



Form No. 3413-153 Rev A

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Parts Catalog

MMX-650E-S Mortar Mixer

Model No. 60212—Serial No. 400000000 and Up



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.

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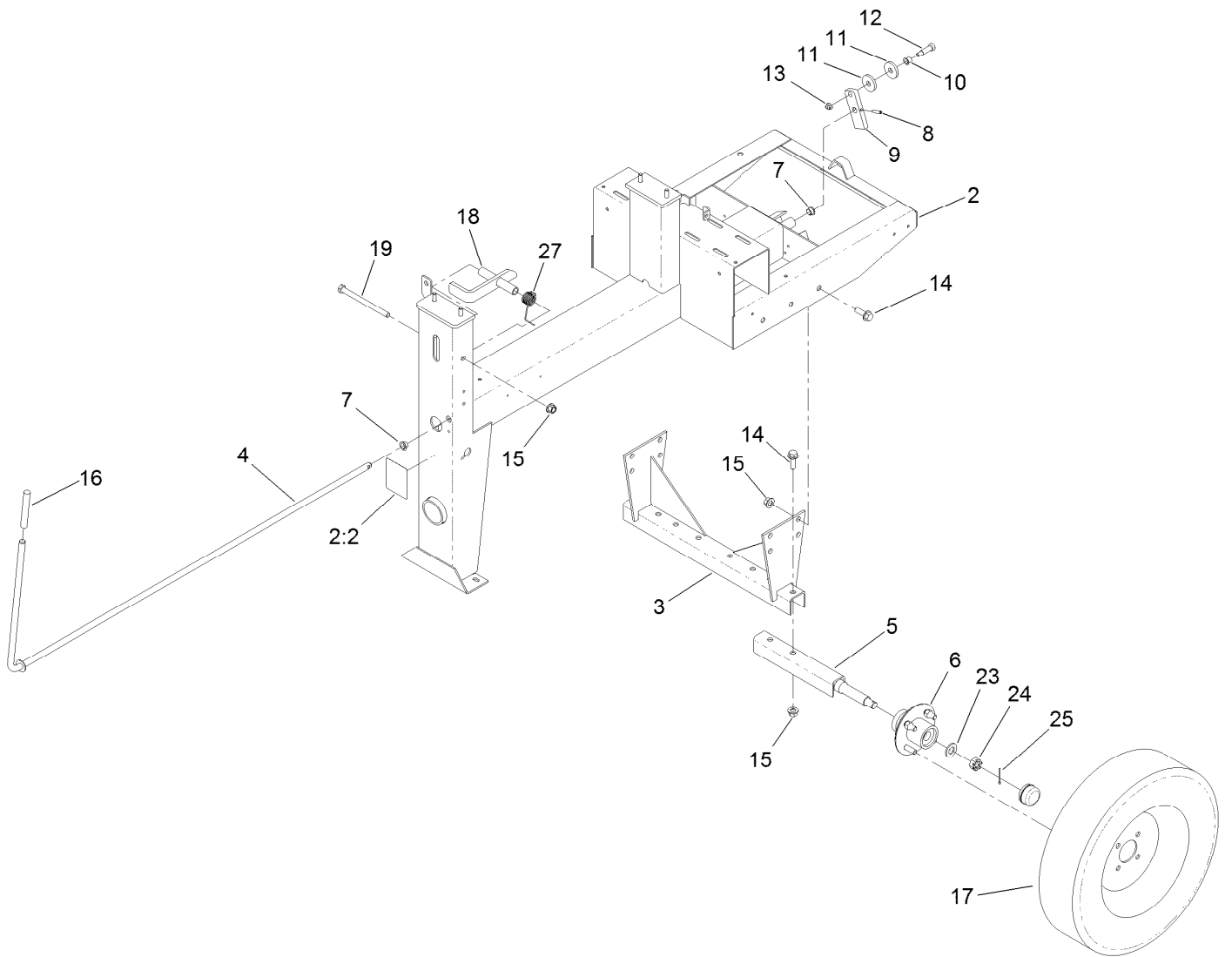
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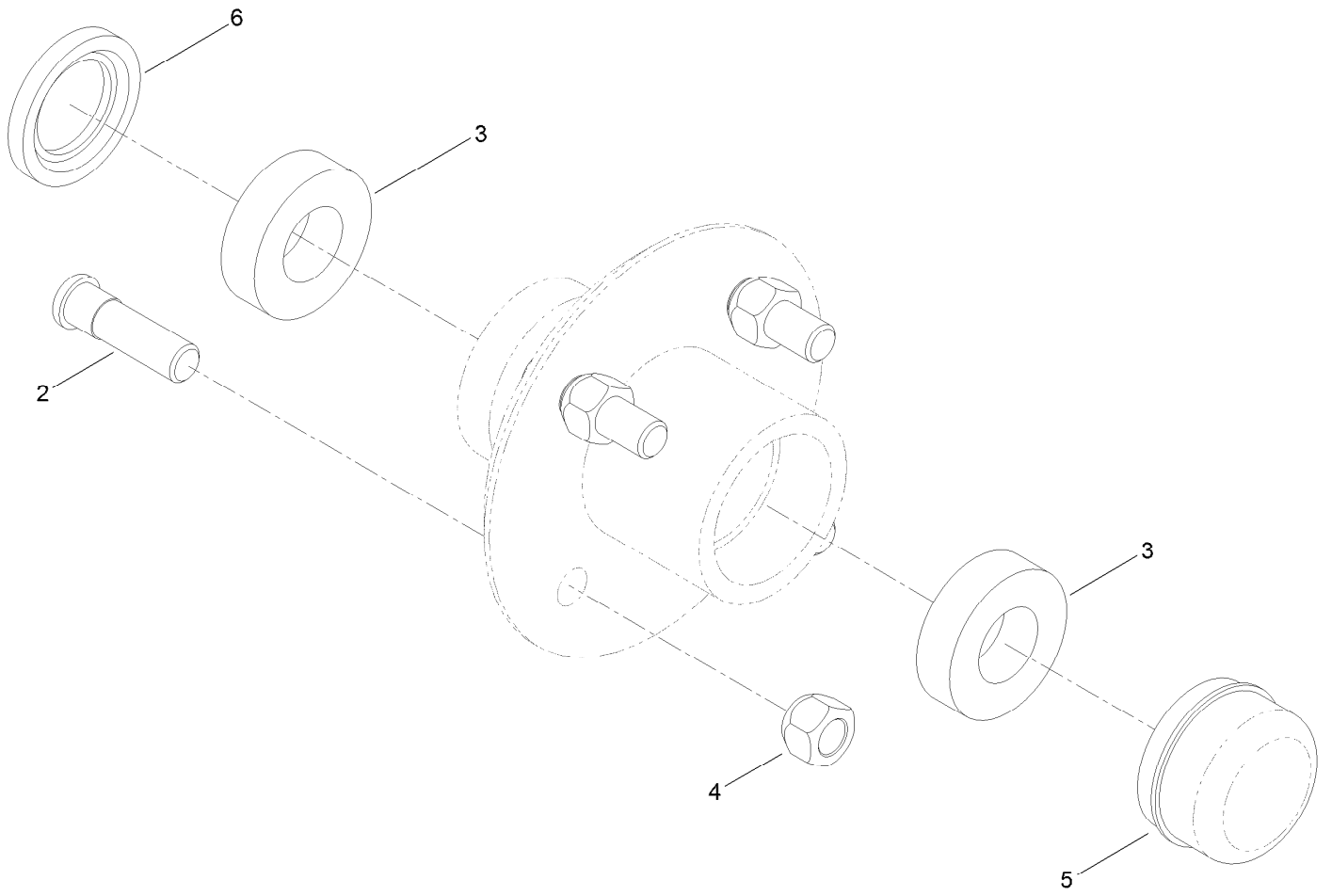
Frame and Axle Assembly



Frame and Axle Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	131-7532	1	Frame ASM	13	104-8301	1	Nut-HF, NI
2:2	125-8216	1	Decal-Safety Chain, Towing	14	100-6116	8	Screw-HHF
3	125-8219-03	1	Support-Axle	15	99-5107	9	Nut-Lock
4	131-5251-03	1	Lever-Clutch	16	ST34687	1	Grip-Handle
5	ST22512-03	2	Axle-Half	17	ST32306	2	Tire And Rim ASM
6	125-8171	2	Hub ASM	18	132-7154-03	1	Latch-Drum
7	ST32116	2	Bushing-Flange	19	325-33	1	Screw-HH
8	32121-69	1	Pin-Spring	23	3256-28	2	Washer-Flat
9	ST39446	1	Link-Clutch	24	ST80054	2	Nut
10	ST32099	1	Bushing-Flange	25	3272-13	2	Pin-Cotter
11	ST26326	2	Washer-Flat	27	132-3852	1	Spring-Torsion
12	ST81153	1	Screw-HSBH				

Hub Assembly No. 125-8171

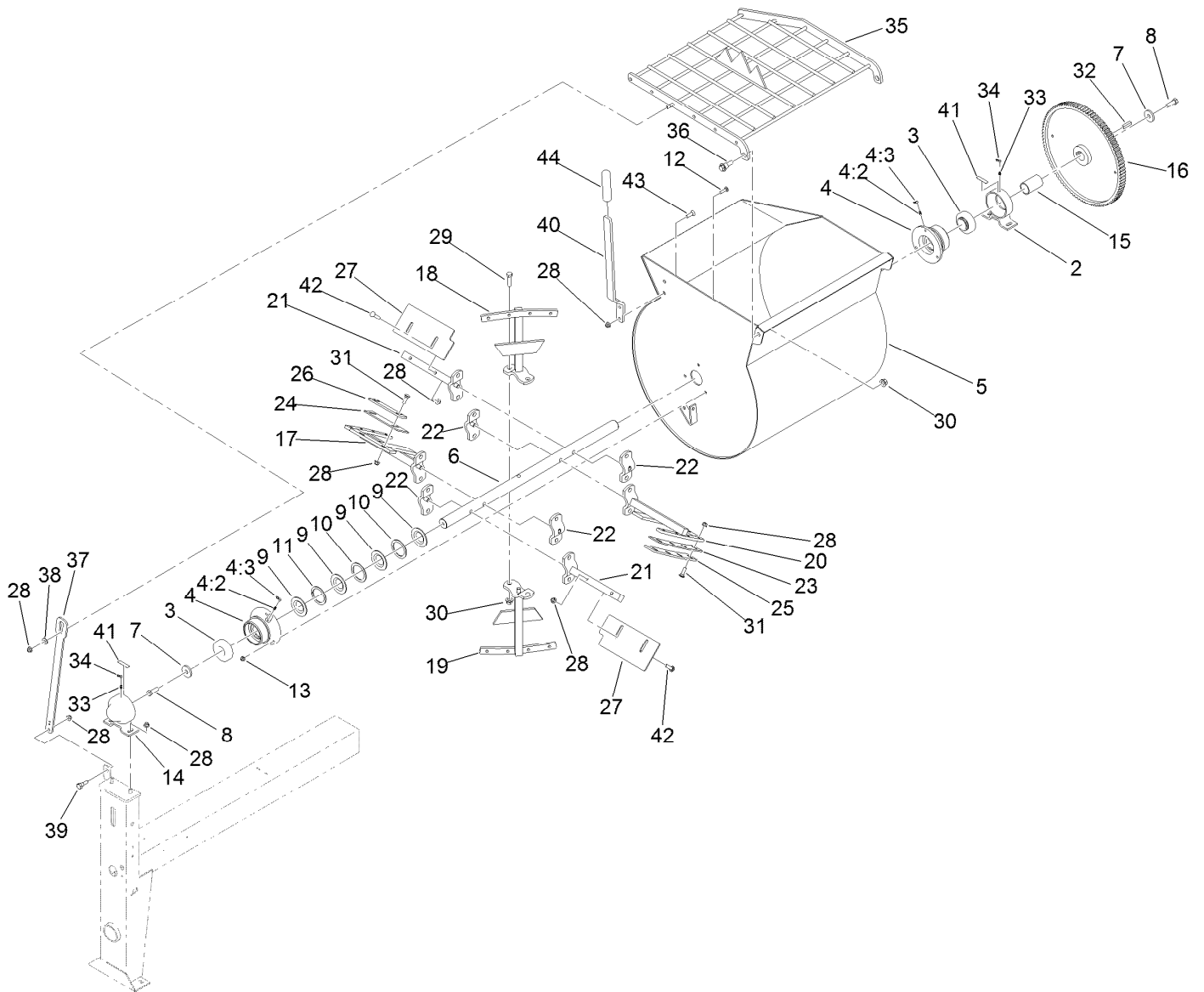


Hub Assembly No. 125-8171 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	ST39190	4	Stud-Wheel
3	ST32233	2	Bearing-Roller
4	ST80045	4	Nut-Lug

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
5	ST34573	1	Cap-Dust
6	ST32052	1	Seal-Hub, Wheel

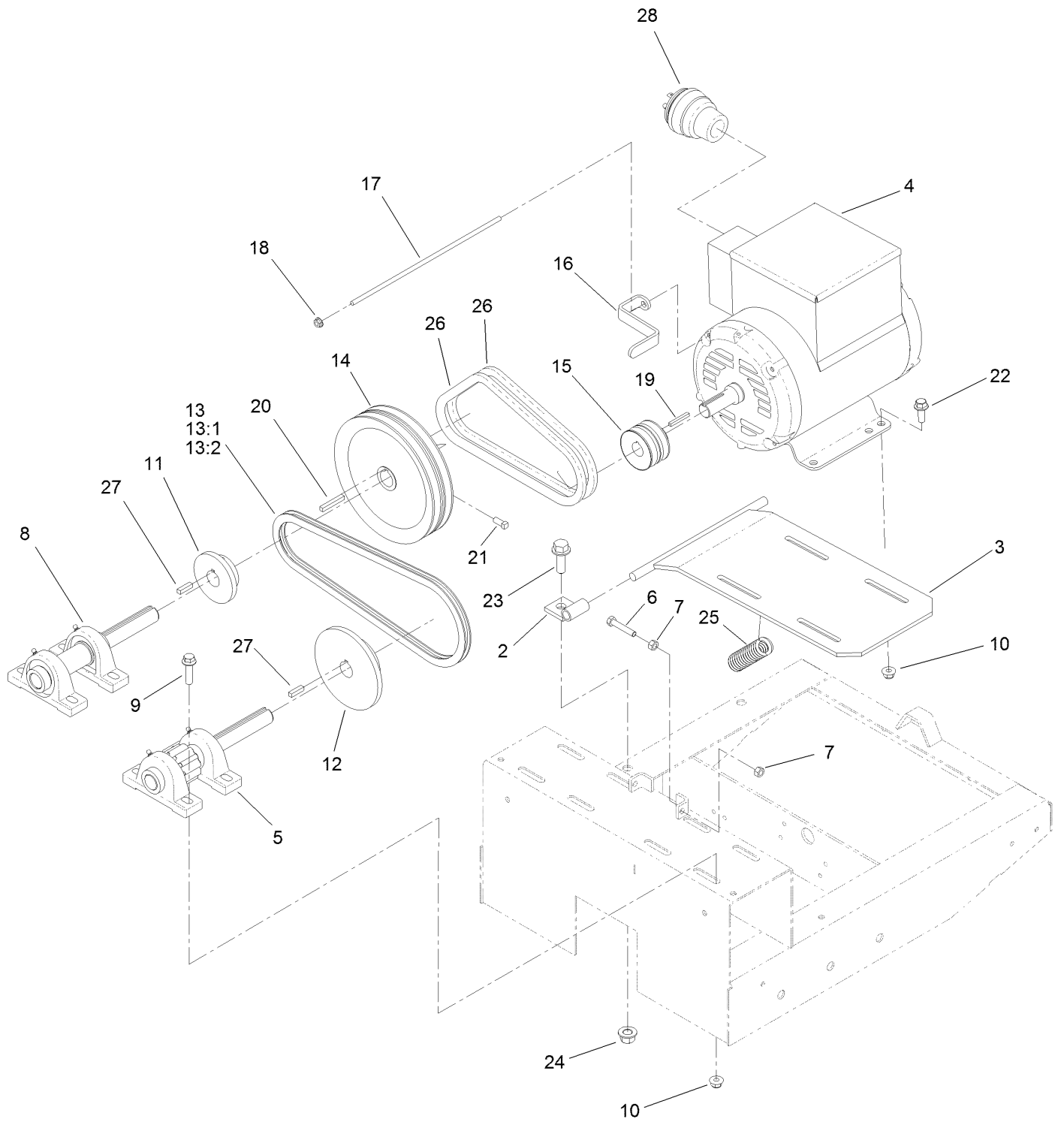
Drum, Paddle and Bearing Assembly



Drum, Paddle and Bearing Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	ST24021-01	1	Trunnion	23	131-5262	4	Blade-Rubber, Top
3	ST32003	2	Bearing-Ball	24	131-5261	2	Paddle-Rubber, Mixer End
4	132-4117	2	Kit-Housing, Bearing	25	131-5285-01	4	Plate-Backer, Top
4:2	ST46042	1	Fitting-Grease	26	131-5722-01	2	Bar-Backer, End
4:3	ST47001	1	Cap-Plug	27	131-5717-01	2	Bar-Backer, Pusher End
5	131-5231-01	1	Drum	28	104-8301	32	Nut-HF, NI
6	131-5237-01	1	Shaft-Paddle	29	325-7	10	Screw-HH
7	ST26326	2	Washer-Flat	30	99-5107	12	Nut-Lock
8	325-6	2	Screw-HH	31	3231-25	20	Bolt-CARR
9	ST32324	8	Seal-Drum	32	ST81060	1	Key-Square
10	ST24017	4	Washer-Flat	33	ST46042	4	Fitting-Grease
11	ST25881	2	Washer-Split	34	ST47001	4	Cap-Plug
12	3230-3	6	Screw-CARR	35	131-5277-01	1	Grate
13	104-8300	6	Nut-HF, NI	36	116-0780	2	Screw-Shoulder, HHF
14	ST36574-01	1	Trunnion-Capped	37	131-5288-03	1	Arm-Lift, Grate
15	131-5276	1	Spacer-Shaft	38	80-6990	1	Washer-Hardened
16	ST26933-03	1	Gear-94 Teeth	39	80-1300	1	Bolt-Shoulder
17	131-5278-01	1	Paddle-Front	40	131-7527-01	1	Handle-Dump
18	131-5281-01	1	Paddle-Mid	41	125-8175	2	Decal-Grease
19	131-5283-01	1	Paddle-Mid	42	3231-29	4	Screw-CARR
20	131-5284-01	1	Paddle-Rear	43	3231-28	2	Screw-CARR
21	130-2282-01	2	Paddle-Pusher	44	104-9838	1	Grip-Foam
22	ST24107-01	4	Clamp				

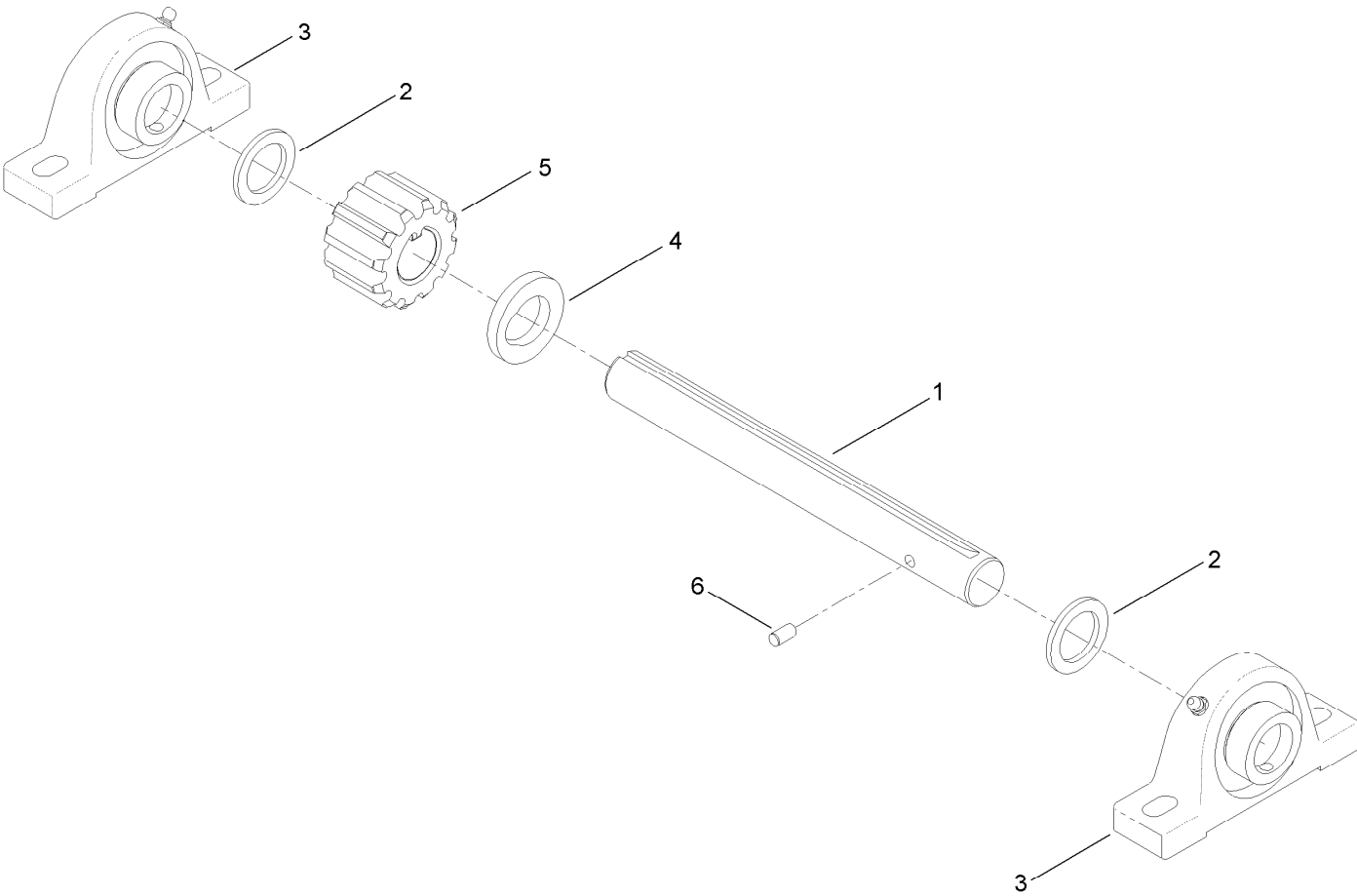
Drive Assembly



Drive Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	ST57786-03	2	Mount-Motor	15	ST38666	1	Sheave
3	ST39567-03	1	Base-Motor	16	ST42446-03	1	Guide-Belt
4	125-6254	1	Motor-Electric	17	127-2887	1	Rod-Threaded
5	131-5707	1	Pinion ASM	18	32128-14	1	Nut-HF
6	322-41	2	Screw-HH	19	ST37716	1	Key-Square
7	3217-6	4	Nut-Hex	20	7-0238	1	Key-Square
8	ST21300	1	Idler ASM	21	120-6474	2	Screw-Set, SQH
9	114-4681	8	Screw-HHF	22	3234-42	4	Screw-HHF
10	104-8301	12	Nut-HF, NI	23	100-6116	2	Screw-HHF
11	ST34126	1	Sprocket	24	99-5107	2	Nut-Lock
12	ST34127	1	Sprocket	25	ST34849	1	Spring
13	132-7159	1	Chain Set, 53 Pitch	26	ST34617	2	Belt-V
13:1	ST34103	1	Link-Offset, No. 50	27	5-7280	2	Key
13:2	ST34104	1	Link-Connecting, No. 50	28	127-1678	1	Plug
14	ST38450	1	Sheave				

Pinion Assembly No. 131-5704

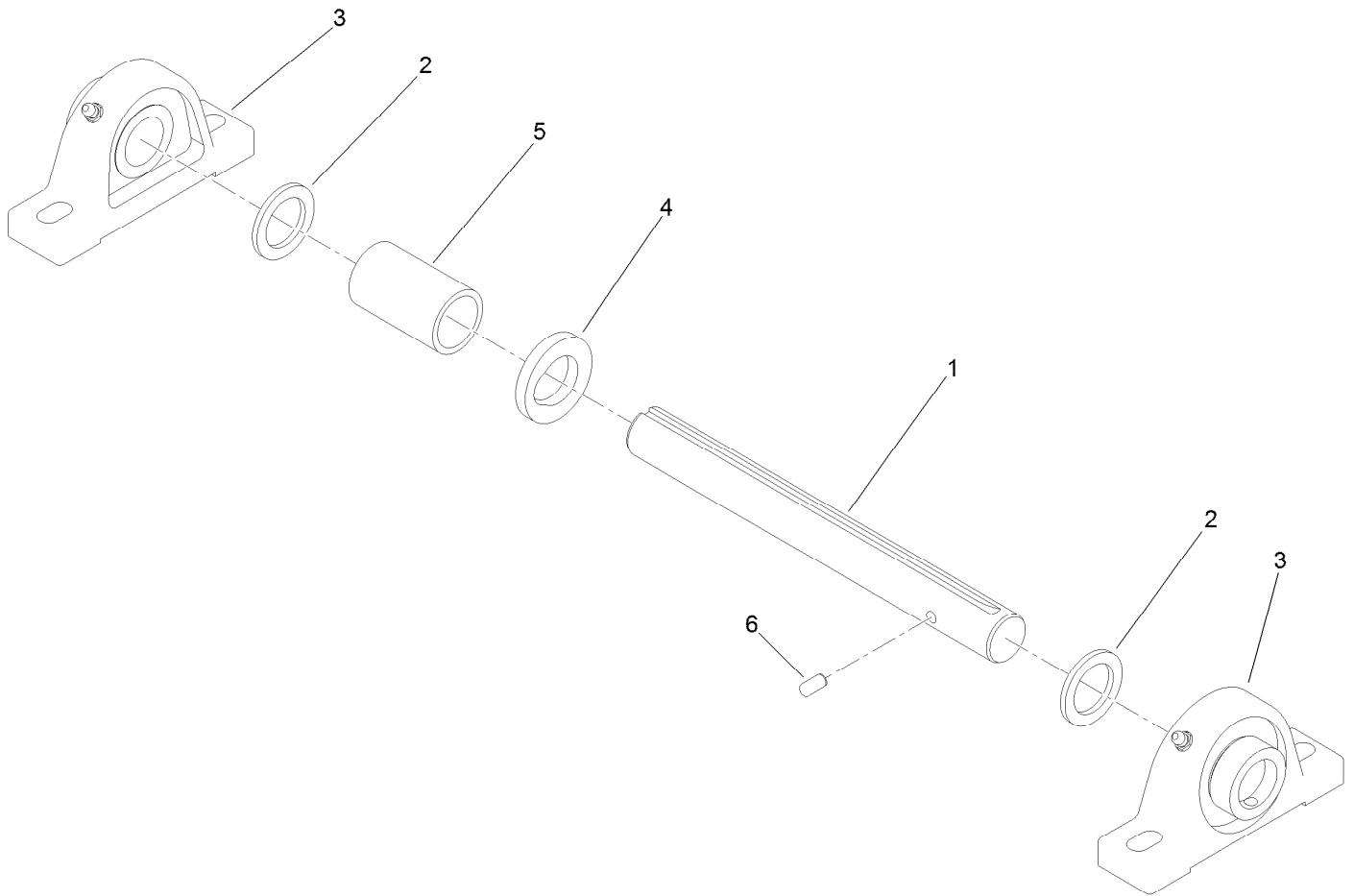


Pinion Assembly No. 131-5704 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-5705	1	Shaft-Pinion
2	3-8514	2	Washer-Thrust
3	ST32208	2	Bearing-Block, Pillow

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	131-5706	1	Washer
5	ST57625	1	Gear-Spur
6	95-0715	1	Pin-Dowel

Idler Assembly No. ST21300

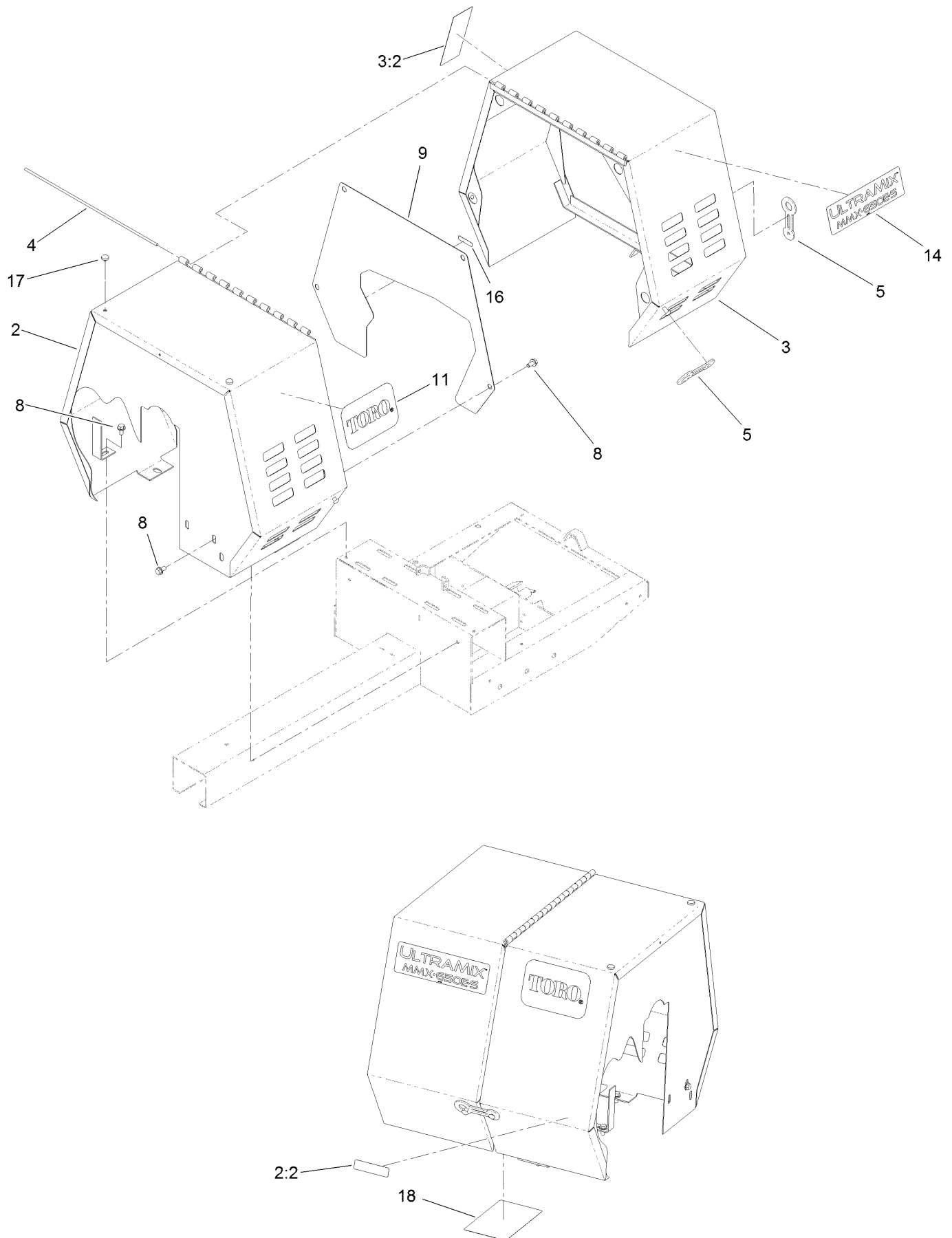


Idler Assembly No. ST21300 (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	131-5705	1	Shaft-Pinion
2	3-8514	2	Washer-Thrust
3	ST32208	2	Bearing-Block, Pillow

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
4	131-5706	1	Washer
5	ST42966-03	1	Spacer-Idler
6	95-0715	1	Pin-Dowel

Cowl Assembly



Cowl Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
2	127-1683	1	Stationary Cowl ASM	9	125-8166-03	1	Plate-Guard, Belt
2:2	117-2718	1	Decal-Arrester, Spark	11	67-7320	2	Decal
3	127-1687	1	Movable Cowl ASM	14	131-5725	2	Decal
3:2	127-1652	1	Decal-Warning	16	125-8175	1	Decal-Grease
4	ST44368	1	Pin	17	1-513658	2	Bumper
5	ST47182	3	Latch-Rubber	18	132-3995	1	Decal-Service
8	110-9380	10	Screw-HWH				

Attachments and Accessories

For 60212 MMX-650E-S Mortar Mixer

Product Name	Model/Part
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.