Form No. 3429-707 Rev A

TORO®

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# Parts Catalog

# MMX-850E-S

## Mortar Mixer

**Model No. 60219—Serial No. 404320000 and Up**

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

*3429-707* 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.

# Contents

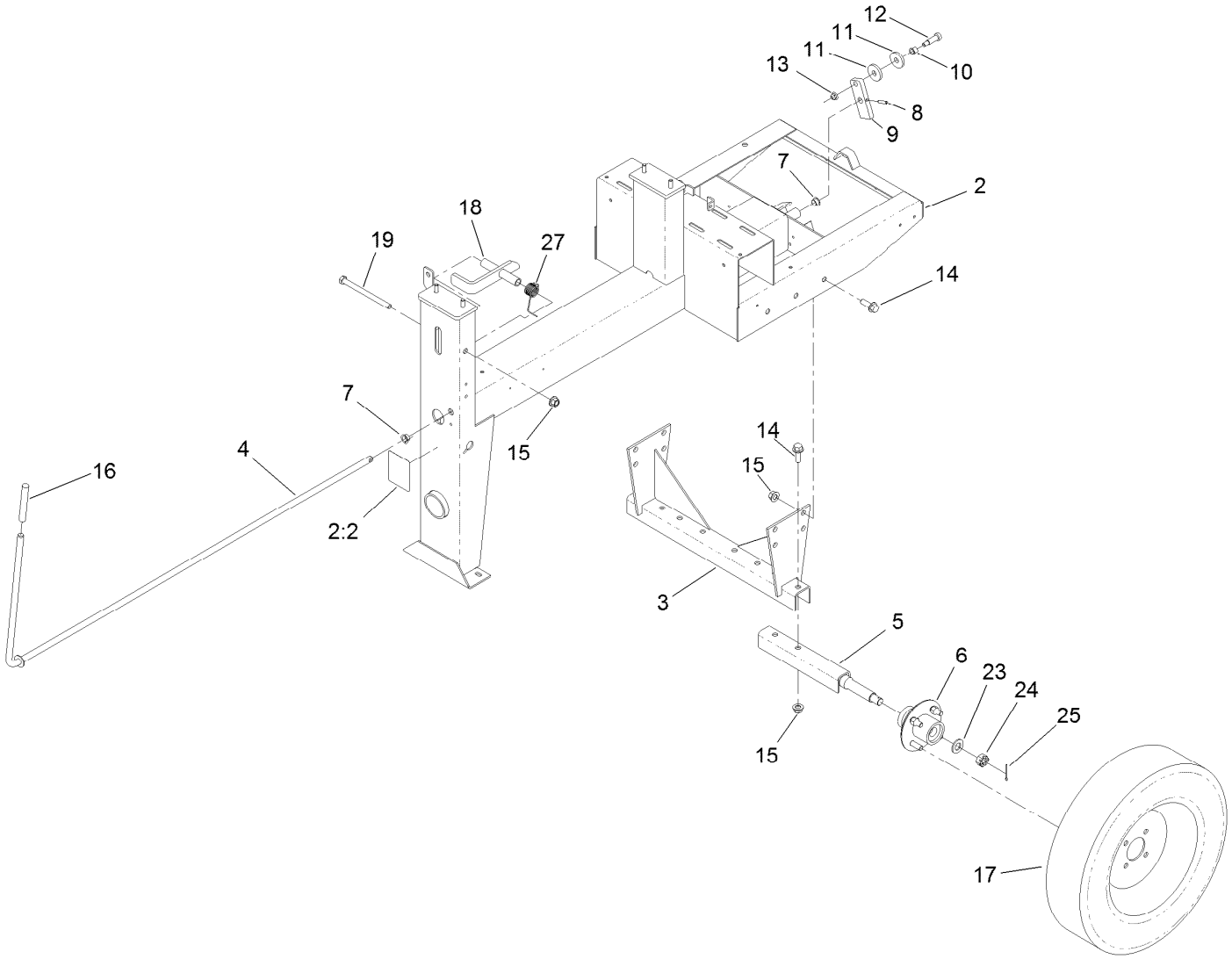
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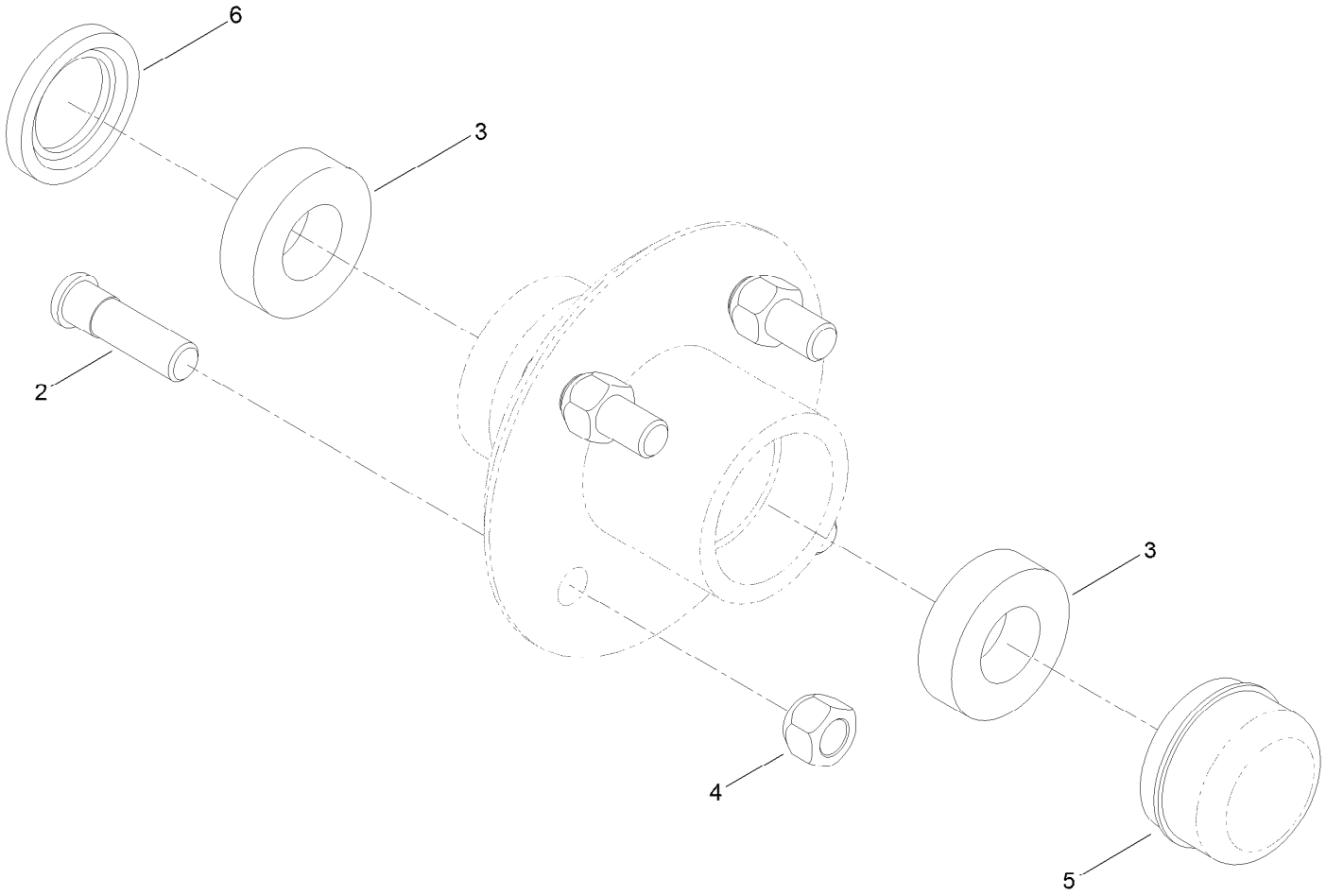
# Frame and Axle Assembly



# Frame and Axle Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | 131-7533 | 1 | Frame ASM |
| 2:2 | 125-8216 | 1 | Decal-Safety Chain, Towing |
| 3 | 125-8219-03 | 1 | Support-Axle |
| 4 | 131-5253-03 | 1 | Lever-Clutch |
| 5 | ST22512-03 | 2 | Axle-Half |
| 6 | 125-8171 | 2 | Hub ASM |
| 7 | ST32116 | 2 | Bushing-Flange |
| 8 | 32121-69 | 1 | Pin-Spring |
| 9 | ST39446 | 1 | Link-Clutch |
| 10 | ST32099 | 1 | Bushing-Flange |
| 11 | ST26326 | 2 | Washer-Flat |
| 12 | ST81153 | 1 | Screw-HSBH |
| 13 | 104-8301 | 1 | Nut-HF, NI |
| 14 | 100-6116 | 8 | Screw-HHF |
| 15 | 99-5107 | 9 | Nut-Lock |
| 16 | ST34687 | 1 | Grip-Handle |
| 17 | ST32307 | 2 | Tire And Rim ASM |
| 18 | 132-7154-03 | 1 | Latch-Drum |
| 19 | 325-33 | 1 | Screw-HH |
| 23 | 3256-28 | 2 | Washer-Flat |
| 24 | ST80054 | 2 | Nut |
| 25 | 3272-13 | 2 | Pin-Cotter |
| 27 | 132-3852 | 1 | Spring-Torsion |

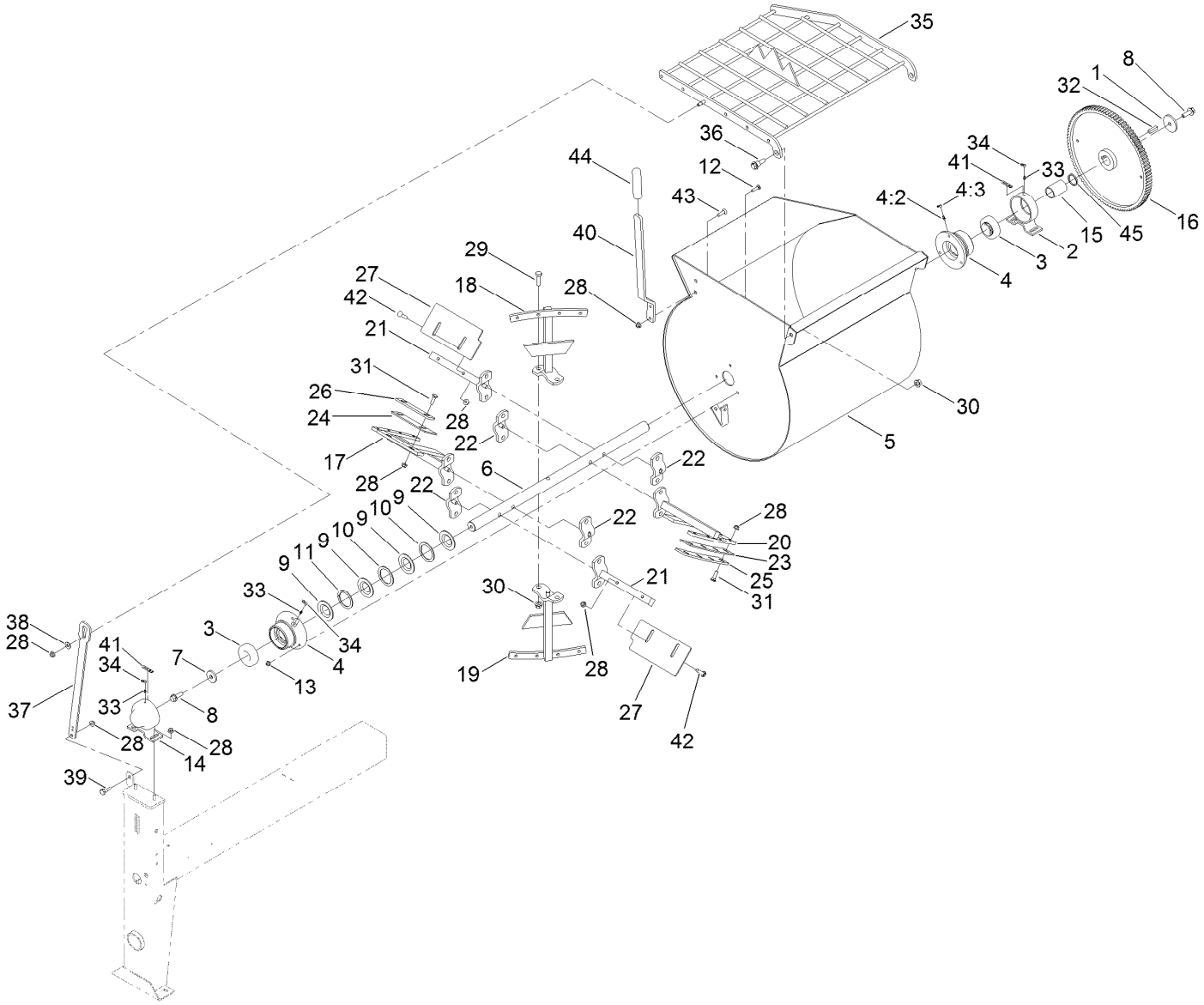
# Hub Assembly No. 125-8171



# 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 |

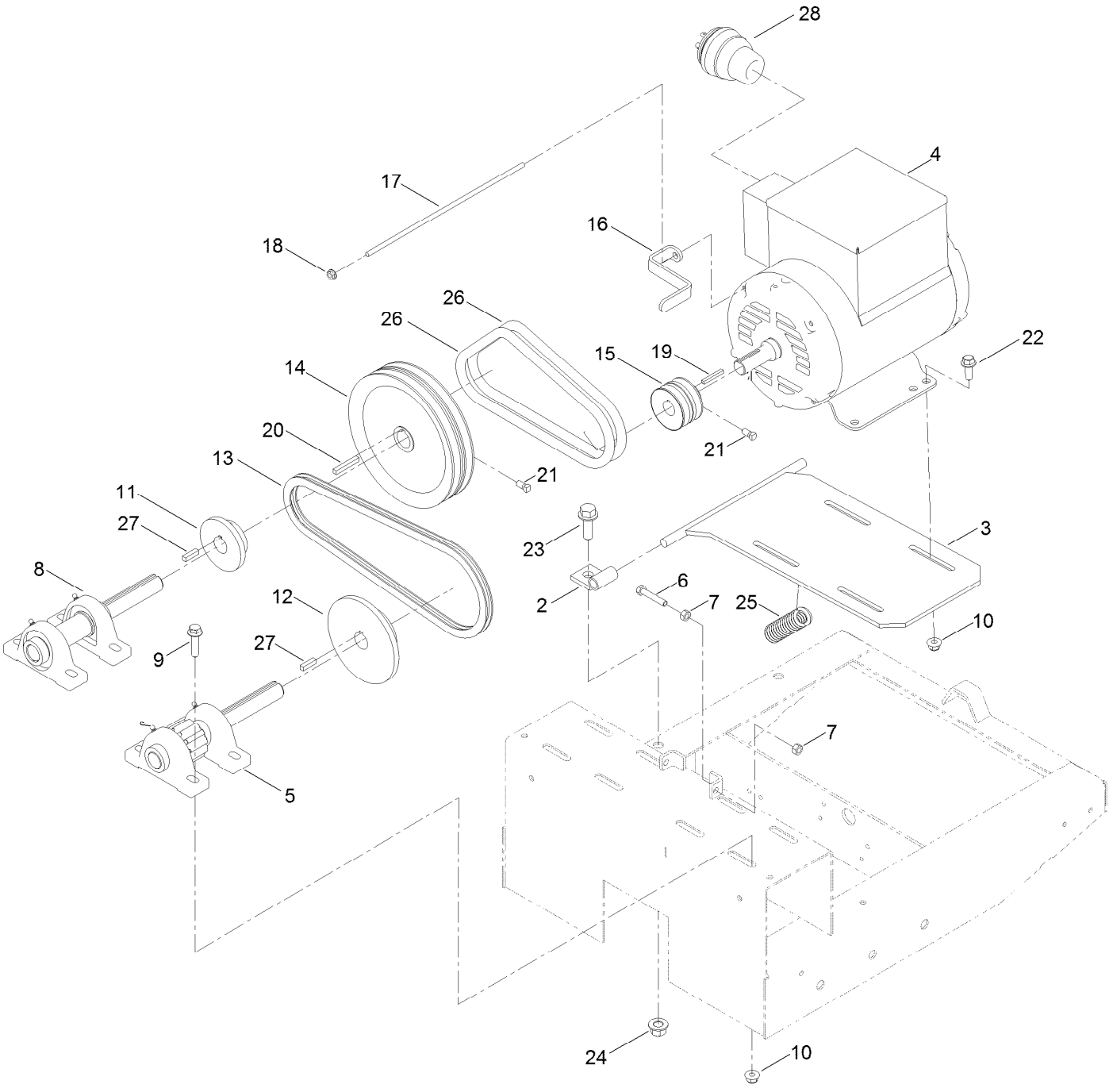
# Drum Assembly



# Drum Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 138-3162 | 1 | Washer-Plain |
| 2 | ST24021-01 | 1 | Trunnion |
| 3 | ST32003 | 2 | Bearing-Ball |
| 4 | 132-4117 | 2 | Kit-Housing, Bearing |
| 4:2 | ST46042 | 1 | Fitting-Grease |
| 4:3 | ST47001 | 1 | Cap-Plug |
| 5 | 130-2255-01 | 1 | Drum |
| 6 | 130-2274-01 | 1 | Shaft-Paddle |
| 7 | ST26326 | 1 | Washer-Flat |
| 8 | 130-6482 | 2 | Screw-HHF |
| 9 | ST32324 | 8 | Seal-Drum |
| 10 | ST24017 | 4 | Washer-Flat |
| 11 | ST25881 | 2 | Washer-Split |
| 12 | 3230-3 | 6 | Screw-CARR |
| 13 | 104-8300 | 6 | Nut-HF, NI |
| 14 | ST36574-01 | 1 | Trunnion-Capped |
| 15 | 137-0647 | 1 | Spacer-Tubular |
| 16 | ST26933-03 | 1 | Gear-94 Teeth |
| 17 | 130-2281-01 | 1 | Paddle-Leading |
| 18 | 130-2275-01 | 1 | Paddle-Mid |
| 19 | 130-2277-01 | 1 | Paddle-Mid |
| 20 | 130-2283-01 | 1 | Paddle-Trailing |
| 21 | 130-2282-01 | 2 | Paddle-Pusher |
| 22 | ST24107-01 | 4 | Clamp |
| 23 | 131-5260 | 4 | Paddle-Rubber, Top |
| 24 | 131-5261 | 2 | Paddle-Rubber, Mixer End |
| 25 | 131-5257-01 | 4 | Bar-Backer, Top |
| 26 | 131-5722-01 | 2 | Bar-Backer, End |
| 27 | 131-5717-01 | 2 | Bar-Backer, Pusher End |
| 28 | 104-8301 | 32 | Nut-HF, NI |
| 29 | 325-7 | 10 | Screw-HH |
| 30 | 99-5107 | 12 | Nut-Lock |
| 31 | 3231-25 | 20 | Bolt-CARR |
| 32 | ST81060 | 1 | Key-Square |
| 33 | ST46042 | 4 | Fitting-Grease |
| 34 | ST47001 | 4 | Cap-Plug |
| 35 | 130-2265-01 | 1 | Guard-Drum, 85Mm |
| 36 | 116-0780 | 2 | Screw-Shoulder, HHF |
| 37 | 131-5288-03 | 1 | Arm-Lift, Grate |
| 38 | 80-6990 | 1 | Washer-Hardened |
| 39 | 80-1300 | 1 | Bolt-Shoulder |
| 40 | 131-7527-01 | 1 | Handle-Dump |
| 41 | 125-8175 | 2 | Decal-Grease |
| 42 | 3231-29 | 4 | Screw-CARR |
| 43 | 3231-28 | 2 | Screw-CARR |
| 44 | 104-9838 | 1 | Grip-Foam |
| 45 | 138-3163 | 1 | Spacer-Shaft, Drum |

# Motor Assembly

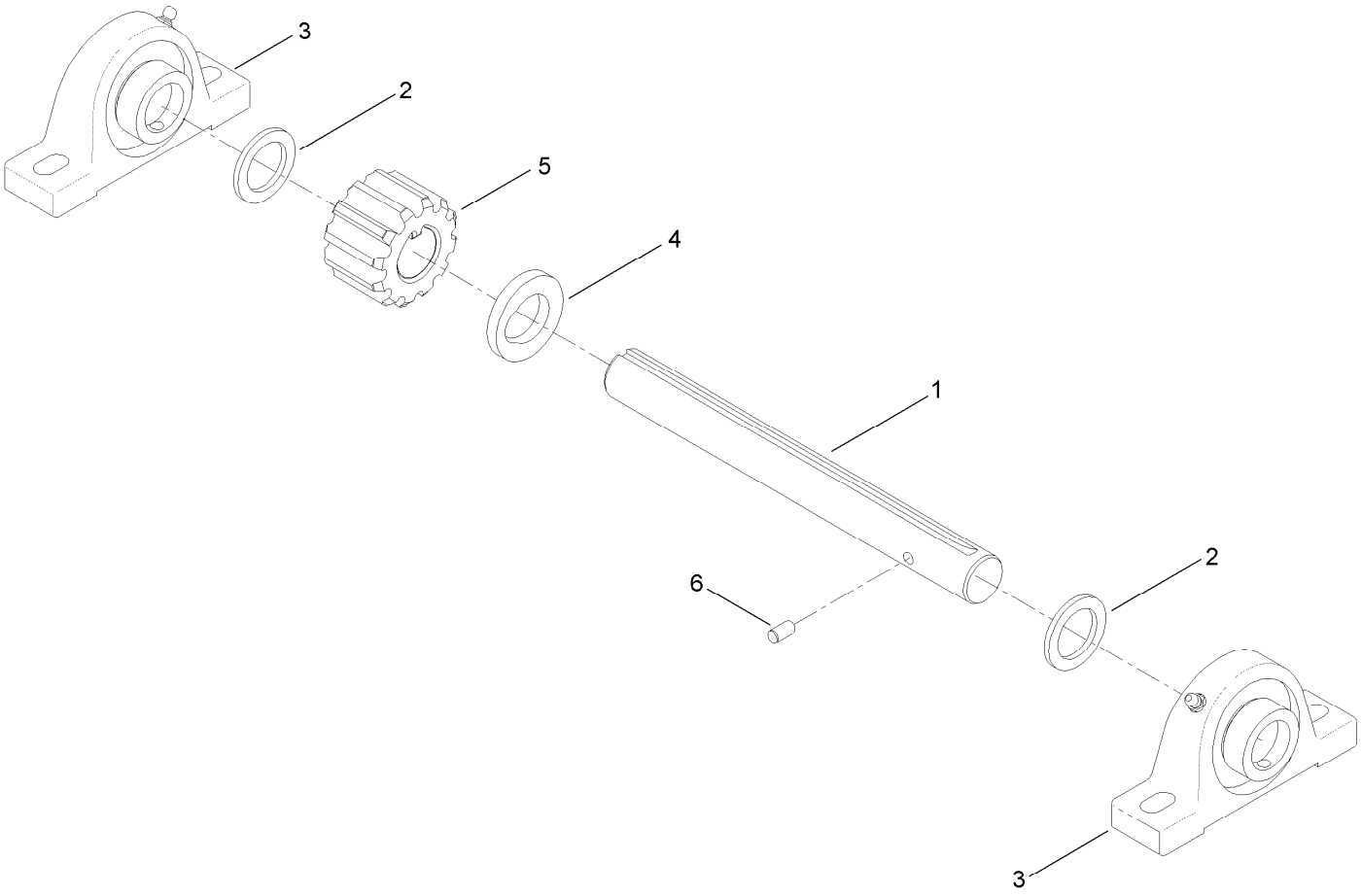


# Motor Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 2 | ST57786-03 | 2 | Mount-Motor |
| 3 | ST39567-03 | 1 | Base-Motor |
| 4 | 125-6255 | 1 | Motor-Electric |
| 5 | 131-5707 | 1 | Pinion ASM |
| 6 | 322-41 | 2 | Screw-HH |
| 7 | 3217-6 | 4 | Nut-Hex |
| 8 | ST21300 | 1 | Idler ASM |
| 9 | 114-4681 | 8 | Screw-HHF |
| 10 | 104-8301 | 12 | Nut-HF, NI |
| 11 | ST34126 | 1 | Sprocket |
| 12 | ST34127 | 1 | Sprocket |
| 13 | 132-7159 | 1 | Chain Set, 53 Pitch |
| 13:1 | ST34103 | 1 | Link-Offset, No. 50 ● |
| 13:2 | ST34104 | 1 | Link-Connecting, No. 50 ● |
| 14 | ST38450 | 1 | Sheave |
| 15 | ST38666 | 1 | Sheave |
| 16 | ST42446-03 | 1 | Guide-Belt |
| 17 | ST28826 | 1 | Rod-Threaded |
| 18 | 32128-14 | 1 | Nut-HF |
| 19 | ST37716 | 1 | Key-Square |
| 20 | 7-0238 | 1 | Key-Square |
| 21 | 1-803022 | 2 | Screw-Set |
| 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 |

● Not illustrated

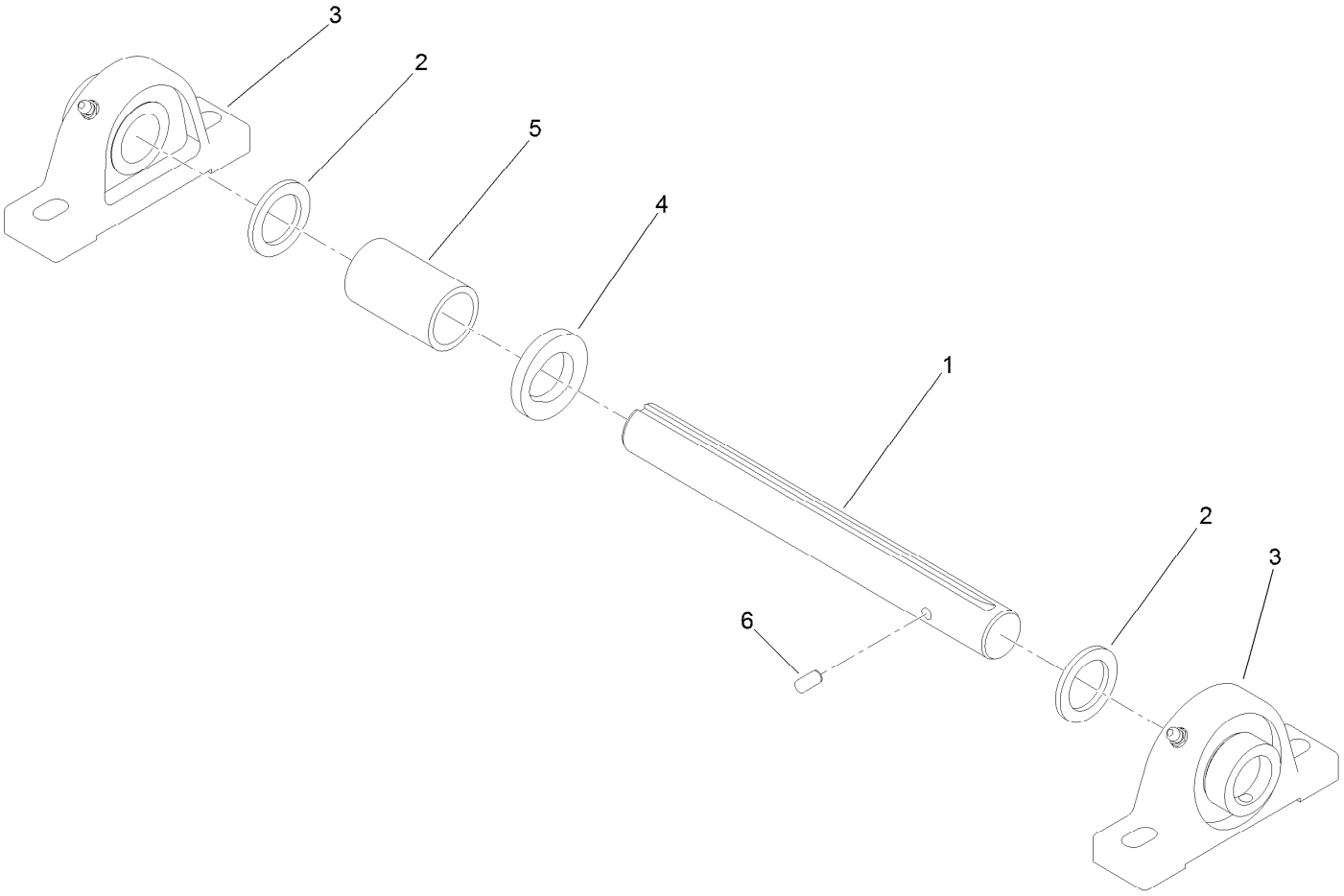
# Pinion Assembly No. 131-5704



# Pinion Assembly No. 131-5704 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 131-5705 | 1 | Shaft-Pinion |
| 2 | 3-8514 | 2 | Washer-Thrust |
| 3 | ST32208 | 2 | Bearing-Block, Pillow |
| 4 | 131-5706 | 1 | Washer |
| 5 | ST57625 | 1 | Gear-Spur |
| 6 | 95-0715 | 1 | Pin-Dowel |

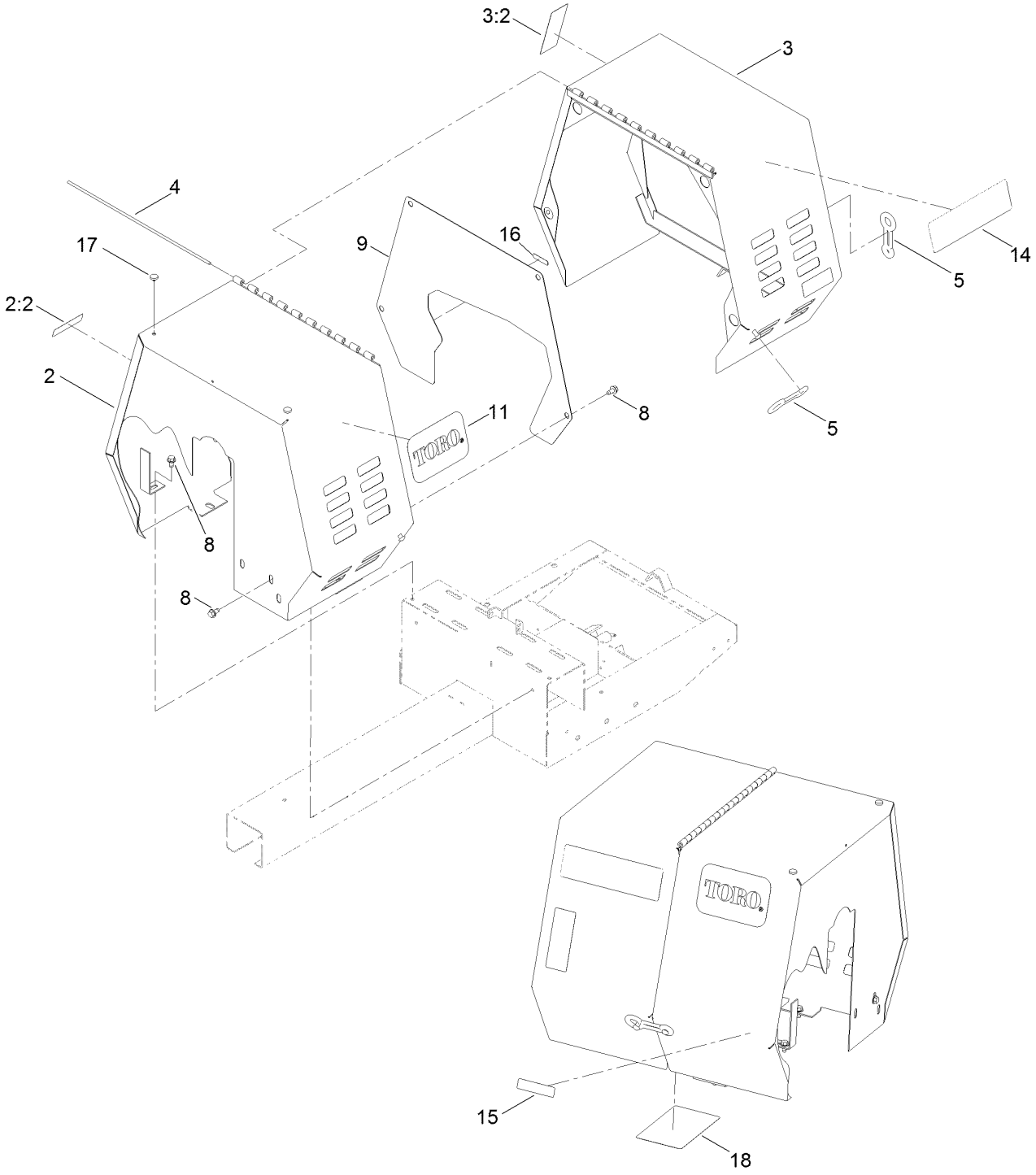
# Idler Assembly No. ST21300



# Idler Assembly No. ST21300 (continued)

| Ref. | Part Number | Qty. | Description |
|---|---|---|---|
| 1 | 131-5705 | 1 | Shaft-Pinion |
| 2 | 3-8514 | 2 | Washer-Thrust |
| 3 | ST32208 | 2 | Bearing-Block, Pillow |
| 4 | 131-5706 | 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 | 133-8062 | 1 | Decal-Arrestor, Spark |
| 3 | 127-1687 | 1 | Movable Cowl ASM |
| 3:2 | 127-1652 | 1 | Decal-Warning |
| 4 | ST44368 | 1 | Pin |
| 5 | ST47182 | 3 | Latch-Rubber |
| 8 | 110-9380 | 10 | Screw-HWH |
| 9 | 125-8166-03 | 1 | Plate-Guard, Belt |
| 11 | 67-7320 | 2 | Decal |
| 14 | 131-5728 | 2 | Decal |
| 15 | 133-8061 | 1 | Decal-Warning |
| 16 | 125-8175 | 1 | Decal-Grease |
| 17 | 1-513658 | 2 | Bumper |
| 18 | 132-3994 | 1 | Decal-Service |

# Attachments and Accessories

## For 60219 MMX-850E-S Mortar Mixer

| Product Name | Model/Part |
|---|---|
| Rubber Blades Kit | 132-7156 |
| 31in Forged Tow Pole Hitch | 68056 |
| 31in Pintel Tow Pole Hitch | 68058 |
| 31in Stamped Tow Pole Hitch | 68060 |
| Trailer Light Kit | 68062 |

## Notes:




**Count on it.**