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# Parts Catalog

## RotaQuake 630

Model No. 46454—Serial No. 321000001 and Up



# Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

## Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

## Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

## Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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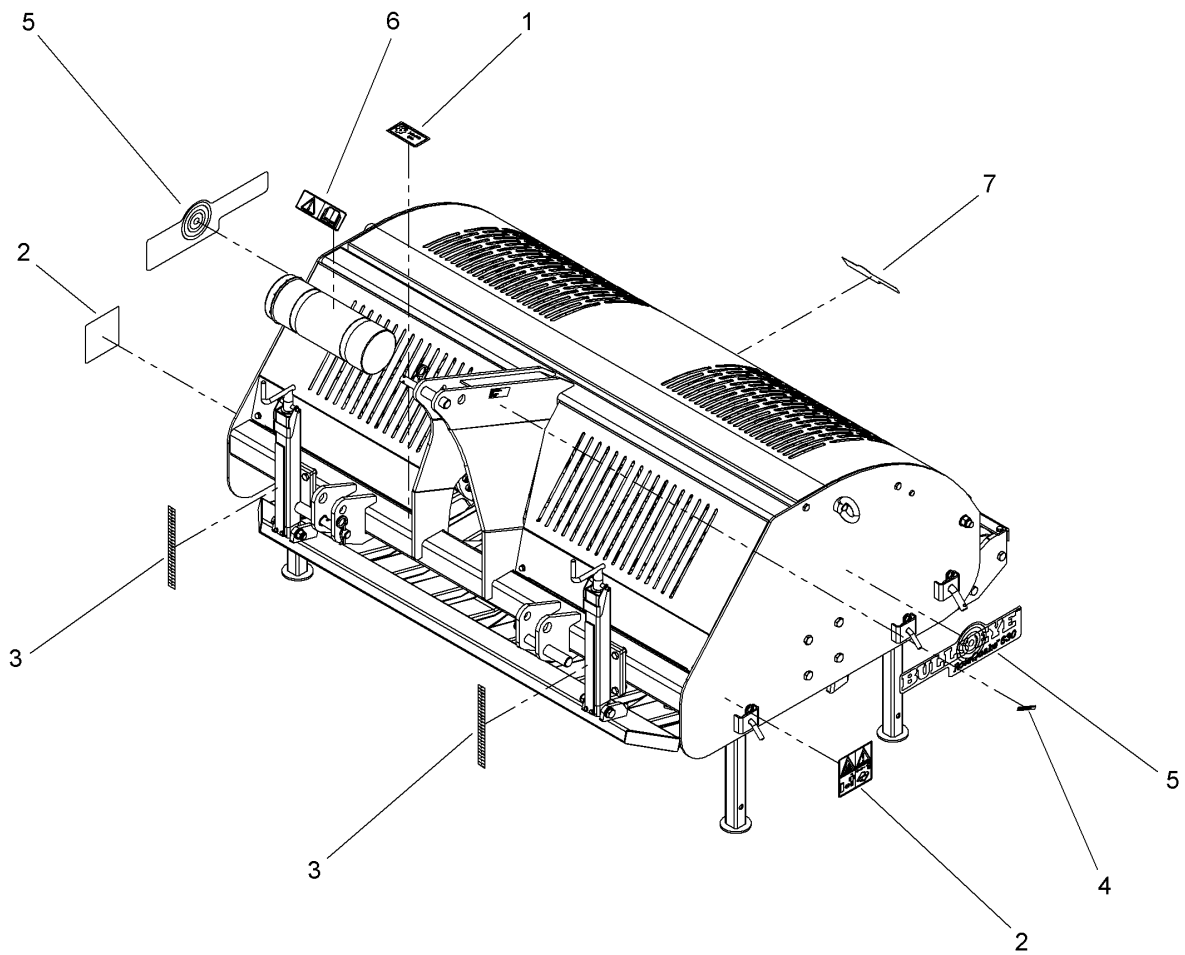
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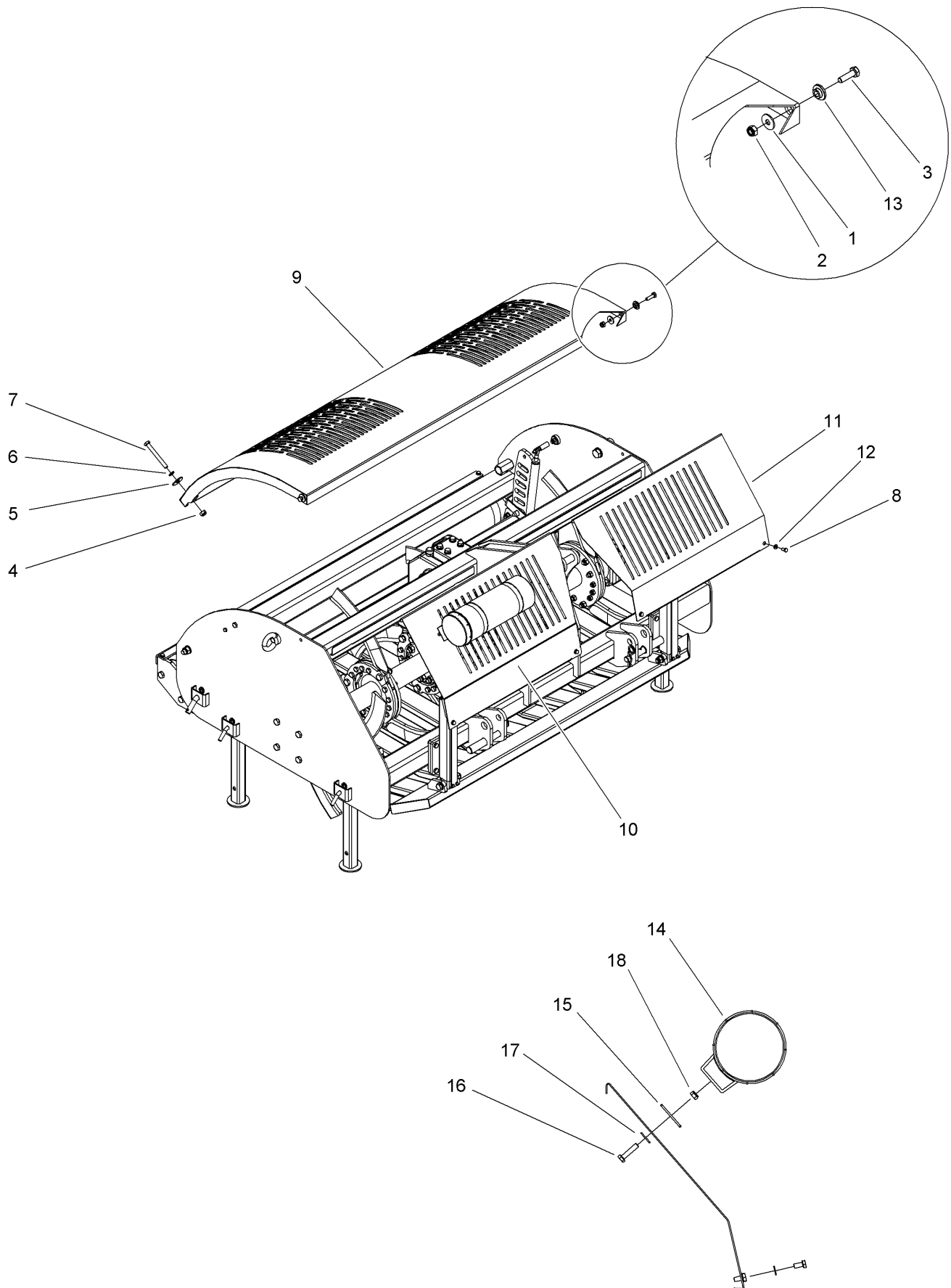
# Decal Assembly



## Decal Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|---------------------|
| 1           | 144-8256           | 1           | Decal PTO 350 540  | 5           | 136-3673           | 2           | Decal-Rotaquake 630 |
| 2           | 144-8257           | 2           | Decal-Safety Vs    | 6           | 105-0698           | 1           | Decal-Caution       |
| 3           | 144-8258           | 2           | Decal-Ruler        | 7           | 136-3674           | 1           | Decal-Rotaquake 630 |
| 4           | 133-8061           | 1           | Decal-Warning      |             |                    |             |                     |

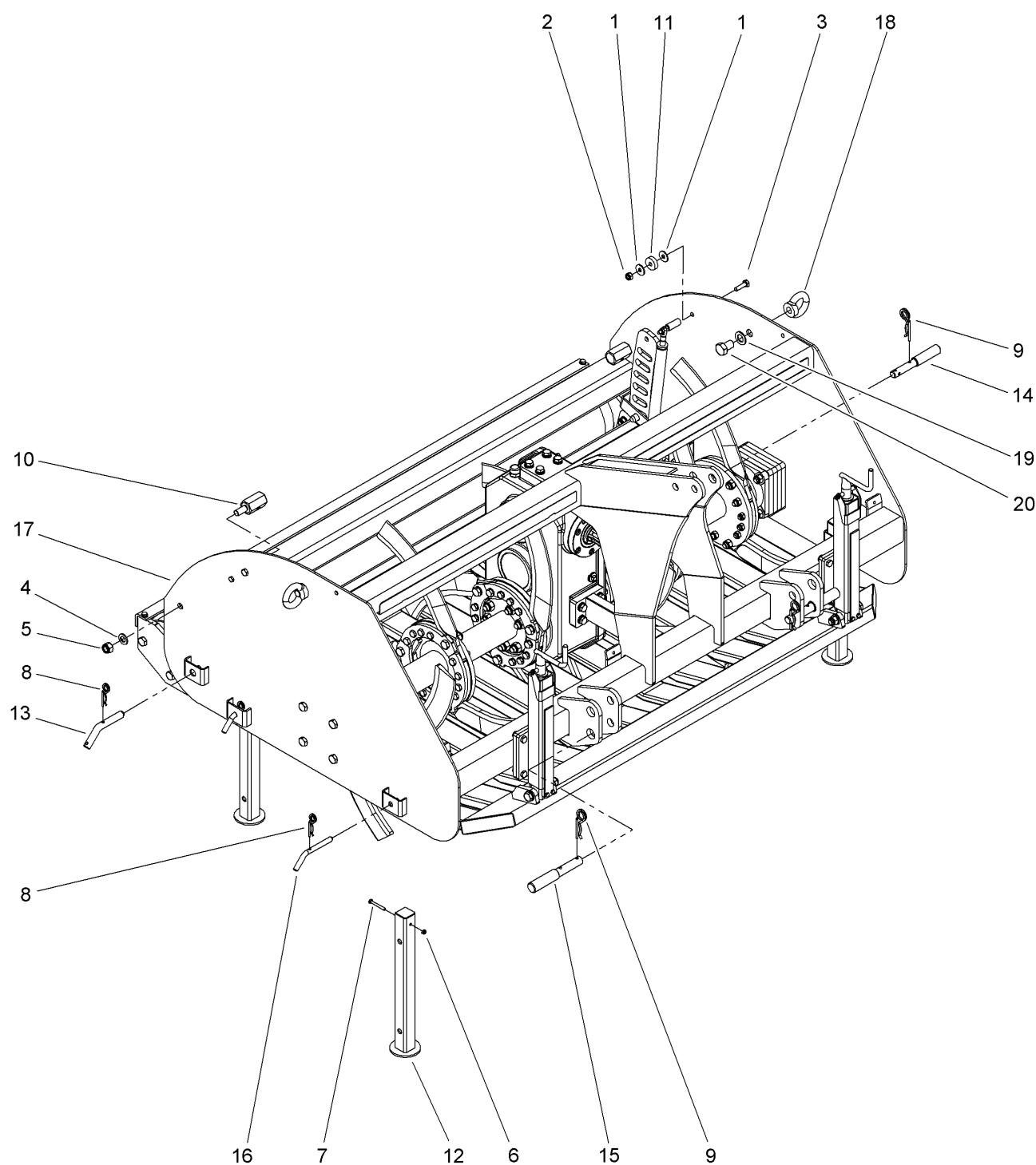
# Covers Assembly



## Covers Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>           |
|-------------|--------------------|-------------|-----------------------------|-------------|--------------------|-------------|------------------------------|
| 1           | 144-7946           | 2           | Large Washer M10 - Din 9021 | 10          | 144-7804           | 1           | Front Cover Right            |
| 2           | 144-7717           | 2           | Nut, Self Locking - M 10    | 11          | 144-7805           | 1           | Front Cover Left             |
| 3           | 144-7947           | 2           | Bolt M10 X 35 - ISO 4017    | 12          | 144-8260           | 4           | Washer                       |
| 4           | 144-7705           | 2           | Nut, Self Locking - M 12    | 13          | 144-8261           | 2           | Pivot Bushing                |
| 5           | 144-8169           | 2           | Large Washer M14 - Din 9021 | 14          | 144-8128           | 1           | Toolbox Complete             |
| 6           | 144-7954           | 2           | Spring Washer M12 - Din 127 | 15          | 144-8129           | 2           | Toolbox Contraplate          |
| 7           | 144-8259           | 2           | Bolt M12 X 110 - ISO 4017   | 16          | 144-8130           | 2           | Bolt M8 X 35 - ISO 4017      |
| 8           | 144-7931           | 4           | Bolt M8 X 16 - ISO 4017     | 17          | 144-8013           | 2           | Washer-Large M8 - Din 9021   |
| 9           | 144-7806           | 1           | Cover Rq630                 | 18          | 144-7944           | 2           | Self Lock Nut M8 - ISO 10511 |

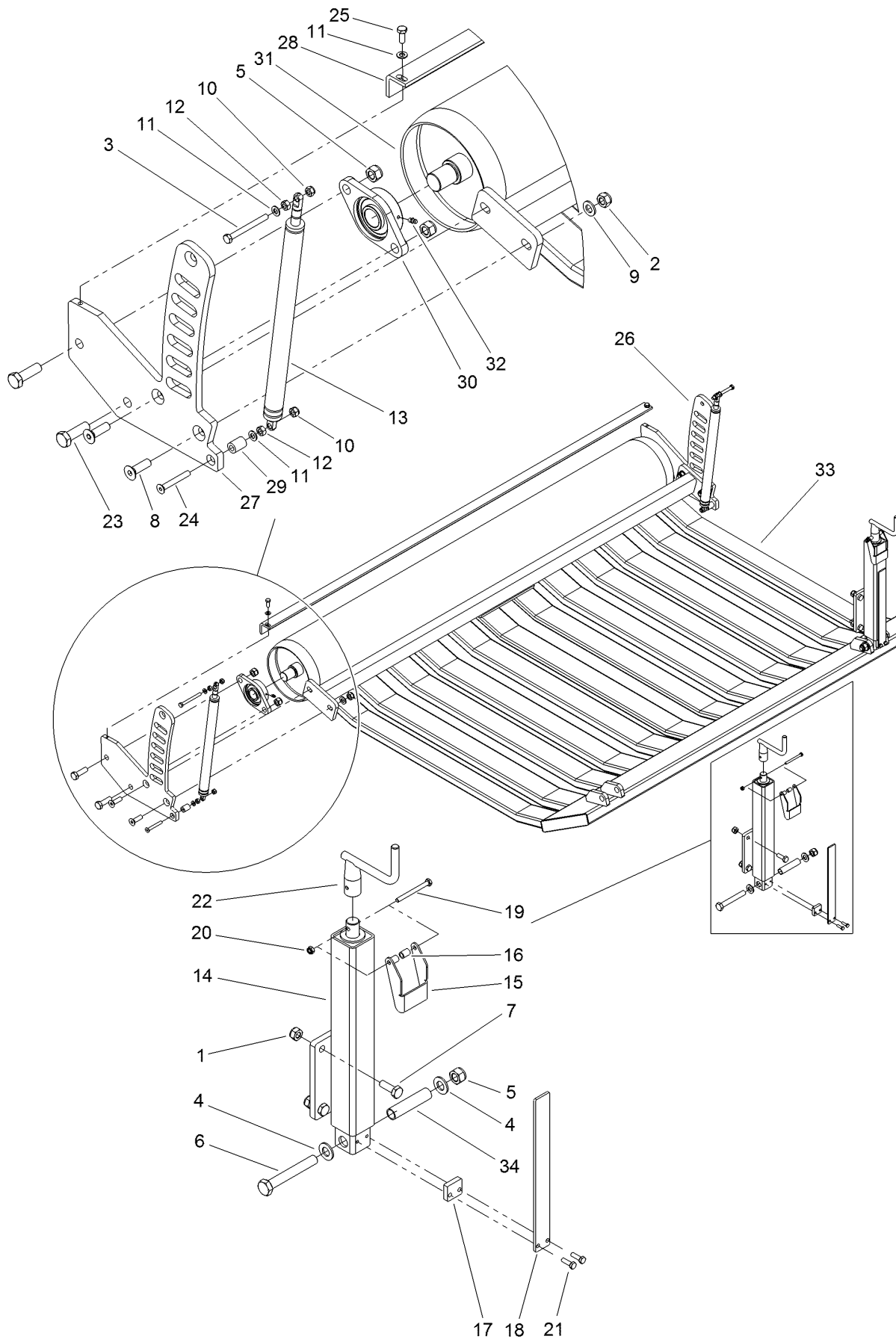
# Frame Assembly



## Frame Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                  | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>             |
|-------------|--------------------|-------------|-------------------------------------|-------------|--------------------|-------------|--------------------------------|
| 1           | 144-7946           | 4           | Large Washer M10 - Din 9021         | 10          | 144-8262           | 2           | Cover Lock Nut                 |
| 2           | 144-7717           | 2           | Nut, Self Locking - M 10            | 11          | 144-8263           | 2           | Rubber Ring                    |
| 3           | 144-7947           | 2           | Bolt M10 X 35 - ISO 4017            | 12          | 144-8264           | 4           | Stand Leg                      |
| 4           | 144-7956           | 2           | Washer M16 - ISO 7089               | 13          | 144-8265           | 2           | Lock Pin                       |
| 5           | 144-7951           | 2           | Nut, Self Lock M16 10.9 - ISO 10511 | 14          | 144-7711           | 1           | Toplink Pin                    |
| 6           | 144-7940           | 4           | Self Lock Nut M6 - ISO 10511        | 15          | 144-7709           | 2           | Pin, Three Point               |
| 7           | 144-8082           | 4           | Bolt M6 X 50 - ISO 4014             | 16          | 144-8266           | 4           | Lock Pin Ø12 WI-80             |
| 8           | 144-8162           | 6           | R-Clip Round 3, Din 11024           | 17          | 144-7807           | 1           | Frame Rq630                    |
| 9           | 144-7710           | 3           | R Clip                              | 18          | 144-8267           | 2           | Lifting Eye Bolt M20 - Din 580 |
|             |                    |             |                                     | 19          | 144-7991           | 2           | Washer M20 - ISO 7089          |
|             |                    |             |                                     | 20          | 144-8268           | 2           | Bolt M20 X 30 - ISO 4017       |

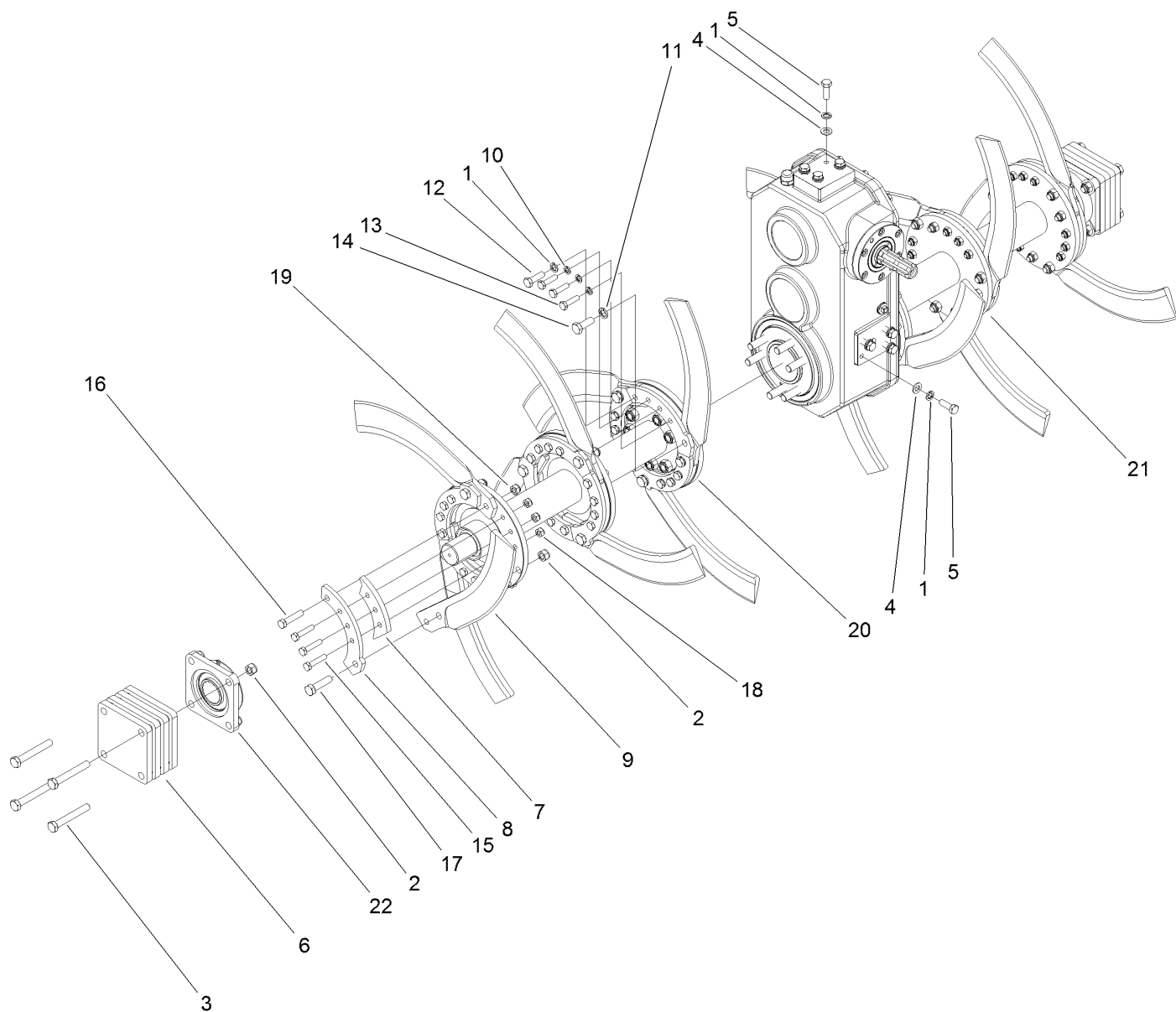
# Roller and Skid Assembly



## Roller and Skid Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>             | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>           |
|-------------|--------------------|-------------|--------------------------------|-------------|--------------------|-------------|------------------------------|
| 1           | 144-7717           | 8           | Nut, Self Locking - M 10       | 19          | 144-8092           | 2           | Bolt M6 X 65 - ISO 4014      |
| 2           | 144-7705           | 4           | Nut, Self Locking - M 12       | 20          | 144-7940           | 2           | Self Lock Nut M6 - ISO 10511 |
| 3           | 144-8269           | 2           | Bolt M8 X 80 - ISO 4014        | 21          | 144-8192           | 4           | Bolt M6 X 20 - ISO 4017      |
| 4           | 144-8270           | 4           | Washer M14 - ISO 7089          | 22          | 144-8277           | 2           | Lever Jack                   |
| 5           | 144-7706           | 6           | Nut, Self Locking - M 14       | 23          | 144-8278           | 4           | Bolt M14 X 45 - ISO 4017     |
| 6           | 144-8271           | 2           | Bolt M14 X 100 - ISO 4014      | 24          | 144-8279           | 2           | Bolt M8 X 60 - Din 7991      |
| 7           | 144-7768           | 8           | Bolt M 10 X 30                 | 25          | 144-7945           | 2           | Bolt M8 X 20 - ISO 4017      |
| 8           | 144-8272           | 4           | Bolt M12 X 40 - Din 7991       | 26          | 144-7810           | 1           | Support Plate Left           |
| 9           | 144-7922           | 4           | Washer M12 - ISO 7089          | 27          | 144-7811           | 1           | Support Plate Right          |
| 10          | 144-7944           | 4           | Self Lock Nut M8 - ISO 10511   | 28          | 144-7812           | 1           | Scraper                      |
| 11          | 144-7929           | 6           | Washer M8 - ISO 7089           | 29          | 144-8280           | 2           | Distance Bushing             |
| 12          | 144-8273           | 4           | Nut M8 - Din 934               | 30          | 144-7708           | 2           | Bearing Ucf1 206             |
| 13          | 144-7707           | 2           | Strut, Gas - Complete          | 31          | 144-8281           | 1           | Rear Roller Rq630            |
| 14          | 144-7808           | 2           | Weldment Jack                  | 32          | 144-7961           | 2           | Grease Nipple M6 Din 71412A  |
| 15          | 144-8274           | 2           | Lock Plate                     | 33          | 144-7809           | 1           | Skid                         |
| 16          | 144-8275           | 4           | Distance Bushing               | 34          | 144-8282           | 2           | Distance Bushing             |
| 17          | 144-8276           | 2           | Distance Block                 |             |                    |             |                              |
| 18          | 144-7963           | 2           | Height Indicator Strip, L= 280 |             |                    |             |                              |

# Knives Assembly

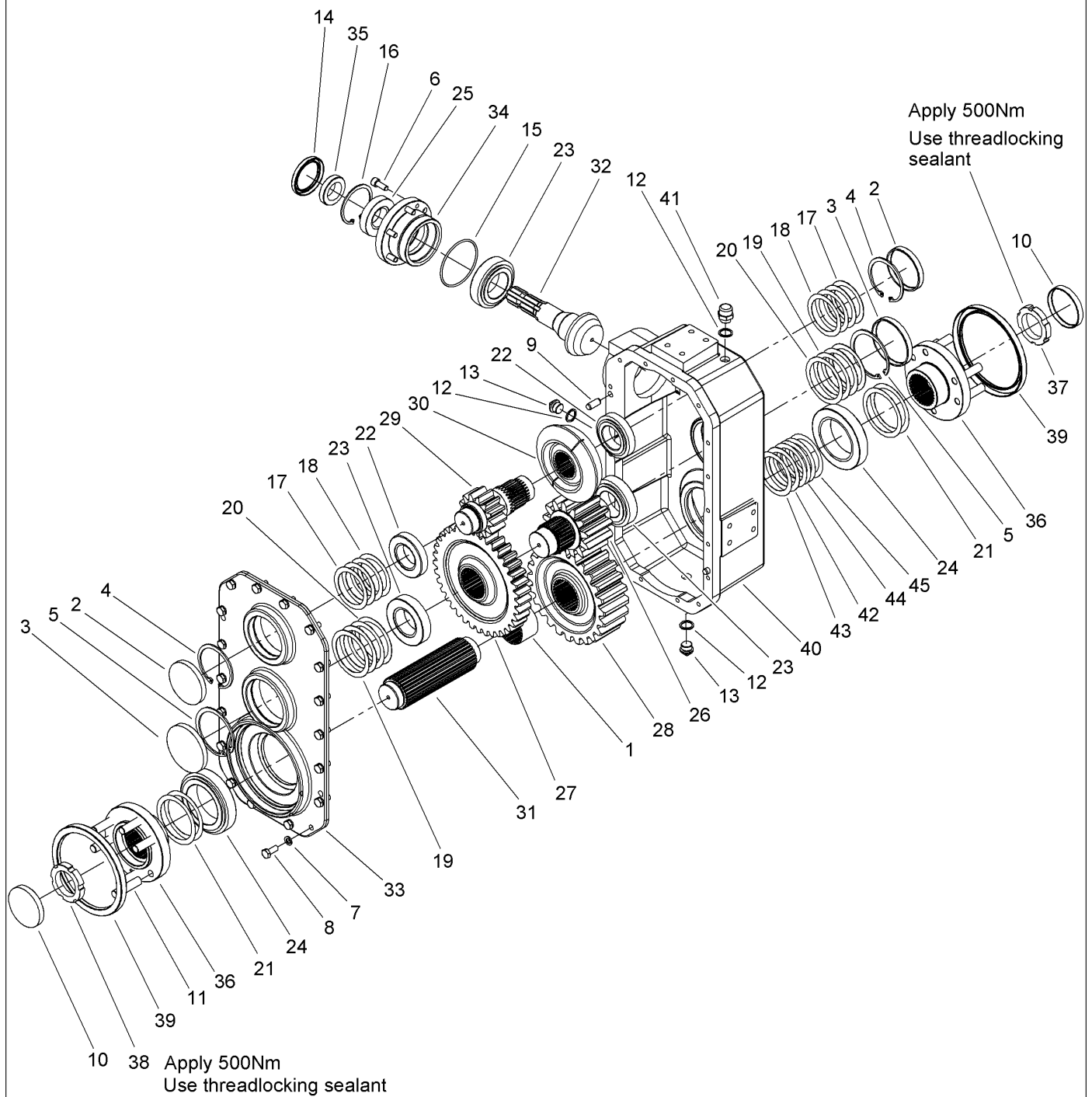


## Knives Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>           |
|-------------|--------------------|-------------|-----------------------------|-------------|--------------------|-------------|------------------------------|
| 1           | 144-7954           | 14          | Spring Washer M12 - Din 127 | 12          | 144-8215           | 6           | Bolt M12 X 40 - ISO 4017     |
| 2           | 144-7706           | 20          | Nut, Self Locking - M 14    | 13          | 144-8288           | 18          | Bolt M10 X 40 - ISO 4017     |
| 3           | 144-8271           | 8           | Bolt M14 X 100 - ISO 4014   | 14          | 144-8289           | 6           | Bolt M14 X 40 - ISO 4017     |
| 4           | 144-7922           | 8           | Washer M12 - ISO 7089       | 15          | 144-8110           | 36          | Bolt M10 X 50 - ISO 4014     |
| 5           | 144-8283           | 8           | Bolt M12 X 35 - ISO 4017    | 16          | 144-7703           | 12          | Bolt M 12X55                 |
| 6           | 144-8284           | 8           | Distance Plate              | 17          | 144-7704           | 12          | Bolt M 14X55                 |
| 7           | 144-8285           | 18          | Fill Plate                  | 18          | 144-7717           | 36          | Nut, Self Locking - M 10     |
| 8           | 144-8286           | 18          | Lock Plate                  | 19          | 144-7705           | 12          | Nut, Self Locking - M 12     |
| 9           | 144-7700           | 18          | Standard Blade Each, Rg 630 | 20          | 144-7813           | 1           | Weldment Knife Section Right |
| 10          | 144-7921           | 18          | Spring Washer M10 - Din 127 | 21          | 144-7814           | 1           | Weldment Knife Section Left  |
| 11          | 144-8287           | 6           | Spring Washer M14 - Din 127 | 22          | 144-8290           | 2           | Bearing Ucf 210              |

## Gearbox Assembly

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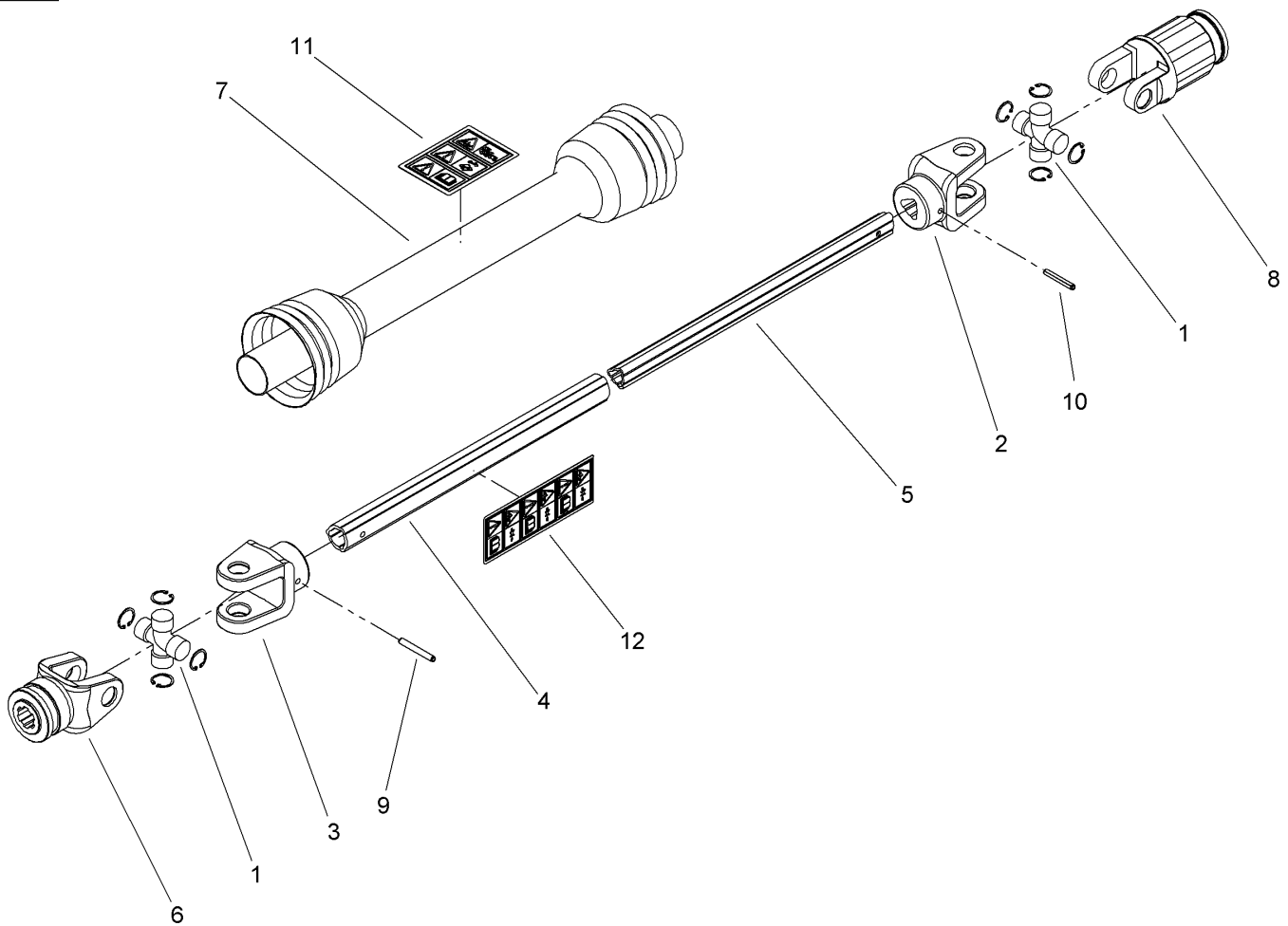


## Gearbox Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>            | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>             |
|-------------|--------------------|-------------|-------------------------------|-------------|--------------------|-------------|--------------------------------|
| 1           | 144-8291           | 1           | Distance Bushing              | 24          | 144-8310           | 2           | Bearing 32017                  |
| 2           | 144-8292           | 2           | End Cap 90X10                 | 25          | 144-8311           | 1           | Bearing 30208                  |
| 3           | 144-8293           | 2           | End Cap 100X10                | 26          | 144-8312           | 1           | Gear Z13 - M8                  |
| 4           | 144-8294           | 2           | Circlip D-90 - Din 472        | 27          | 144-8313           | 1           | Gear Z37 - M6                  |
| 5           | 144-8295           | 2           | Circlip D-100 - Din 472       | 28          | 144-8314           | 1           | Gear Z24 - M88                 |
| 6           | 144-8296           | 6           | Bolt M10 X 25 - Din 912       | 29          | 144-8315           | 1           | First Shaft With Gear Z13 - M6 |
| 7           | 144-7921           | 18          | Spring Washer M10 - Din 127   | 30          | 144-8316           | 1           | Conical Crown Z19 - M8.58      |
| 8           | 144-7920           | 18          | Bolt M10 X 25 - ISO 4017      | 31          | 144-8317           | 1           | Axle                           |
| 9           | 144-8297           | 2           | Parallel Pin ISO 8734 - 12X30 | 32          | 144-8318           | 1           | Bevel Pinion Z9 - M8.58        |
| 10          | 144-8298           | 2           | End Cap 85X10                 | 33          | 144-8319           | 1           | Cover                          |
| 11          | 144-8299           | 12          | Stud                          | 34          | 144-8320           | 1           | Pinion Flange                  |
| 12          | 144-8074           | 3           | Copper Washer 1_2             | 35          | 144-8321           | 1           | Nut On Pinion M40X1,5          |
| 13          | 144-8300           | 2           | TAP 1/2In.                    | 36          | 144-8322           | 2           | Flange For Transmission        |
| 14          | 144-7702           | 1           | Seal-Oil, 60X80X10            | 37          | 144-8323           | 1           | Nut M55X1.5-Dx                 |
| 15          | 144-8301           | 1           | O-Ring Ø91.97X3.53            | 38          | 144-8324           | 1           | Nut M55X1.5 Sx                 |
| 16          | 144-8302           | 1           | Circlip D-80 - Din 472        | 39          | 144-7701           | 2           | Seal-Oil, 160X190X15           |
| 17          | 144-8303           | 4           | Din 988 Shim 90X70X1          | 40          | 144-8325           | 1           | Gearbox Housing                |
| 18          | 144-8304           | 4           | Din 988 Shim 90X70X0.5        | 41          | 144-8326           | 1           | Breather 1/2In.                |
| 19          | 144-8305           | 4           | Din 988 Shim 100X80X1         | 42          | 144-8303           | 1           | Din 988 Shim 90X70X1           |
| 20          | 144-8306           | 4           | Din 988 Shim 100X80X0.5       | 43          | 144-8738           | 1           | Shim 90X70X0.3                 |
| 21          | 144-8307           | 4           | Din 988 Shim 105X85X0.5       | 44          | 144-8739           | 3           | Shim 90X70X0.2                 |
| 22          | 144-8308           | 2           | Bearing 30210                 | 45          | 144-8740           | 1           | Shim 90X70X0.1                 |
| 23          | 144-8309           | 3           | Bearing 32211                 | 46          | 144-8327           | 1           | Complete Gearbox               |

# Power Take Off Assembly

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## Power Take Off Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>           | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|------------------------------|-------------|--------------------|-------------|--------------------------|
| 1           | 144-8328           | 2           | Cross And 4X Circlip Kit     | 7           | 144-8334           | 1           | Complete Guard 40-Series |
| 2           | 144-8329           | 1           | Inner Tube Yoke Type 40      | 8           | 144-8335           | 1           | Ratchet Clutch T40 U34   |
| 3           | 144-8330           | 1           | Outer Tube Yoke Type 40      | 9           | 144-8336           | 1           | Roll Pin 8 X 65          |
| 4           | 144-8331           | 1           | T40-Series Outer Tube        | 10          | 144-8337           | 1           | Roll Pin 8 X 55          |
| 5           | 144-8332           | 1           | T40-Series Inner Tube        | 11          | 144-8338           | 1           | Decal - PTO Outside      |
| 6           | 144-8333           | 1           | Complete Collar Yoke Type 40 | 12          | 144-8339           | 1           | Decal - PTO Inner        |
|             |                    |             |                              | 13          | 144-7712           | 1           | PTO Shaft                |

**Notes:**

**Notes:**

