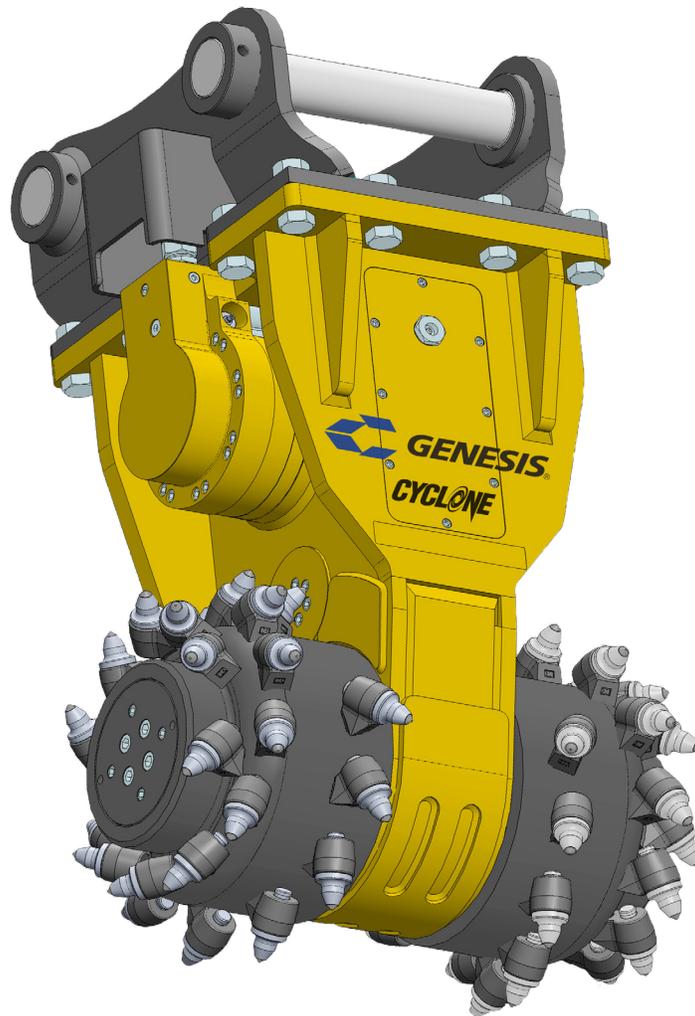


# Cyclone 50 (GCG 50)

## PARTS MANUAL



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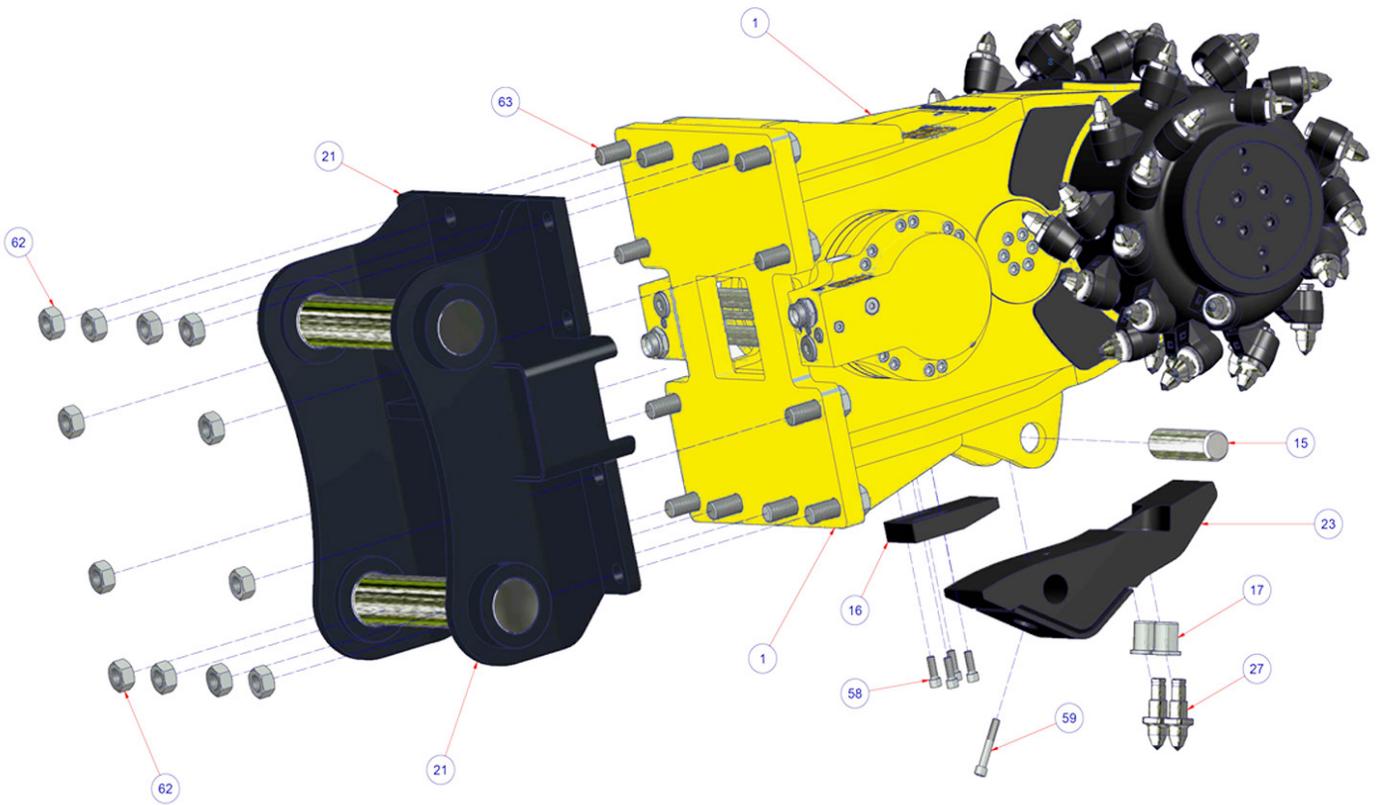
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# HOUSING AND RIPPER BAR



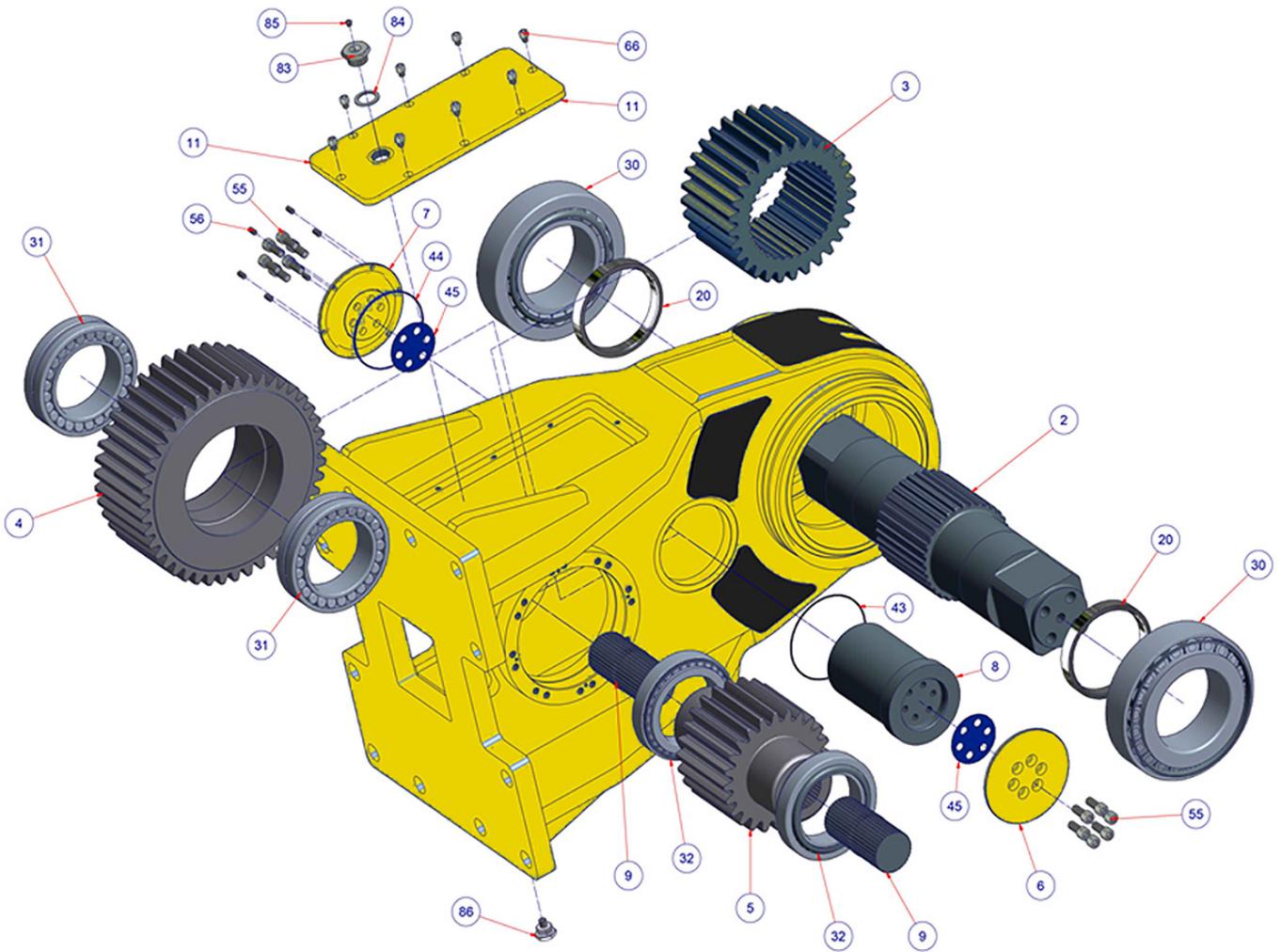
## HOUSING AND RIPPER BAR

| ITEM | QTY | PART NUMBER | DESCRIPTION                             |
|------|-----|-------------|---|
| 1    | 1   | 41RW-1769   | Housing                                 |
| 15   | 1   | 41RW-1780   | Ripper Bar Retaining Pin - optional     |
| 16   | 1   | 41RW-1792   | Ripper Bar Retaining Wedge - optional   |
| 17   | 2   | 41RW-1955   | Pick Box Bush - optional                |
| 21   | 1   | 41RW-1818   | Adapter Bracket - optional              |
| 23   | 1   | 41RW-1796   | Ripper Bar Assembly - optional          |
| 27   | 2   | 41RW-1568   | Pick - optional                         |
| 58   | 4   | 41RWS-0055  | Bolt - optional - torque 269 Ft-Lb      |
| 59   | 1   | 41RWS-0230  | Bolt - optional - torque 269 Ft-Lb      |
| 62   | 12  | 41RWS-0228  | Nut M36 - optional - torque 1254 Ft-Lb  |
| 63   | 12  | 41RWS-0229  | Bolt M36 - optional - torque 1254 Ft-Lb |

The ripper bar is not part of the basic unit but available as an option.

The adapter bracket shown is illustrative only. The bracket required is dependent upon the excavator used.

# GEARBOX



## GEARBOX

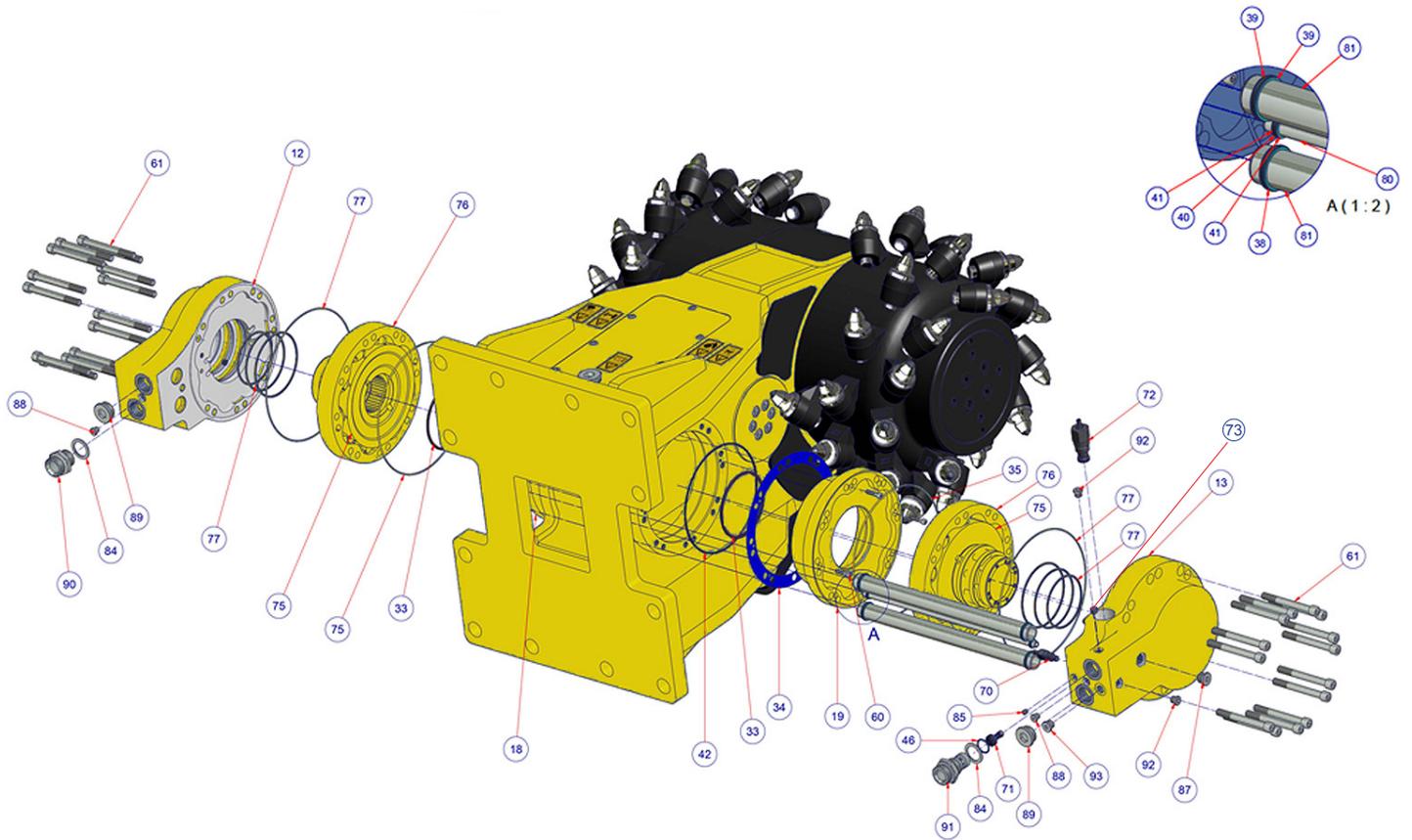
| ITEM | QTY         | PART NUMBER | DESCRIPTION                 |
|------|-------------|-------------|-----------------------------|
| 2    | 1           | 41RW-1771   | Square Drive Output Shaft   |
| 3    | 1           | 41RW-1803   | Drive Gear                  |
| 4    | 1           | 41RW-1396   | Idler Gear                  |
| 5    | 1           | 41RW-1404   | Pinion Gear                 |
| 6    | 1           | 41RW-1398   | Idler Shaft Retaining Plate |
| 7    | 1           | 41RW-1399   | Idler Shaft Retaining Plate |
| 8    | 1           | 41RW-1397   | Idler Shaft                 |
| 9    | 2           | 41RW-1416   | Connecting Shaft            |
| 11   | 1           | 41RW-1772   | Gearbox Cover Plate*        |
| 20   | 2           | 41RW-1805   | Drive Shaft Spacer          |
| 30   | 2           | 41RW-0473   | Bearing                     |
| 31   | 2           | 41RW-0471   | Bearing                     |
| 32   | 2           | 41RW-0460   | Bearing                     |
| 43   | 1           | 41RWS-0025  | O-Ring                      |
| 44   | 1           | 41RWS-0199  | O-Ring                      |
| 45   | as required | 41RW-1791   | Idler Shaft Shims**         |
| 55   | 12          | 41RWS-0033  | Bolt - torque 269 Ft-Lb     |
| 56   | 6           | 41RWS-0157  | Bolt***                     |
| 66   | 8           | 41RWS-0127  | Bolt - torque 62 Ft-Lb      |
| 83   | 1           | 41RW-0527   | Breather Mounting Plug      |
| 84   | 1           | 41RWH-0044  | Sealed Washer               |
| 85   | 1           | 41RW-0862   | Breather                    |
| 86   | 1           | 41RW-0803   | Magnetic Plug               |

\* Seal with silicone glue

\*\* blue 0.05mm, white 0.25mm

\*\*\* Use glue for assembly

# MOTOR AND HYDRAULIC ASSEMBLY



## MOTOR AND HYDRAULIC ASSEMBLY

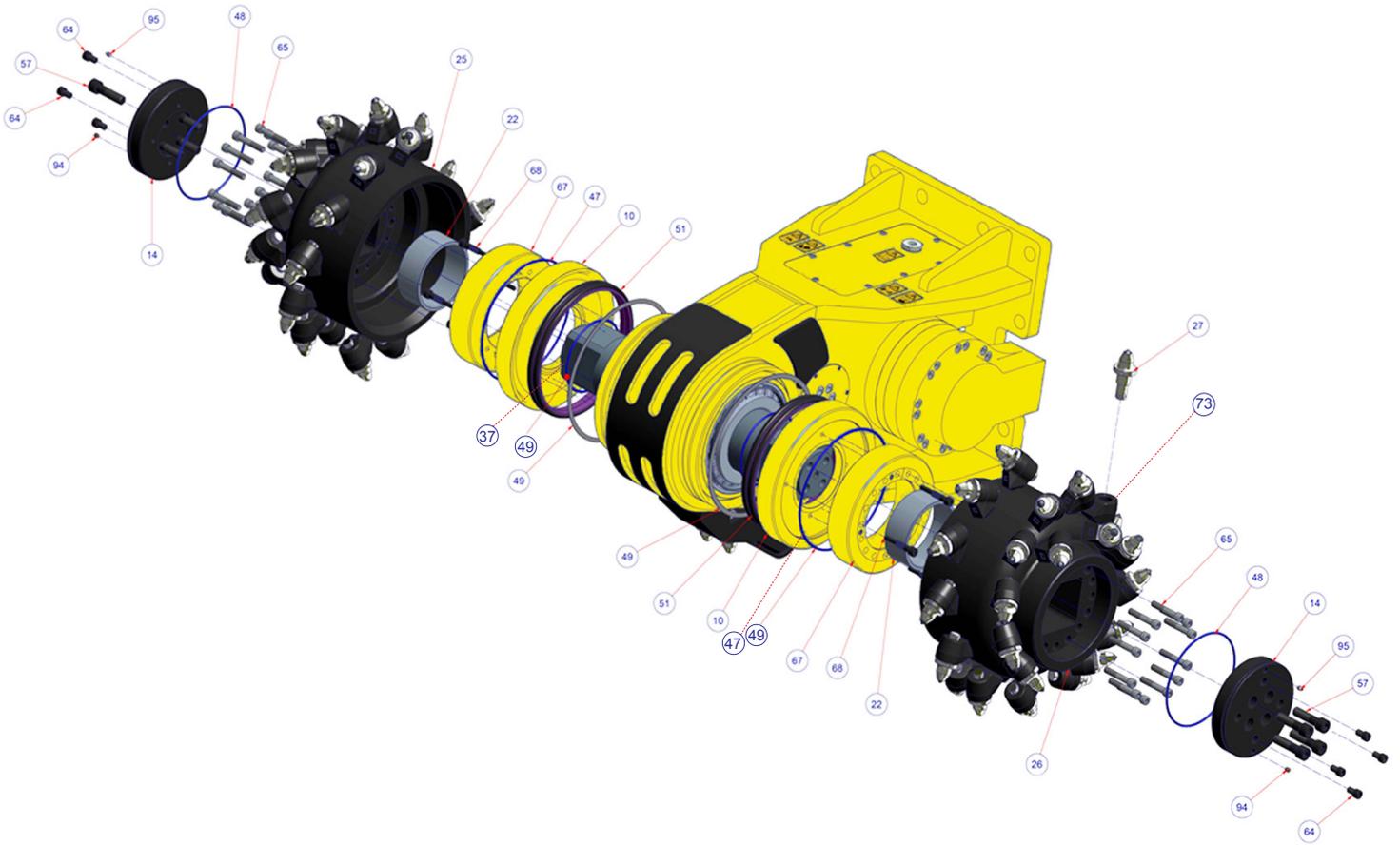
| ITEM | QTY         | PART NUMBER | DESCRIPTION                            |
|------|-------------|-------------|--|
| 12   | 1           | 41RW-1782   | Motor Valve Housing                    |
| 13   | 1           | 41RW-1774   | Motor Valve Housing                    |
| 18   | 1           | 41RW-1784   | Motor Spacer                           |
| 19   | 1           | 41RW-1785   | Motor Spacer                           |
| 33   | 2           | 41RW-0411   | Sealing                                |
| 34   | as required | 41RW-1409   | Pinion Shaft Shim*                     |
| 35   | 5           | 41RWS-0032  | O-Ring**                               |
| 38   | 4           | 41RWS-0151  | Quad-Ring                              |
| 39   | 8           | 41RWS-0195  | Back-Up Ring                           |
| 40   | 2           | 41RWS-0196  | Quad-Ring                              |
| 41   | 4           | 41RWH-0064  | Back-Up Ring                           |
| 42   | 1           | 41RWS-0197  | O-Ring                                 |
| 46   | 1           | 41RWS-0227  | O-Ring                                 |
| 60   | 8           | 41RWS-0213  | Bolt - torque 31.7 Ft-Lb               |
| 61   | 28          | 41RWS-0049  | Bolt*** - torque 269 Ft-Lb             |
| 70   | 1           | 41RW-0753   | Valve - torque 18.4 Ft-Lb              |
| 71   | 1           | 41RW-0749   | Valve                                  |
| 72   | 1           | 41RW-1783   | Valve - torque 73.8 Ft-Lb              |
| 73   | 1           | 41RW-1807   | Valve                                  |
| 75   | 2           | 41RWA-146   | Motor                                  |
| 76   | 2           | 41RW-0872   | Cam Ring                               |
| 77   | 2           | 41RW-1101   | Valving Seal                           |
| 80   | 1           | 41RW-1813   | Steel Tube                             |
| 81   | 2           | 41RW-1814   | Steel Tube                             |
| 84   | 2           | 41RWH-0044  | Sealed Washer                          |
| 85   | 1           | 41RW-0862   | Breather                               |
| 87   | 1           | 41RWH-0063  | Socket Headed Plug - torque 81 Ft-Lb   |
| 88   | 2           | 41RWH-0005  | Socket Headed Plug - torque 13.3 Ft-Lb |
| 89   | 2           | 41RWH-0065  | Socket Headed Plug - torque 177 Ft-Lb  |
| 90   | 1           | 41RWH-0066  | Fitting - torque 369 Ft-Lb             |
| 91   | 1           | 41RWH-1806  | Fitting - torque 369 Ft-Lb             |
| 92   | 2           | 41RHW-0006  | Socket Headed Plug - torque 29.5 Ft-Lb |
| 93   | 1           | 41RWH-0015  | Socket Headed Plug - torque 55.3 Ft-Lb |

\* blue 0.05mm, white 0.25mm

\*\* 2x 41RWS-0032 in motor seal kit

\*\*\* Use glue

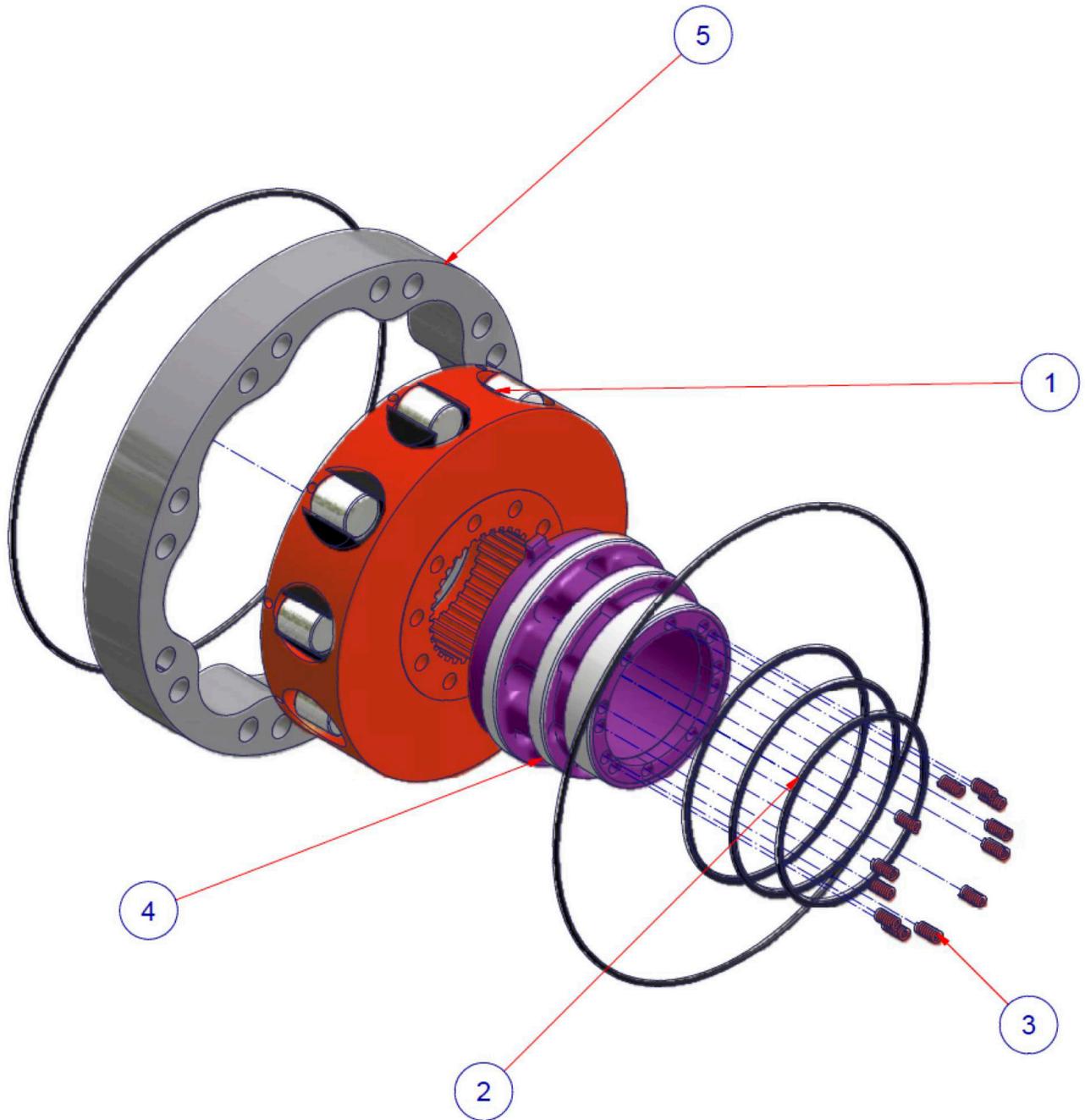
# DRUM AND BEARING ASSEMBLY



## DRUM AND BEARING ASSEMBLY

| ITEM | QTY | PART NUMBER | DESCRIPTION                        |
|------|-----|-------------|------------------------------------|
| 10   | 2   | 41RW-1770   | Seal Carrier                       |
| 14   | 2   | 41RW-1778   | Cutting Head Retaining Plate       |
| 22   | 2   | 41RW-1953   | Locking Ring                       |
| 25   | 1   | 41RW-1787   | RH Drum                            |
| 26   | 1   | 41RW-1790   | LH Drum                            |
| 27   | 56  | 41RW-1568   | Pick                               |
| 28   | 56  | 41RW-0860   | Pick Box                           |
| 37   | 2   | 41RWS-0194  | O-Ring                             |
| 47   | 2   | 41RWS-0225  | O-Ring                             |
| 48   | 2   | 41RWS-0226  | O-Ring                             |
| 49   | 4   | 41RW-1952   | Protection Ring                    |
| 51   | 2   | 41RW-0651   | Face Seal                          |
| 57   | 8   | 41RWS-0054  | Bolt - torque 885 Ft-Lb            |
| 64   | 8   | 41RWS-0020  | Bolt - torque 269 Ft-Lb            |
| 65   | 24  | 41RWS-0171  | Bolt - torque 269 Ft-Lb            |
| 67   | 2   | 41RW-1951   | Shrink Disc                        |
| 68   | 8   | 41RW-1937   | Cone Clamp Bolt - torque 269 Ft-Lb |
| 73   | 1   | 41RW-1807   | Valve                              |
| 94   | 2   | 41RW-0862   | Breather                           |
| 95   | 2   | 41RW-0038   | Grease Nipple                      |

# SPARE PARTS MOTOR



## SPARE PARTS MOTOR

| ITEM | QTY* | PART NUMBER | DESCRIPTION    |
|------|------|-------------|----------------|
| 1    | 1    | 41RW-0419   | Cylinder Block |
| 2    | 1    | 41RW-1101   | Valving Seal   |
| 3    | 1    | 41RW-0422   | Spring Kit     |
| 4    | 1    | 41RW-0418   | Valving        |
| 5    | 1    | 41RW-0420   | Cam Ring       |

\* Quantity is per motor. The GCG 50 requires two motors.

# WARRANTY

## **Claim Procedure**

Notify the Genesis Service Department of the potential warranty claim prior to making the repair. Digital pictures are very helpful for diagnosing problems and recommending repairs.

Contact the Genesis Service Department before making alterations, changes or repairs to any component that is going to be considered for warranty. Not doing so will void all Genesis warranty consideration.

The Genesis Service Department will issue an authorization number to track the repair costs, outgoing parts, and/or defective parts returning to the factory.

Replacement parts must be ordered using a purchase order number. Shipping is standard ground. Overnight shipping is available by request, and Genesis will not cover the shipping charge.

When the repair is complete, submit an invoice to the Genesis Service Department within 30 days. Include itemized internal labor reporting, parts lists and invoices for outside contractors. Reference the authorization number on all invoices.

When returning parts for warranty consideration, include a copy of any related Genesis paperwork along with any other necessary documentation to ensure proper processing and credit. The Genesis Service Department will provide the necessary forms.

Your account will be credited when the warranty claim is accepted.

**Please direct any questions to the Genesis Service Department: 715-395-5252**

# PARTS ORDER POLICY AND PROCEDURE

## **Parts Orders Should Include**

- Purchase order number
- Model and serial number of attachment
- Part number and quantity needed
- Shipping and billing address
- Method of shipment or required delivery date

## **Placing Orders**

Orders may be placed by phone, e-mail or fax. To fax an order, use the form on the following page. Contact information is located at the front of this manual.

## **Part Numbers**

Part numbers are listed in a separate Parts Manual or, if included, the Parts section of this manual. Contact the Genesis Parts Department with questions regarding part numbers, availability and pricing.

## **Shipping**

All orders will be shipped best way surface unless an alternate shipping method is requested. Shipping charges are not included in the purchase price of parts.

## **Invoices**

All invoices are due upon receipt. Any accounts with invoices open beyond 60 days are subject to review and may be placed on C.O.D. status without further notice.

## **Returns**

Unused Genesis parts may be returned with proper documentation. Return shipping is the responsibility of the purchaser. Credit will be issued upon return, less a 20% restocking fee. Documentation is required for credit of returned parts. Contact the Genesis Parts Department at 715-395-5252 for a RGA (Return Goods Authorization) number and form.

## **Return Goods Authorization**

All parts returned to Genesis for warranty consideration must be returned with a completed RGA (Return Goods Authorization) provided by the Genesis Parts Department. The form needs to be completed in its entirety, including any additional information requested by the Parts or Service Department. Return freight is the responsibility of the shipper and will be credited upon claim approval. A determination to accept or deny the claim will be made based on the information available to Genesis. Warranty on purchased parts other than wear components is 6 months. There is no warranty period on wear parts or components.



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| 41RW-0651 Face Seal                    | 11       | 41RWS-0033 Bolt                  | 7      |
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