

PARTS MANUAL
PMRD15ENG.903

CUTTER-CRUSHER

RAMMER RD 15

Serial No.
RD15RA0018-UP

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GENUINE RAMMER SPARE PARTS

Rammer genuine spare parts are designed and manufactured by using the latest technological knowledge and engineering skills. Rammer spare parts are made of the best available materials with the most advanced manufacturing techniques.

It is important that you use only genuine Rammer spare parts, to ensure easy operation, maintenance and repair of the product. Please note that eventual warranty claims will be handled only if you have used genuine Rammer parts in your Rammer.

LOCATION OF THE SERIAL NUMBER

It's important to make correct reference to the serial number of the product when ordering spare parts. Identification of serial number is the only proper means of maintaining and identifying parts for a specific product. The location of equipment serial number is pointed in "Operation and maintenance" manual.

SPARE PART ORDERS

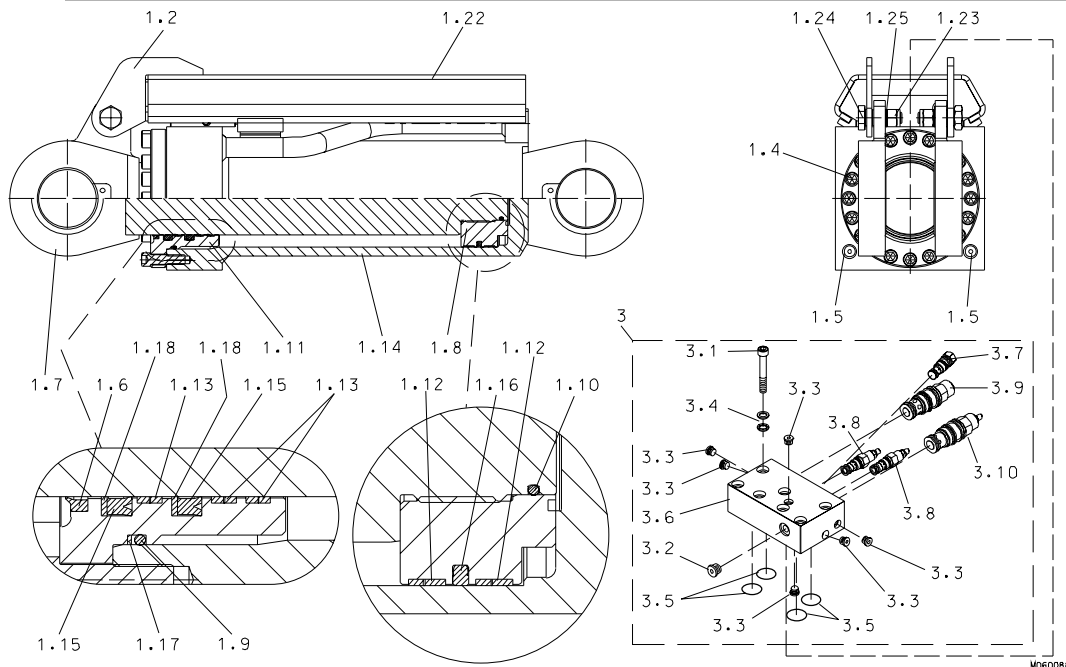
Quick spare part deliveries are secured by exact orders.

Required information:

- Name of customer and contact person
 - Order number (when available)
 - Delivery address
 - Mode of delivery (air mail etc.)
 - Required delivery date
 - Invoicing address
 - Model and serial number of the product
 - Name, number and required amount of spare parts
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PARTS

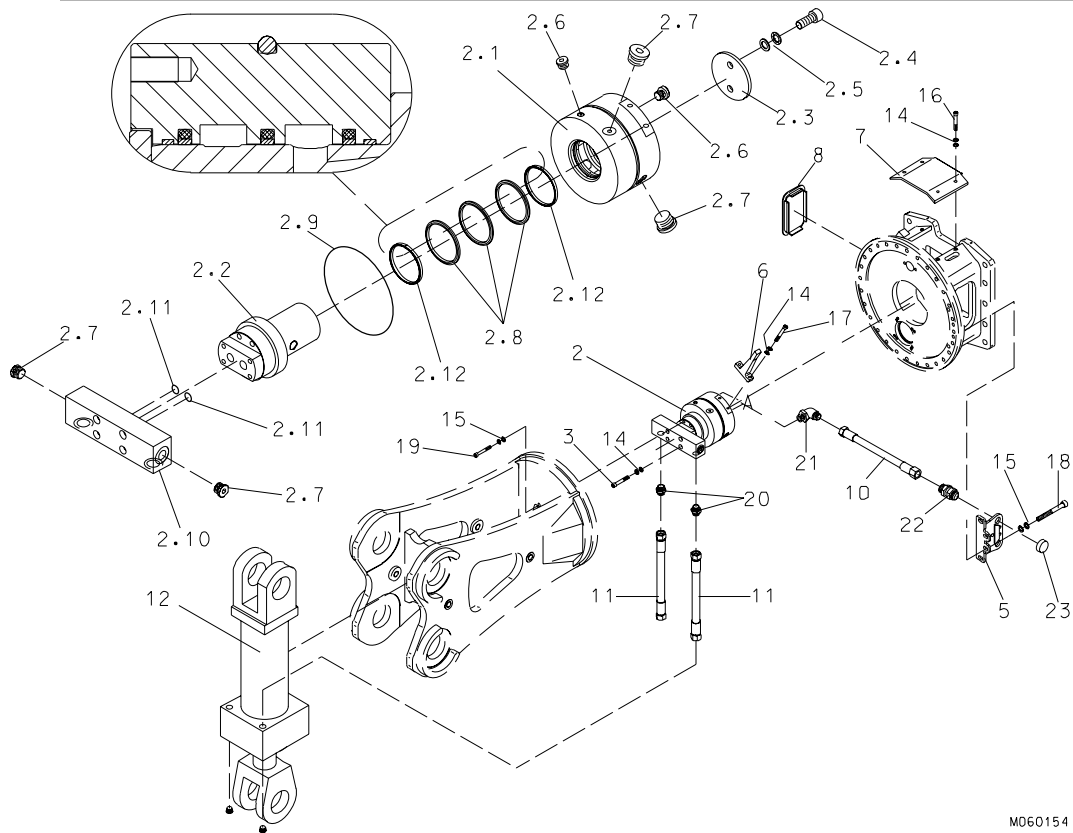
1. CYLINDER RD 15



Item	Description	Part no.	Specification	Note	Qty
1	Hydraulic cylinder (incl. parts 1.2-1.18)	903349			1
1.2	Shield (incl. parts 1.22-1.25)	113167			1
1.22	Shield plate	113141			1
1.23	Nut	90579	M20-8 ISO 7040		2
1.24	Hex. screw	113169			2
1.25	Lock washer	91010	M20 NORD-LOCK		2
1.4	Hex. socket screw	91006	M16x60-8.8 ISO 4762		16
1.5	Flange plug	90403	G1/4		2
1.6	Wiper	903348			1
1.7	Piston rod	903352			1
1.8	Piston	903353			1
1.9	O-ring	90002	D164		1
1.10	O-ring	903342	D64		1
1.11	Guide	903354			1
1.12	Steering ring	903346			2
1.13	Steering ring	903347			3
1.14	Body	903355			1
1.15	Seal	903344			2
1.16	Seal	903345			1
1.17	Supporting ring	94009			1

Item	Description	Part no.	Specification	Note	Qty
1.18	Supporting ring	903343			2
2	Seal set for cylinder	950159			1
3	Valve (incl. parts 3.1-3.10)	113190			1
3.1	Hex. socket screw	900000	M12x70-8.8 ISO 4762		7
3.2	Flange plug	90403	G1/4		1
3.3	Flange plug	93203	G1/8		6
3.4	Lock washer	91012	M12 NORD-LOCK		7
3.5	O-ring	94022	D28		4
3.6	Body	112629			1
3.7	Valve	903164	SUN CSAD-XXN T-11A		1
3.8	Valve	903165	SUN NFCC-LCN T-13A		2
3.9	Valve	903166	SUN CBGA-LHN T-17A		1
3.10	Valve	903167	SUN RSHC-LAN T-17A		1
3.11	Seal set for valve T-11A	903160			1
3.12	Seal set for valve T-13A	903159			2
3.13	Seal set for valve T-17A	903161			2

2. HYDRAULICS RD 15

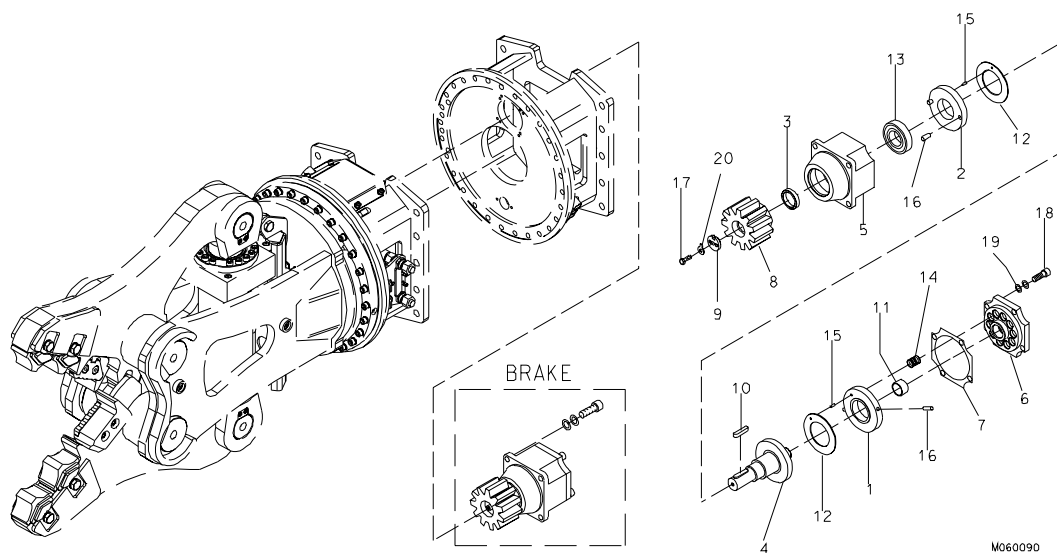


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Item	Description	Part no.	Specification	Note	Qty
2	Bulkhead union (incl. parts 2.1-2.12)	112833			1
2.1	Body	112832			1
2.2	Spool	150318			1
2.3	Cover	112705			1
2.4	Hex. socket screw	91005	M16x45-8.8 DIN 912		2
2.5	Lock washer	90597	M16 NORD-LOCK		2
2.6	Flange plug	93203	G1/8		2
2.7	Flange plug	90401	G3/4		4
2.8	Seal	950063			3
2.9	O-ring	903162	D219		1
2.10	Manifold	150319			1
2.11	O-ring	94022	D28		2
2.12	Guide-ring	951336			2
2.13	Seal set for bulkhead union	150881			1
3	Hex. socket screw	900000	M12x70-8.8 ISO 4762		4
5	Support	112870			1
6	Support	111418			1
7	Shield plate	111621			2
8	Plug	104100			1

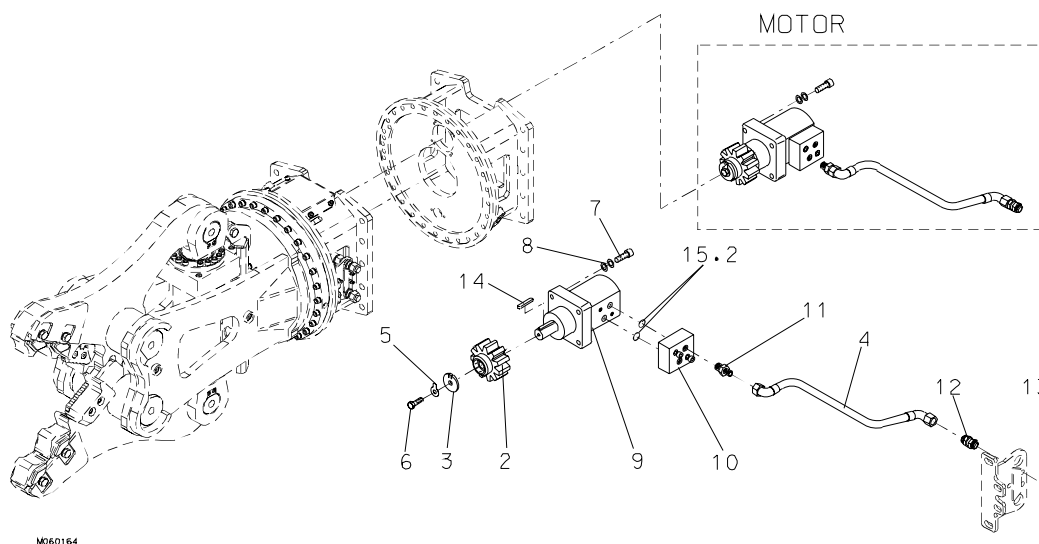
Item	Description	Part no.	Specification	Note	Qty
10	Hose assembly	111645	L=272 mm		2
11	Hose assembly	111646	L=1070 mm		2
12	Hydraulic cylinder	903349			1
14	Lock washer	91012	M12 NORD-LOCK		14
15	Lock washer	90597	M16 NORD-LOCK		8
16	Hex. socket screw	91045	M12x30-8.8 ISO 4762		8
17	Hex. socket screw	90564	M12x40-8.8 ISO 4762		2
18	Hex. socket screw	91100	M16x40-8.8 ISO 4762		4
19	Hex. socket screw	91032	M16x50-8.8 ISO 4762		4
20	Adapter	901583			2
21	Elbow	901585			2
22	Bulkhead union	90470			2
23	Cap	93070			2

3. BRAKE RD 15



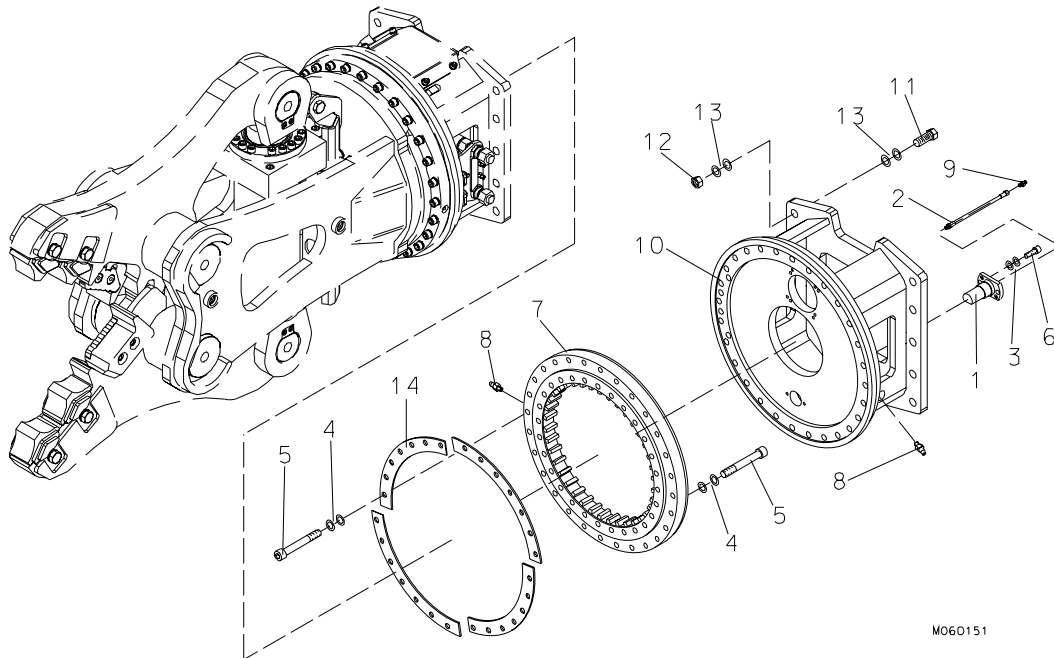
Item	Description	Part no.	Specification	Note	Qty
Kit	Brake (incl. parts 1-20)	111384			1
1	Supporting ring	140195			1
2	Supporting ring	140196			1
3	Bushing	140197			1
4	Shaft	140198			1
5	Body	140294			1
6	Cover	140293			1
7	Spacer plate	140193			2
8	Cylindrical gear	111427			1
9	Washer	140052			1
10	Key	901482			1
11	Bush	901483			1
12	Plate	901484			2
13	Ball bearing	901485			1
14	Spring	901486			10
15	Parallel pin	901487			2
16	Parallel pin	901488			4
17	Hex. socket screw	91020	M8x25-8.8 DIN 912		1
18	Hex. socket screw	900046	M12x35-8.8 DIN 912		8
19	Lock washer	91012	M12 NORD-LOCK		8
20	Washer	902925	8.4 DIN 93		1

4. HYDRAULIC MOTOR RD 15



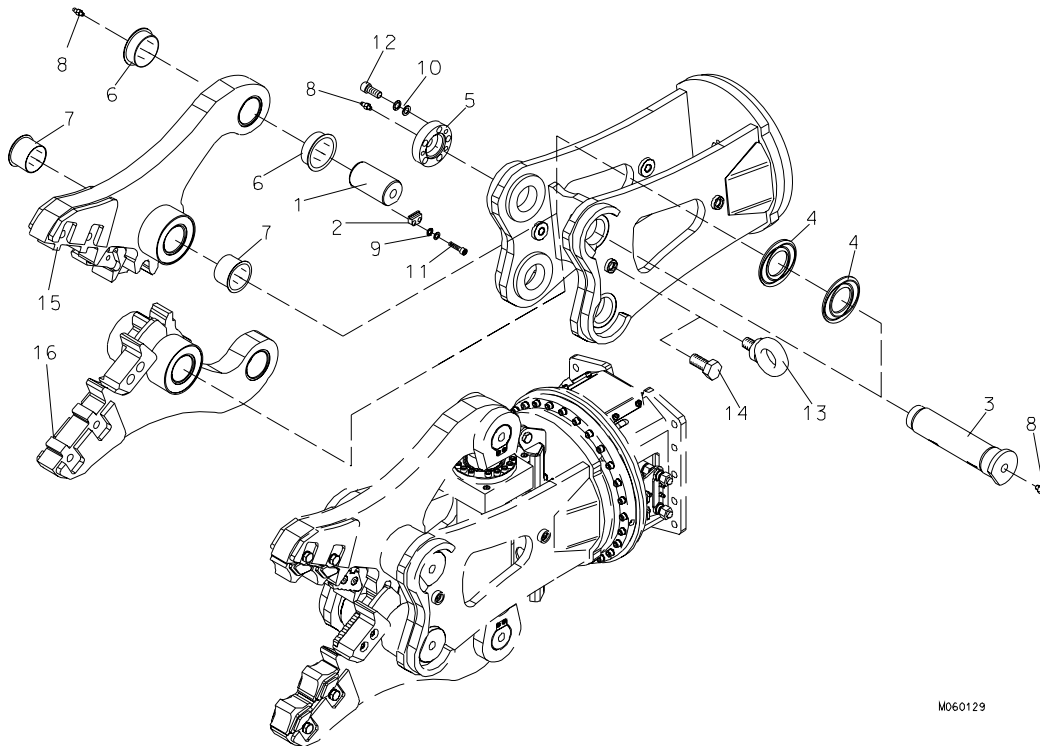
Item	Description	Part no.	Specification	Note	Qty
Kit	Hydraulic motor (incl. parts 2-14)	154390			1
2	Cylindrical gear	153490			1
3	Washer	153332			1
4	Hose assembly	111643			2
5	Washer	902925	8.4 DIN 93		1
6	Hexagon screw	90591	M8x20-8.8 ISO 4017		1
7	Hex. socket screw	900046	M12x35-8.8 ISO 4762		4
8	Lock washer	91012	M12 NORD-LOCK		4
9	Hydraulic motor	951451			1
10	Pressure adjusting valve (incl. part 15.2)	901320			1
11	Adapter	950038			2
12	Bulk head union	93239			2
13	Cap	93234			2
14	Key	903156			1
15.2	O-ring	903190	D23		2

5. SLEWING RING RD 15



Item	Description	Part no.	Specification	Note	Qty
1	Guide	111417			1
2	Hose assembly	111637			1
3	Lock washer	91012	M12 NORD-LOCK		2
4	Lock washer	90597	M16 NORD-LOCK		56
5	Hex. socket screw	902940	M16x100-12.9 DIN 912		56
6	Hex. socket screw	91045	M12x30-8.8 DIN 912		2
7	Slewing ring	903147			1
8	Grease nipple	90204	M10x1 DIN 71412-T1 A		3
9	Adapter	903148			1
10	Mounting bracket	111392			1
11	Hexagon screw	90589	M24x110-12.9 DIN 931		10
12	Lock nut	90507	M24-12 DIN 985		10
13	Lock washer	91038	M24 NORD-LOCK		20
14	Plate	150187			4

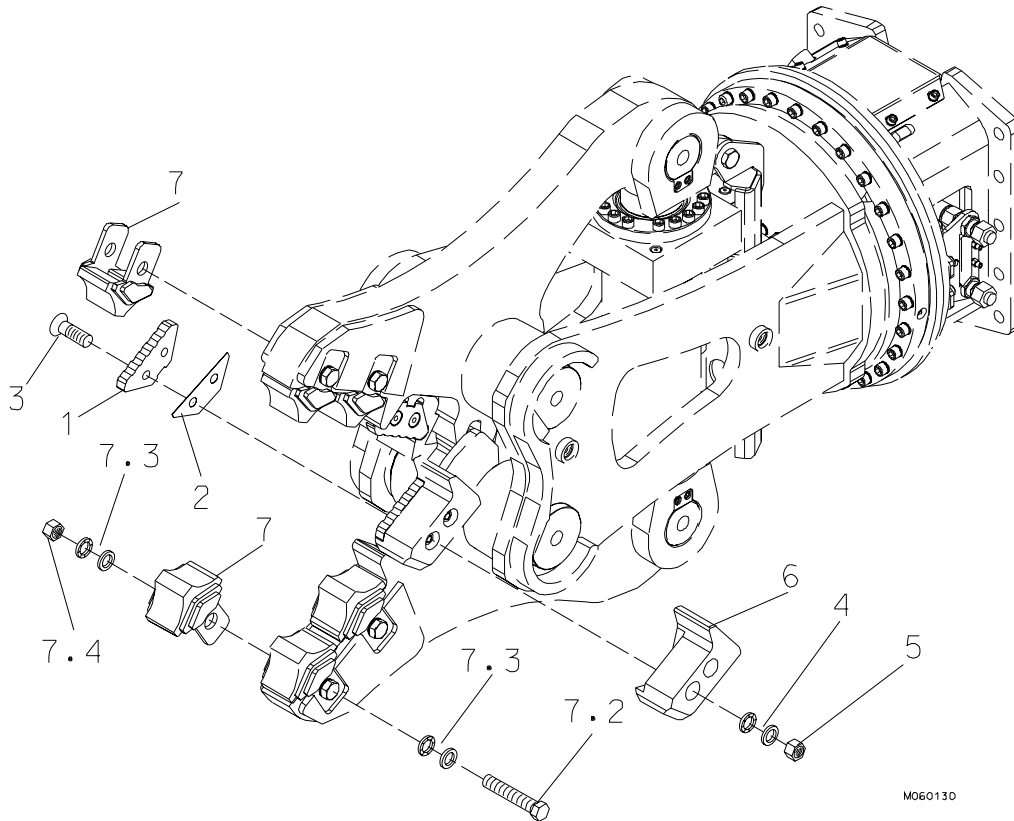
6. BODY PARTS RD 15 DEMOLITION



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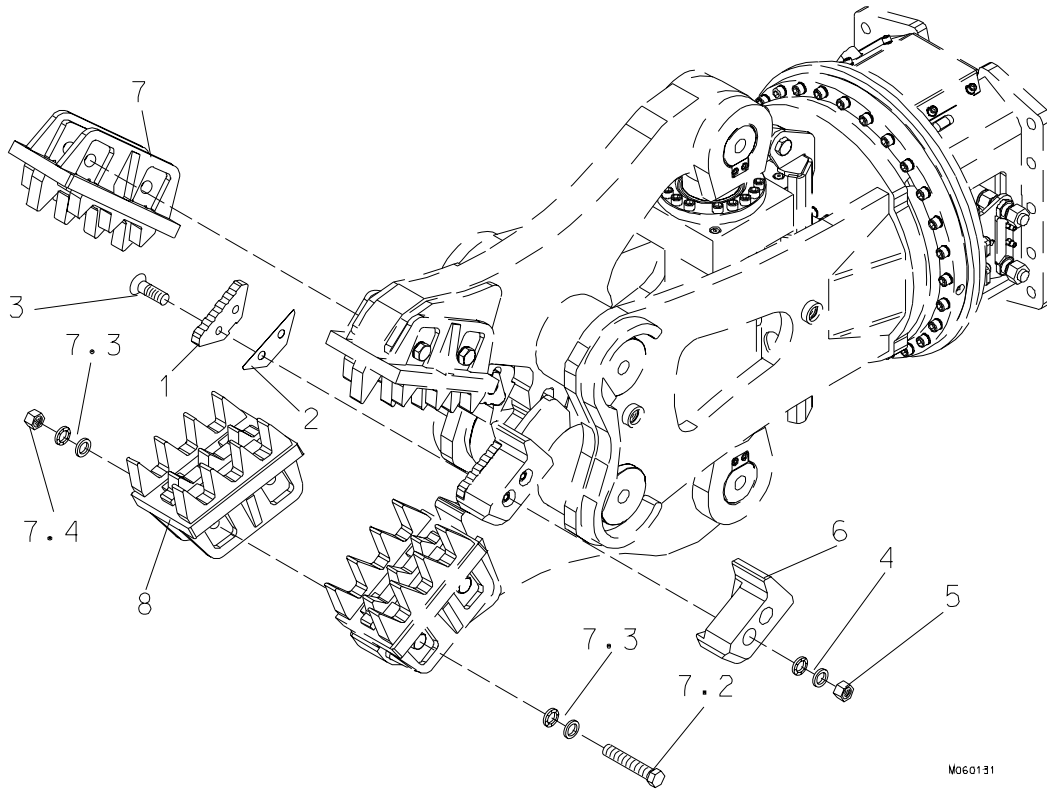
Item	Description	Part no.	Specification	Note	Qty
1	Shaft	112797			2
2	Bar	112802			2
3	Shaft	112799			2
4	Spacer	112800			2
5	Nut	112804			2
6	Sliding bear	950087	10050 Wieland WB802WF L=40		4
7	Sliding bear	950086	10090 Wieland WB802WF		4
8	Grease nipple	90204	M10x1 DIN 71412-T1 A		6
9	Lock washer	91037	M10 NORD-LOCK		4
10	Lock washer	90597	M16 NORD-LOCK		2
11	Hex. socket screw	90504	M10x30-8.8 ISO 4762		4
12	Hex. socket screw	91100	M16x40-8.8 ISO 4762		2
13	Lifting eye	90705	M30 DIN 580		2
14	Hexagon screw	900026	M30x40-8.8 ISO 4017		4
15	Jaw 1 (incl. parts 6-7)	112684			1
16	Jaw 2 (incl. parts 6-7)	112787			1
17	Label set	150852			1

7. WEAR ITEMS RD 15 DEMOLITION



Item	Description	Part no.	Specification	Note	Qty
1	Cutting blade	111909			2
2	Shim plate	111910			2
3	Hex. socket screw	903151	M16x90-8.8 DIN 7991		4
4	Lock washer	90597	M16 NORD-LOCK		4
5	Lock nut	90548	M16-8 DIN 985		8
6	Cutting blade seat	112684			2
7	Tooth (incl. parts 7.2-7.4)	150598			4
7.2	Hex. screw	950169	M24x130-8.8 ISO 4017		1
7.3	Lock washer	91038	M24 NORD-LOCK		2
7.4	Hex. nut	91030	M24-8 ISO 4032		1

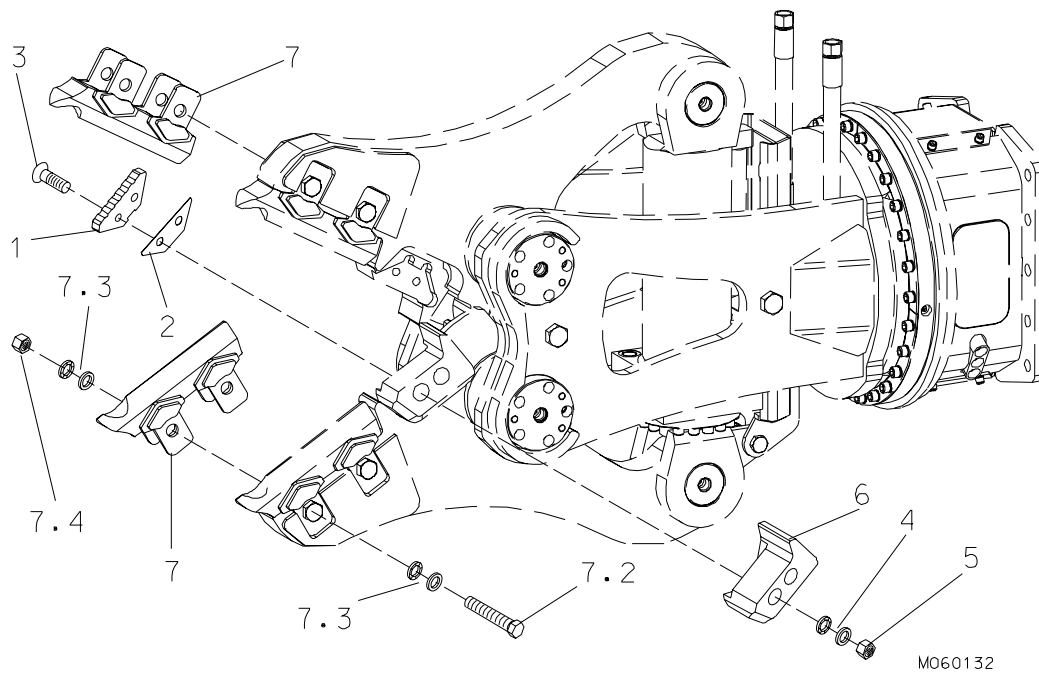
8. WEAR ITEMS RD 15 DEMOLITION WITH PULVERIZER



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Item	Description	Part no.	Specification	Note	Qty
1	Cutting blade	111909			2
2	Shim plate	111910			2
3	Hex. socket screw	903151	M16x90-8.8 DIN 7991		4
4	Lock washer	90597	M16 NORD-LOCK		4
5	Lock nut	90548	M16-8 DIN 985		8
6	Cutting blade seat	112684			2
Kit	Pulverizing plate (incl. parts 7-8)	151005			1
7	Pulverizing plate (incl. parts 7.2-7.4)	150688			1
7.2	Hex. screw	902970	M24x150-8.8 ISO 4017		2
7.3	Lock washer	91038	M24 NORD-LOCK		4
7.4	Hex. nut	91030	M24-8 ISO 4032		2
8	Pulverizing plate (incl. parts 7.2-7.4)	150696			1

9. WEAR ITEMS RD 15 DEMOLITION WITH WOOD CUTTER



Item	Description	Part no.	Specification	Note	Qty
1	Cutting blade	111909			2
2	Shim plate	111910			2
3	Hex. socket screw	903151	M16x90-8.8 DIN 7991		4
4	Lock washer	90597	M16 NORD-LOCK		4
5	Lock nut	90548	M16-8 DIN 985		8
6	Cutting blade seat	112684			2
7	Wood cutting tooth (incl. parts 7.2-7.4)	150626			2
7.2	Hex. screw	950169	M24x130-8.8 ISO 4017		2
7.3	Lock washer	91038	M24 NORD-LOCK		4
7.4	Hex. nut	91030	M24-8 ISO 4032		2

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