FORM NO. 3318–920

TORO®

Z Master

52” Side Discharge & Recycler Decks

Model No. 78461 – 790001 & Up
Model No. 78462 – 790001 & Up

Parts Catalog

ORDERING REPLACEMENT PARTS

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

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Note:

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
HFW	hex flange washer
HH	hex head
HHF	hex head flange
HHST	hex head self tapping
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
PH	pan head
PPH	Phillips pan head
PTO	power take off
RH	right hand
SFH	slotted fillister head
SH	square head
SHWH	slotted hex washer head
SPH	slotted pan head
STD	standard
TAP	self tapping
TH	truss head
TTH	Torx truss head
WH	wing head

Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

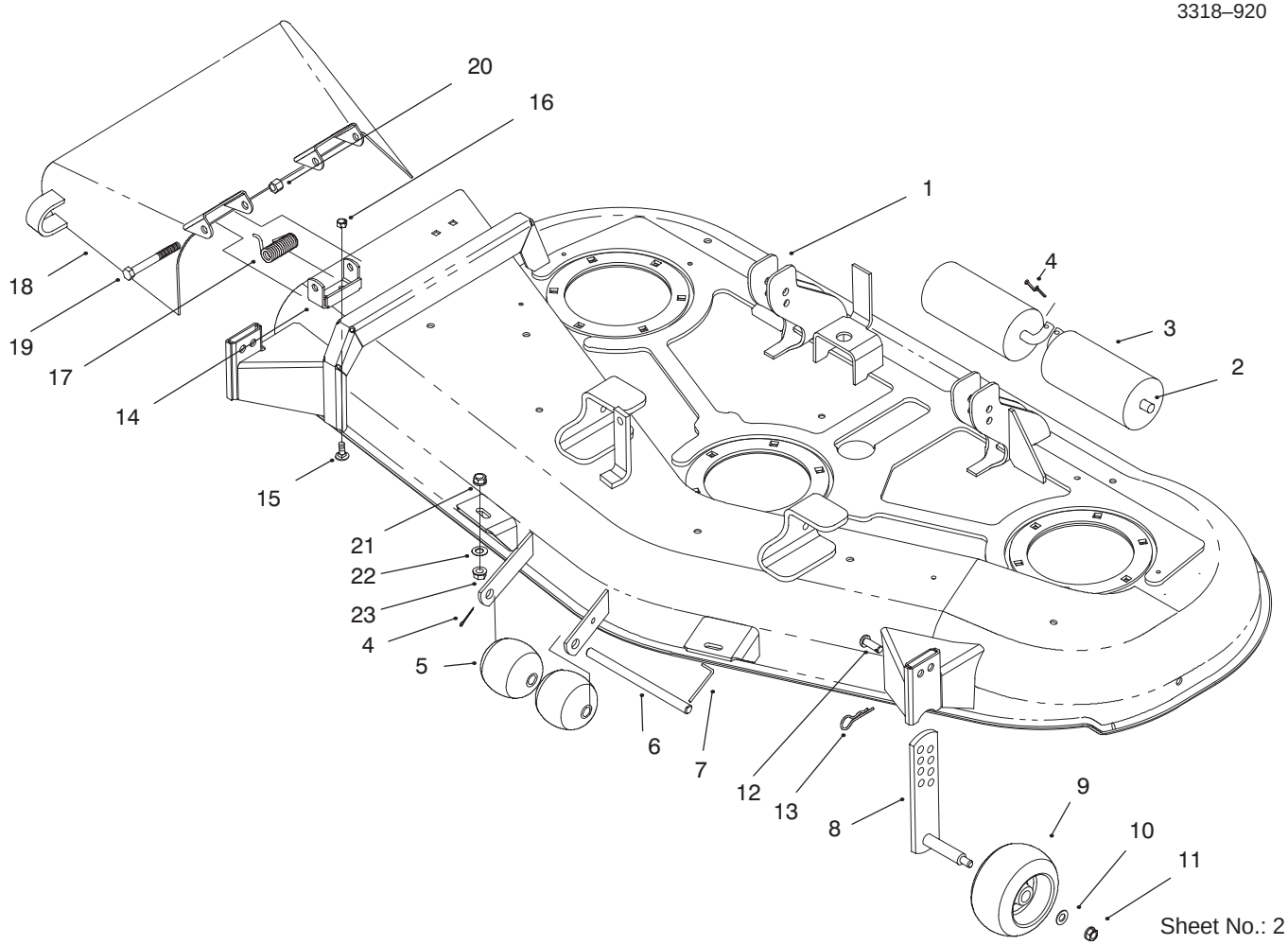
Service Assemblies

Parts within service assemblies have reference numbers in the form *X:Y*. *X* is the reference number of the service assembly and *Y* is 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 part lists and as callouts in illustrations.

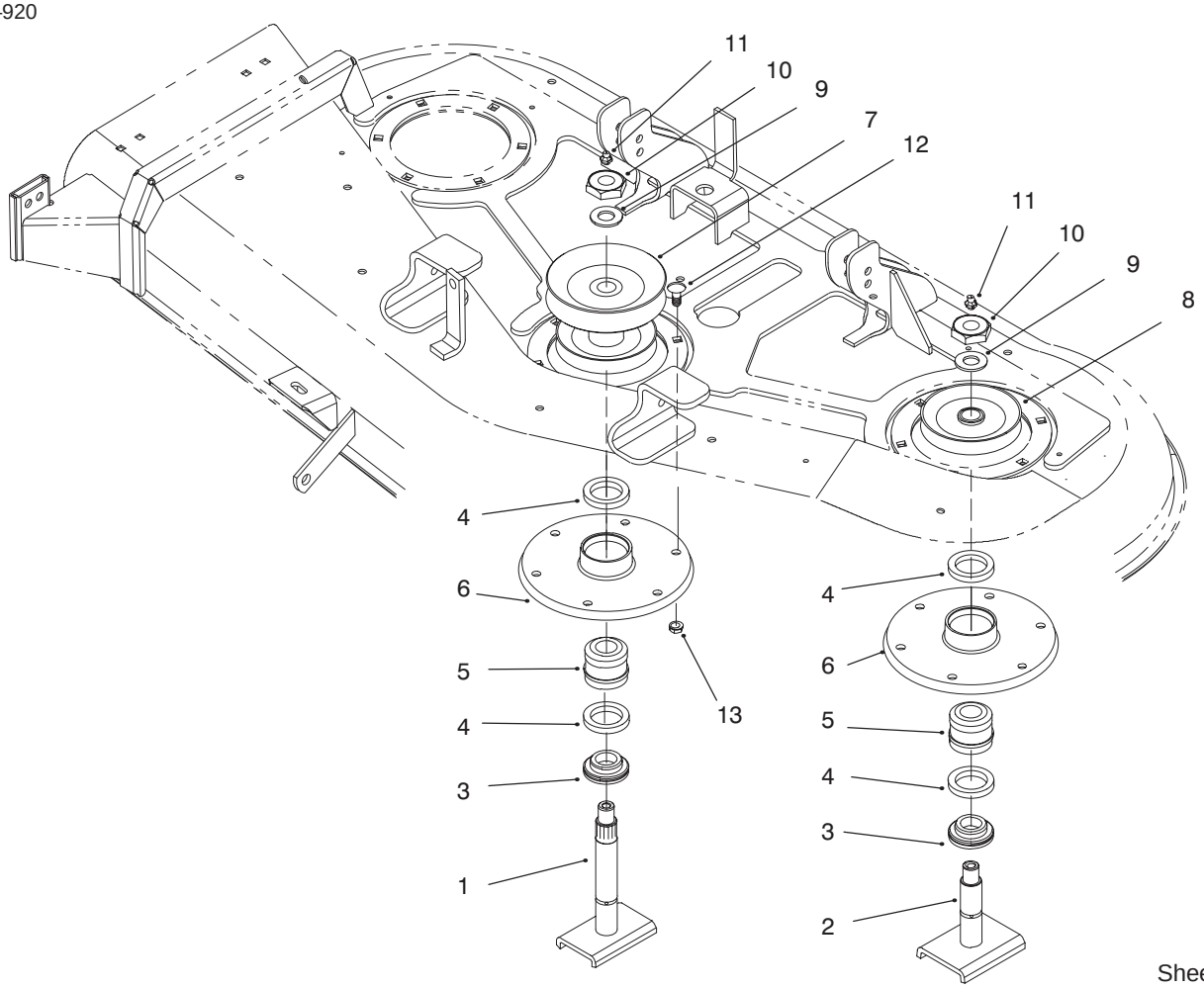
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Deck Asm

Ref. No.	Part No.	Qty.	Description
1	94–6277	1	52’ Deck ASM
2	40–0340	2	Shaft–Roller
3	36–1740	2	Roller–Deck
4	3272–11	3	Pin–Cotter
5	29–4820	2	Roller
6	40–6400	1	Shaft–Roller
7	57–0690	1	Pin–Cotter
8	68–2350	2	Plate–Gage Wheel
9	68–2730	2	Wheel–Gage
10	3256–24	2	Washer–Flat
11	3296–39	2	Nut–Lock
12	283–2	2	Pin–Clevis
13	3290–467	2	Pin–Cotter
14	29–5590	2	Bracket–Pivot
15	3230–18	4	Screw–CARR
16	32152–1	4	Nut–Lock
17	40–6230	2	Spring–Torsion
18	94–6278	1	Deflector Decal ASM
19	3211–15	2	Screw–Cap
20	3296–5	2	Nut–Lock
21	3296–39	2	Nut–Lock
22	3256–24	2	Washer–Flat
23	32128–43	2	Nut–Flange

Ref. No.	Part No.	Qty.	Description

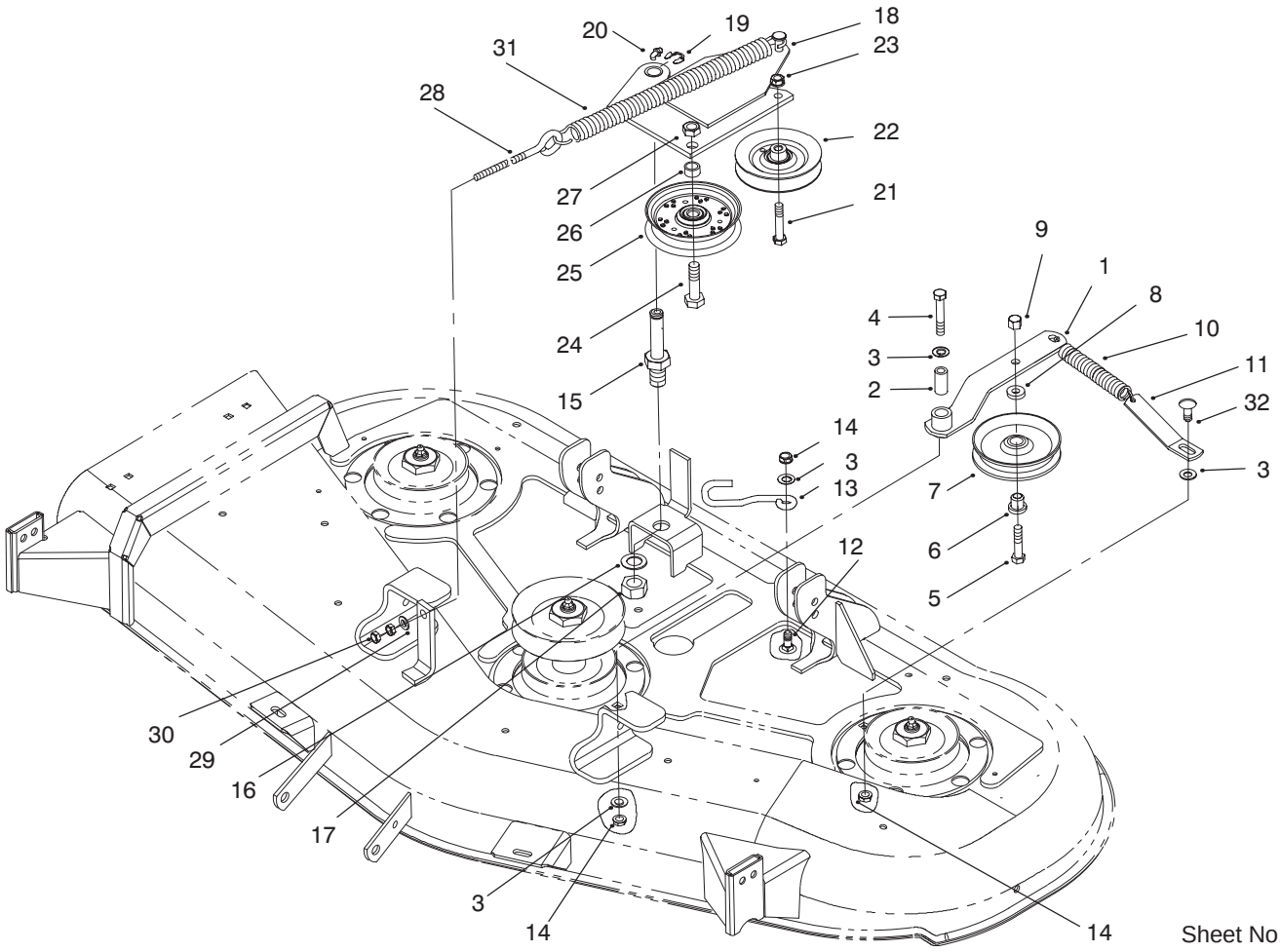


Sheet No.: 3

Spindle Asm

Ref. No.	Part No.	Qty.	Description
1	51–3551	1	ASM–Housing
2	27–0920	2	Spindle Hsg Asm
3	27–0950	3	Spacer–Bearing Order (3)
4	253–139	6	Seal–Oil
5	46–8530	3	Bearing ASM Order (3)
6	61–4160	3	Spindle–52”
7	94–6194	1	Pulley & Hub ASM
8	27–0970	2	Pulley & Hub ASM
9	7–4150	3	Washer
10	32146–20	3	Nut–Lock
11	302–2	3	Fitting–Grease
12	3231–22	16	Bolt–CARR
13	32128–21	16	Nut–HF

Ref. No.	Part No.	Qty.	Description

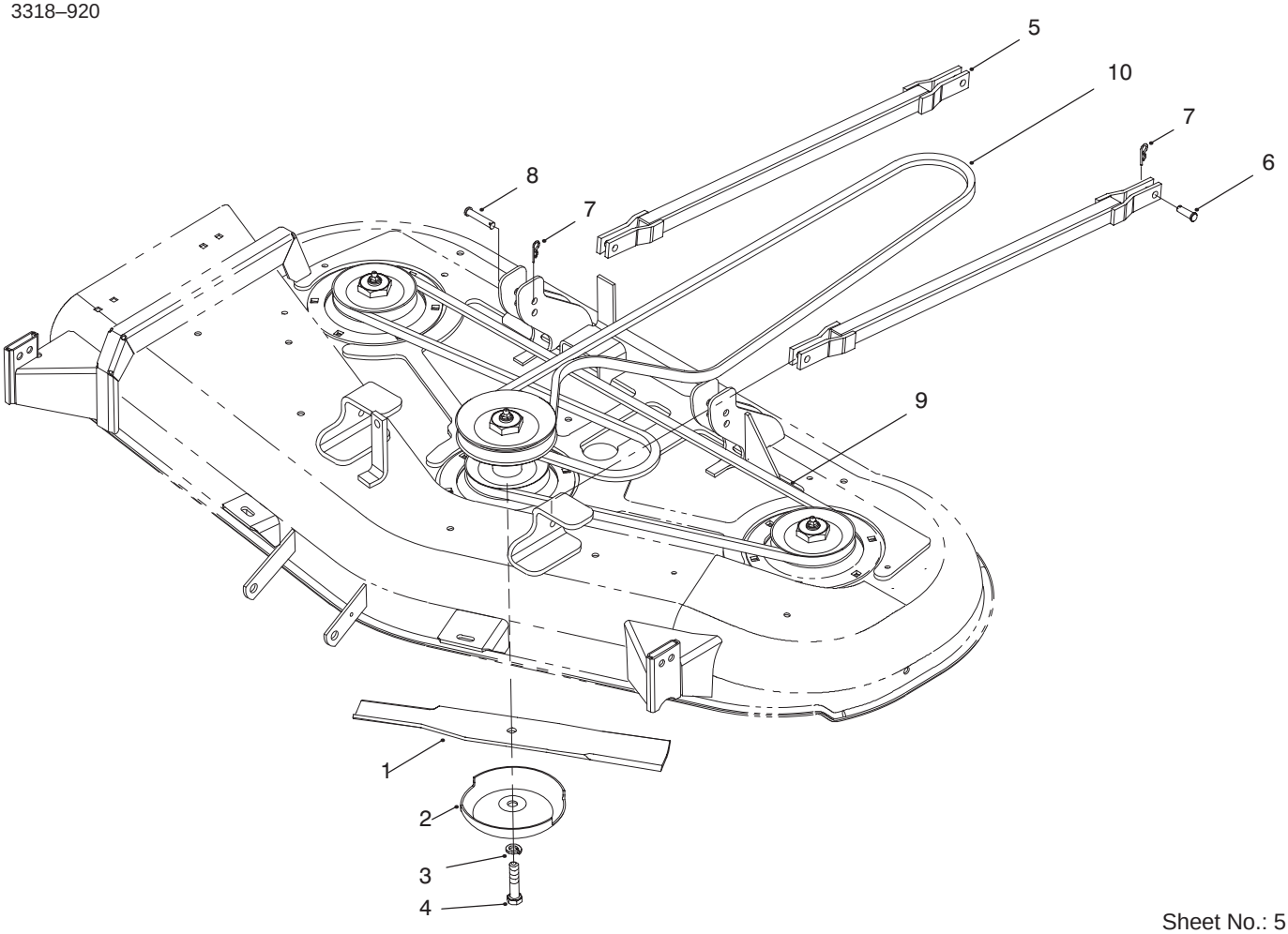


Sheet No.: 4

Idler And Pulley Asm

Ref. No.	Part No.	Qty.	Description
1	55–7640	1	Arm–Idler
2	51–3640	1	Sleeve–Pivot
3	3256–24	4	Washer–Flat
4	323–11	1	Screw
5	3211–8	1	Screw–HH
6	65–5950	1	Bushing–Pulley
7	65–5940	1	Pulley–Idler
8	7–0081	1	Washer–Special
9	3296–5	1	Nut–Lock
10	51–3650	1	Spring–Idler
11	55–7650	1	Plate–Spring
12	3231–22	1	Bolt–CARR
13	55–7620	1	Guide–Belt
14	32128–21	3	Nut–HF
15	94–6193	1	Shaft–Pivot
16	67–9410	1	Washer–Flat
17	3296–50	1	Nut–Hex Lock
18	94–6217	1	Idler Plate ASM
19	105005	1	Ring–Retaining
20	302–40	1	Fitting–Grease
21	323–10	1	Screw–HH
22	94–6218	1	Pulley–Idler
23	3296–39	1	Nut–Lock
24	325–8	1	Screw–HH
25	113633	1	Pulley–Flat
26	9118	1	Spacer

Ref. No.	Part No.	Qty.	Description
27	3296–23	1	Nut–Lock
28	79–3120	1	Bolt–Eye
29	3256–23	1	Washer–Flat
30	3217–6	2	Nut–Hex
31	114868	1	Spring–Idler
32	3231–25	1	Bolt–CARR

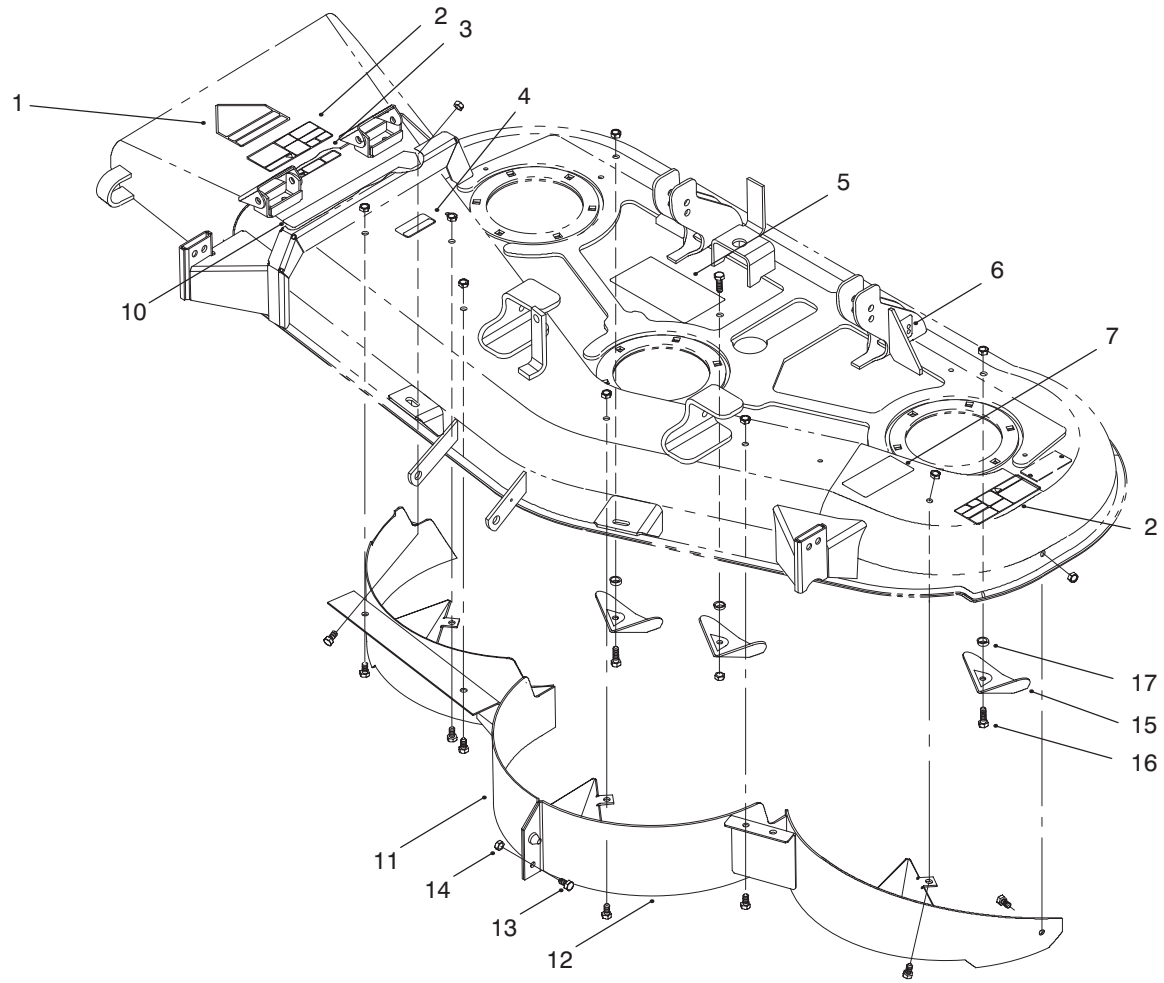


Sheet No.: 5

Belt, Blade And Lift Arm Asm

Ref. No.	Part No.	Qty.	Description
1	27–0990	3	Blade–18” 78461 Only
1	92–7961	3	Blade–18” 78462 Only
2	72–9361	3	Anti–Scalp Cup on 78461 Only
3	3253–27	3	Washer–Lock
4	44–2200	3	Bolt–Blade
5	113635	2	Bar–Stabilizer
6	9329644	4	Pin–Clevis
7	112444	6	Cotter–Hairpin
8	9329674	2	Pin–Clevis
9	27–1160	1	Belt–Deck Drive
10	94–6144	1	Belt–52” Deck

Ref. No.	Part No.	Qty.	Description



Sheet No.: 6

Decals, Baffle's & Kicker's

Ref. No.	Part No.	Qty.	Description
1	93–1122	1	Decal–Danger
2	92–7108	2	Decal–Danger
3	92–7109	1	Decal–Danger
4	94–6225	1	Decal–Safety
5	94–6281	1	Decal–Belt Installation
6	94–6271	2	Decal–HOC
7	68–3380	1	Decal–Wheel Adjustment
10	94–4943	1	Decal–Deck (Only On: 78462)
11	94–2504	1	Baffle–Right (Only On: 78462)
12	94–2505	1	Baffle–Left (Only On: 78462)
13	322–2	9	Screw–HH (Only On: 78462)
14	3296–29	12	Nut–Lock (Only On: 78462)
15	84–5760	3	Plate–Kicker (Only On: 78462)
16	322–5	3	Screw–HH (Only On: 78462)
17	59–4310	3	Spacer (Only On: 78462)

Ref. No.	Part No.	Qty.	Description

Toro Part Number Index

Part No.	Page No.	Ref. No.	Qty.	Description
9118	3	26	1	Spacer
105005	3	19	1	Ring–Retaining
112444	4	7	6	Cotter–Hairpin
113633	3	25	1	Pulley– Flat
114868	3	31	1	Spring–Idler
9329644	4	6	4	Pin–Clevis
9329674	4	8	2	Pin–Clevis
7–0081	3	8	1	Washer–Special
7–4150	2	9	3	Washer
27–0920	2	2	1	Shaft–Spindle
27–0950	2	3	3	Spacer–Bearing
27–0970	2	8	1	Pulley & Hub ASM
27–0990	4	1	3	Blade–18” Only on 78461
29–4820	1	5	2	Roller
29–5590	1	14	2	Bracket–Pivot
36–1740	1	3	2	Roller–Deck
40–0340	1	2	2	Shaft–Roller
40–6230	1	17	2	Spring–Torsion
40–6400	1	6	1	Shaft–Roller
44–2200	4	4	3	Bolt–Blade
46–8530	2	5	3	Bearing ASM
51–3551	2	1	1	Spindle
51–3640	3	2	1	Sleeve–Pivot
51–3650	3	10	1	Spring–Idler
55–7620	3	13	1	Guide–Belt
55–7640	3	1	1	Arm–Idler
55–7650	3	11	1	Plate–Spring
57–0690	1	7	1	Pin–Cotter
59–4310	5	17	3	Spacer (Only On: 78462)
61–4160	2	6	3	Spindle–52”
65–5940	3	7	1	Pulley–Idler
65–5950	3	6	1	Bushing–Pulley
67–9410	3	16	1	Washer–Flat
68–2350	1	8	2	Plate–Gage Wheel
68–2730	1	9	2	Wheel–Gage
68–3380	5	7	1	Decal–Wheel Adjustment
72–9361	4	2	3	Anti–Scalp Cup 78461 Only
79–3120	3	28	1	Bolt–Eye
84–5760	5	15	3	Plate–Kicker (Only On: 78462)
92–7108	5	2	2	Decal–Danger
92–7109	5	3	1	Decal–Danger
92–7961	4	1	3	Blade–18” Only on 78462
27–1160	4	9	1	Belt–Deck Drive
93–1122	5	1	1	Decal–Danger
94–2504	5	11	1	Baffle–Right (Only On: 78462)
94–2505	5	12	1	Baffle–Left (Only On: 78462)
94–4943	5	10	1	Decal–Deck (Only On: 78462)
94–6144	4	10	1	Belt–52” Deck
94–6193	3	15	1	Shaft–Pivot
94–6194	2	7	1	Pulley & Hub ASM
94–6217	3	18	1	Idler Plate ASM
94–6218	3	22	1	Pulley–Idler
94–6225	5	4	1	Decal–Safety
94–6271	5	6	2	Decal–HOC
94–6277	1	1	1	52’ Deck ASM
94–6278	1	18	1	Deflector Decal ASM
94–6281	5	5	1	Decal–Belt Installation
113635	4	5	2	Bar–Stabilizer
253–139	2	4	6	Seal–Oil
283–2	1	12	2	Pin–Clevis
302–2	2	11	3	Fitting–Grease
302–40	3	20	1	Fitting–Grease

*Not Illustrated

Toro Part Number Index (cont.)

Part No.	Page No.	Ref. No.	Qty.	Description
322–2	5	13	9	Screw–HH (Only On: 78462)
322–5	5	16	3	Screw–HH (Only On: 78462)
323–10	3	21	1	Screw–HH
323–11	3	4	1	Screw
325–8	3	24	1	Screw–HH
3211–8	3	5	1	Screw–HH
3211–15	1	19	2	Screw–Cap
3217–6	3	30	2	Nut–Hex
3230–18	1	15	4	Screw–CARR
3231–22	2	12	16	Bolt–CARR
3231–22	3	12	1	Bolt–CARR
3231–25	3	32	1	Bolt–CARR
3253–27	4	3	3	Washer–Lock
3256–23	3	29	1	Washer–Flat
3256–24	1	10	2	Washer–Flat
3256–24	1	22	2	Washer–Flat
3256–24	3	3	4	Washer–Flat
3272–11	1	4	3	Pin–Cotter
3290–467	1	13	2	Pin–Cotter
3296–5	1	20	2	Nut–Lock
3296–5	3	9	1	Nut–Lock
3296–23	3	27	1	Nut–Lock
3296–29	5	14	12	Nut–Lock (Only On: 78462)
3296–39	1	11	2	Nut–Lock
3296–39	1	21	2	Nut–Lock
3296–39	3	23	1	Nut–Lock
3296–50	3	17	1	Nut–Hex Lock
32128–21	2	13	16	Nut–HF
32128–21	3	14	3	Nut–HF
32128–43	1	23	2	Nut–Flange
32146–20	2	10	3	Nut–Lock
32152–1	1	16	4	Nut–Lock

*Not Illustrated

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								

MAINTENANCE RECORD

Date								