Form No. 3322–888

# Axle Replacement Kit

## For Reelmaster® 3500/6500 and Groundsmaster® 455

**Model No. 95–4355**

## 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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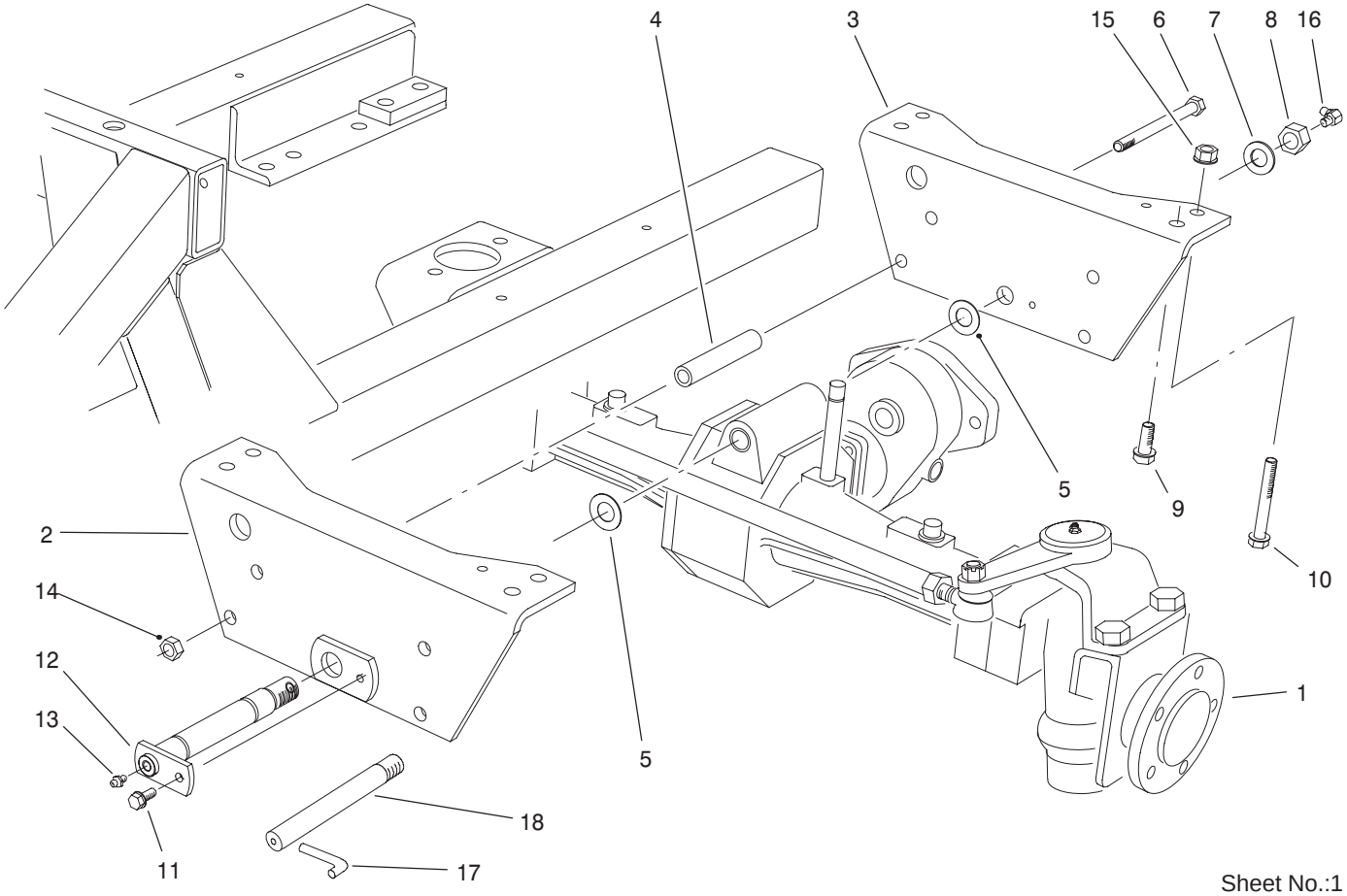
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## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| Abbreviation | Meaning |
|---|---|
| AR | as required |
| ASM | assembly |
| CARR | carriage |
| DEG | degrees |
| FH | flat head |
| GA | gauge |
| HF | hex flange |
| HH | hex head |
| HHF | hex head flange |
| HLH | hex lag head |
| HJ | hex jam |
| HOC | height-of-cut |
| HS | hex socket |
| HSBH | hex socket button head |
| HSFH | hex socket flat head |
| HSH | hex socket head |
| HWH | hex washer head |
| HWHTF | hex washer head thread forming |
| INC | incorporated |
| LH | left hand |
| NI | nylon insert |
| PPH | Phillips pan head |
| PTH | Phillips truss head |
| PTO | power take off |
| RH | right hand |
| SFH | slotted fillister head |
| SHH | slotted hex head |
| SQH | square head |
| SHWH | slotted hex washer head |
| SPH | slotted pan head |
| SRH | slotted round head |
| STD | standard |
| TAP | self tapping |
| TTH | Torx truss head |
| WH | wing head |

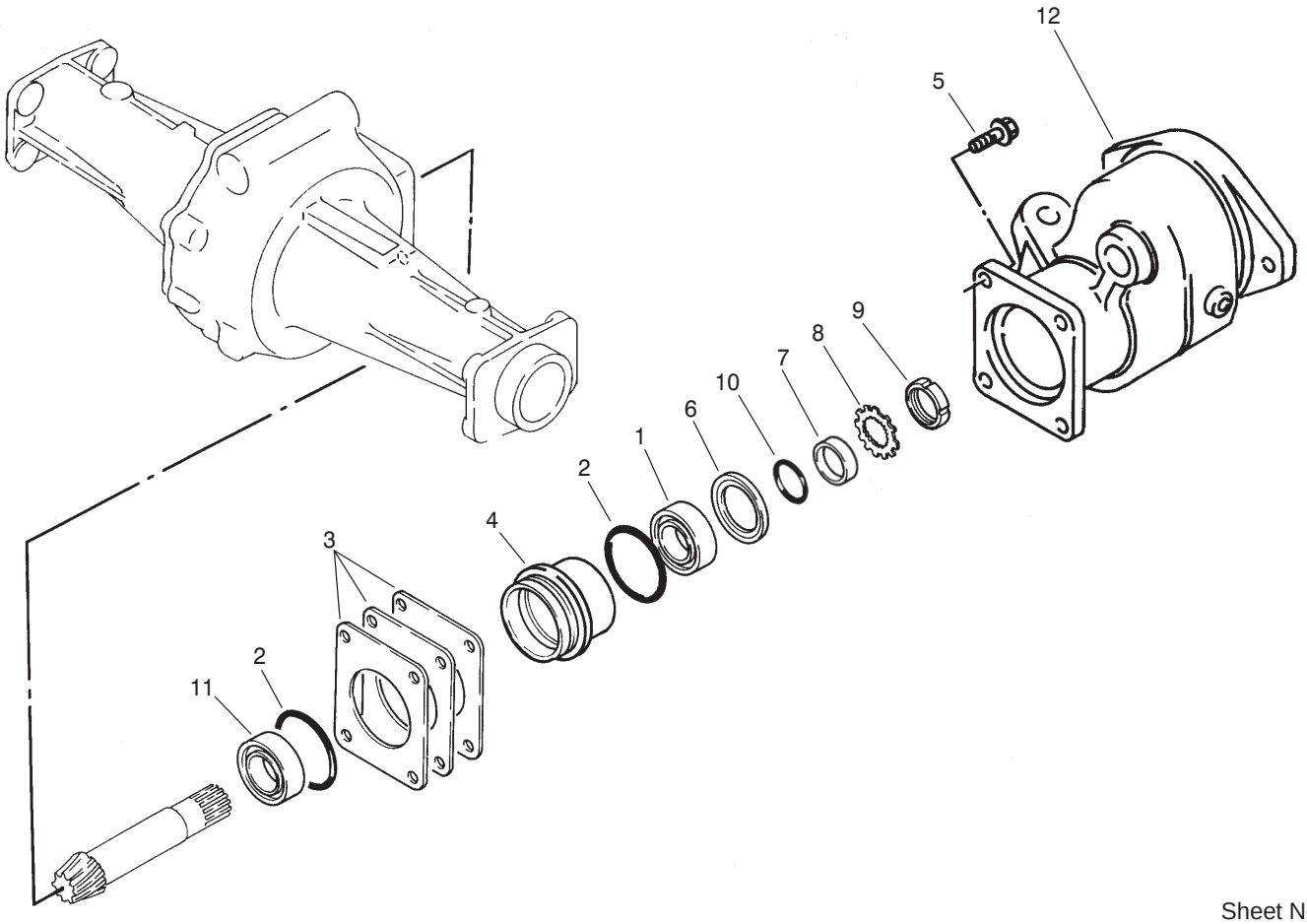



Sheet No.:1
T–2661

# Axle Installation Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 98–7825 | 1 | Drive Axle ASM |
| 2 | 93–7241–03 | 1 | Plate–Pivot, Axle |
| 3 | 93–7240–03 | 1 | Plate–Axle Pivot, Rear |
| 4 | 76–8350 | 2 | Stop–Axle |
| 5 | 93–7247 | 2 | Washer – Thrust |
| 6 | 325–20 | 2 | Screw–HH |
| 7 | 3256–29 | 1 | Washer–Flat |
| 8 | 94–8000 | 1 | Nut–Hex |
| 9 | 3234–32 | 6 | Capscrew |
| 10 | 325–35 | 2 | Screw–HH |
| 11 | 32144–11 | 1 | Screw–TAP |
| 12 | 93–7249 | 1 | Pin–Pivot, Axle |
| 13 | 302–2 | 1 | Fitting–Grease |
| 14 | 3296–45 | 2 | Nut–Lock, NI |
| 15 | 32128–49 | 2 | Nut–HHF |
| 16 | 302–33 | 1 | Fitting–Grease |
| 17 | 92–7604 | 1 | Stop–Pin |
| 18 | 94–8115 | 1 | Pin–pivot, Axle |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|

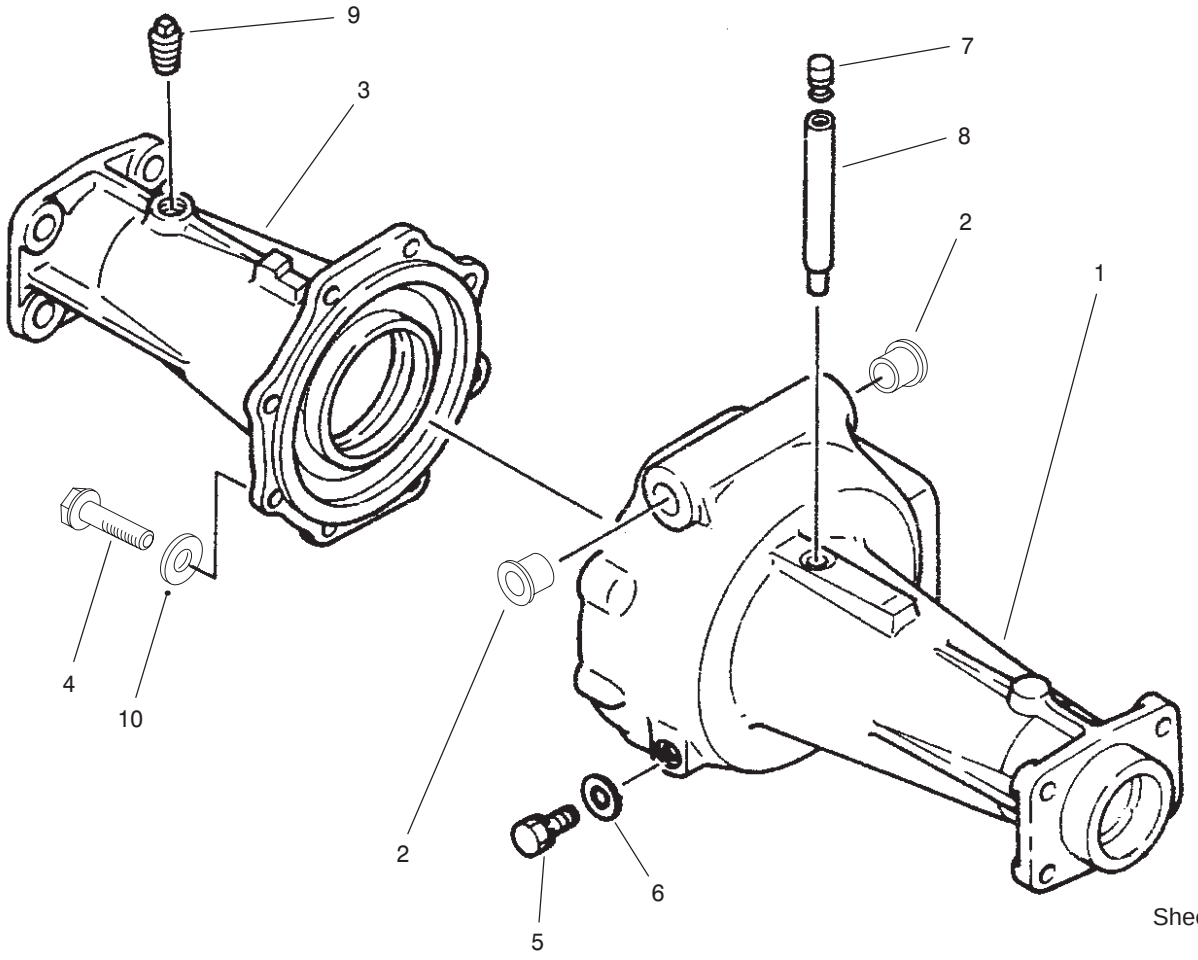



Sheet No.:81
T–1109–2

# Sleeve Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 76–7330 | 1 | Bearing |
| 2 | 76–7400 | 2 | O–Ring |
| 3 | 76–7410 | 1 | Shim |
| 3 | 76–7420 | 1 | Shim |
| 3 | 76–7430 | 1 | Shim |
| 4 | 76–7320 | 1 | Sleeve |
| 5 | 93–7773 | 4 | Screw |
| 6 | 76–7340 | 1 | Seal–Oil |
| 7 | 76–7350 | 1 | Bushing |
| 8 | 76–7380 | 1 | Washer |
| 9 | 76–7390 | 1 | Locknut |
| 10 | 76–7360 | 1 | O–Ring |
| 11 | 76–7370 | 1 | Bearing |
| 12 | 76–8070 | 1 | Adaptor |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|

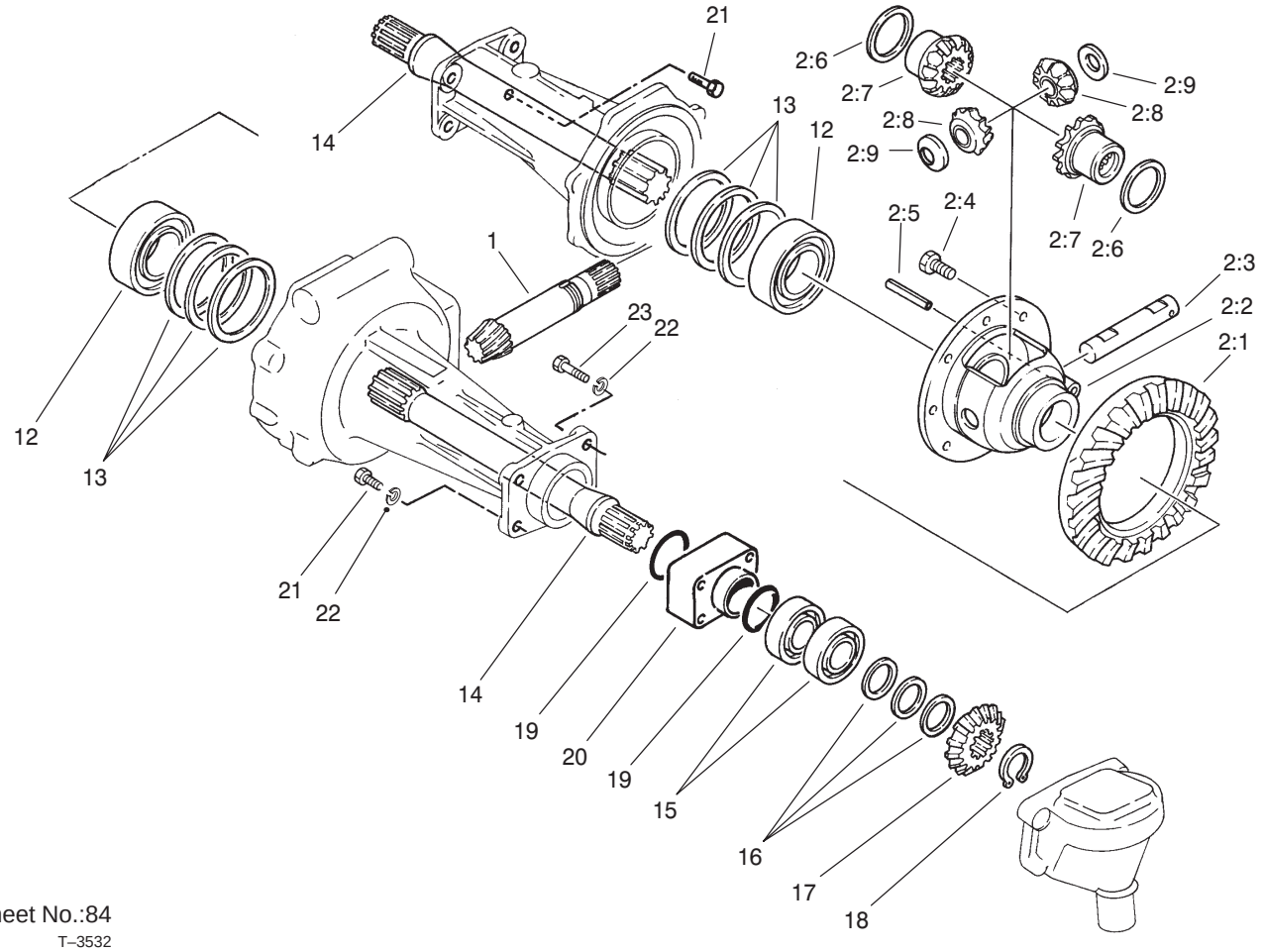



Sheet No.:82
T–1112–2

# Axle Housing Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 93–7778 | 1 | Housing–Axle A |
| 2 | 93–7787 | 2 | Bushing–Flange, Metric |
| 3 | 93–7779 | 1 | Housing–Axle B |
| 4 | 93–7782 | 8 | Bolt |
| 5 | 76–7110 | 1 | Plug |
| 6 | 76–7120 | 1 | Seal–Washer |
| 7 | 76–7480 | 1 | Plug – Vent |
| 8 | 76–7470 | 1 | Pipe |
| 9 | 76–7140 | 1 | Plug |
| 10 | 93–7781 | 8 | Washer |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|



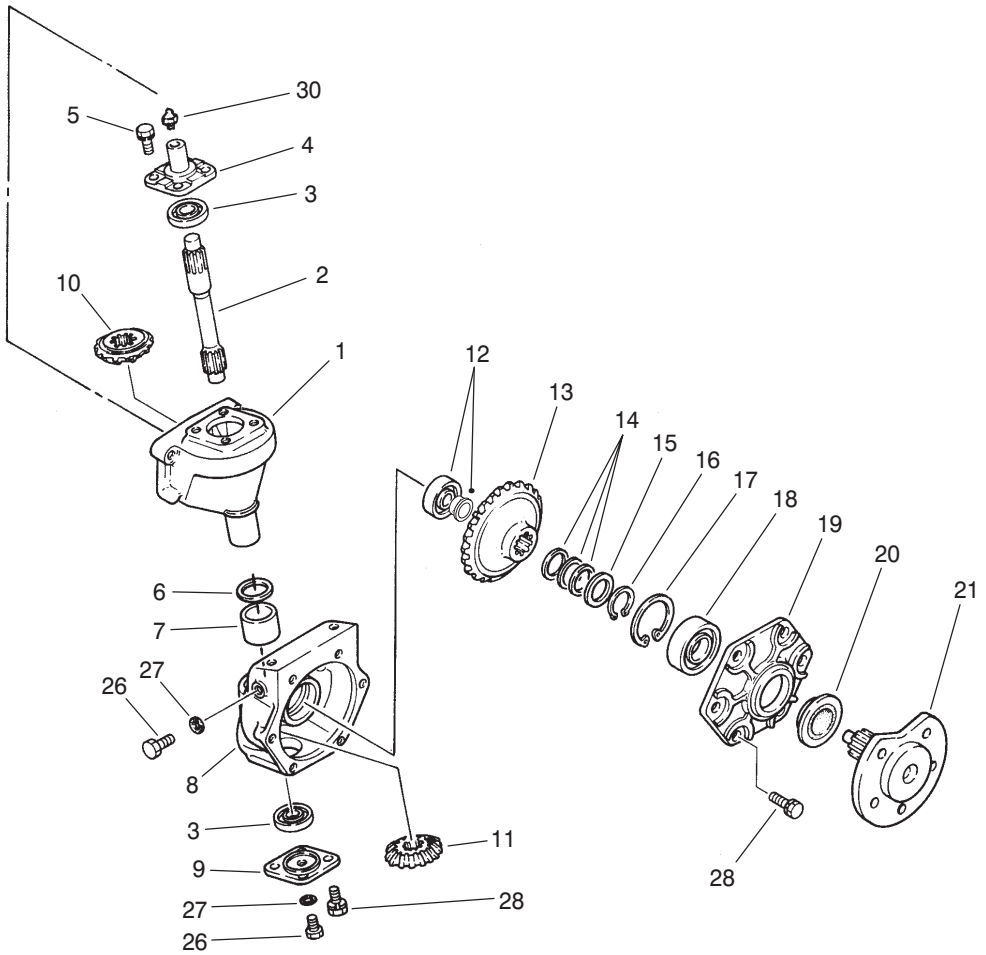

Sheet No.:84

T–3532

# Differential and Shaft Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 76–7250 | 1 | Drive – Pinion |
| 2 | 98–7820 | 1 | Differential Case ASM |
| 2:1 | 98–7823 | 1 | Gear – Ring |
| 2:2 | 98–7822 | 1 | Case – Differential |
| 2:3 | 76–7200 | 1 | Shaft – Pinion |
| 2:4 | 98–7821 | 8 | Bolt |
| 2:5 | 76–7270 | 1 | Pin – Spring |
| 2:6 | 76–7220 | 2 | Washer – Thrust |
| 2:7 | 76–7190 | 2 | Gear–Side |
| 2:8 | 76–7180 | 2 | Pinion–Mate |
| 2:9 | 76–7210 | 2 | Washer – Thrust |
| 12 | 76–7280 | 2 | Bearing |
| 13 | 76–7290 | 1 | Liner |
| 13 | 76–7300 | 1 | Liner |
| 13 | 76–7310 | 1 | Liner |
| 14 | 76–7490 | 2 | Shaft–Differential |
| 15 | 76–7500 | 4 | Bearing |
| 16 | 76–7520 | 1 | Liner |
| 16 | 76–7530 | 1 | Shim |
| 16 | 76–7540 | 1 | Liner |
| 17 | 76–7510 | 2 | Pinion – 14t |
| 18 | 76–7550 | 2 | Ring |
| 19 | 76–7580 | 4 | O–Ring |
| 20 | 76–7590 | 2 | Spacer |
| 21 | 76–7600 | 2 | Bolt – Reamer |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 22 | 76–7620 | 8 | Washer |
| 23 | 76–7610 | 6 | Bolt |

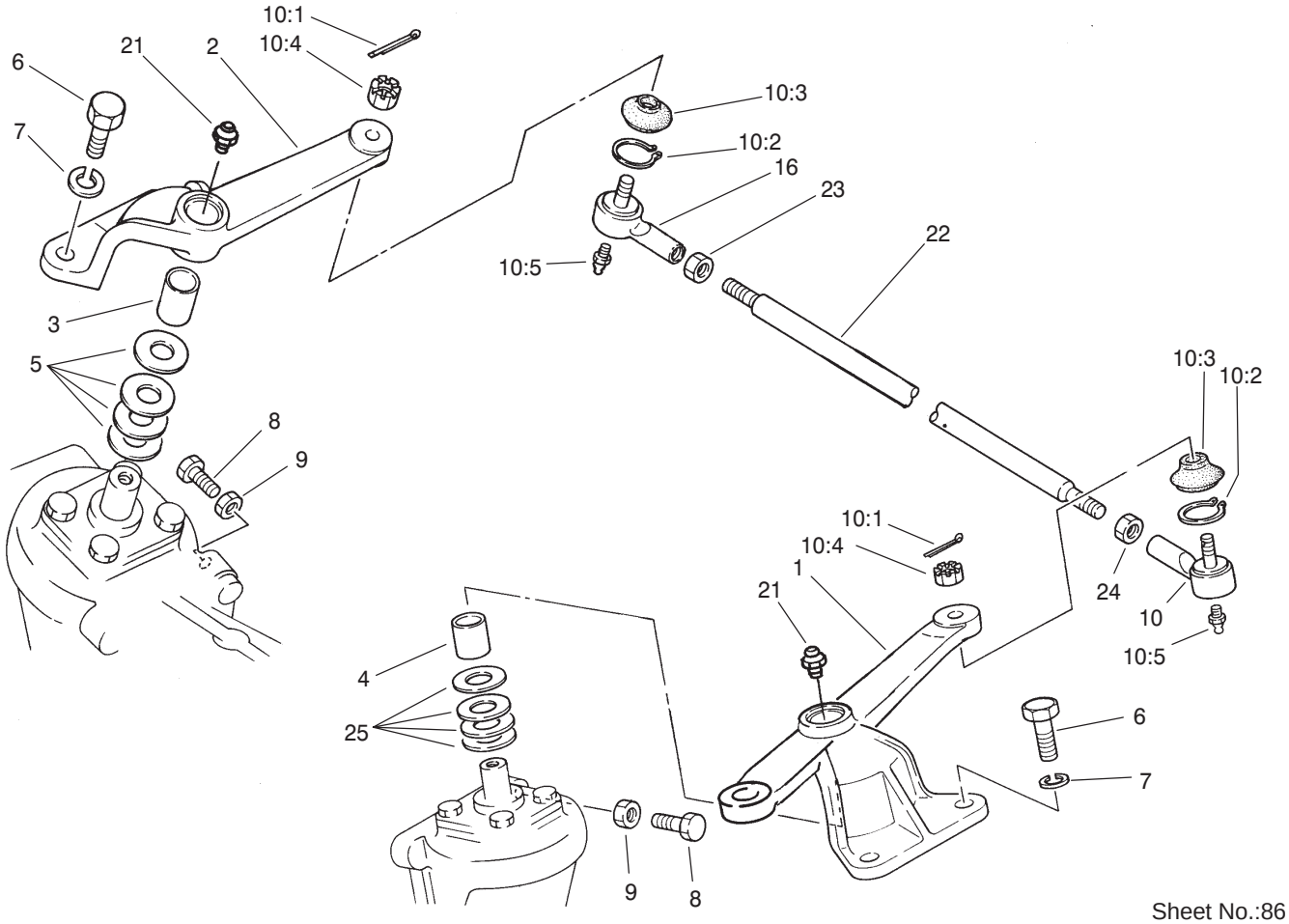



Sheet No.:85
T–1110–1

# Steering Gear Case Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 76–7560 | 2 | Case – Gear |
| 2 | 76–7650 | 2 | Shaft |
| 3 | 76–7670 | 4 | Bearing |
| 4 | 76–7630 | 1 | Holder |
| 4 | 76–7660 | 1 | Holder |
| 5 | 76–7640 | 8 | Bolt |
| 6 | 76–7740 | 2 | Seal–Oil |
| 7 | 76–7730 | 2 | Bushing |
| 8 | 76–7680 | 2 | Case – Final |
| 9 | 76–7770 | 2 | Cover |
| 10 | 76–7510 | 2 | Pinion – 14t |
| 11 | 76–7750 | 2 | Pinion – 15t |
| 12 | 94–5643 | 2 | Bearing |
| 13 | 76–7840 | 2 | Gear – Bevel 29 |
| 14 | 76–7890 | 1 | Liner |
| 14 | 76–7900 | 1 | Liner |
| 14 | 76–7910 | 1 | Liner |
| 15 | 76–7880 | 2 | Liner |
| 16 | 76–7920 | 2 | Ring |
| 17 | 76–7930 | 2 | Ring |
| 18 | 93–7775 | 2 | Bearing |
| 19 | 76–7810 | 2 | Holder – Bearing |
| 20 | 76–7870 | 2 | Seal–Oil |
| 21 | 76–7830 | 2 | Shaft – Wheel |
| 26 | 76–7110 | 4 | Plug |
| 27 | 76–7120 | 4 | Seal–Washer |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 28 | 76–7640 | 20 | Bolt |
| 30 | 76–7960 | 2 | Nipple – Grease |




Sheet No.:86

T–1108–1

# Steering Arm Linkage Assembly

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 1 | 94–8018 | 1 | Arm–Link, Drag |
| 2 | 94–8019 | 1 | Arm–Rod, Tie |
| 3 | 76–4260 | 1 | Bushing |
| 4 | 76–7950 | 1 | Bushing |
| 5 | 76–7820 | 1 | Liner – Thrust B |
| 5 | 76–7970 | 1 | Liner – Thrust C |
| 5 | 76–7980 | 1 | Liner – Thrust D |
| 5 | 76–7990 | 1 | Liner – Thrust E |
| 6 | 76–8000 | 4 | Bolt – Reamer |
| 7 | 76–8010 | 4 | Washer |
| 8 | 76–7710 | 4 | Bolt |
| 9 | 76–7720 | 4 | Nut |
| 10 | 76–8030 | 1 | End–Rod, LH |
| 10:1 | 3272–7 | 1 | Pin–Cotter |
| 10:2 | 93–7783 | 1 | Ring – Retaining |
| 10:3 | 93–7784 | 1 | Boot |
| 10:4 | 93–7785 | 1 | Nut |
| 10:5 | 93–7786 | 1 | Fitting – Grease |
| 16 | 76–8050 | 1 | End–Rod, RH |
| 16:1 | 3272–7 | 1 | Pin–Cotter |
| 16:2 | 93–7783 | 1 | Ring – Retaining |
| 16:3 | 93–7784 | 1 | Boot |
| 16:4 | 93–7785 | 1 | Nut |
| 16:5 | 93–7786 | 1 | Fitting – Grease |
| 21 | 76–7960 | 2 | Nipple – Grease |
| 22 | 76–8020 | 1 | Rod–Tie |

| Ref. No. | Part No. | Qty. | Description |
|---|---|---|---|
| 23 | 76–8060 | 1 | Nut |
| 24 | 76–8040 | 1 | Nut |
| 25 | 76–7700 | 1 | Liner – Thrust J |
| 25 | 76–7760 | 1 | Liner – Thrust H |
| 25 | 76–7780 | 1 | Liner – Thrust G |
| 25 | 76–7790 | 1 | Liner – Thrust F |

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