Form No. 3324–960

TORO®

8 and 11 Blade 4 Bolt Cutting Unit

for Greensmaster® 3200 Series

Model No. 04480—200001201 and Up

Model No. 04481—200001201 and Up

Parts Catalog

PROTOTYPE

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.

© The TORO Company — 2000
All Rights Reserved

Contents

Description	Page
Reel Assembly	3
Roller Assembly	4

Accessories

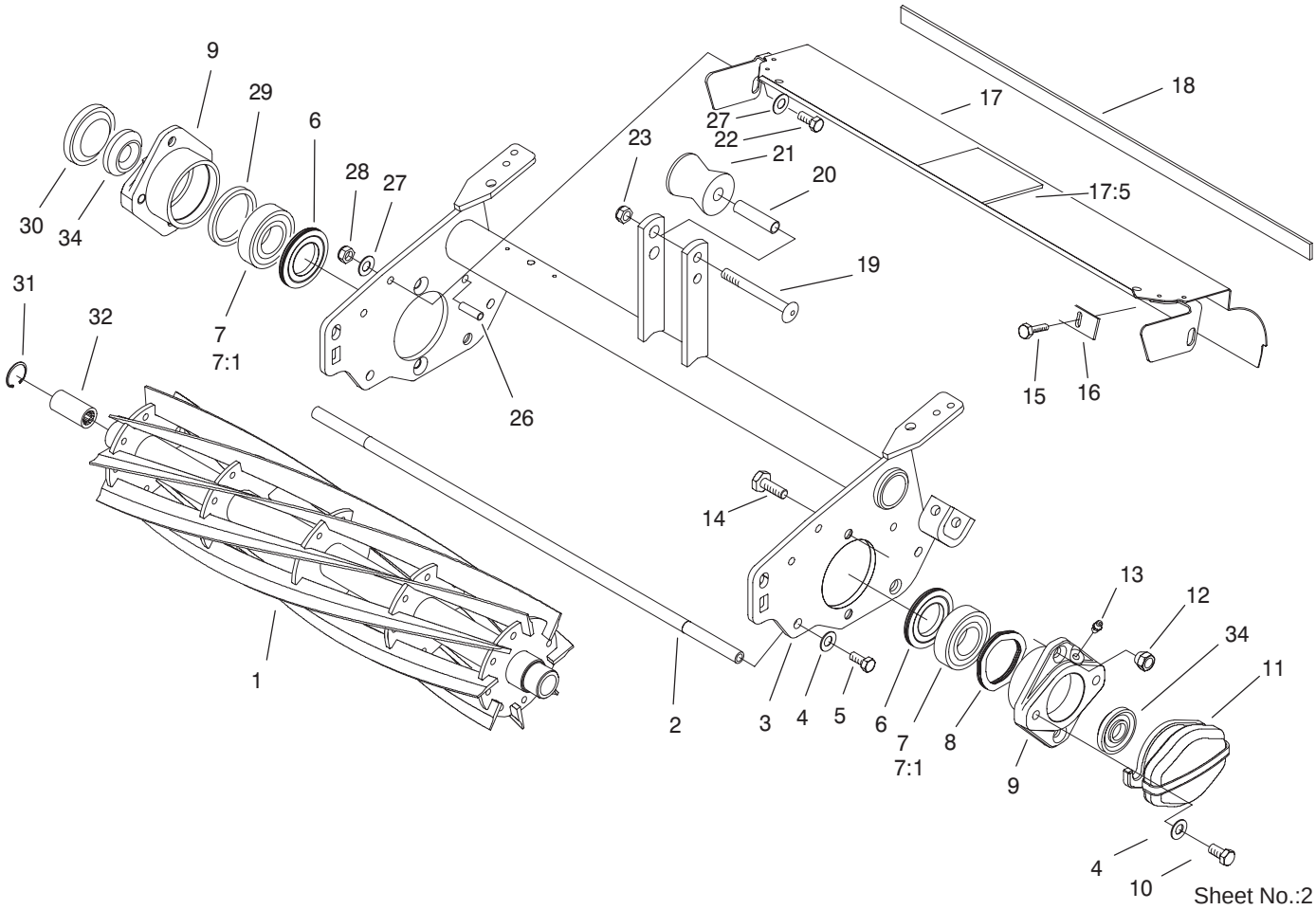
Description	Model / Part No.
11 Blade Reel Assembly (only on: 04480)	94–8037
8 Blade Reel Assembly (only on: 04481)	94–8039
8 Blade Reel Heavy Duty Assembly	98–2182
5 Blade Reel Heavy Duty Assembly	98–2181
Front Roller Scraper/Brush	95–1625
High Height–of–Cut Kit	99–1496
Rear Roller Scraper Kit	95–1600
Front Roller	04486
Groomer Kit	04490
Rear Roller	04488
Rear Roller Brush Kit (for units without groomers)	04489
Rear Roller Brush Kit (for units with groomers installed)	04491

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

PROTOTYPE



Sheet No.:2

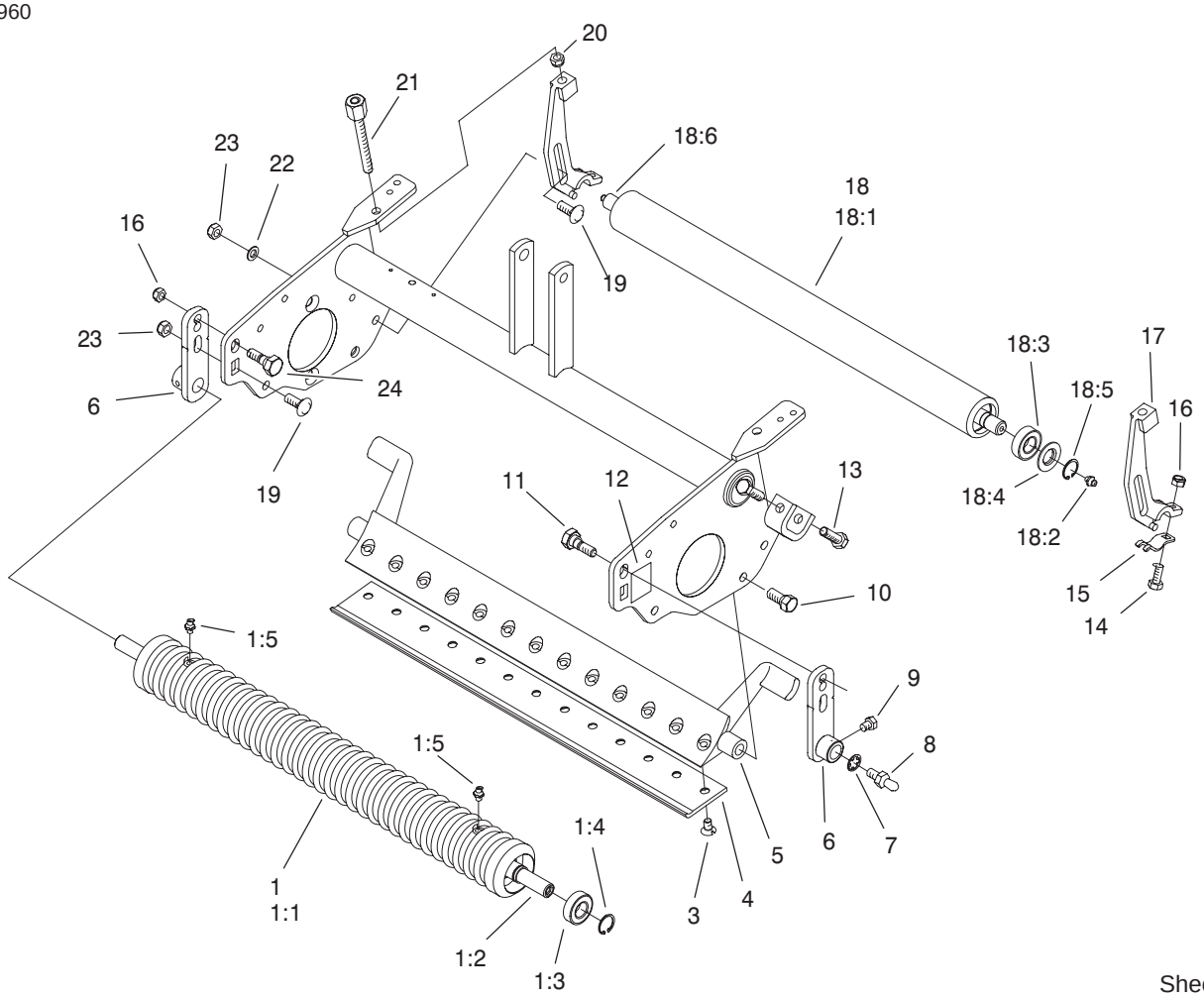
Reel Assembly

Ref. No.	Part No.	Qty.	Description
1	94–8039	1	8 Blade Reel ASM (only on: 04480)
*1	94–8037	1	11 Blade Reel ASM (only on: 04481)
2	98–2196	1	Rod – Shield
3	95–1635–01	1	Reel Frame ASM
4	3256–24	4	Washer–Flat
5	33115–020	2	Screw–HH
6	94–8908	2	Seal – Grease
7		2	Bearing, Packed w/Grease
7:1	93–2489	1	Bearing
8	94–4543	1	Spring–Wire, Flat
9	94–4545	2	Housing–Bearing
10	93–2569	4	Screw–HHF
11	95–1642–01	1	Weight – Counter
12	93–2454	4	Nut – Tapered, Lock
13	302–5	2	Fitting – Grease
14	95–0745	4	Screw – Tapered
15	104–2065	5	Screw–HWH
16	36–7260	1	Bar–Off, Cut
17	99–4197	1	Rear Shield ASM
17:5	99–1456	1	Pad–Unit, Cutting
18	95–1636	1	Strip – Seal
19	104–2092	1	Screw–HSBH
20	93–2464	1	Spacer – Roller

Ref. No.	Part No.	Qty.	Description
21	93–2463	1	Roller – Lift
22	33114–020	2	Screw–HH
23	33025–00	1	Nut–Lock
26	32121–123	2	Pin–Roll
27	3256–74	4	Washer–Flat
28	33024–00	2	Nut–Lock
29	94–4544	1	Spacer
30	2410–30	1	Cap–Plastic
31	32120–37	1	Ring–Retaining
32	94–4507	1	Coupler – Splined
34	104–2067	2	Spacer–End, Motor

PROTOTYPE

* Not illustrated



Sheet No.:3

Roller Assembly

Ref. No.	Part No.	Qty.	Description
1	99–4211	1	Front Roller ASM
1:1	99–4147	1	Roller–Wiehle
1:2	93–2470	1	Shaft – Roller
1:3	93–2559	2	Bearing – Ball
1:4	93–2525	2	Ring – Retaining
1:5	302–5	2	Fitting – Grease
3	57–4910	13	Screw
*4	63–8600	1	Bedknife
*4	93–4262	1	Bedknife – Micro
4	93–4263	1	Bedknife – Tournament
*4	93–4264	1	Bedknife – 1/8 Cut
*4	94–6392	1	Bedknife–High Cut
5	93–2576–01	1	Bedbar
6	94–8170	2	Bracket – Front
7	3254–6	2	Washer–Lock, Int.
8	94–2958	2	Stud–Ball
9	33113–012	2	Screw–HH
10	217–74	2	Bolt–Wheel
11	95–1618	1	Bolt–Shoulder
12	94–8169	2	Decal–Position, Bracket
13	33114–030	4	Screw–HH
14	33114–020	2	Screw–HH
15	99–8168	2	Collar–HOC
16	33024–00	4	Nut–Lock

Ref. No.	Part No.	Qty.	Description
17	95–1638	2	Bracket–Rear, HOC Adj
18	95–2910	1	Roller ASM
18:1	95–2913	1	Roller Tube ASM
18:2	302–5	2	Fitting – Grease
18:3	85–9970	2	Bearing
18:4	85–7190	2	Washer – Shield
18:5	32151–12	2	Ring–Retaining
18:6	95–2912	1	Shaft – Roller
19	33125–025	4	Screw–CARR
20	3296–5	2	Nut–Lock, NI
21	95–1633	2	HOC Adjust ASM
22	3256–46	2	Washer–Flat
23	33025–00	4	Nut–Lock
24	95–1617	1	Bolt–eccentric

PROTOTYPE

* Not illustrated

Maintenance Record

Date								

PROTOTYPE

Maintenance Record

Date								

PROTOTYPE

Maintenance Record

Date								

PROTOTYPE



PROTOTYPE