Form No. 3327–296

Gearbox Service Kit

Z Master® 320/350 Series 48” Mower

Part No. 105–6172

Part No. 105–6178

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.

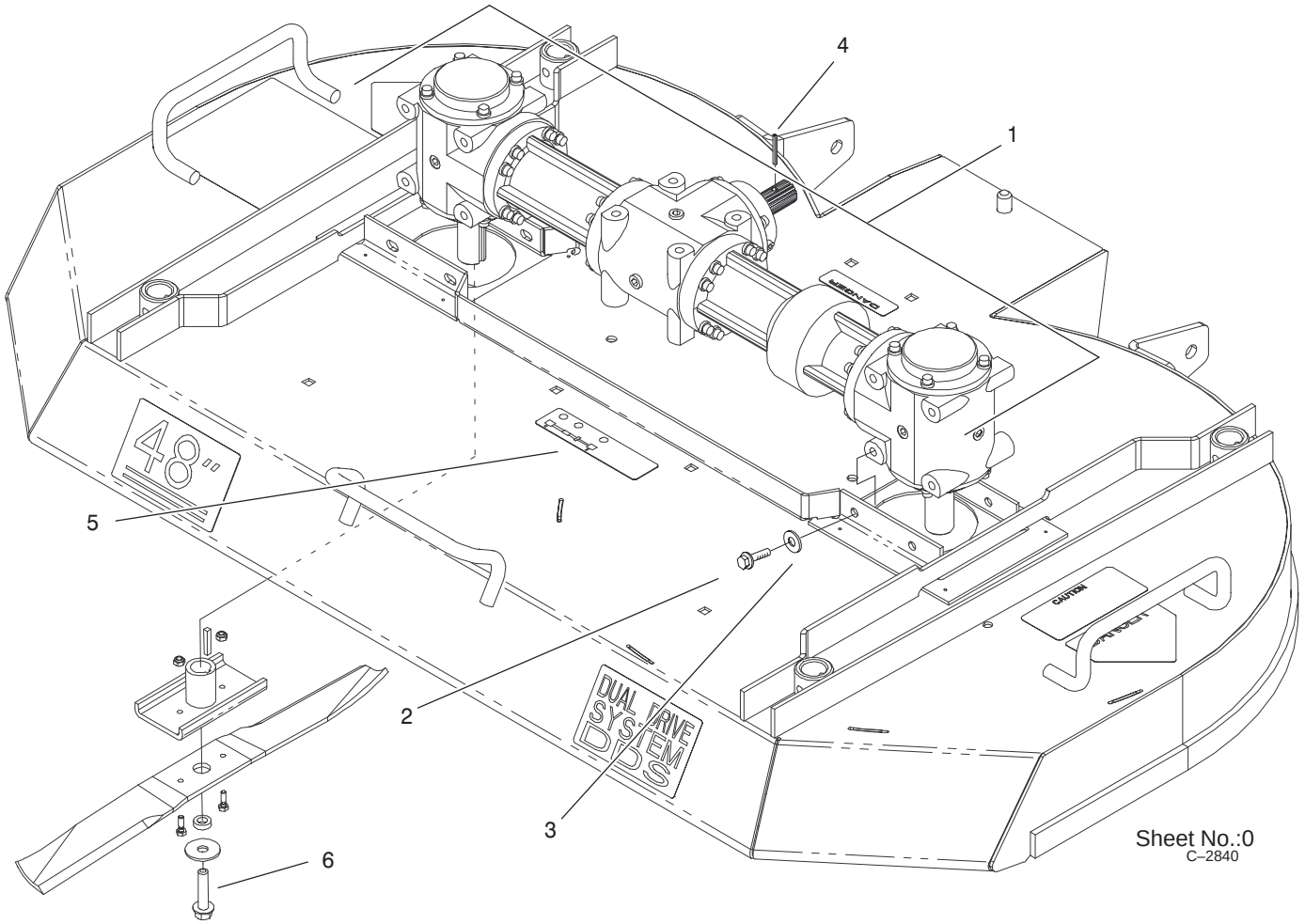
Reference numbers of this type appear in illustrations and in part lists.

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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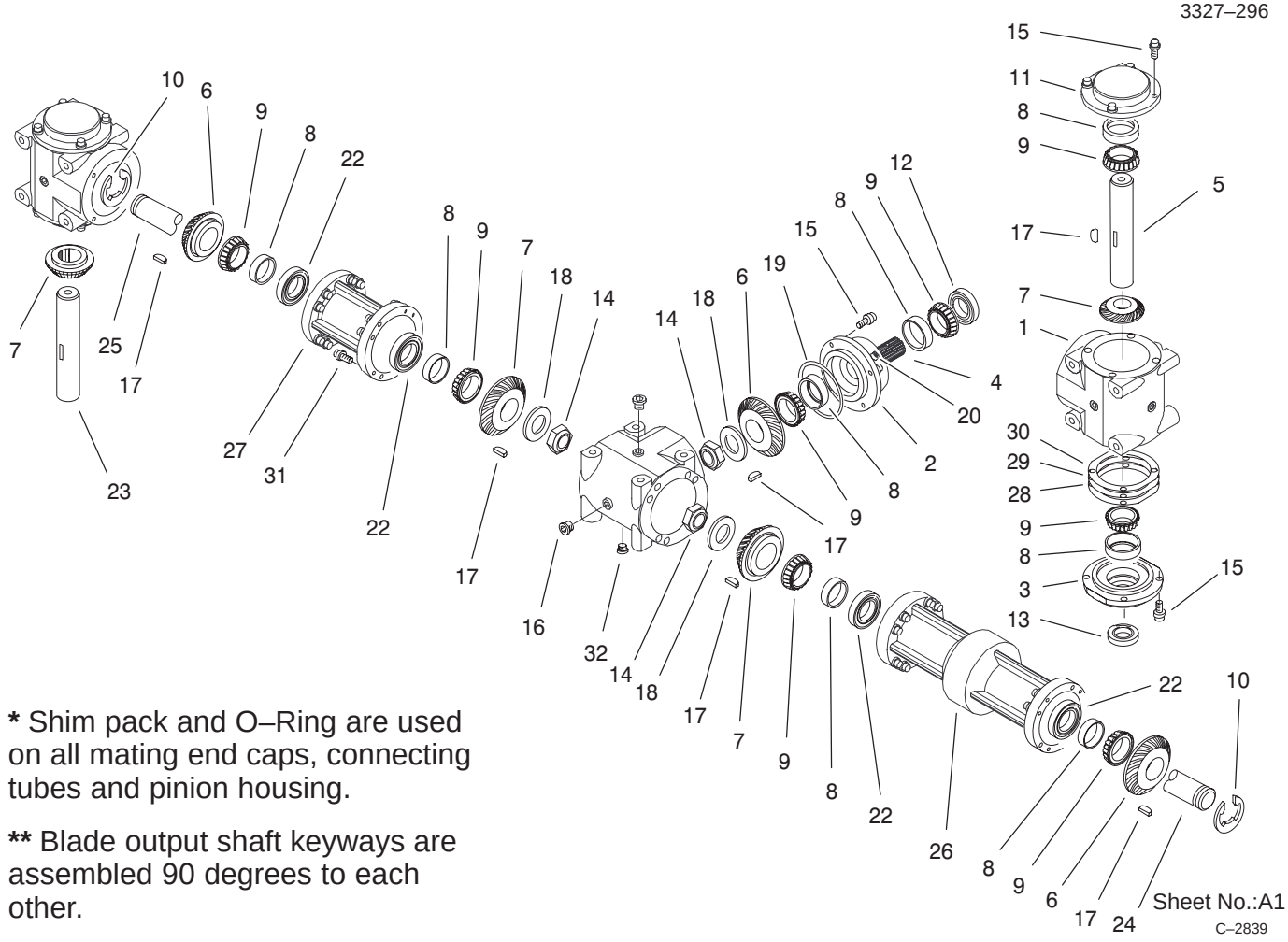


Gearbox Kit Assembly

Ref. No.	Part No.	Qty.	Description
☆1		1	Gearbox ASM
2	104–0356	8	Screw – HSH
3	100–2400	8	Washer – Hard
4	32121–48	1	Pin–Spring
5	100–5809	1	Decal – Transmission Fluid (only on: 105–6172)
5	105–9350	1	Decal – Gearbox Lube, Ofz (only on: 105–6178)
6	104–2444	1	Bolt–Blade, LH Thread

Ref. No.	Part No.	Qty.	Description

☆ Not serviced separately



***** Shim pack and O–Ring are used on all mating end caps, connecting tubes and pinion housing.

****** Blade output shaft keyways are assembled 90 degrees to each other.

Gearbox Assembly

Ref. No.	Part No.	Qty.	Description
1	100–4564	3	Case
2	100–4565	1	Housing – Pinion
3	100–4566	2	Cap – End, Open
4	100–4567	1	Shaft – Input, Splined
5	105–6134	1	Shaft – Cross, A/D
6	100–4569	3	Gear – 27 Tooth
7	100–4570	4	Gear – 29 Tooth
8	100–4571	10	Bearing–Cup
9	100–4572	10	Bearing–Cone
10	100–4573	2	Clip–Retaining
11	100–4574	2	Cap – End, Closed
12	100–4575	1	Seal
13	100–4576	2	Seal
14	100–4577	3	8ut – Jam
15	100–4578	20	Screw
16	100–4579	8	Plug
17	100–4580	7	Key–Woodruff
18	100–4581	3	Washer
19	100–4582	9	O–Ring
20	100–4583	1	Plug
22	100–4585	4	Seal
23	105–6133	1	Shaft – Cross, B/C
24	100–4587	1	Shaft – Connecting, Long
25	100–4588	1	Shaft – Connecting, Short

Ref. No.	Part No.	Qty.	Description
26	100–4589	1	Flange – Connecting, Long
27	100–4590	1	Flange – Connecting, Short
28	100–4591	1	Shim – Brown
29	100–4592	1	Shim – Blue
30	100–4593	1	Shim – Green
31	100–4594	32	Screw
32	100–4595	1	Plug–Magnetic


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