Form No. 3382-955 Rev A

TORO®

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Parts Catalog

MM-650E-S Mortar Mixer

Model No. 68012—Serial No. 314000001 and Up

Register at www.Toro.com.
Original Instructions (EN)

3382-955 A

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 illustration and in parts 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.

List of Abbreviations

AR: as required

ASM: assembly

BBC: blade brake control

BHTF: button head thread forming

CARR: carriage

CCW: counter clockwise

CW: clockwise

DEG: degrees

DPA: Dual Point Adjustment

ECM: electronic control module

EXT: external

FH: flat head

GA: gauge

HD: heavy-duty

HF: hex flange

HH: hex head

HHF: hex head flange

HHFTF: hex head flange thread forming

HJ: hex jam

HLH: hex lag head

HOC: height-of-cut

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

LH: left hand

LP: Liquefied Petroleum Gas

LPG: Liquefied Petroleum Gas

NI: nylon insert

NPTF: national pipe thread fine

PFH: phillips flat head

PPH: phillips pan head

PPHTF: phillips pan head thread forming

PRH: phillips round head

PTH: phillips truss head

PTO: power-take-off

RH: right hand

ROPS: roll-over protection system

RRB: rear roller brush

SFH: slotted fillister head

SHH: slotted hex head

SHWH: slotted hex washer head

SPH: slotted pan head

SQH: square head

SRH: slotted round head

STD: standard

TAP: self tapping

TTH: torx truss head

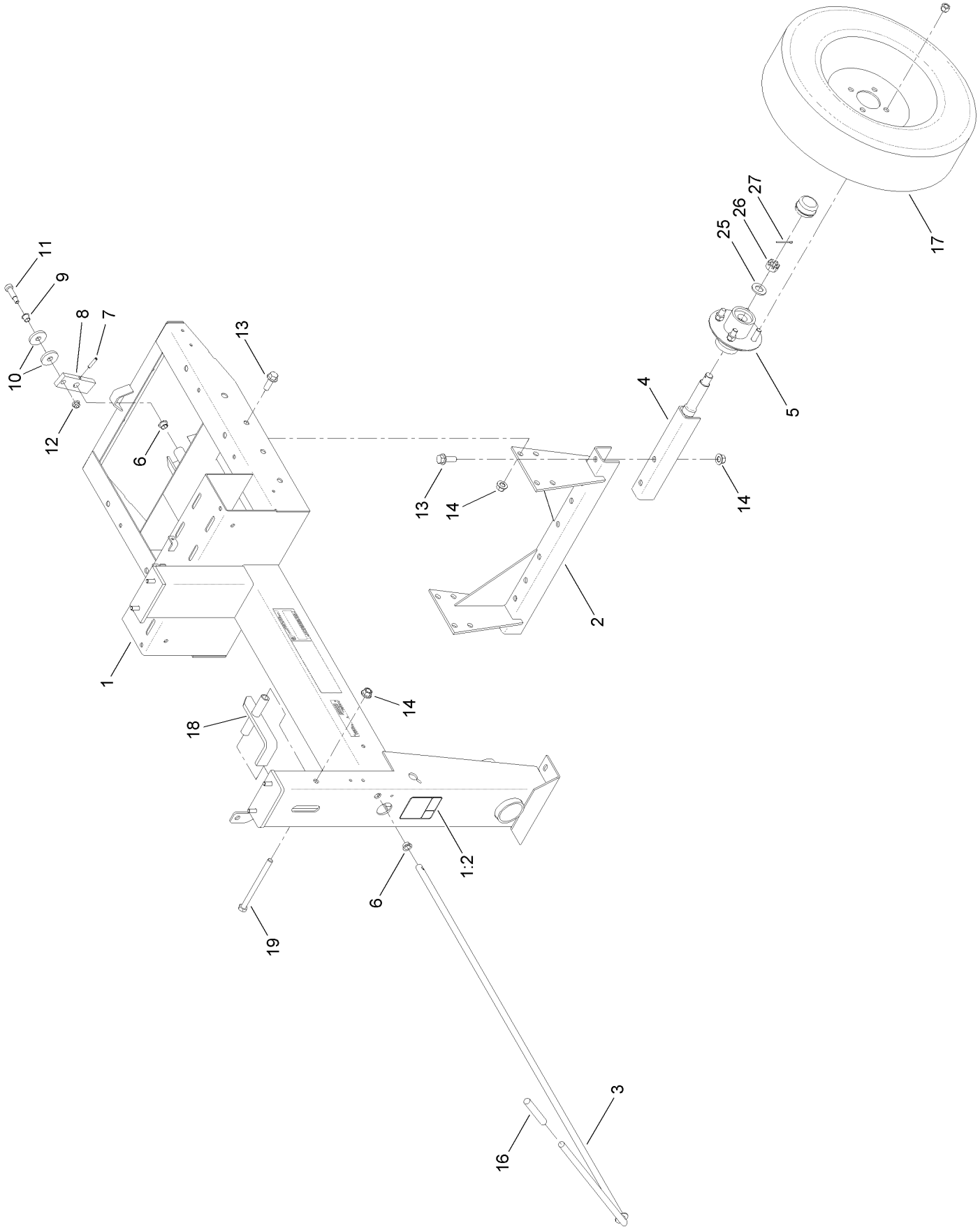
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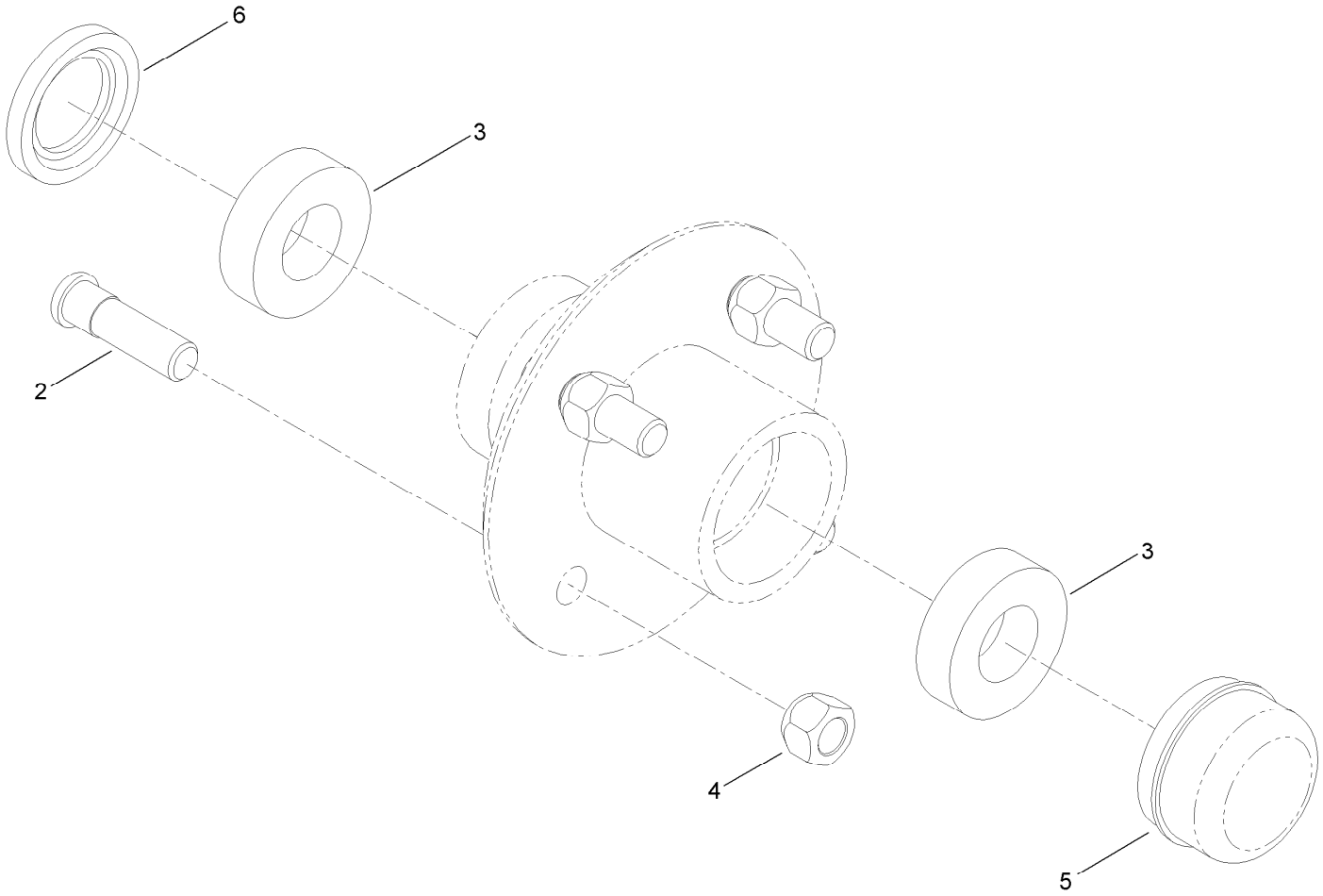
Frame and Axle Assembly



Frame and Axle Assembly (continued)

Ref.	Part Number	Qty.	Description
1	127-1680	1	Frame ASM
1:2	125-8216	1	Decal-Safety Chain, Towing
2	125-8219-03	1	Support-Axle
3	ST39568-03	1	Lever-Clutch
4	ST22512-03	2	Axle-Half
5	125-8171	2	Hub ASM
6	ST32116	2	Bushing-Flange
7	32121-69	1	Pin-Spring
8	ST39446	1	Link-Clutch
9	ST32099	1	Bushing-Flange
10	ST26326	2	Washer-Flat
11	ST81153	1	Screw-HSBH
12	104-8301	1	Nut-Flange, NI
13	100-6116	8	Screw-HHF
14	99-5107	9	Nut-Lock
16	ST34687	1	Grip-Handle
17	ST32306	2	Tire And Rim ASM
18	ST24027-03	1	Latch-Drum
19	325-33	1	Screw-HH
25	3256-28	2	Washer-Flat
26	ST80054	2	Nut
27	3272-13	2	Pin-Cotter

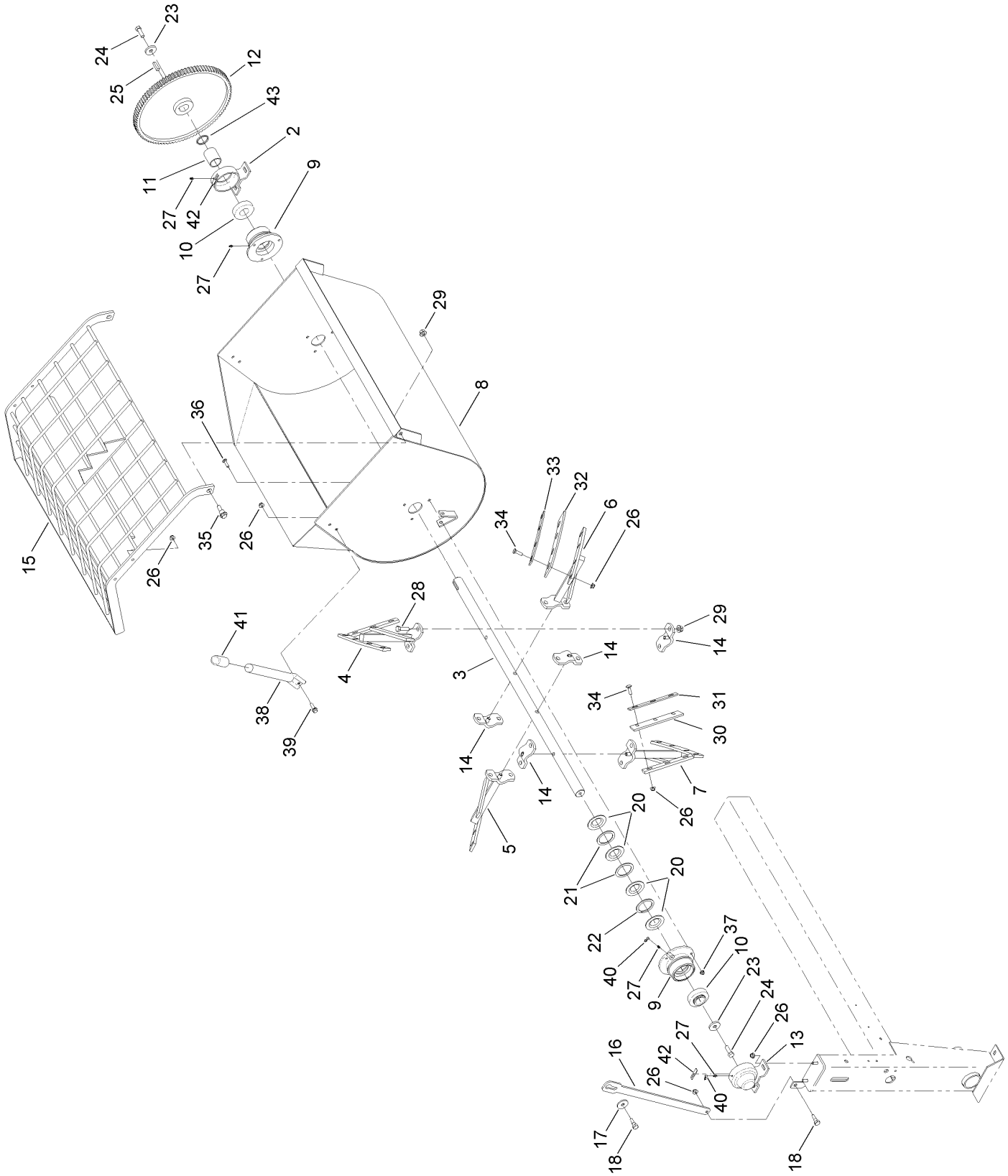
Hub Assembly No. 125-8171



Hub Assembly No. 125-8171 (continued)

Ref.	Part Number	Qty.	Description
2	ST39190	4	Stud-Wheel
3	ST32233	2	Bearing-Roller
4	ST80045	4	Nut-Lug
5	ST34573	1	Cap-Dust
6	ST32052	1	Seal-Hub, Wheel

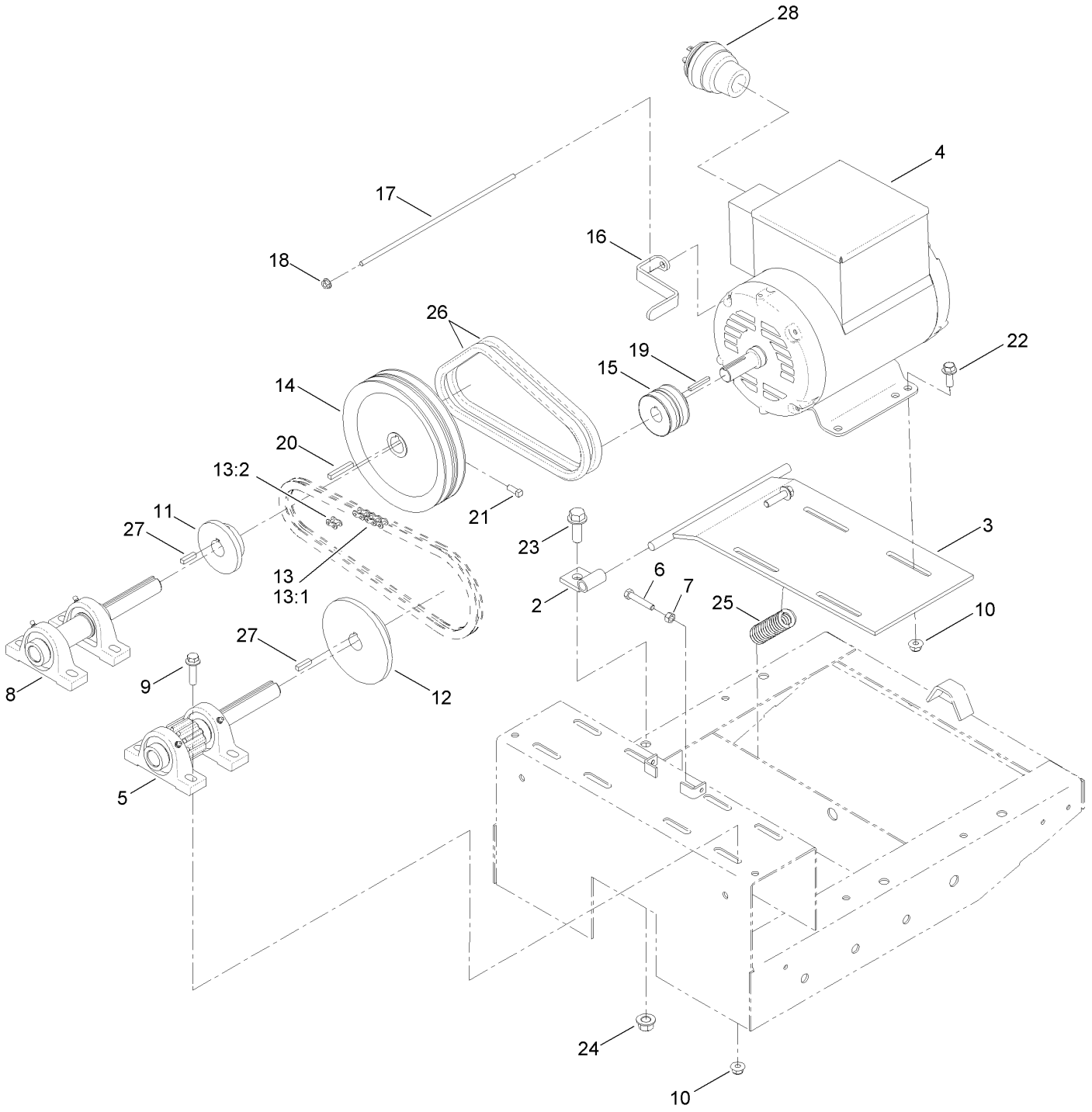
Drum Assembly



Drum Assembly (continued)

Ref.	Part Number	Qty.	Description
2	ST24021-01	1	Trunnion
3	ST24205-01	1	Shaft-Drum
4	ST24219-01	1	Paddle
5	ST24220-01	1	Paddle
6	ST24221-01	1	Paddle
7	ST24222-01	1	Paddle
8	ST25934-01	1	Drum
9	ST32326-01	2	Housing-Bearing
10	ST32003	2	Bearing-Ball
11	ST25909	1	Spacer-Shaft, Drum
12	ST26933-03	1	Gear-94 Teeth
13	ST36574-01	1	Trunnion-Capped
14	ST24107-01	2	Clamp
15	125-6253-01	1	Guard-Drum
16	125-6223-03	1	Bar-Guard, Lift
17	106-2008	1	Washer-Thrust
18	80-1300	2	Bolt-Shoulder
20	ST32324	8	Seal-Drum
21	ST24017	4	Washer-Flat
22	ST25881	2	Washer-Split
23	ST26326	2	Washer-Flat
24	325-6	2	Screw-HH
25	ST81060	1	Key-Square
26	104-8301	30	Nut-Flange, NI
27	ST46042	4	Fitting-Grease
28	325-7	6	Screw-HH
29	99-5107	8	Nut-Lock
30	ST24033	2	Blade-Rubber, Short
31	ST24031-01	2	Bar-Backer, Short
32	ST24106	4	Blade-Rubber, Long
33	ST24104-01	4	Bar-Backer, Long
34	3231-25	22	Bolt-CARR
35	116-0780	2	Screw-HHF, Shoulder
36	3230-3	6	Screw-CARR
37	104-8300	6	Nut-Flange, NI
38	ST44347-01	1	Handle-Dump
39	3234-24	2	Screw-HHF
40	ST47001	4	Cap-Plug
41	ST47023	1	Grip-Hand
42	125-8175	2	Decal-Grease
43	ST44284	1	Spacer-Shaft, Drum

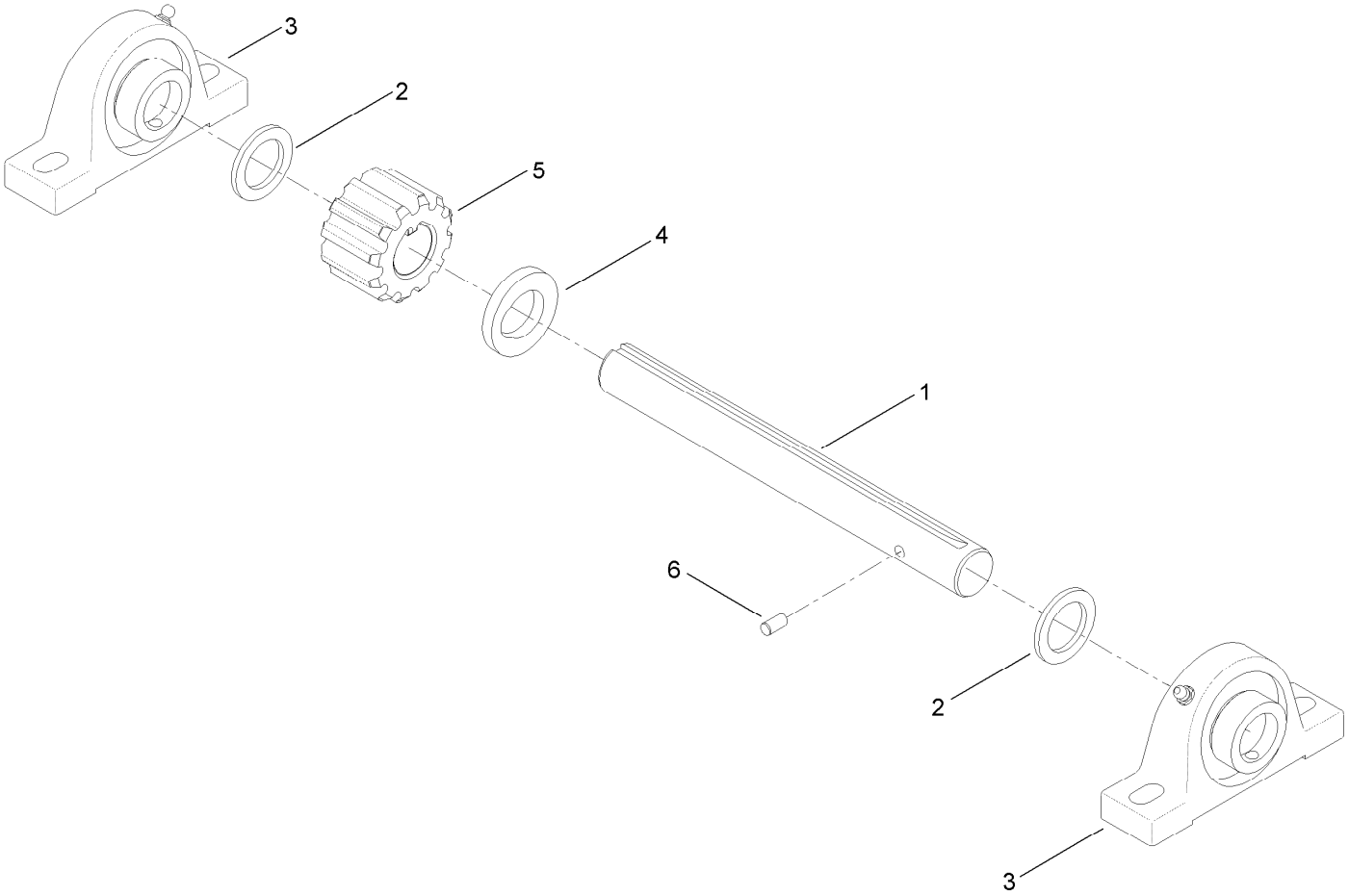
Electric Motor Assembly



Electric Motor Assembly (continued)

Ref.	Part Number	Qty.	Description
2	ST57786-03	2	Mount-Motor
3	ST39567-03	1	Base-Motor
4	125-6254	1	Motor-Electric
5	ST32354	1	Pinion ASM
6	322-41	2	Screw-HH
7	3217-6	2	Nut-Hex
8	ST21300	1	Idler ASM
9	114-4681	8	Screw-HHF
10	104-8301	12	Nut-Flange, NI
11	ST34126	1	Sprocket
12	ST34127	1	Sprocket
13	ST21184	1	Chain Set
13:1	ST34102	3	Chain
13:2	ST34104	1	Link-Connecting, No. 50
14	ST38450	1	Sheave
15	ST38666	1	Sheave
16	ST42446-03	1	Guide-Belt
17	127-2887	1	Rod-Threaded
18	32128-14	1	Nut-HF
19	ST37716	1	Key-Square
20	7-0238	1	Key-Square
21	120-6474	2	Screw-Set, SQH
22	3234-42	4	Screw-HHF
23	100-6116	2	Screw-HHF
24	99-5107	2	Nut-Lock
25	ST34849	1	Spring
26	ST34617	2	Belt-V
27	5-7280	2	Key
28	127-1678	1	Plug

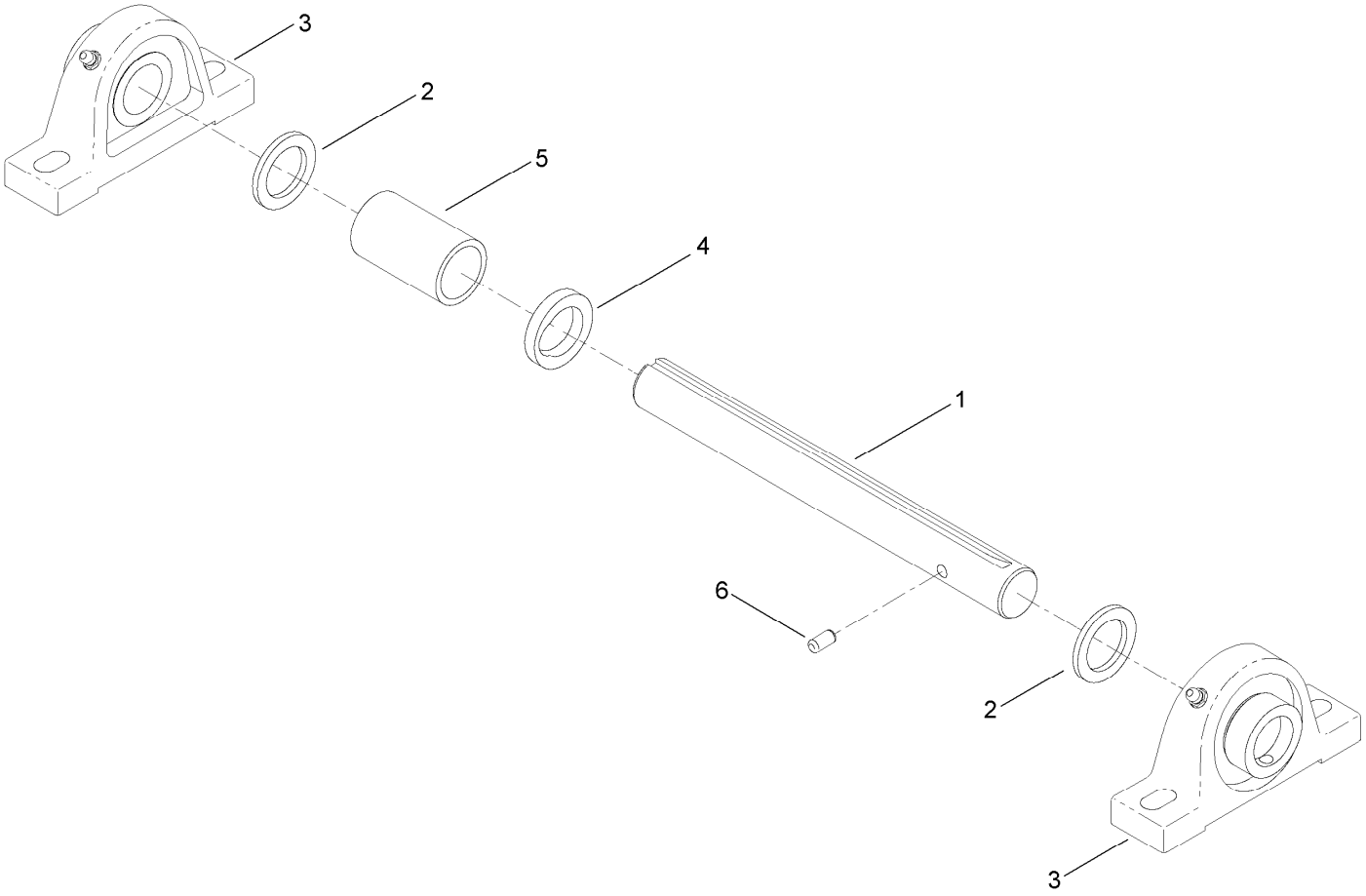
Pinion Assembly No. ST32354



Pinion Assembly No. ST32354 (continued)

Ref.	Part Number	Qty.	Description
1	ST24036	1	Shaft-Pinion
2	3-8514	2	Washer-Thrust
3	ST32208	2	Bearing-Block, Pillow
4	ST38122	1	Washer
5	ST57625	1	Gear-Spur
6	95-0715	1	Pin-Dowel

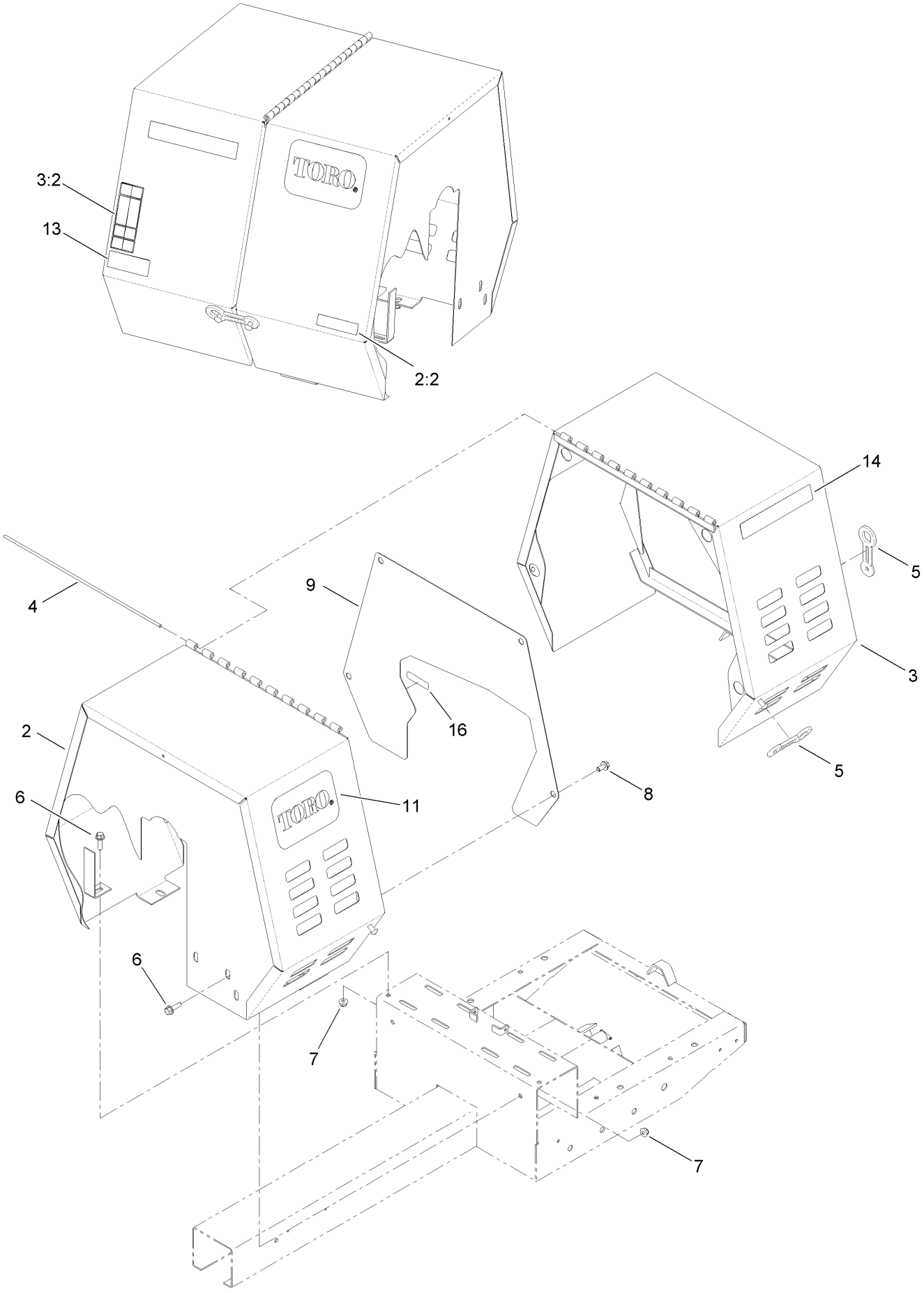
Idler Assembly No. ST21300



Idler Assembly No. ST21300 (continued)

Ref.	Part Number	Qty.	Description
1	ST24036	1	Shaft-Pinion
2	3-8514	2	Washer-Thrust
3	ST32208	2	Bearing-Block, Pillow
4	ST38122	1	Washer
5	ST42966-03	1	Spacer-Idler
6	95-0715	1	Pin-Dowel

Cowl Assembly



Cowl Assembly (continued)

Ref.	Part Number	Qty.	Description
2	127-1683	1	Stationary Cowl ASM
2:2	117-2718	1	Decal-Arrester, Spark
3	127-1687	1	Movable Cowl ASM
3:2	127-1652	1	Decal-Warning, Electric Mixer
4	ST44368	1	Pin
5	ST47182	3	Latch-Rubber
6	3234-24	6	Screw-HHF
7	104-8301	6	Nut-Flange, NI
8	110-9380	4	Screw-HWH
9	125-8166-03	1	Plate-Belt Guard
11	67-7320	2	Decal
13	125-4942	1	Decal
14	125-4947	2	Decal-Mm-650E
16	125-8175	1	Decal-Grease

Attachments and Accessories

For 68012 MM-650E-S Mortar Mixer

Product Name	Model/Part
31 inch Forged Tow Pole Hitch	68056
31 inch Pintel Tow Pole Hitch	68058
31 inch Stamped Tow Pole Hitch	68060
Trailer Light Kit	68062

Notes:



Count on it.