



## 4-Wheel Drive Rear Axle Replacement Kit Groundsmaster® 3000-D

Model No. 114-2860

### Parts Catalog

#### 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 illustrations and in part 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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## Part Description Abbreviations

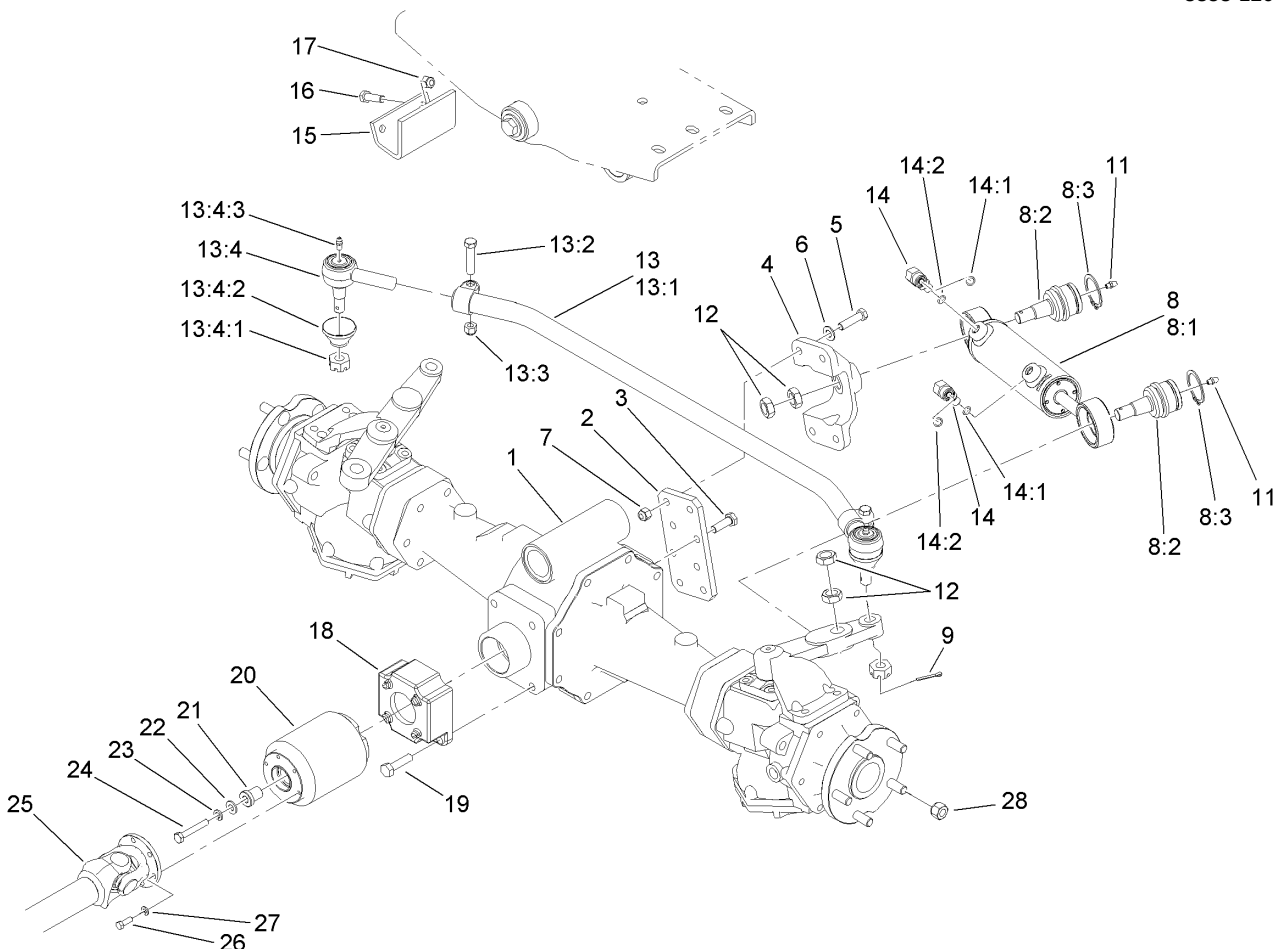
Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | HYD. .... hydraulic                          |
| ASM. .... assembly                         | LH. .... left hand                           |
| BBC. .... blade brake clutch               | NI. .... nylon insert                        |
| CARR. .... carriage                        | NPTF. .... national pipe thread fine         |
| DEG. .... degrees                          | PFH. .... phillips flat head                 |
| EXT. .... external                         | PPH. .... phillips pan head                  |
| FH. .... flat head                         | PPHTF. .... phillips pan head thread forming |
| GA. .... gauge                             | PRH. .... phillips round head                |
| HD. .... heavy-duty                        | PTH. .... phillips truss head                |
| HF. .... hex flange                        | PTO. .... power-take-off                     |
| HH. .... hex head                          | RH. .... right hand                          |
| HHF. .... hex head flange                  | ROPS. .... roll-over protection system       |
| HHFTF. .... hex head flange thread forming | SFH. .... slotted fillister head             |
| HJ. .... hex jam                           | SHH. .... slotted hex head                   |
| HLH. .... hex lag head                     | SHWH. .... slotted hex washer head           |
| HOC. .... height-of-cut                    | SPH. .... slotted pan head                   |
| HSBH. .... hex socket button head          | SQH. .... square head                        |
| HSFH. .... hex socket flat head            | SRH. .... slotted round head                 |
| HSH. .... hex socket head                  | STD. .... standard                           |
| HWH. .... hex washer head                  | TAP. .... self tapping                       |
| HWHTF. .... hex washer head thread forming | TTH. .... torx truss head                    |

## Footnotes

❶ Not illustrated

❷ Not serviced separately

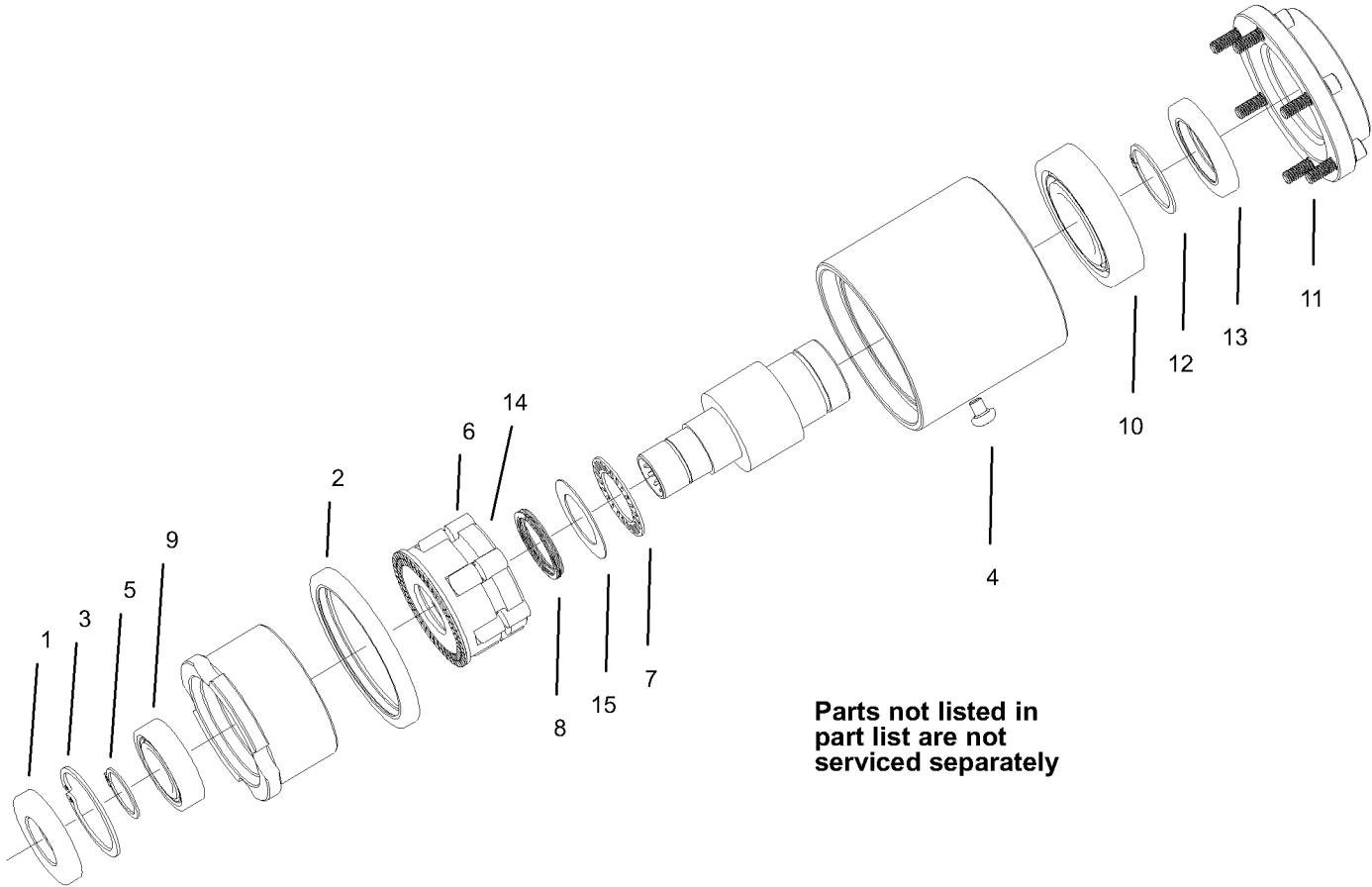


## 4-Wheel Drive Rear Axle Replacement Assembly

| Ref    | Part No.   | Qty. | Description              |
|--------|------------|------|--------------------------|
| ①      |            | 1    | Drive Axle ASM           |
| 2      | 98-8198-03 | 1    | Plate-Bracket, Cylinder  |
| 3      | 95-8812    | 4    | Screw-HH                 |
| 4      | 98-3948-03 | 1    | Mount-Cylinder           |
| 5      | 323-8      | 4    | Screw-HH                 |
| 6      | 48-9220    | 4    | Washer                   |
| 7      | 3296-39    | 4    | Nut-Lock, NI             |
| ②      |            | 1    | Steering Cylinder ASM    |
| 8:1    | 108-4434   | 1    | Cylinder-Steer, HYD      |
| 8:2    | 106-6774   | 2    | Joint-Ball               |
| 8:3    | 32151-104  | 2    | Ring-Retaining, External |
| 9      | 3272-11    | 2    | Pin-Cotter               |
| 11     | 302-5      | 2    | Fitting-Grease           |
| 12     | 3220-6     | 4    | Nut-Jam                  |
| 13     | 98-3932    | 1    | Tie Rod ASM              |
| 13:1   | 99-8996    | 1    | Tube And Clamp ASM       |
| 13:2   | 323-9      | 2    | Screw-HH                 |
| 13:3   | 3296-39    | 2    | Nut-Lock, NI             |
| 13:4   | 71-4740    | 2    | End-Rod, Tie (RH)        |
| 13:4:1 | 105-7941   | 1    | Nut-Hex, Slotted         |
| 13:4:2 | 105-7835   | 1    | Seal                     |
| 13:4:3 | 302-5      | 1    | Fitting-Grease           |
| 14     | 340-97     | 2    | Fitting-HYD, 90 DEG      |
| 14:1   | 237-22     | 1    | O-Ring                   |

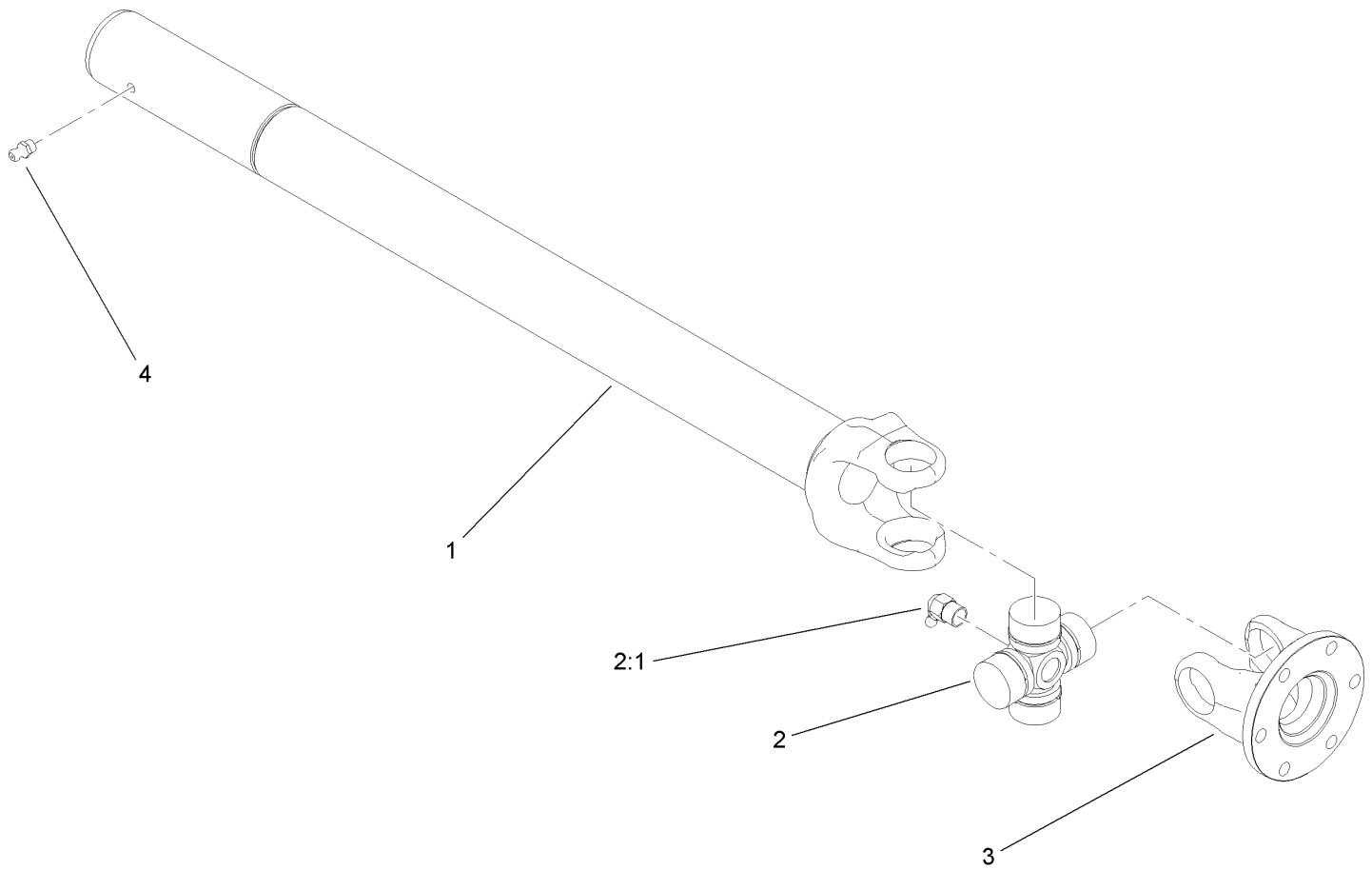
| Ref  | Part No.   | Qty. | Description             |
|------|------------|------|-------------------------|
| 14:2 | 237-78     | 1    | O-Ring                  |
| 15   | 114-2850   | 2    | Bracket-Axle Stop       |
| 16   | 323-7      | 4    | Screw-HH                |
| 17   | 3296-39    | 4    | Nut-Lock, NI            |
| 18   | 98-3860-03 | 1    | Adaptor-Locator, Clutch |
| 19   | 87-3700    | 2    | Screw-Cap, HH           |
| 20   | 95-6296    | 1    | Clutch-Bidirectional    |
| 21   | 98-1823    | 1    | Spacer                  |
| 22   | 33094-00   | 1    | Washer-Plain            |
| 23   | 3253-4     | 1    | Washer-Lock             |
| 24   | 33114-050  | 1    | Screw-HH                |
| 25   | 114-2862   | 1    | Joint And Tube Half ASM |
| 26   | 3274-8     | 6    | Screw-HSH               |
| 27   | 3253-3     | 6    | Washer-Lock             |
| 28   | 93-5268    | 10   | Nut-Lug                 |





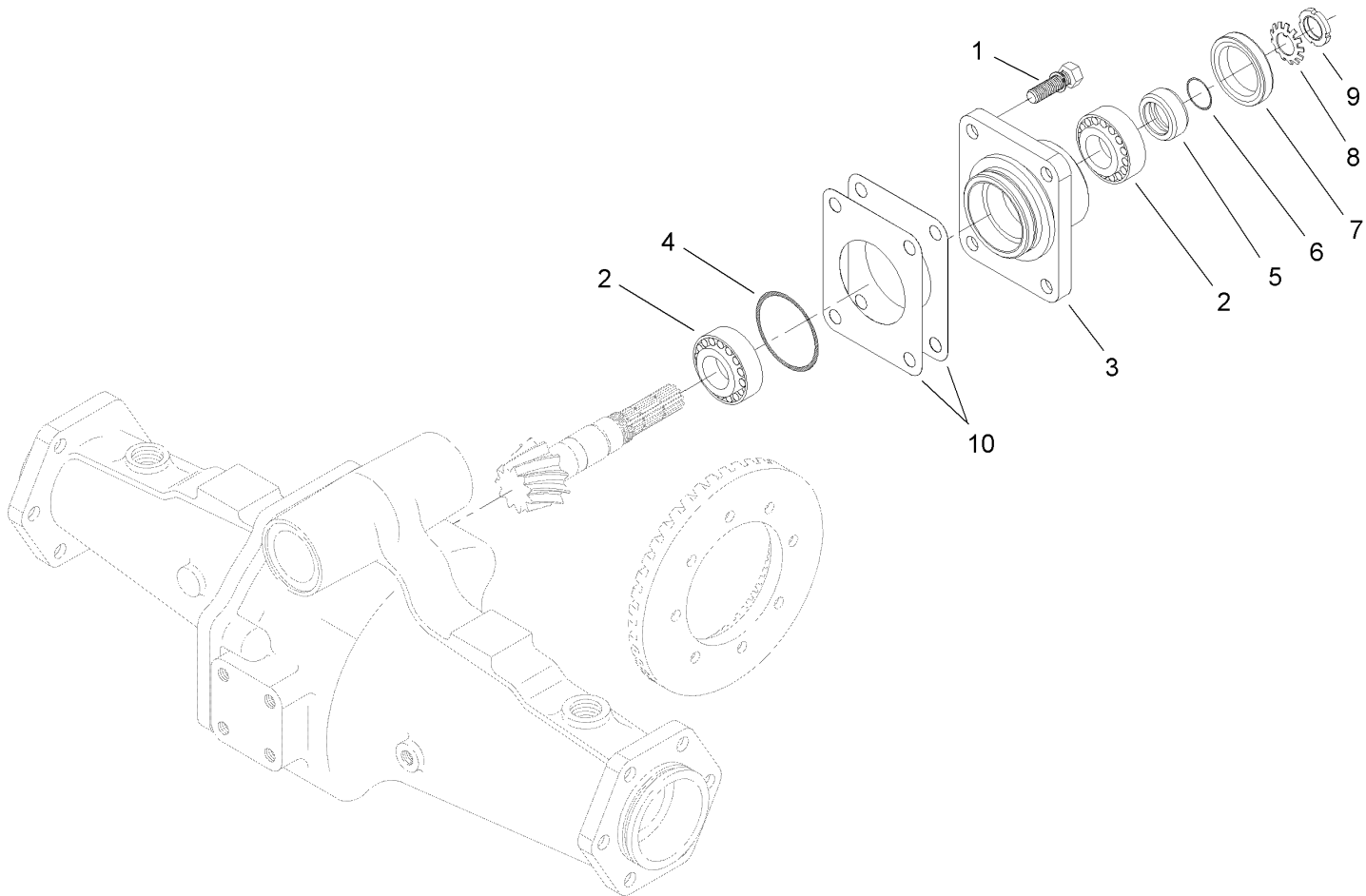
Bi-Directional Clutch Assembly No. 95-6296

| Ref | Part No. | Qty. | Description            |  |  |  |  |
|-----|----------|------|------------------------|--|--|--|--|
| 1   | 100-6589 | 1    | Seal-Oil               |  |  |  |  |
| 2   | 100-6593 | 1    | Seal-Oil               |  |  |  |  |
| 3   | 32151-75 | 1    | Ring-Retaining         |  |  |  |  |
| 4   | 100-6596 | 1    | Screw-PPH              |  |  |  |  |
| 5   | 100-6597 | 1    | Ring-Snap, External    |  |  |  |  |
| 6   | 93-8925  | 6    | Roller                 |  |  |  |  |
| 7   | 93-8919  | 1    | Bearing-Needle, Thrust |  |  |  |  |
| 8   | 93-8923  | 1    | Spring-Wave            |  |  |  |  |
| 9   | 99-2902  | 1    | Bearing                |  |  |  |  |
| 10  | 92-9705  | 1    | Bearing                |  |  |  |  |
| 11  | 3245-6   | 6    | Screw-HSH              |  |  |  |  |
| 12  | 32120-84 | 1    | Ring-Snap, External    |  |  |  |  |
| 13  | 71-6790  | 1    | Seal-Oil               |  |  |  |  |
| 14  | 100-2568 | 1    | Roll Cage ASM          |  |  |  |  |
| 15  | 93-8929  | 1    | Washer-Thrust          |  |  |  |  |



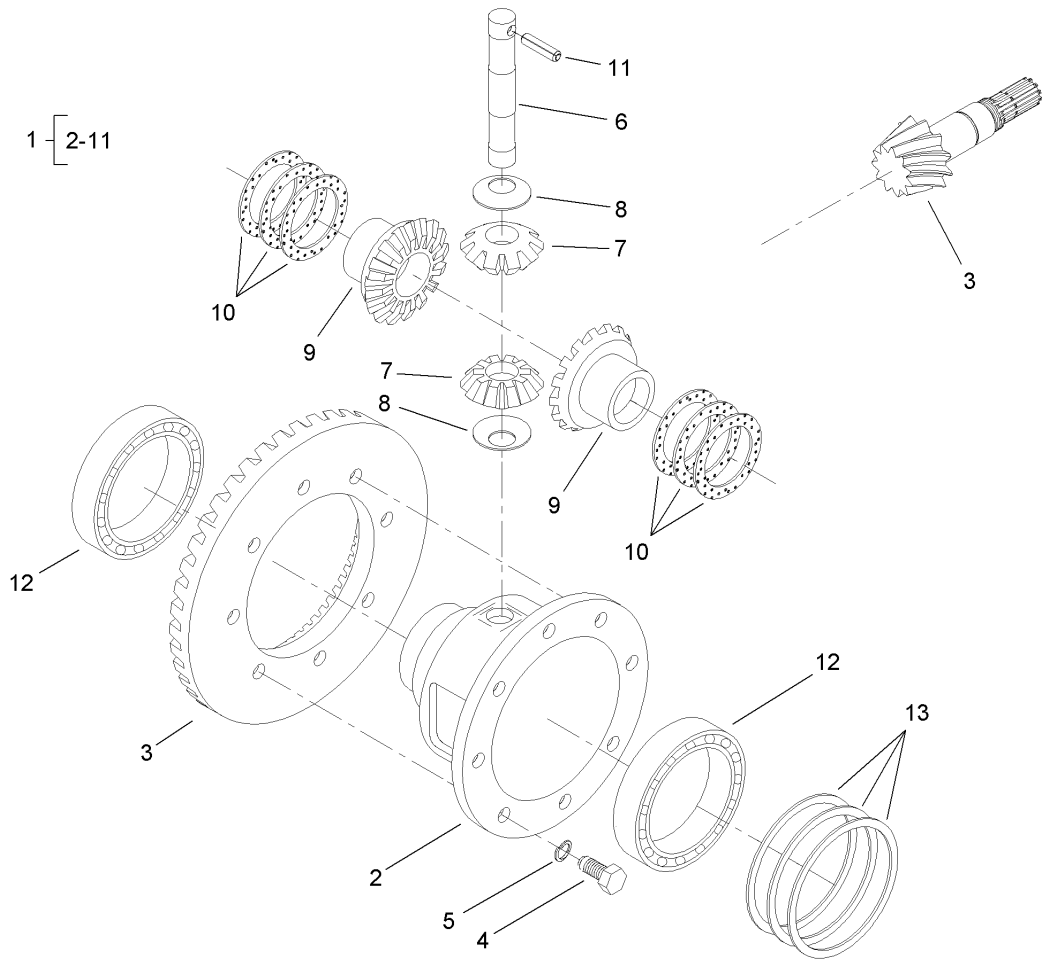
## Joint and Tube Half Assembly No. 114-2862

| Ref | Part No. | Qty. | Description      |
|-----|----------|------|------------------|
| 1   | 94-8980  | 1    | Tube-Yoke, Slip  |
| 2   | 54-9180  | 1    | U-Joint Kit      |
| 2:1 | 62-3820  | 1    | Fitting-Grease   |
| 3   | 72-3410  | 1    | Yoke-Flange      |
| 4   | 302-58   | 1    | Fitting-Straight |



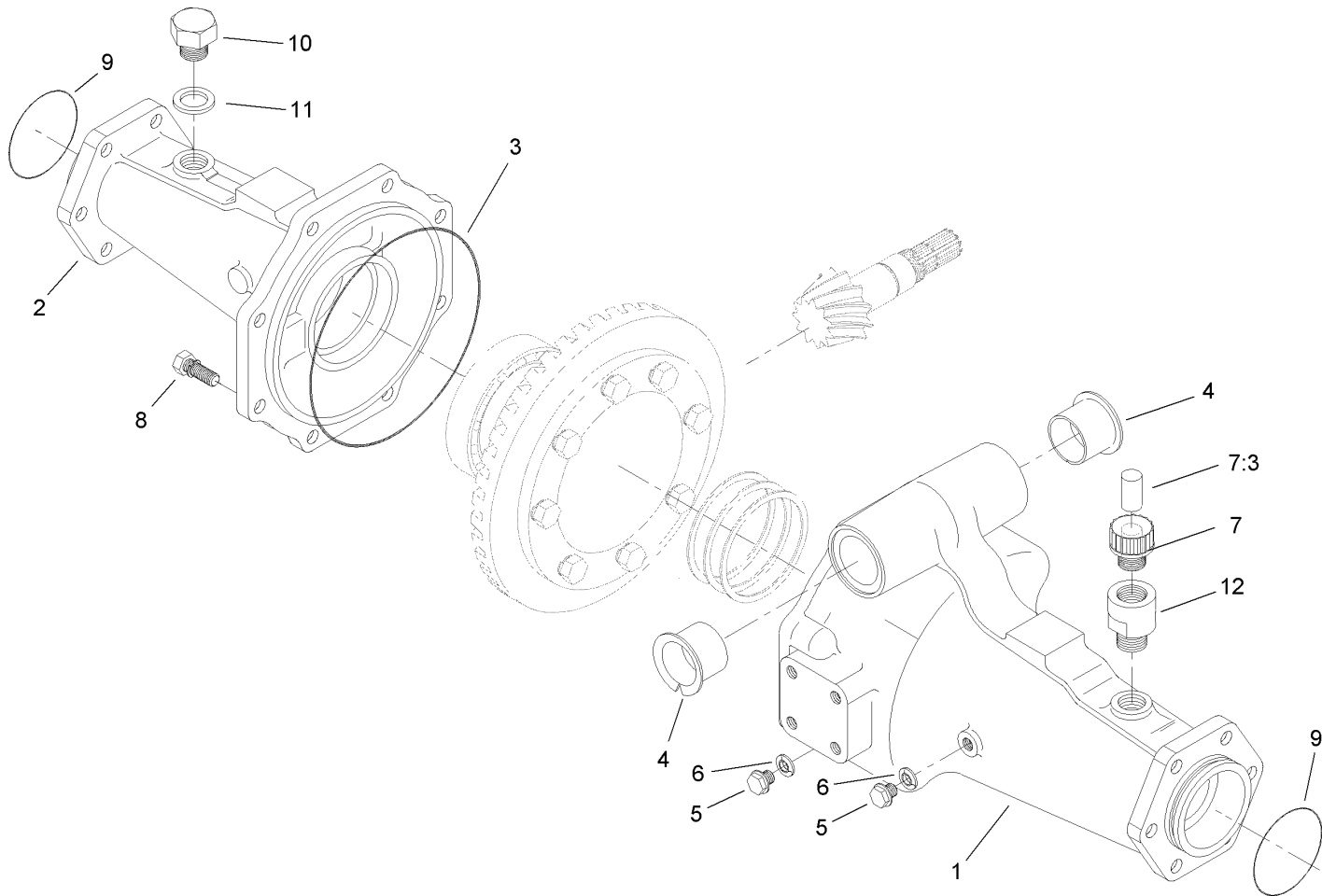
# Bevel Pinion Shaft Assembly

| Ref | Part No. | Qty. | Description           |  |  |  |  |
|-----|----------|------|-----------------------|--|--|--|--|
| 1   | 99-7575  | 4    | Bolt                  |  |  |  |  |
| 2   | 99-7570  | 2    | Bearing-Roller, Taper |  |  |  |  |
| 3   | 95-7535  | 1    | Case-Bearing          |  |  |  |  |
| 4   | 106-1065 | 1    | O-Ring                |  |  |  |  |
| 5   | 99-7572  | 1    | Collar-Seal, Oil      |  |  |  |  |
| 6   | 106-1066 | 1    | O-Ring                |  |  |  |  |
| 7   | 99-7574  | 1    | Seal-Oil              |  |  |  |  |
| 8   | 99-7559  | 1    | Washer-Lock           |  |  |  |  |
| 9   | 99-7560  | 1    | Nut-Lock              |  |  |  |  |
| 10  | 99-7550  | 2    | Shim 0.1              |  |  |  |  |
| 10  | 99-7551  | 2    | Shim 0.2              |  |  |  |  |



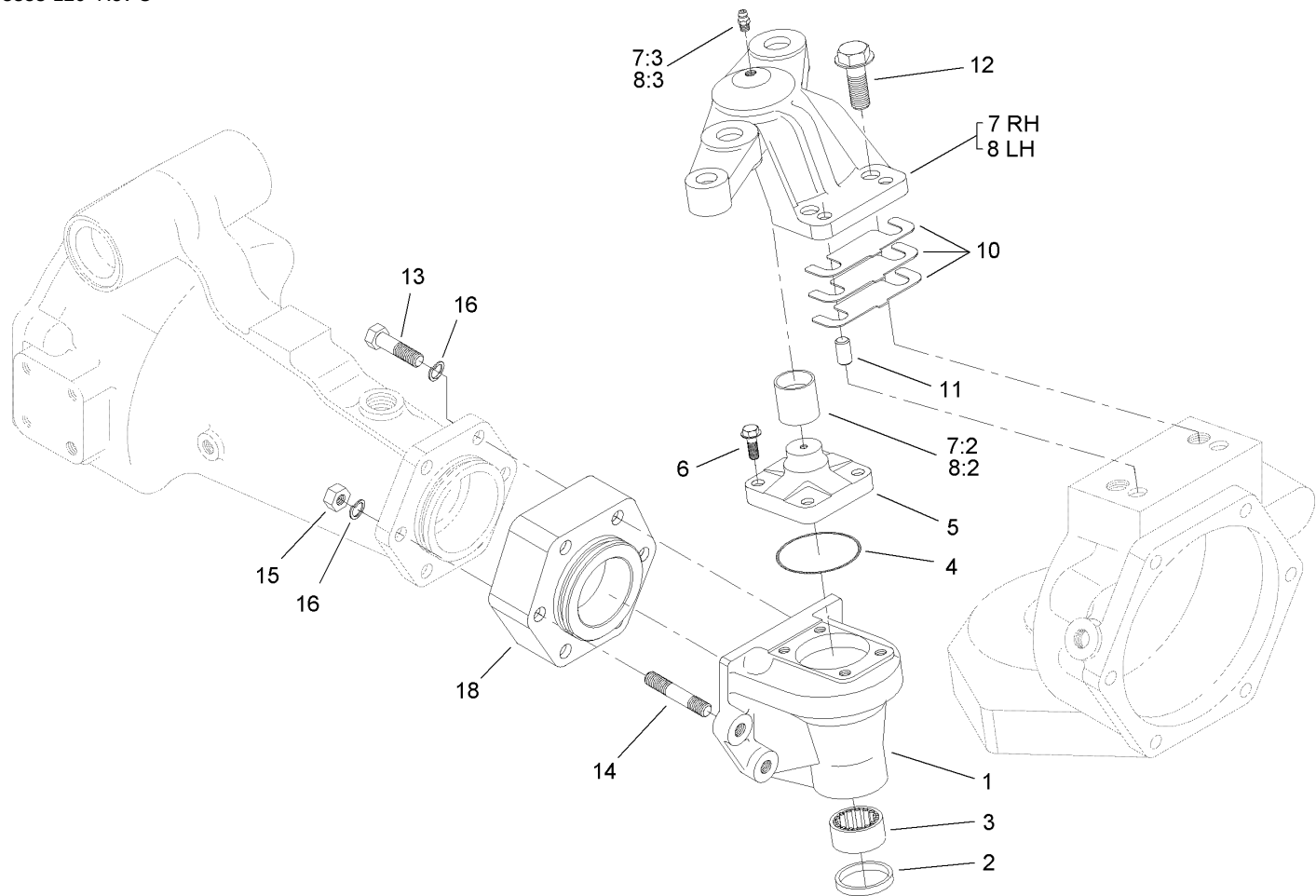
Differential Assembly

| Ref | Part No. | Qty. | Description                 |  |  |  |  |
|-----|----------|------|-----------------------------|--|--|--|--|
| ❶1  | 95-7503  | 1    | Differential ASM            |  |  |  |  |
| 2   | 95-7502  | 1    | Case-Differential           |  |  |  |  |
| 3   | 100-2555 | 1    | Ring And Pinion Matched Set |  |  |  |  |
| 4   | 99-7576  | 8    | Bolt                        |  |  |  |  |
| 5   | 3253-4   | 8    | Washer-Lock                 |  |  |  |  |
| 6   | 99-7578  | 1    | Shaft-Differential          |  |  |  |  |
| 7   | 99-7579  | 2    | Pinion-Differential         |  |  |  |  |
| 8   | 99-7580  | 2    | Washer-Differential         |  |  |  |  |
| 9   | 99-7581  | 2    | Gear-Differential           |  |  |  |  |
| 10  | 99-7582  | 2    | Washer-Differential         |  |  |  |  |
| 10  | 99-7583  | 2    | Washer-Differential         |  |  |  |  |
| 10  | 99-7584  | 2    | Washer-Differential         |  |  |  |  |
| 11  | 99-7588  | 1    | Pin-Spring                  |  |  |  |  |
| 12  | 99-7562  | 2    | Bearing-Ball                |  |  |  |  |
| 13  | 99-7585  | 2    | Shim 0.1                    |  |  |  |  |
| 13  | 99-7586  | 2    | Shim 0.2                    |  |  |  |  |
| 13  | 99-7587  | 2    | Shim 0.4                    |  |  |  |  |



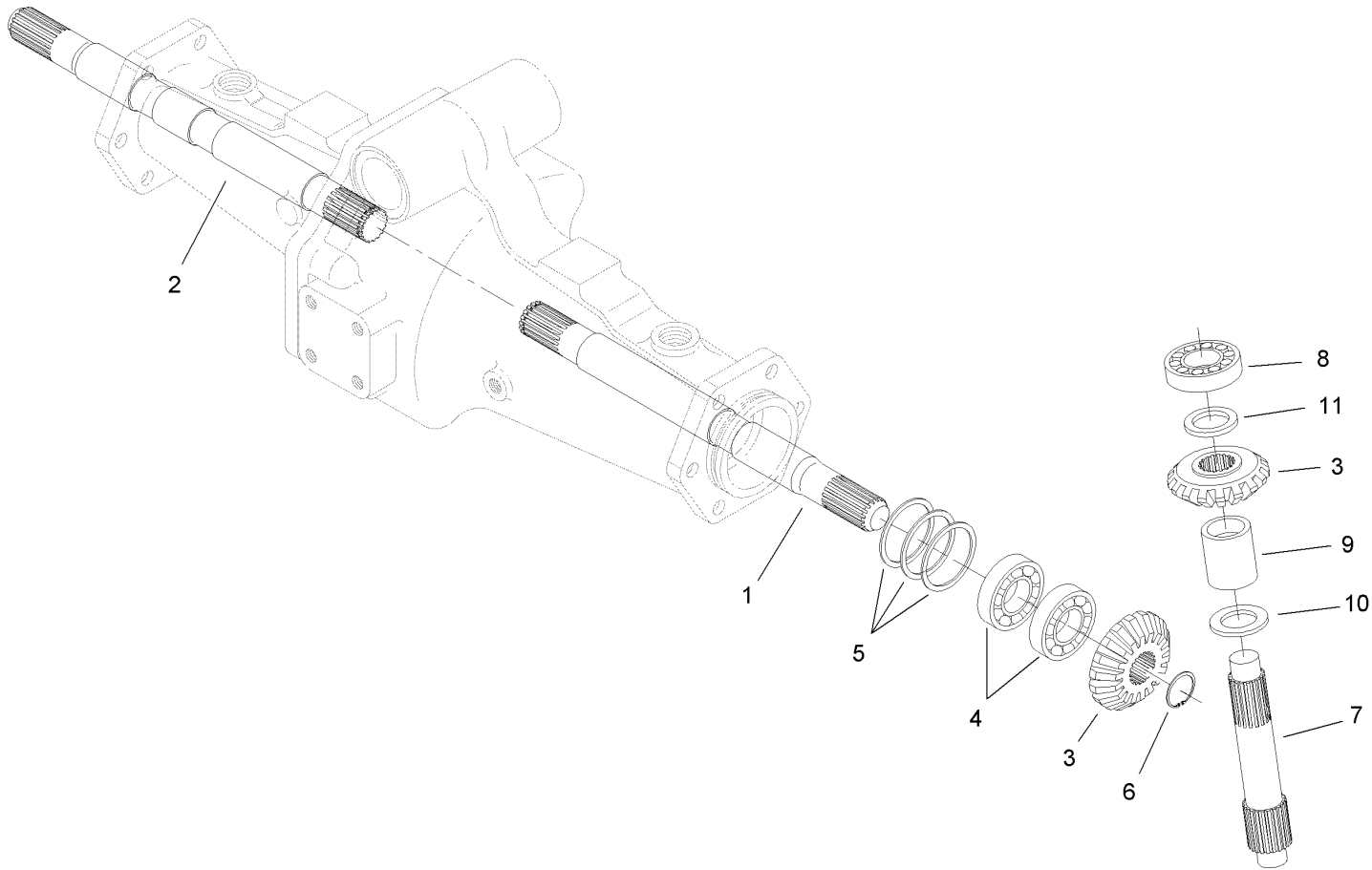
**Axle Support Assembly**

| Ref | Part No. | Qty. | Description         |  |  |  |  |
|-----|----------|------|---------------------|--|--|--|--|
| 1   | 95-7508  | 1    | Support-Axle        |  |  |  |  |
| 2   | 95-7506  | 1    | Support-Axle        |  |  |  |  |
| 3   | 106-1067 | 1    | O-Ring              |  |  |  |  |
| 4   | 95-7537  | 2    | Bushing-Flanged     |  |  |  |  |
| 5   | 99-7589  | 2    | Plug                |  |  |  |  |
| 6   | 99-7590  | 2    | Washer-Seal         |  |  |  |  |
| 7   | 110-4812 | 1    | Axle Vent ASM       |  |  |  |  |
| 7:3 | 110-4815 | 1    | Insert-Filter, Foam |  |  |  |  |
| 8   | 99-7592  | 8    | Bolt                |  |  |  |  |
| 9   | 99-7593  | 2    | O-Ring              |  |  |  |  |
| 10  | 104-8643 | 1    | Plug                |  |  |  |  |
| 11  | 104-8644 | 1    | O-Ring              |  |  |  |  |
| 12  | 104-2377 | 1    | Extension-Vent      |  |  |  |  |



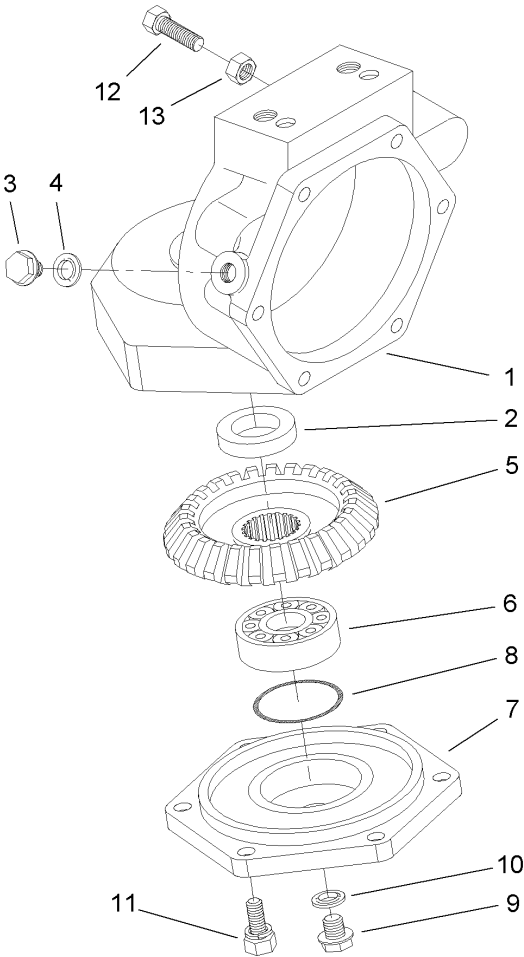
**Bevel Gear Case Assembly**

| Ref | Part No. | Qty. | Description              |  |  |  |  |
|-----|----------|------|--------------------------|--|--|--|--|
| 1   | 106-1099 | 2    | Case-Gear, Bevel         |  |  |  |  |
| 2   | 99-7594  | 2    | Seal-Oil                 |  |  |  |  |
| 3   | 99-7595  | 2    | Bearing-Needle           |  |  |  |  |
| 4   | 104-2372 | 2    | O-Ring                   |  |  |  |  |
| 5   | 104-2373 | 2    | Knuckle                  |  |  |  |  |
| 6   | 104-2374 | 8    | Bolt                     |  |  |  |  |
| 7   | 100-3746 | 1    | RH Axle Case Support ASM |  |  |  |  |
| 7:2 | 99-7529  | 1    | Bushing                  |  |  |  |  |
| 7:3 | 99-7528  | 1    | Nipple-Grease            |  |  |  |  |
| 8   | 100-3748 | 1    | LH Axle Case Support ASM |  |  |  |  |
| 8:2 | 99-7529  | 1    | Bushing                  |  |  |  |  |
| 8:3 | 99-7528  | 1    | Nipple-Grease            |  |  |  |  |
| 10  | 95-7547  | 2    | Shim 0.1                 |  |  |  |  |
| 10  | 95-7548  | 2    | Shim 0.2                 |  |  |  |  |
| 10  | 95-7549  | 2    | Shim 0.3                 |  |  |  |  |
| 11  | 99-7597  | 4    | Pin-Dowel                |  |  |  |  |
| 12  | 99-7598  | 4    | Bolt                     |  |  |  |  |
| 13  | 100-3736 | 8    | Bolt                     |  |  |  |  |
| 14  | 100-3737 | 4    | Stud                     |  |  |  |  |
| 15  | 99-7526  | 4    | Nut                      |  |  |  |  |
| 16  | 99-7527  | 12   | Washer-Spring            |  |  |  |  |
| 18  | 99-7565  | 2    | Spacer                   |  |  |  |  |



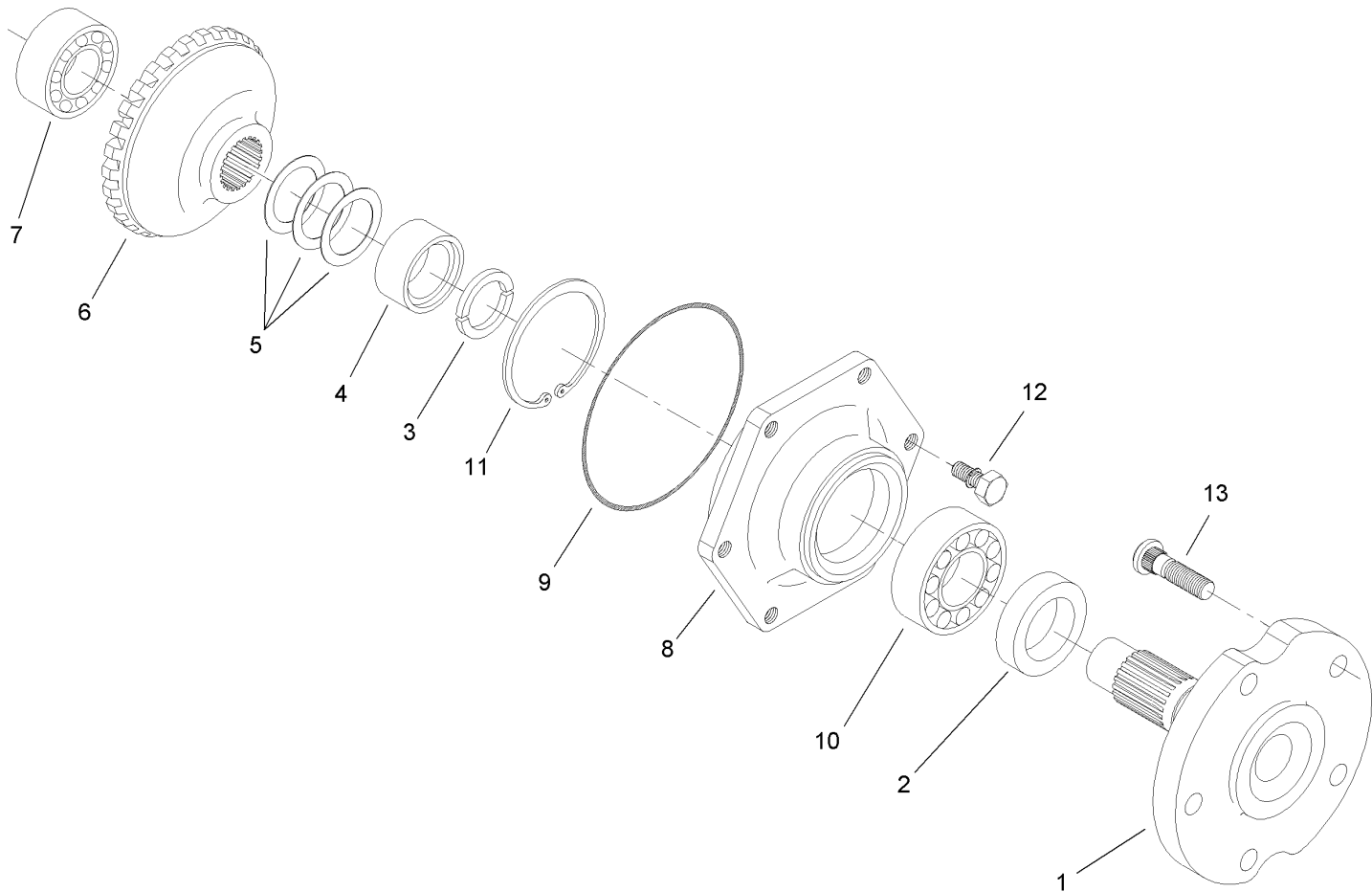
### Bevel Gear Shaft Assembly

| Ref | Part No. | Qty. | Description                 |  |  |  |  |
|-----|----------|------|-----------------------------|--|--|--|--|
| 1   | 99-7512  | 1    | Shaft-Differential, RH Gear |  |  |  |  |
| 2   | 99-7509  | 1    | Shaft-Differential, LH Gear |  |  |  |  |
| 3   | 95-7518  | 4    | Gear-Bevel, 18 Tooth        |  |  |  |  |
| 4   | 99-7530  | 4    | Bearing-Ball                |  |  |  |  |
| 5   | 99-7552  | 2    | Shim 0.1                    |  |  |  |  |
| 5   | 99-7553  | 2    | Shim 0.2                    |  |  |  |  |
| 5   | 99-7554  | 2    | Shim 0.5                    |  |  |  |  |
| 6   | 99-7531  | 2    | Clip                        |  |  |  |  |
| 7   | 106-1101 | 2    | Shaft-Gear, Bevel           |  |  |  |  |
| 8   | 99-7532  | 2    | Bearing-Roller, Taper       |  |  |  |  |
| 9   | 95-7543  | 2    | Spacer                      |  |  |  |  |
| 10  | 99-7533  | 2    | Collar-Thrust               |  |  |  |  |
| 11  | 99-7558  | 2    | Collar                      |  |  |  |  |



**Axle Case Assembly**

| Ref | Part No. | Qty. | Description           |  |  |  |  |
|-----|----------|------|-----------------------|--|--|--|--|
| 1   | 106-1100 | 2    | Case-Axle             |  |  |  |  |
| 2   | 99-7594  | 2    | Seal-Oil              |  |  |  |  |
| 3   | 99-7535  | 2    | Plug                  |  |  |  |  |
| 4   | 99-7536  | 2    | Washer-Seal           |  |  |  |  |
| 5   | 95-7528  | 2    | Gear-Bevel, 27 Tooth  |  |  |  |  |
| 6   | 99-7532  | 2    | Bearing-Roller, Taper |  |  |  |  |
| 7   | 95-7526  | 2    | Cover-Axle            |  |  |  |  |
| 8   | 106-1072 | 2    | O-Ring                |  |  |  |  |
| 9   | 99-7589  | 2    | Plug                  |  |  |  |  |
| 10  | 99-7590  | 2    | Washer-Seal           |  |  |  |  |
| 11  | 99-7596  | 12   | Bolt                  |  |  |  |  |
| 12  | 106-1102 | 2    | Bolt-Stop             |  |  |  |  |
| 13  | 106-1103 | 2    | Nut                   |  |  |  |  |



Axle Assembly

| Ref | Part No. | Qty. | Description          |  |  |  |  |
|-----|----------|------|----------------------|--|--|--|--|
| 1   | 95-7522  | 2    | Axle                 |  |  |  |  |
| 2   | 99-7564  | 2    | Seal-Oil             |  |  |  |  |
| 3   | 95-7544  | 4    | Clip                 |  |  |  |  |
| 4   | 95-7523  | 2    | Spacer               |  |  |  |  |
| 5   | 99-7555  | 2    | Shim 0.3             |  |  |  |  |
| 5   | 99-7556  | 2    | Shim 0.2             |  |  |  |  |
| 5   | 99-7557  | 2    | Shim 0.5             |  |  |  |  |
| 6   | 95-7525  | 2    | Gear-Bevel, 27 Tooth |  |  |  |  |
| 7   | 99-7534  | 2    | Bearing-Ball         |  |  |  |  |
| 8   | 95-7521  | 2    | Cover-Axle           |  |  |  |  |
| 9   | 106-1071 | 2    | O-Ring               |  |  |  |  |
| 10  | 99-7561  | 2    | Bearing-Ball         |  |  |  |  |
| 11  | 99-7539  | 2    | Clip                 |  |  |  |  |
| 12  | 99-7596  | 12   | Bolt                 |  |  |  |  |
| 13  | 99-7563  | 10   | Stud                 |  |  |  |  |

## NOTES

## NOTES

