Form No. 3327–612

TORO®

Bagger

Z Master® 200 Series

Model No. 78491—220000001 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.

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Contents

Description	Page
Door Assembly	3
Frame Assembly	4
Front Hopper Assembly Exhaust Tube Asm.	5
Top Scroll, Fan and Shaft Assembly	6
Dump Arm Assembly	7
Drive Assembly	8
Weight Assembly	9

Accessories

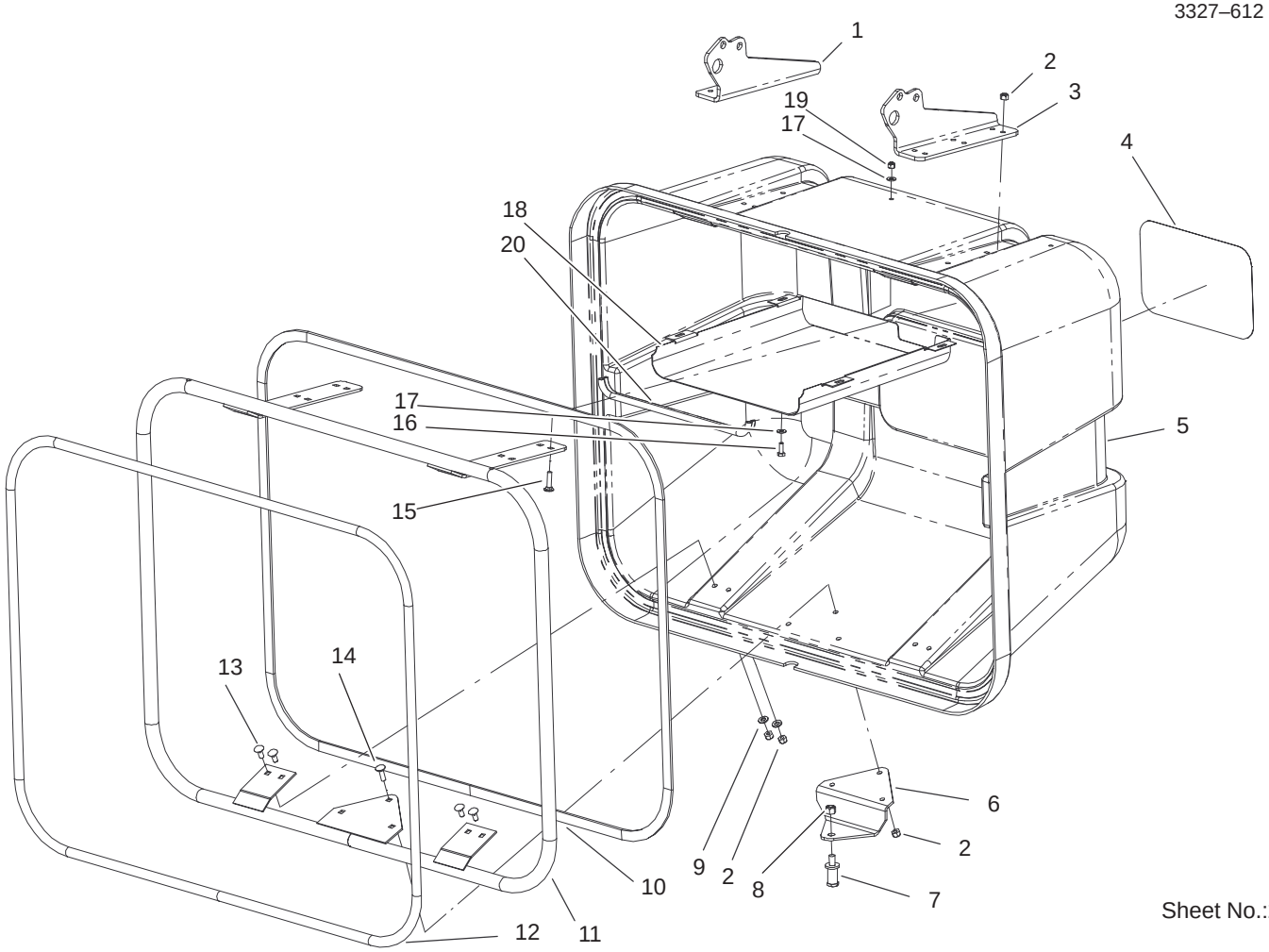
Description	Model / Part No.
Top Weight	105–9741–01

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
HYD	hydraulic
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



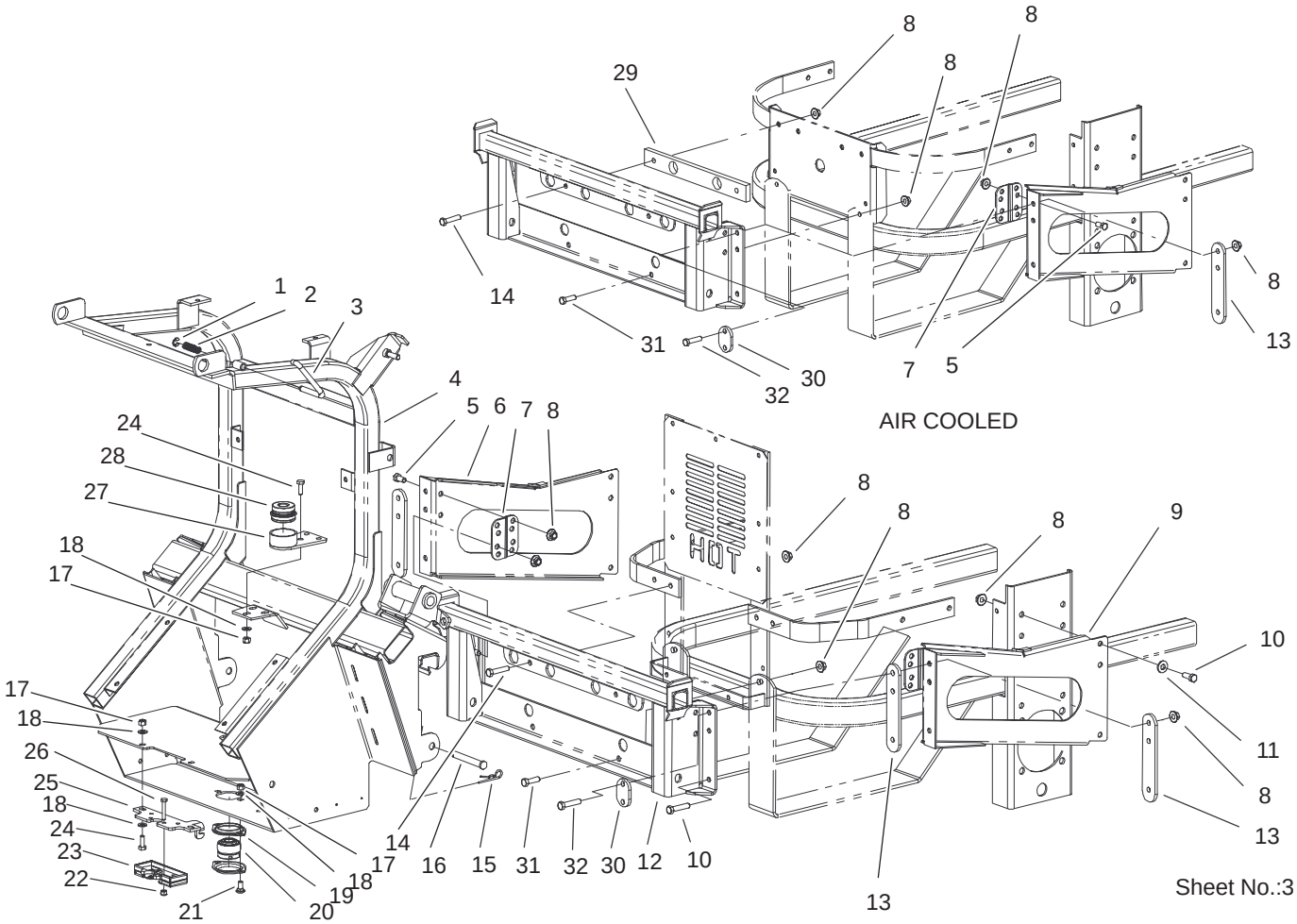
Sheet No.:2

Door Assembly

Ref. No.	Part No.	Qty.	Description
1	105–8204–03	1	Bracket–Hinge, RH
2	3296–29	19	Nut–Lock, NI
3	105–8205–03	1	Bracket–Hinge, LH
4	67–7310	1	Decal–Toro
5	105–5504	1	Door–200 Series
6	105–8238–03	1	Bracket–Latch, Door
7	105–9664	1	Bolt–Striker
8	3296–48	1	Nut–Lock NI
9	3256–23	4	Washer–Flat
10	105–8198	1	Seal–Hopper
11	105–5555–03	1	Large Door Frame ASM
12	105–8199	1	Seal–Hopper, Round
13	3230–1	4	Screw–CARR
14	3230–2	3	Screw–CARR
15	3230–3	12	Screw–CARR
16	321–4	4	Screw–HH
17	3256–22	8	Washer–Flat
18	106–3309–03	1	Rear Screen ASM
19	3296–42	4	Nut–Lock, NI
20	106–3319	1	Seal–Trim

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

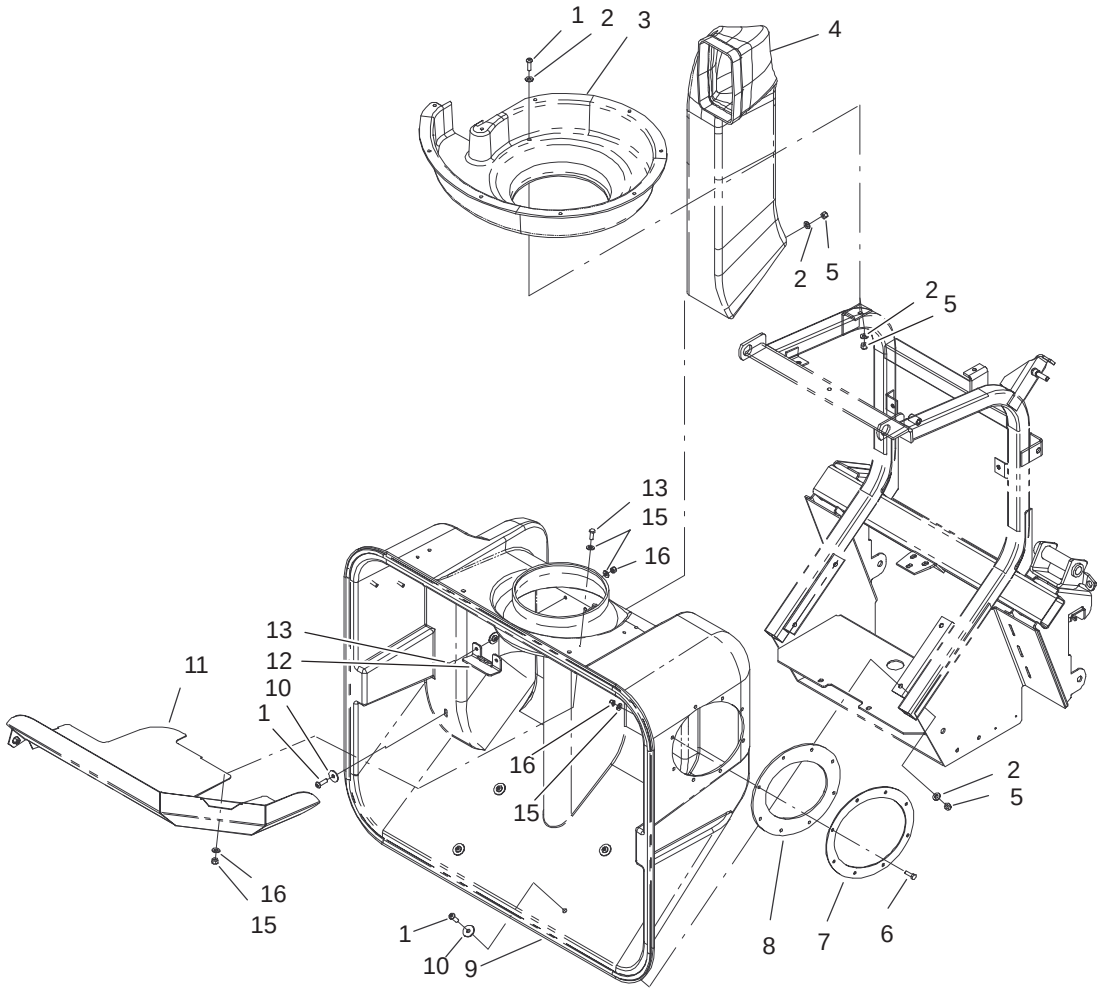


Frame Assembly

Ref. No.	Part No.	Qty.	Description
1	32151–101	1	E–Ring
2	105–9715	1	Spring
3	105–5574	1	Hook
4	105–8200–03	1	Frame ASM
5	323–4	8	Screw–HH
6	106–3302–03	1	LH Frame Bracket ASM
7	105–9748–03	2	Bracket–Stiffener
8	32128–19	24	Nut–HF
9	106–3301–03	1	RH Frame Bracket ASM
10	323–6	6	Screw–HH
11	98–5975	6	Washer–Belleville
12	105–9719–03	1	Bagger Mount ASM
13	105–9744–03	4	Spacer–Frame
14	323–9	2	Screw–HH
15	1–806005	2	Pin–Hair
16	283–69	2	Pin–Clevis
17	3296–29	7	Nut–Lock, NI
18	3256–23	9	Washer–Flat
19	105–9714	2	Flange–Bearing
20	105–9669	1	Bearing–Spherical
21	3230–1	2	Screw–CARR
22	3296–42	4	Nut–Lock, NI
23	105–9663	1	Latch–Rotor
24	322–4	5	Screw–HH

Ref. No.	Part No.	Qty.	Description
25	105–8237	1	Bracket–Latch
26	321–9	4	Screw–HH
27	105–9697–03	1	Bearing Flange ASM
28	105–9670	1	Bearing–Cylindrical
29	105–9730–03	1	Spacer–Frame, Bagger
30	106–3320–03	2	Spacer–Frame, Short
31	323–7	4	Screw–HH
32	323–8	4	Screw–HH

PROTOTYPE



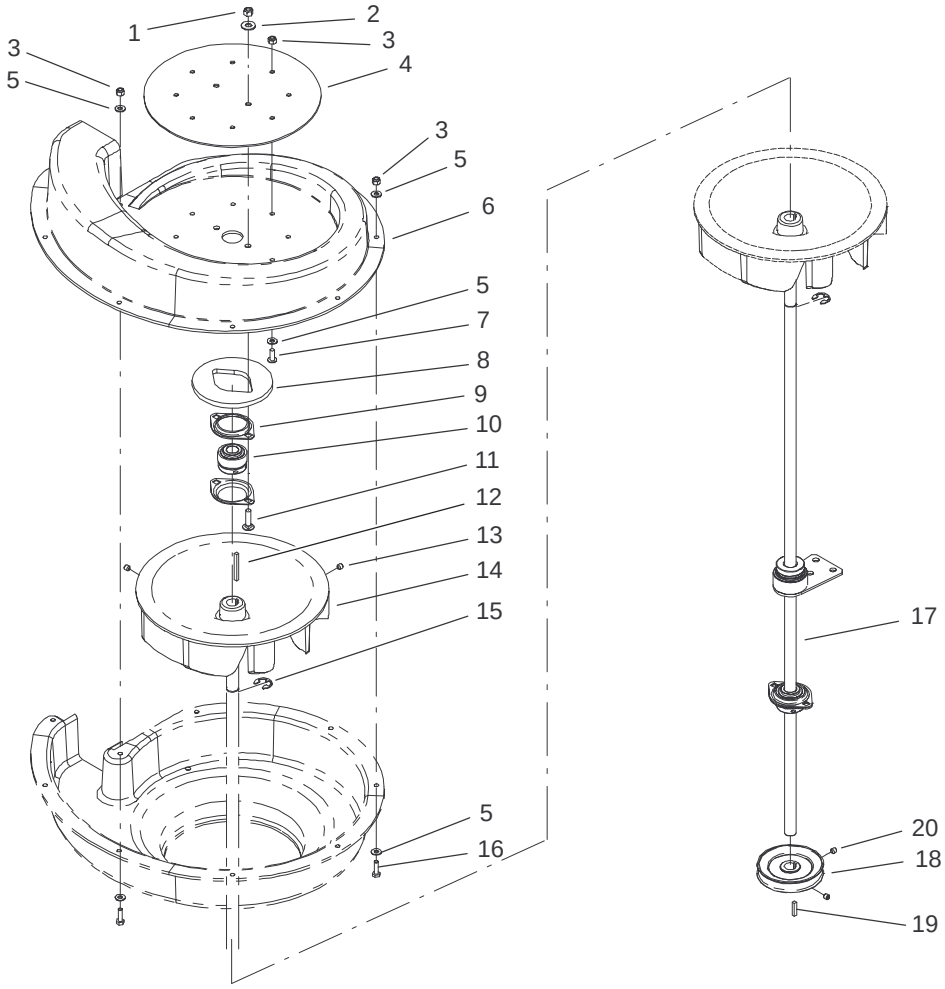
Sheet No.:4

Front Hopper Assembly and Exhaust Tube Assembly

Ref. No.	Part No.	Qty.	Description
1	3274–104	13	Screw–HSBH
2	3256–23	16	Washer–Flat
3	105–8164	1	Scroll–Bottom
4	105–5530	1	Tube–Exhaust
5	3296–29	13	Nut–Lock, NI
6	321–5	8	Screw–HH
7	105–9681–03	1	Plate–Seal
8	105–9733	1	Seal–Rubber
9	105–5507	1	Hopper–Front
10	3256–82	10	Washer–Flat
11	106–3307–03	1	Screen ASM
12	105–9738–03	2	Bracket–Screen, Lower
13	321–4	7	Screw–HH
15	3256–22	18	Washer–Flat
16	3296–42	15	Nut–Lock, NI

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



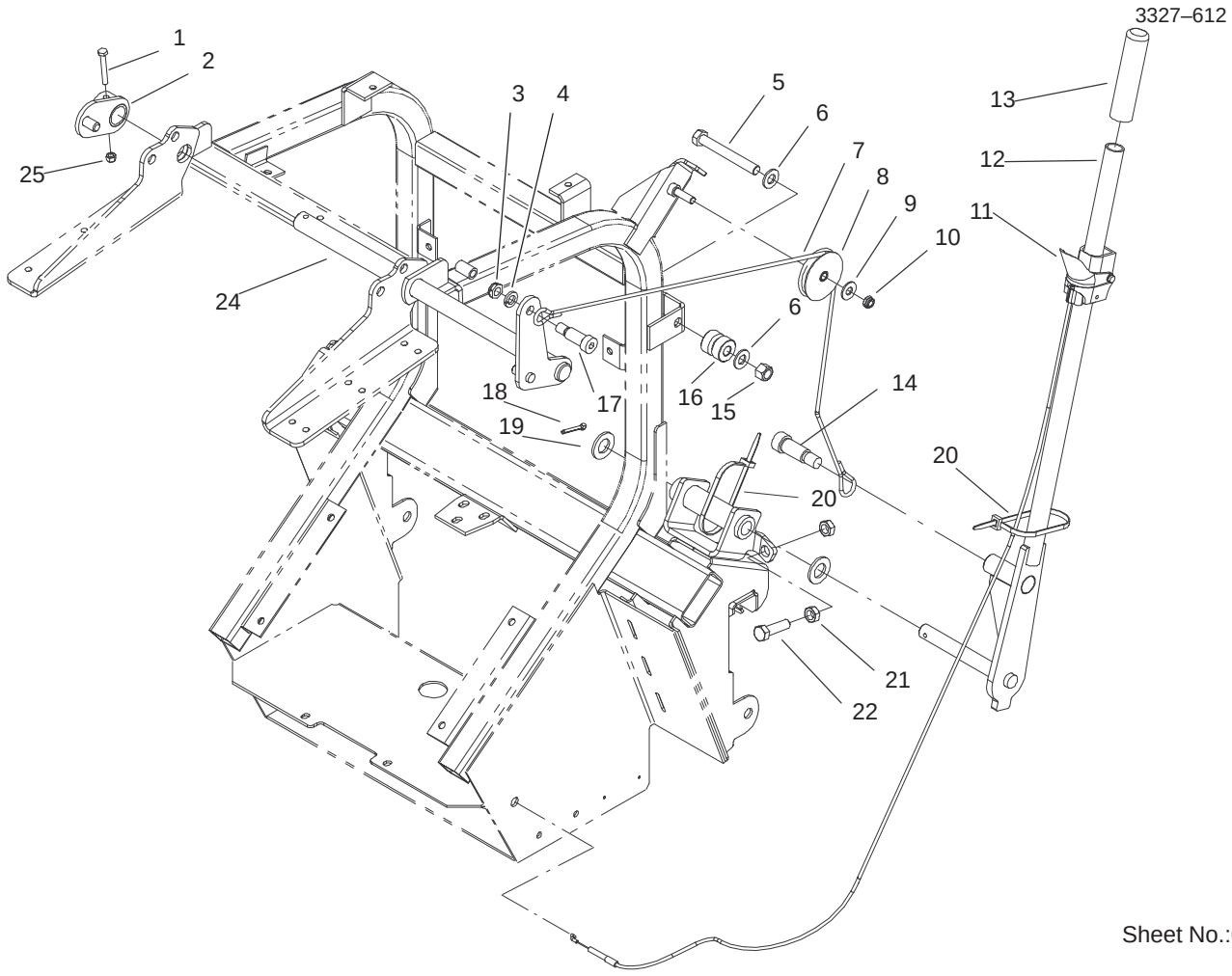
Sheet No.:5

Top Scroll, Fan and Shaft Assembly

Ref. No.	Part No.	Qty.	Description
1	3296–29	2	Nut–Lock, NI
2	3256–3	2	Washer–Flat
3	3296–42	17	Nut–Lock, NI
4	105–8166–03	1	Cover–Scroll
5	3256–22	26	Washer–Flat
6	105–8163	1	Scroll–Top
7	9114604	8	Screw–Head, Truss
8	105–9680	1	Plate–Spacer
9	105–9714	2	Flange–Bearing
10	105–9669	1	Bearing–Spherical
11	3230–3	2	Screw–CARR
12	105–9716	1	Key–Square
13	3246–4	2	Screw–Set
14	98–9140	1	Fan
15	32151–48	1	E–Ring
16	321–5	9	Screw–HH
17	105–8190	1	Shaft–Fan
18	105–9723	1	Pulley–Fan, A Sect
19	5–1077	1	Key–Square
20	3242–2	2	Screw–SQH

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



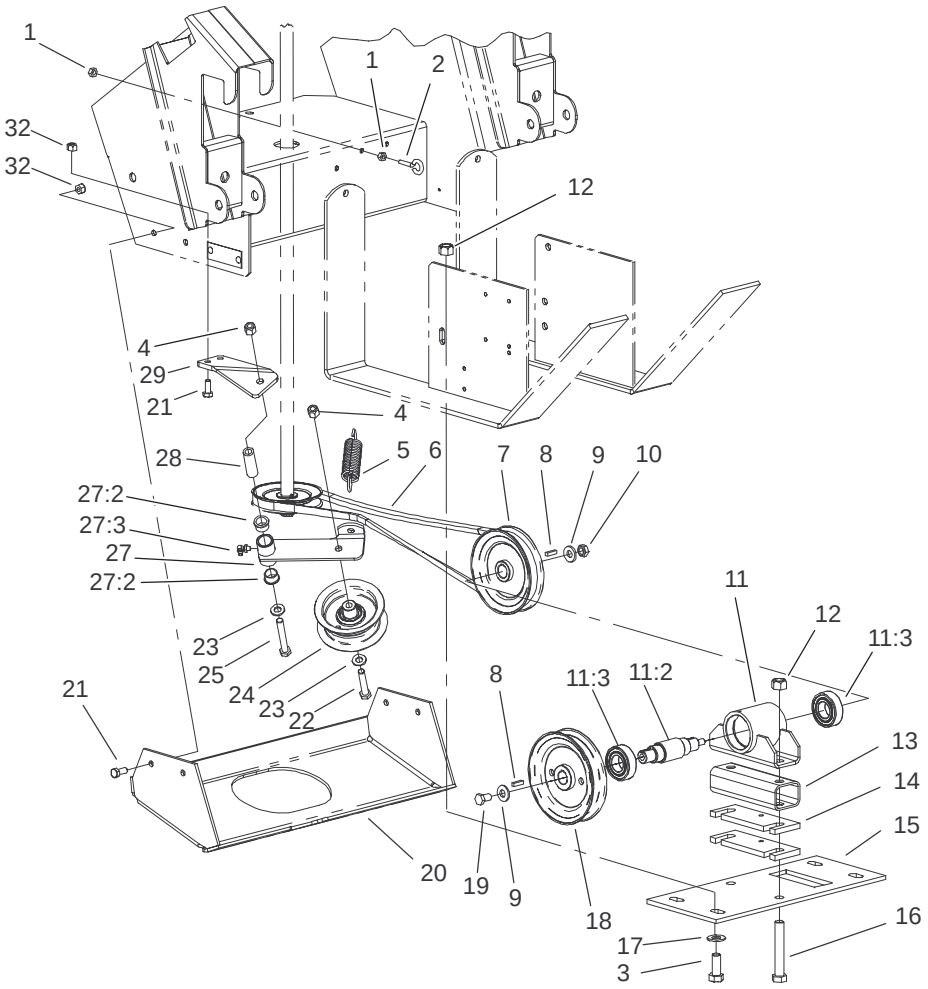
Sheet No.:6

Dump Arm Assembly

Ref. No.	Part No.	Qty.	Description
1	321–11	1	Screw–HH
2	105–8218–03	1	Short Linkage ASM
3	3296–45	1	Nut–Lock, NI
4	3253–7	1	Washer–Lock
5	325–17	1	Screw–HH
6	3256–26	2	Washer–Flat
7	105–9674	1	Cable–Door
8	5–2653	1	Pulley ASM
9	3256–4	1	Washer–Flat
10	3296–59	1	Nut–Lock, NI
11	105–8186	1	Cable–Dump, Latch
12	105–8217–03	1	Dump Arm ASM
13	104–9838	1	Grip–Foam
14	105–9668	1	Screw–Shoulder
15	3296–23	1	Nut–Lock, NI
16	105–9675	1	Roller–Cable
17	105–9667	1	Screw–Shoulder
18	3272–22	1	Pin–Cotter
19	3256–28	2	Washer–Flat
20	3290–378	2	Tie–Cable
21	3218–5	2	Nut–Jam
22	325–7	1	Screw–HH
24	105–8219–03	1	Long Linkage ASM
25	3296–42	1	Nut–Lock, NI

Ref. No.	Part No.	Qty.	Description

PROTOTYPE



Sheet No.:7

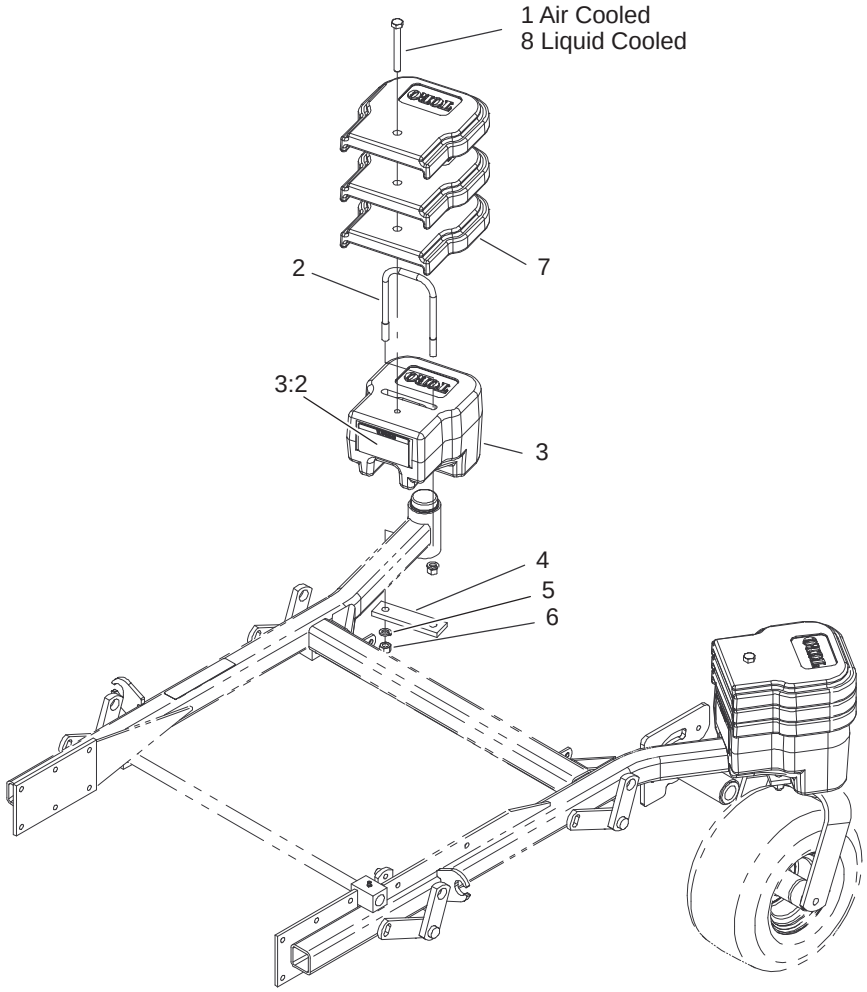
Drive Assembly

Ref. No.	Part No.	Qty.	Description
1	3217–5	2	Nut–Hex
2	71–2870	1	Bolt–Eye
3	325–5	4	Screw–HH
4	3296–39	2	Nut–Lock, NI
5	1–603402	1	Spring–Extension
6	105–9710	1	V–Belt
7	105–9734	1	Pulley–Driven, A Sect
8	10–8040	2	Key–Square
9	98–5975	2	Washer–Belleville
10	3217–22	1	Nut–Hex
11	105–9732	1	Housing ASM
11:2	105–9684	1	Shaft–Driven Pulley
11:3	104–6325	2	Bearing
12	3296–23	6	Nut–Lock, NI
13	105–9689–03	1	Spacer–Pillow Block, Tubular
14	105–9691–03	2	Spacer–Pillow Block
15	105–9688–03	1	Plate–Support, Pillow
16	325–13	2	Screw–HH
17	3256–26	4	Washer–Flat
18	105–9685	1	Pulley–Driven
19	323–34	1	Screw–HH
20	105–8236–03	1	Plate–Skid
21	322–3	6	Screw–HH
22	323–10	1	Screw–HH
23	3256–24	2	Washer–Flat

Ref. No.	Part No.	Qty.	Description
24	88–5630	1	Idler,Flat
25	323–13	1	Screw–HH
27	105–8225	1	Idler Arm ASM W/Bushings
27:2	109859	2	Bushing
27:3	302–60	1	Fitting–Grease
28	79–2760	1	Spacer
29	105–8227–03	1	Bracket–Idler
32	3296–29	6	Nut–Lock, NI
*33	106–3310–03	1	Template–Jack Shaft

PROTOTYPE

* Not illustrated



Sheet No.:8

Weight Assembly

Ref. No.	Part No.	Qty.	Description
1	325–17	2	Screw–HH
2	105–9673	2	U–Bolt
3	106–3342	2	Weight W/Decal
3:2	106–3339	1	Decal–Warning, Counter Weight
4	105–9672–01	2	Plate
5	3253–27	4	Washer–Lock/Sp
6	3217–9	4	Nut–HH
7	105–9741–01	6	Weight–Top, 200
8	325–12	2	Screw–HH

Ref. No.	Part No.	Qty.	Description

PROTOTYPE

Maintenance Record

Date								

PROTOTYPE

Maintenance Record

Date								



PROTOTYPE