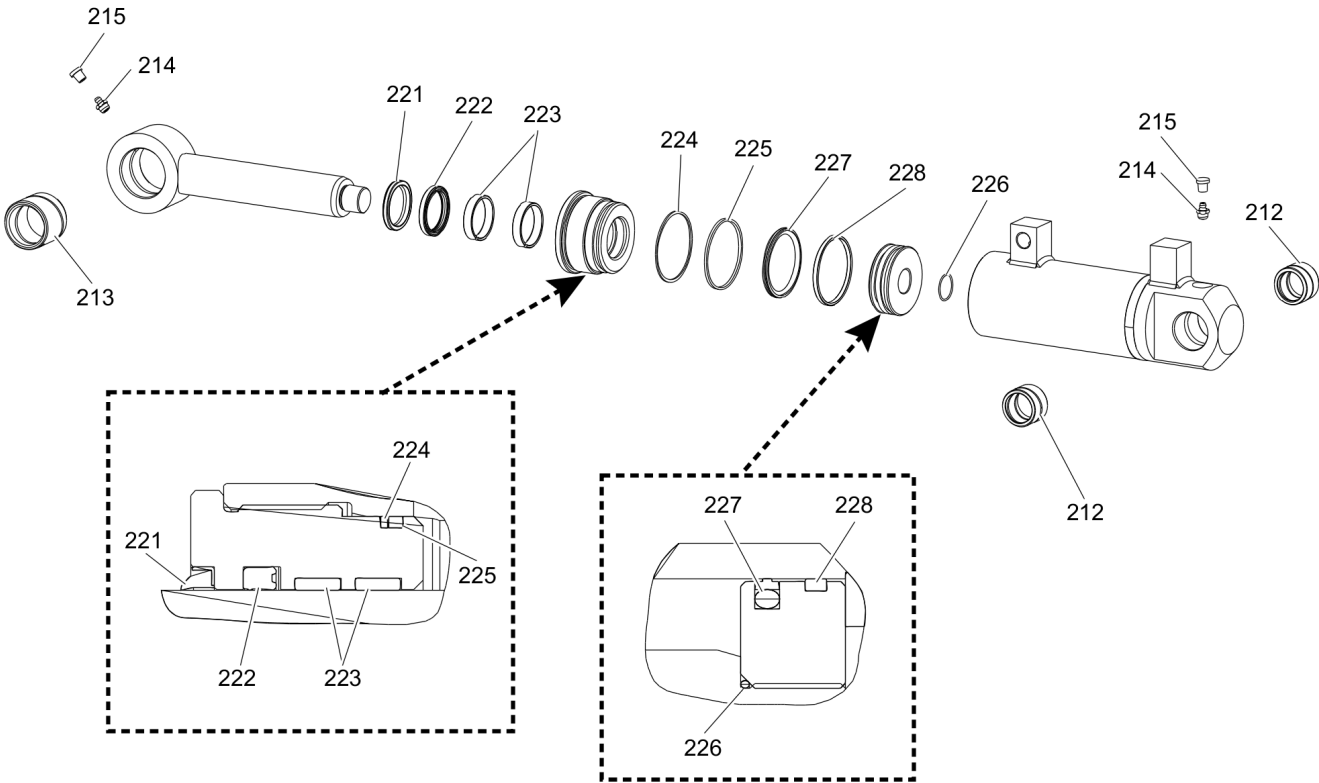
Comments for Page: Housing complete

A | with item 122 - 124

Mechanical Hydraulic cylinder complete



220								
221	222	223	224	225	226	227	228	

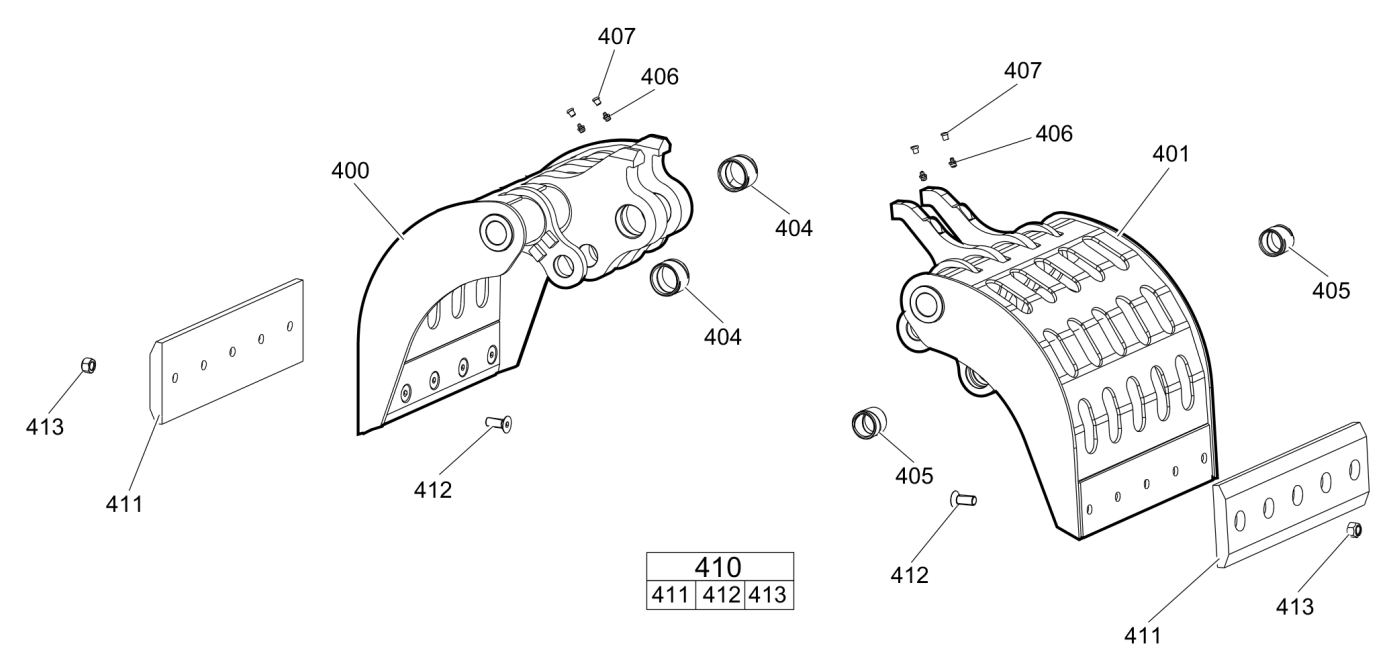


Item	Part No.	Name	Qty	L
200	3363125122	HYDRAULIC CYLINDER complete	1	A
212	3363123704	BEARING BUSH	2	
213	3363123260	BEARING BUSH	1	
214	3360209834	GREASE NIPPLE	2	
215	3363087600	CAP	2	
220(221-228)	3376679155	SEAL KIT (hydraulic cylinder)	1	
221		WIPER	1	
222		SEAL	1	
223		SLIDING RING	2	
224		BACK-UP RING	1	
225		O-RING	1	
226		O-RING	1	
227		SLIDING RING	1	
228		SLIDING RING	1	

Comments for Page: Hydraulic cylinder complete

A | with item 212 - 228

Mechanical Grapple leafs complete



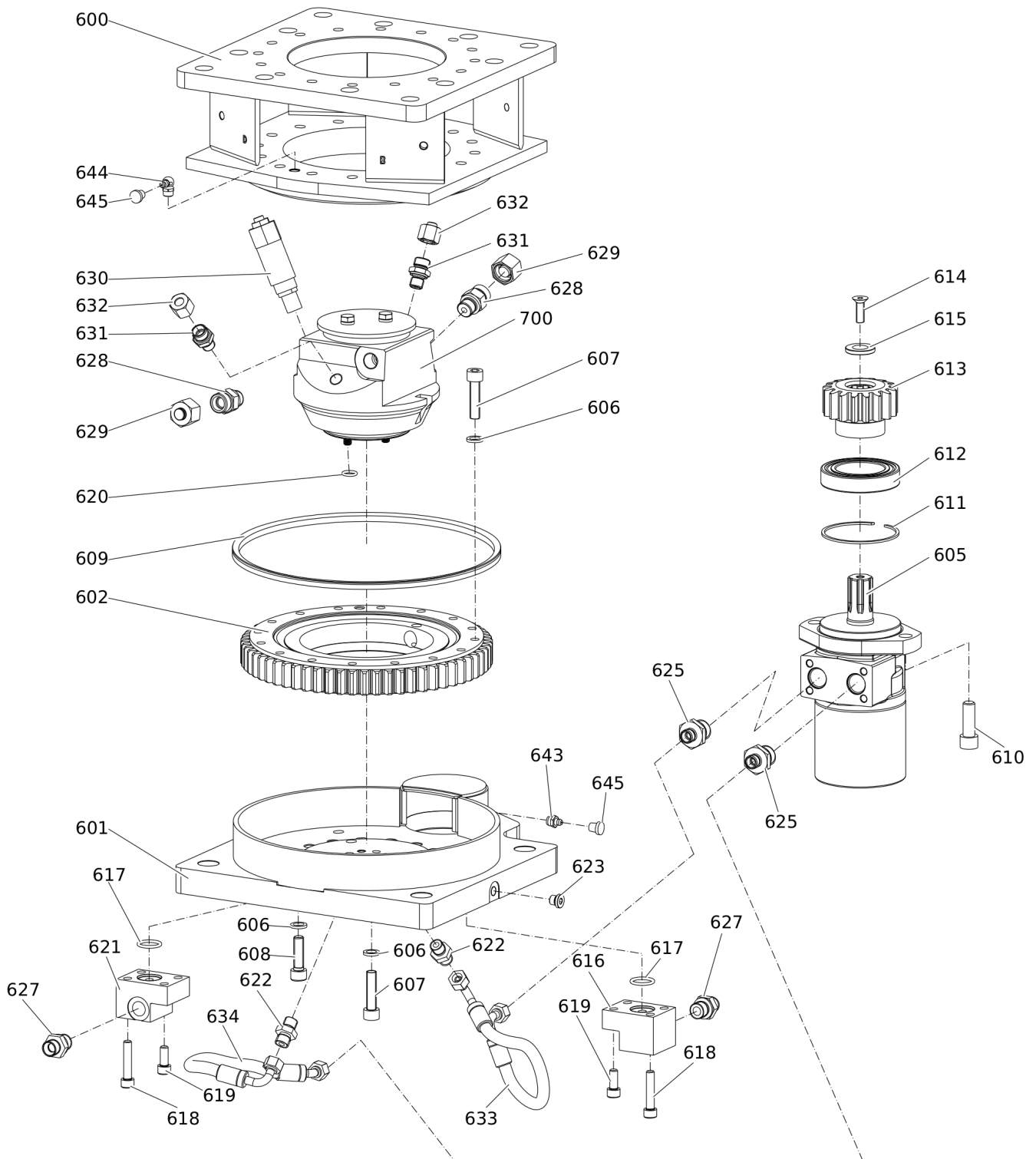
Item	Part No.	Name	Qty	L
400	3363127367	GRAPPLE LEAF COMPLETE (LEFT)	1	A
401	3363127368	GRAPPLE LEAF COMPLETE (RIGHT)	1	B
404	3363123241	BEARING BUSH	2	
405	3363123704	BEARING BUSH	2	
406	3360209834	GREASE NIPPLE	4	
407	3363087600	CAP	4	
410(411-413)	3363125139	BLADE KIT	1	
411		BLADE	2	
412	3363125015	HEXAGON SOCKET COUNTERSUNK HEAD SCREW	10	
413	3363087617	HEXAGON NUT	10	

Comments for Page: Grapple leafs complete

A | with 2 x item 404, 2 x item 406, 2 x item 407, 1 x item 411, 5 x item 412, 5 x item 413

B | with 2 x item 405, 2 x item 406, 2 x item 407, 1 x item 411, 5 x item 412, 5 x item 413

## Mechanical Upper part





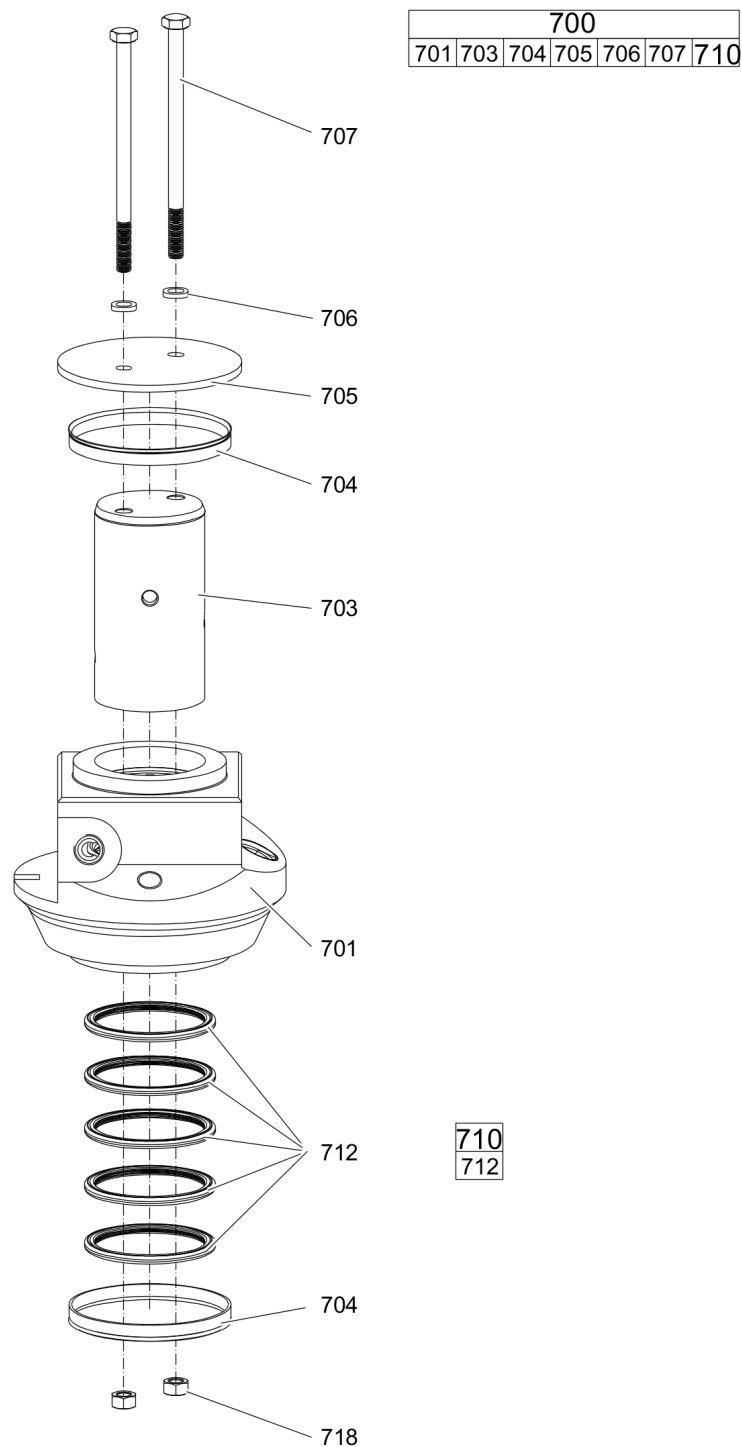
Item	Part No.	Name	Qty	L
600	3363125200	UPPER PART	1	
601	3363127168	BEARING PLATE	1	
602	3376100931	LIVE RING	1	
605	3363124428	HYDRAULIC MOTOR	1	
606	3361850745	PAIR OF LOCK WASHERS	32	
607	4700508045	ALLEN SCREW	28	
608	3363070895	ALLEN SCREW	4	
609	3376100956	SEAL	1	
610	0211140200	CAP SCREW	2	
611	3376100863	SNAP RING	1	
612	4700000115	BALL BEARING	1	
613	3363124523	PINION	1	
614	4700513013	COUNTERSUNK SCREW	1	
615	3363124524	WASHER	1	
616	3363124575	CONNECTION BLOCK	1	
617	3363125231	O-RING	2	
618	3372005028	ALLEN SCREW	4	
619	3371820721	ALLEN SCREW	4	
620	0663211801	O-RING	4	
621	3376679042	CONNECTION BLOCK	1	
622	3376545201	FITTING	2	
623	3371817740	PLUG	1	
625	3376100923	FITTING	2	
627	3376100924	FITTING	2	
628	3360478333	FITTING	2	
629	3376100873	PLUG	2	
630	3376100916	PRESSURE VALVE	1	
631	3376100921	FITTING	2	
632	3376100922	PLUG	2	
633	3376100933	HYDRAULIC HOSE	1	
634	3376100932	HYDRAULIC HOSE	1	
643	3360209834	GREASE NIPPLE	1	
644	3376100738	GREASE NIPPLE	1	
645	3363087600	CAP	2	
700	3363122219	ROTARY TRANSMISSION	1	A

Comments for Page: Upper part

A | see separate chapter

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Mechanical Rotary transmission



Item	Part No.	Name	Qty	L
700(701-710)	3363122219	ROTARY TRANSMISSION	1	
701	3363123766	STATOR	1	
703	3363123969	ROTOR	1	
704	3376100914	V-RING	2	
705	3363123772	COVER	1	
706	3361850743	PAIR OF LOCK WASHERS	2	
707	0147111067	HEXAGON HEAD SCREW	2	
710(712)	3376678152	SEAL KIT (Rotary transmission)	1	A
712		SEAL	5	
718		HEXAGON NUT	2	B

Comments for Page: Rotary transmission

A | MG 200 R and MG 300 R: with item 620 as well; drawing see chapter Upper part,

MG 400 R, MG 500 R: with item 86 as well; drawing see chapter Multi grapple MG 400 R part 2, respectively Multi grapple MG 500 R part 2

B | as transportation safety device

Mechanical Tightening torques

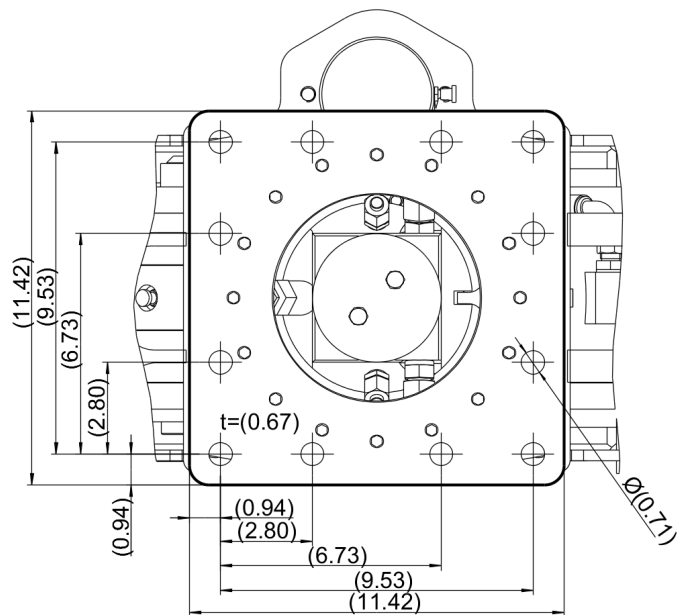
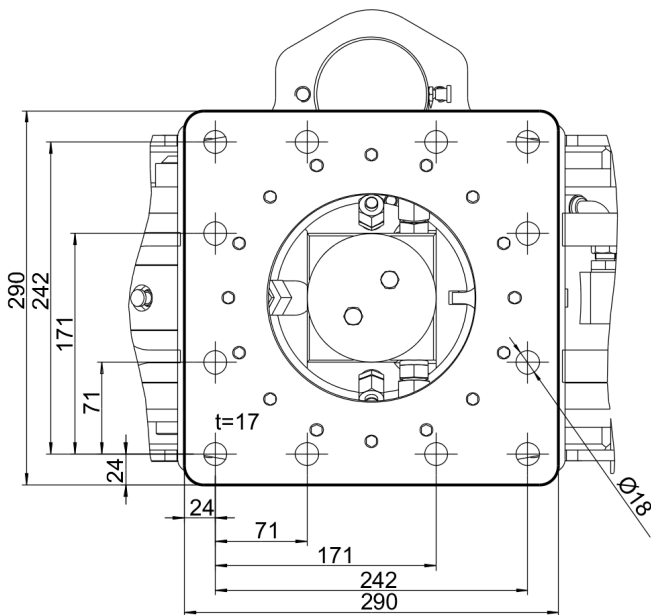
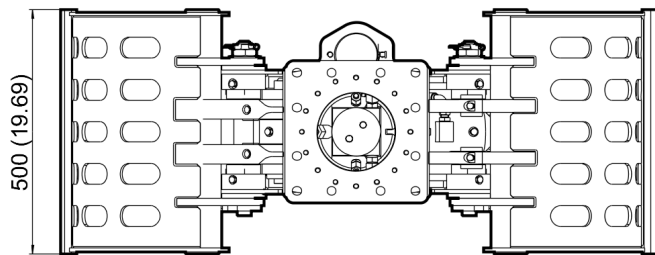
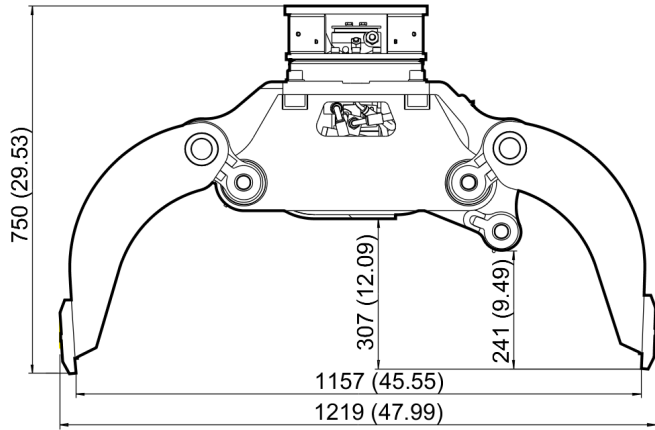
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Item	Part No.	Name	Qty	L
61	-	ALLEN SCREW - 590 + 60 Nm (435 + 44 ft lbf)	-	
68	-	ALLEN SCREW - 36 + 3 Nm (27 + 2 ft lbf)	-	
123	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
214	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
406	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
412	-	HEXAGON SOCKET COUNTERSUNK HEAD SCREW - 530 + 30 Nm (391 + 22 ft lbf)	-	
607	-	ALLEN SCREW - 70 + 7 Nm (52 + 5 ft lbf)	-	
608	-	ALLEN SCREW - 70 + 7 Nm (52 + 5 ft lbf)	-	
610	-	CAP SCREW - 110 + 25 Nm (81 + 18 ft lbf)	-	
614	-	COUNTERSUNK SCREW - 30 + 3 Nm (22 + 2 ft lbf)	-	A
618	-	ALLEN SCREW - 36 + 3 Nm (27 + 2 ft lbf)	-	
619	-	ALLEN SCREW - 36 + 3 Nm (27 + 2 ft lbf)	-	
643	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
644	-	GREASE NIPPLE - 8 + 2 Nm (6 + 1 ft lbf)	-	
707	-	HEXAGON HEAD SCREW - 30 + 6 Nm (22 + 4 ft lbf)	-	

Comments for Page: Tightening torques

A | locked with Loctite 243

## Mechanical Dimensions



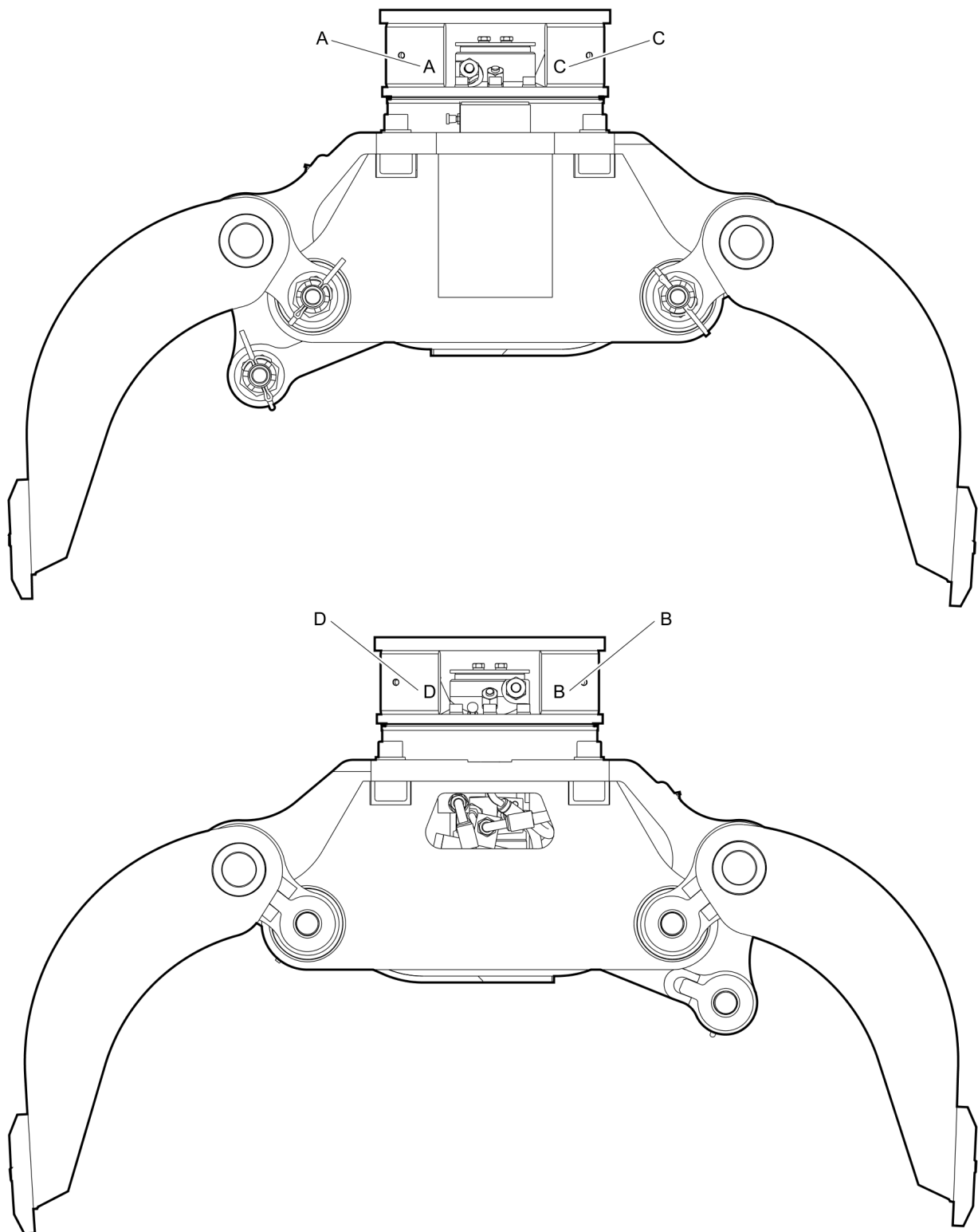
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## Options / accessories Hydraulic ports, hydraulic hoses



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Item	Part No.	Name	Qty	L
	-	Open - Close		
-	3363094540	HYDRAULIC HOSE, I.D. 10 (3/8 in.) both ends M20 x 1.5, conical seal 24°, length 2000 mm (78.4 in.)	2	
	-	Rotation		
-	3363094541	HYDRAULIC HOSE, I.D. 8 both ends M16 x 1.5, conical seal 24°, length 2000 mm (78.74 in.)	2	

Comments for Page: Hydraulic ports, hydraulic hoses

Hydraulic ports

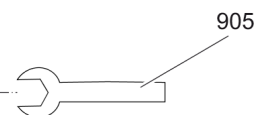
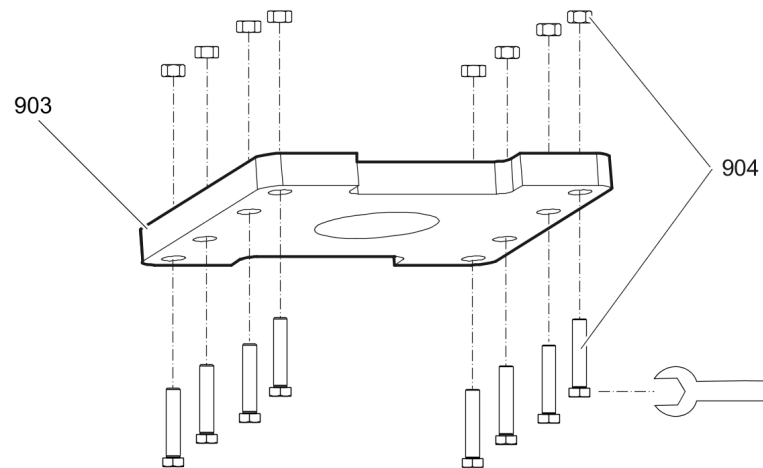
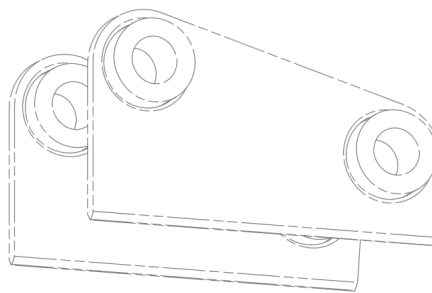
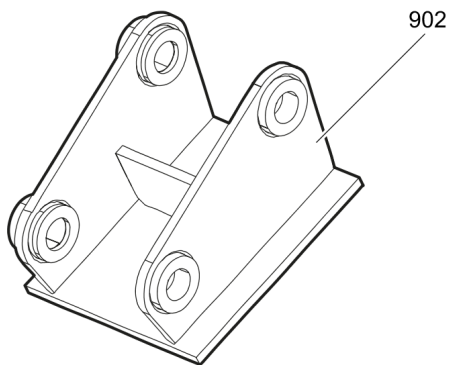
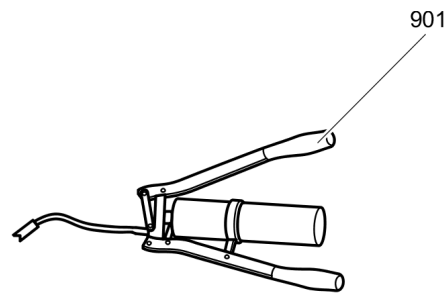
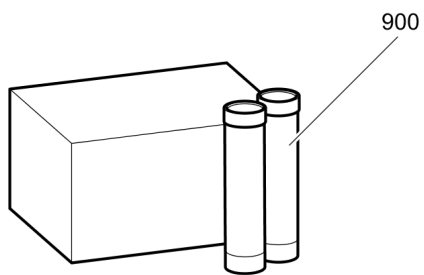
A | open

B | close

C | rotation counterclockwise

D | rotation clockwise

## Options / accessories Optional equipment



Item	Part No.	Name	Qty	L
900	3363094914	CUTTER GREASE CARTRIDGE, 12 x 400 g (0.88 lbs)	1	
901	0909107100	LUBRICAT.GUN	1	
902		ADAPTER PLATE matching the carrier. Consult the authorized Customer Center/Dealer in your area.	1	
902	3315304300	BASE PLATE with through borings	1	
904	3315296490	BOLT KIT	1	
905	3360430655	OPEN END SPANNER (24/27 mm)	1	





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