



## **HYDRAULIC HAMMER**

### **RAMMER 211**

**STD**

**PIN**

**FLANGE**

**Serial No.**

**11181106-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 an easy operation, maintenance and repair of the product. Please note that warranty claims will be handled only if you have used genuine Rammer parts.

### LOCATION OF THE SERIAL NUMBER

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

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### SPARE PART ORDERS

Quick spare part deliveries are ensured by exact orders.

#### Required information:

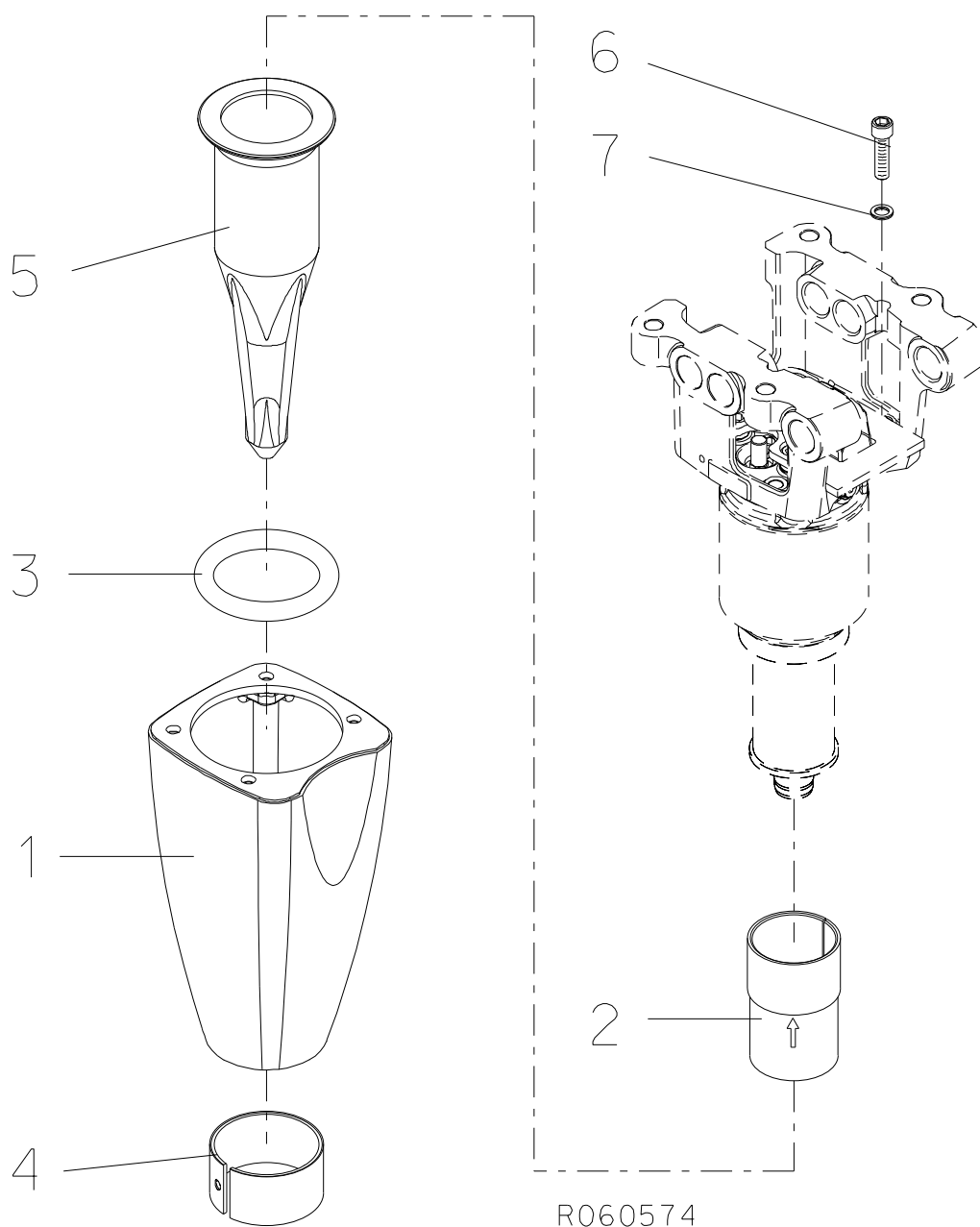
- Name of customer and contact person
  - Order number (when available)
  - Delivery address
  - Mode of delivery (air mail, etc.)
  - Required delivery date
  - Invoicing address
  - Model and serial number of the product
  - Name, number and required amount of spare parts
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#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

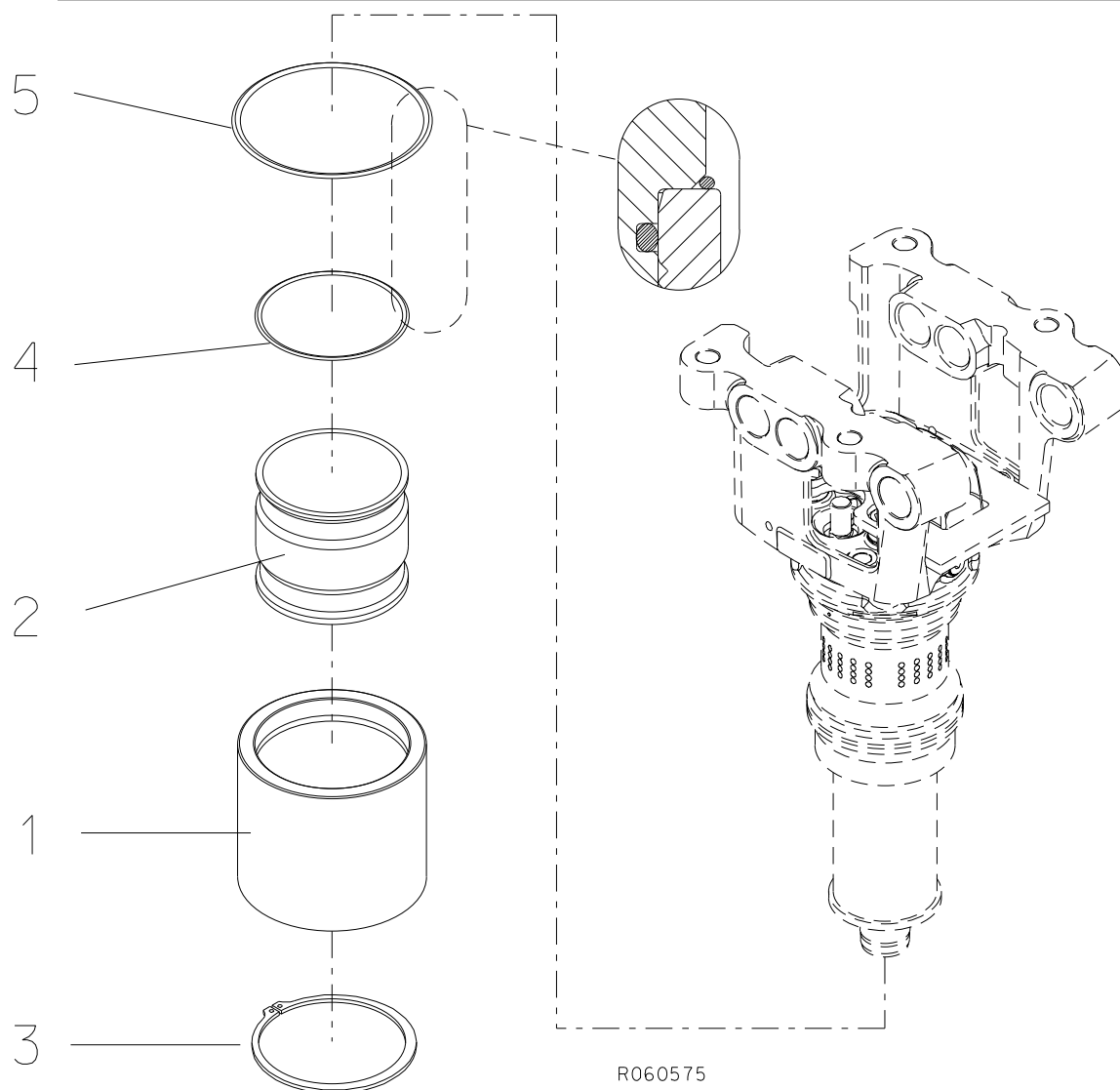
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## 1. HOUSING UNIT



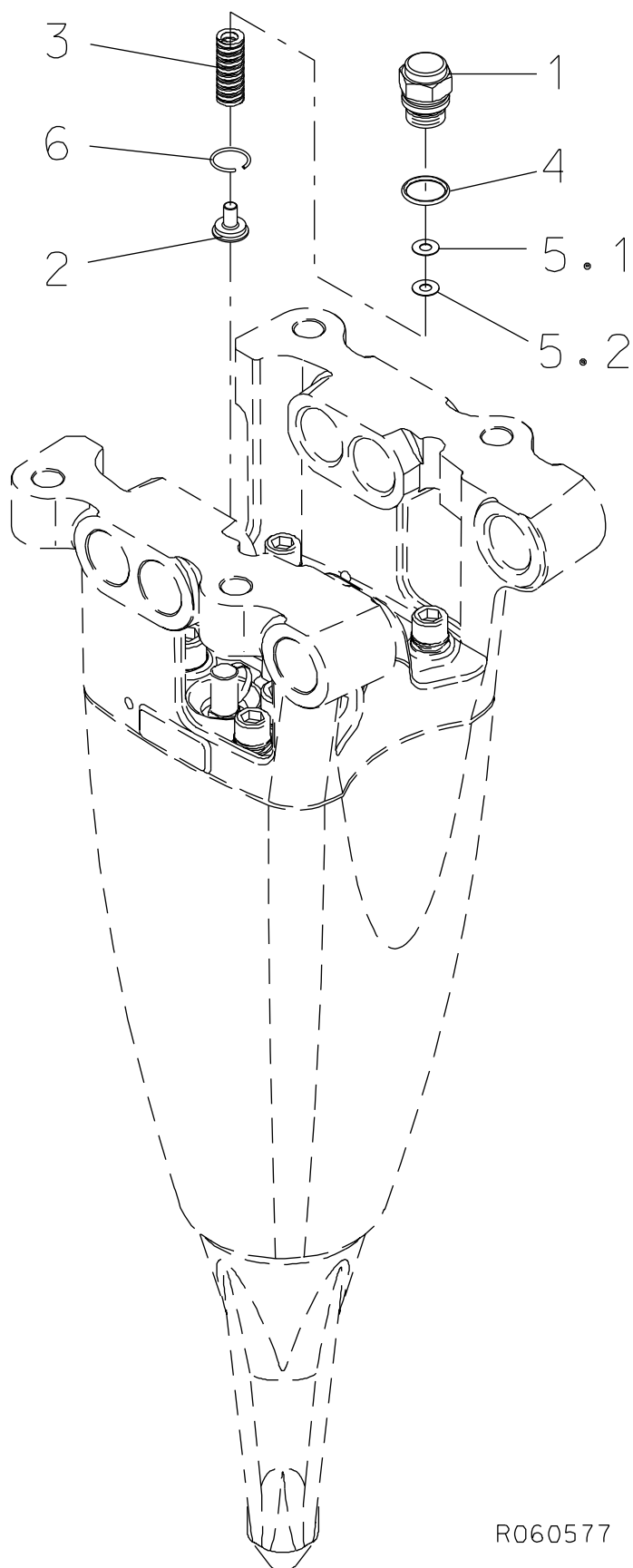
| Item | Description                 | Part no. | Specification       | Note | Qty |
|------|-----------------------------|----------|---------------------|------|-----|
| 1    | Housing                     | 155003   |                     |      | 1   |
| 2    | Lower tool bushing          | 113072   |                     |      | 1   |
| 3    | Tool retaining ring         | 113077   |                     |      | 1   |
| 4    | Guide ring                  | 157142   |                     |      | 1   |
| 5    | Pyramid tool                | N93S1    |                     |      | 1   |
| 6    | Hex. socket screw           | 91006    | M16x60-8.8 ISO 4762 |      | 4   |
| 7    | Lock washer                 | 90597    | M16 NORD-LOCK       |      | 4   |
| 10   | Label set (incl. part 10.1) | 170451   |                     |      | 1   |
| 10.1 | Safety label set            | 169400   | English             |      | 1   |

## 2. ACCUMULATOR



| Item                        | Description       | Part no. | Specification | Note | Qty |
|-----------------------------|-------------------|----------|---------------|------|-----|
| 1                           | Accumulator cover | 157147   |               |      | 1   |
| 2                           | Membrane          | 113062   |               |      | 1   |
| 3                           | Retaining ring    | 950060   | 140x4 DIN 471 |      | 1   |
| 4                           | O-ring            | 952116   | D129          | *    | 1   |
| 5                           | O-ring            | 94136    | D150          | *    | 1   |
| *) Are included in seal set |                   |          |               |      |     |

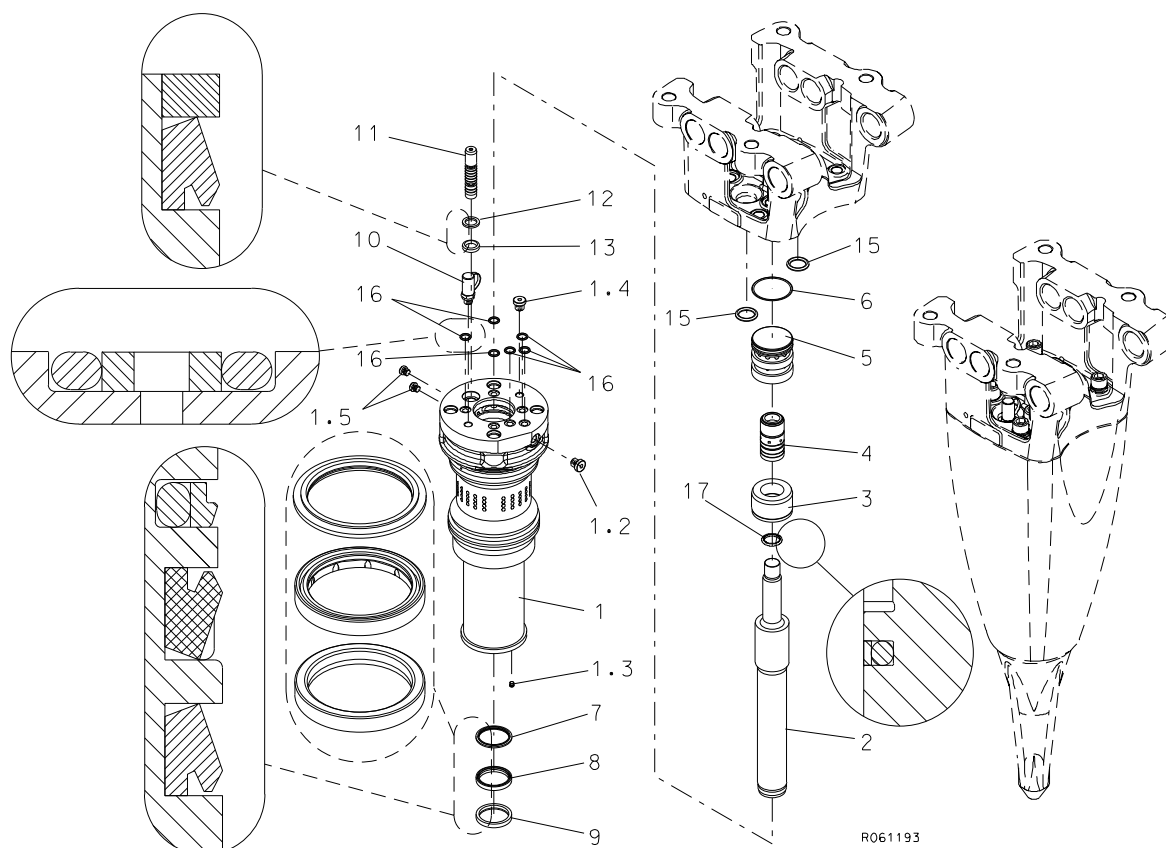
### 3. PRESSURE ADJUSTING VALVE



R060577

| Item | Description                 | Part no. | Specification   | Note | Qty |
|------|-----------------------------|----------|-----------------|------|-----|
| 1    | Spring housing              | 113091   |                 |      | 1   |
| 2    | Spring guide                | 113006   |                 |      | 1   |
| 3    | Spring                      | 90114    | 9-1208-26 DANLY |      | 1   |
| 4    | O-ring                      | 90015    | D26             | *    | 1   |
| 5.1  | Shim plate                  | 41639    | S=0.5           |      | x   |
| 5.2  | Shim plate                  | 41640    | S=1             |      | x   |
| 6    | Spring ring                 | 902988   | B25 DIN 7993    |      | 1   |
|      |                             |          |                 |      |     |
|      | *) Are included in seal set |          |                 |      |     |

## 4. BODY PARTS

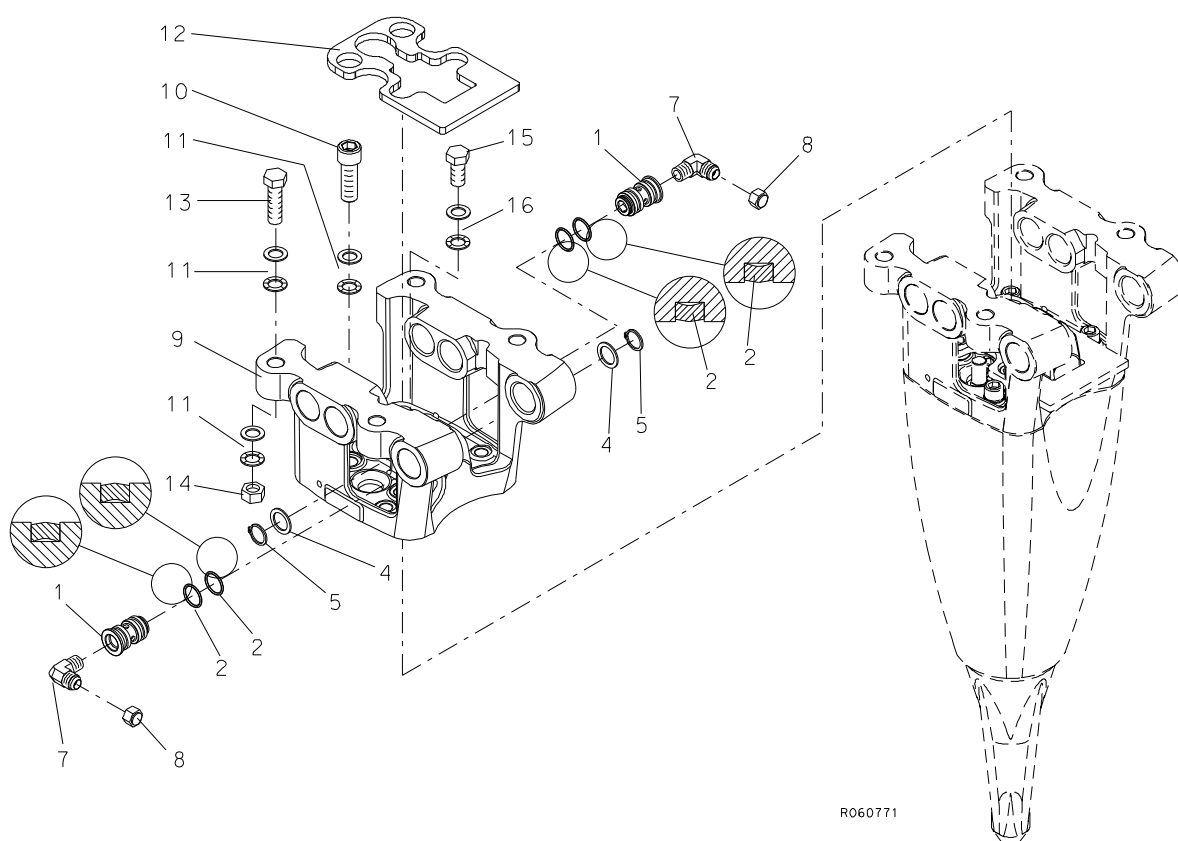


| Item | Description                    | Part no. | Specification | Note | Qty |
|------|--------------------------------|----------|---------------|------|-----|
| 1    | Cylinder (incl. parts 1.2-1.5) | 154763   |               |      | 1   |
| 1.2  | Flange plug                    | 90403    | R1/4          |      | 1   |
| 1.3  | Plug                           | 915028   |               |      | 1   |
| 1.4  | Flange plug                    | 41658    | R1/4          |      | 1   |
| 1.5  | Flange plug                    | 93203    | R1/8          |      | 2   |
| 2    | Piston                         | 154805   |               |      | 1   |
| 3    | Steering ring                  | 171308   |               |      | 1   |
| 4    | Distributor                    | 113032   |               |      | 1   |
| 5    | Slide ring                     | 113022   |               |      | 1   |
| 6    | O-ring                         | 90038    | D57           | *    | 1   |
| 7    | Seal                           | 952244   |               | *    | 1   |
| 8    | Seal                           | 952220   |               | *    | 1   |
| 9    | Seal                           | 952247   |               | *    | 1   |
| 10   | Accumulator filling valve      | 903408   |               |      | 1   |



| Item | Description                 | Part no. | Specification | Note | Qty |
|------|-----------------------------|----------|---------------|------|-----|
| 11   | Spool                       | 154804   |               |      | 1   |
| 12   | Washer                      | 157117   |               |      | 1   |
| 13   | Seal                        | 951479   | D18           | *    | 1   |
| 15   | O-ring                      | 90017    | D34           | *    | 2   |
| 16   | Seal                        | 161399   | D12           | *    | 6   |
| 17   | Seal                        | 954044   | D28           | *    | 1   |
|      |                             |          |               |      |     |
|      | *) Are included in seal set |          |               |      |     |

## 5. MOUNTING

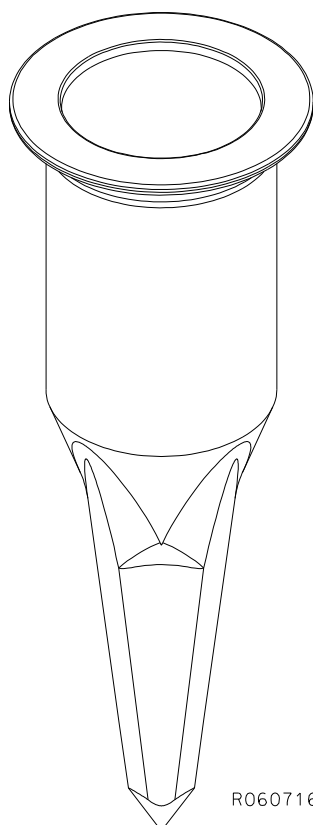


| Item | Description                 | Part no. | Specification       | Note | Qty |
|------|-----------------------------|----------|---------------------|------|-----|
| 1    | Manifold                    | 113056   |                     |      | 2   |
| 2    | Seal                        | 952536   |                     | *    | 4   |
| 4    | Support plate               | 903395   | SS25x36x2.0 DIN 988 | *    | 2   |
| 5    | Retaining ring              | 950188   | 25x2 DIN 471        | *    | 2   |
| 7    | Elbow                       | 951333   |                     |      | 2   |
| 8    | Cap                         | 915030   |                     |      | 2   |
| 9    | Mounting bracket            | 156817   |                     |      | 1   |
| 10   | Hex. socket screw           | 91064    | M20x60-8.8 ISO 4762 |      | 4   |
| 11   | Lock washer                 | 91010    | M20 NORD-LOCK       |      | 12  |
| 12   | Rubber plate                | 157183   |                     |      | 1   |
| 13   | Hex. screw                  | 91027    | M20x70-8.8 ISO 4014 |      | 4   |
| 14   | Hex. nut                    | 91017    | M20-8 ISO 4032      |      | 4   |
| 15   | Hex. screw                  | 950329   | M10x12-8.8 ISO 4017 |      | 1   |
| 16   | Lock washer                 | 91037    | M10 NORD-LOCK       |      | 1   |
|      | *) Are included in seal set |          |                     |      |     |

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**6. TOOL**

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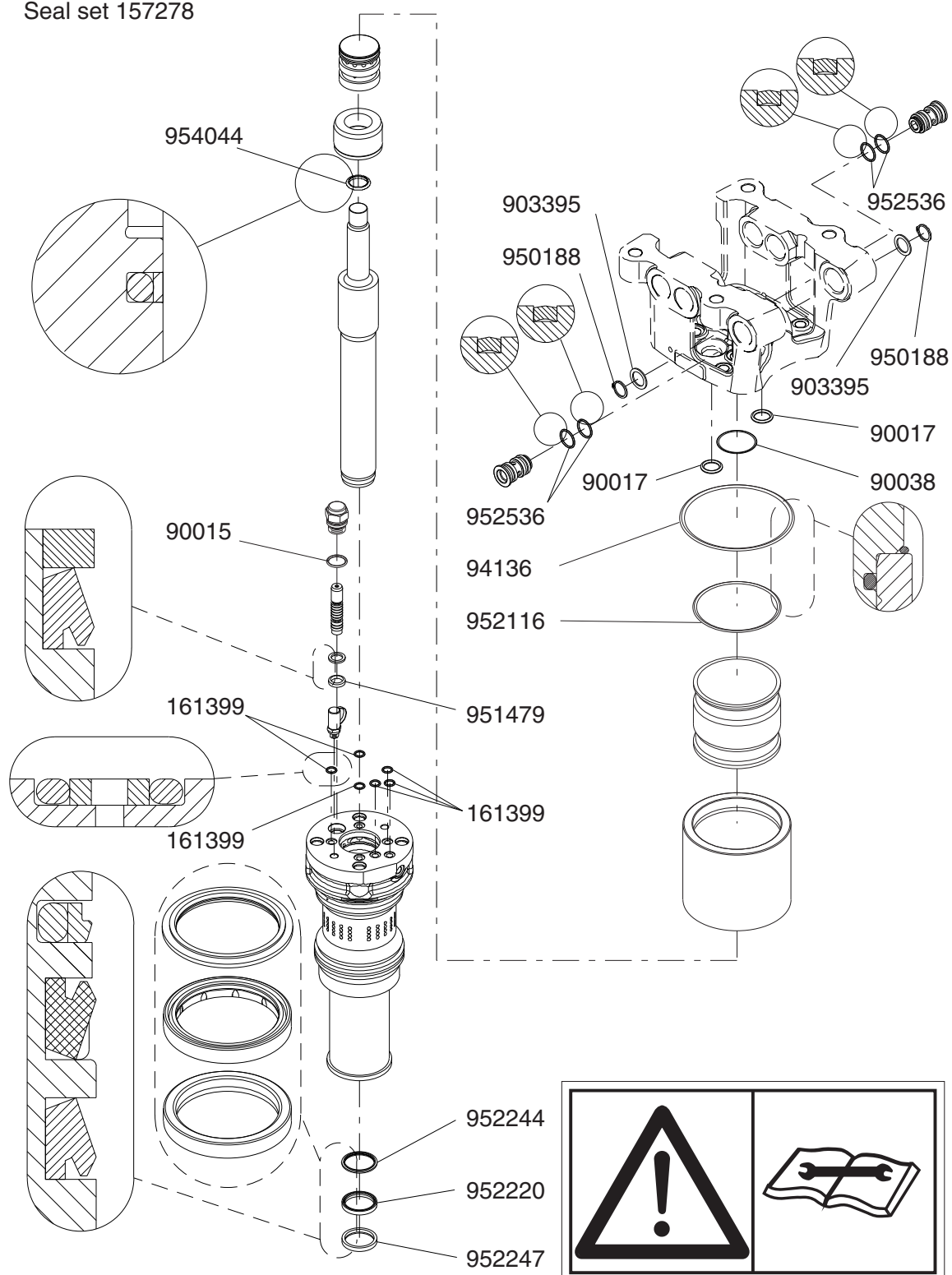


R060716

| Item | Description | Part no. | Specification                      | Note | Qty |
|------|-------------|----------|------------------------------------|------|-----|
| 1    | Pyramid     | N93S1    | L = 470 mm, W = 13.4 kg D = 119 mm |      | 1   |

## 7. SEAL SET

Seal set 157278

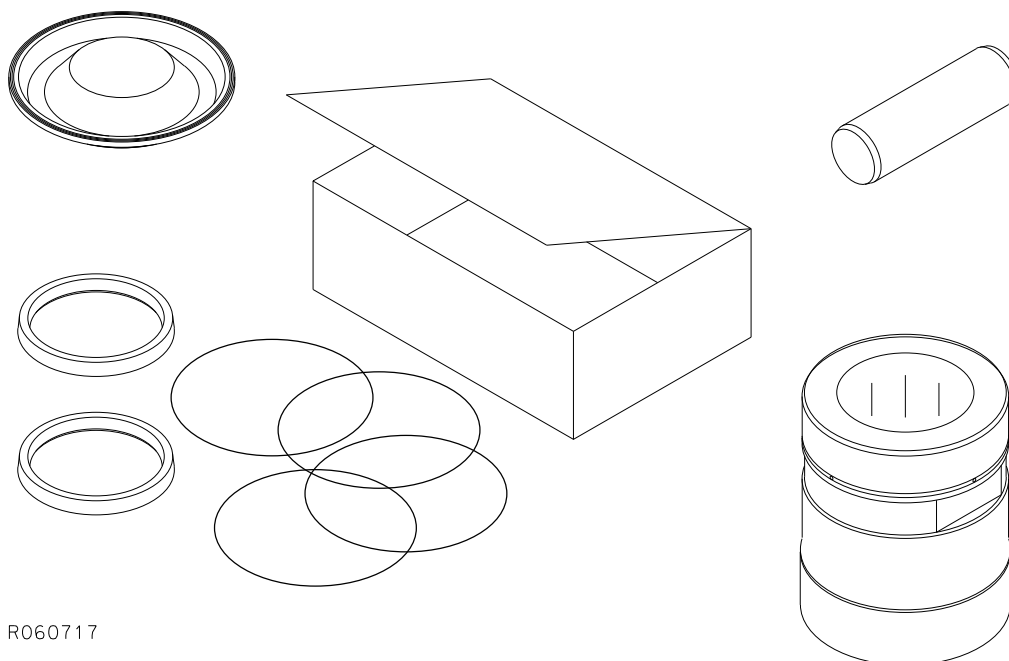


This summary only indicates the position of the seals. It must NOT be used as assembly instruction. Read the service manual. Notice! Assembly must be performed by qualified service personnel only.

R061194

| Item | Description           | Part no. | Specification       | Note | Qty |
|------|-----------------------|----------|---------------------|------|-----|
| Kit  | Seal set (Incl. 1-14) | 157278   |                     |      | 1   |
| 1    | O-ring                | 952116   | D129                |      | 1   |
| 2    | O-ring                | 90015    | D26                 |      | 1   |
| 3    | Seal                  | 952536   |                     |      | 4   |
| 4    | O-ring                | 90038    | D57                 |      | 1   |
| 5    | Seal                  | 952244   |                     |      | 1   |
| 6    | Seal                  | 952220   |                     |      | 1   |
| 7    | Seal                  | 951479   | D18                 |      | 1   |
| 8    | Seal                  | 161399   | D12                 |      | 6   |
| 9    | O-ring                | 94136    | D150                |      | 1   |
| 10   | O-ring                | 90017    | D34                 |      | 2   |
| 11   | Support plate         | 903395   | SS25x36x2.0 DIN 988 |      | 2   |
| 12   | Retaining ring        | 950188   | 25x2 DIN 471        |      | 2   |
| 13   | Seal                  | 952247   |                     |      | 1   |
| 14   | Seal                  | 954044   | D28                 |      | 1   |

## 8. SERVICE KIT

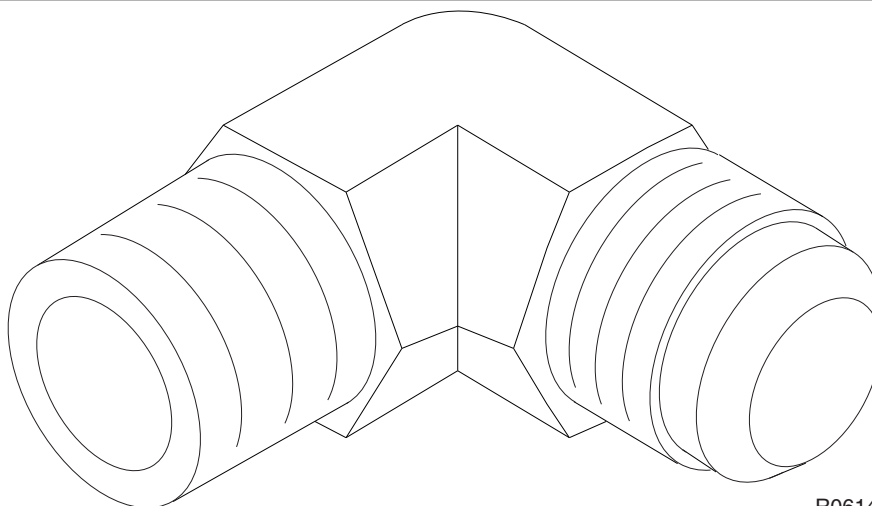


| Item | Description                     | Part no. | Specification | Note | Qty |
|------|---------------------------------|----------|---------------|------|-----|
| Kit  | Service kit (incl. parts 1 - 5) | K11N11   |               |      | 1   |
| 1    | Lower tool bushing              | 113072   |               |      | 1   |
| 2    | Tool retaining ring             | 113077   |               |      | 1   |
| 3    | Guide ring                      | 157142   |               |      | 1   |
| 4    | Membrane                        | 113062   |               |      | 1   |
| 5    | Seal set (Incl. 1-14)           | 157278   |               |      | 1   |

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## 9. ADAPTER

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R061411

| Item | Description | Part no. | Specification              | Note | Qty |
|------|-------------|----------|----------------------------|------|-----|
| 1    | Adapter     | 951333   | SAE J514 37 (JIC) -10 MALE |      | 2   |







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