

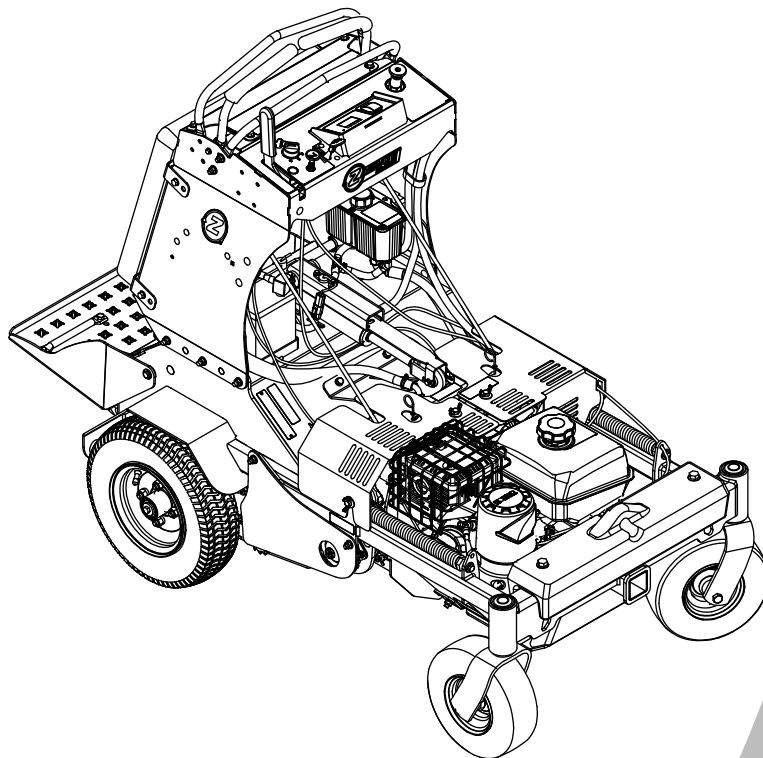


# **Z-AERATE™**

## **24 INCH MODEL**

Model No. ZA3624—Serial No. 408644346 and Up

Picture below may not reflect actual product.



# Parts Manual

# 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

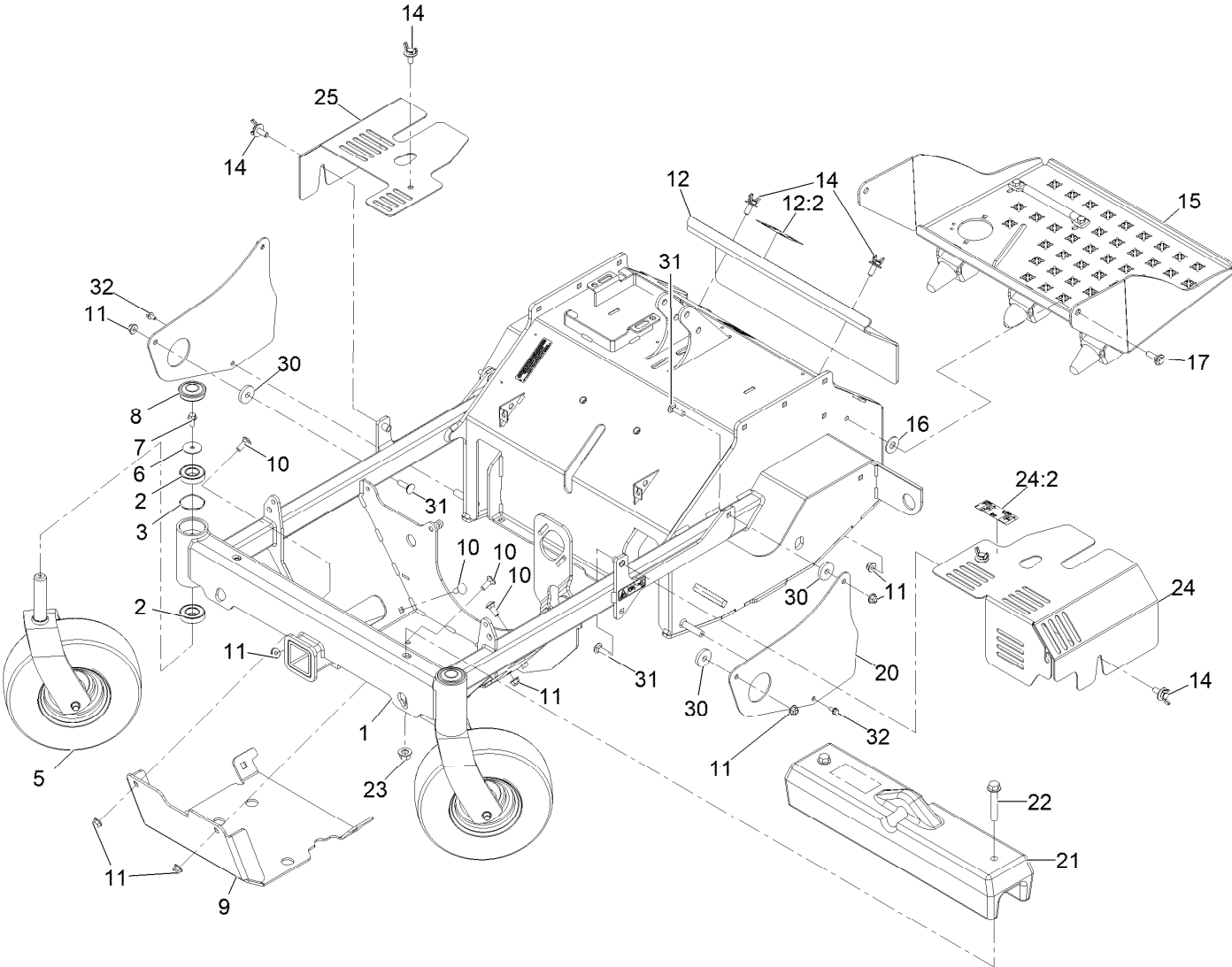
In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

# Contents

|                                              |    |
|----------------------------------------------|----|
| Main Frame Assembly . . . . .                | 4  |
| Main Frame Assembly No. 135-5236 . . . . .   | 6  |
| Caster Wheel Assembly . . . . .              | 8  |
| Tower Assembly . . . . .                     | 10 |
| Tower Assembly W/Decals . . . . .            | 12 |
| Motion Controls . . . . .                    | 14 |
| LH Motion Control Linkage Assembly . . . . . | 16 |
| RH Motion Control Linkage Assembly . . . . . | 18 |
| Tine Assembly . . . . .                      | 20 |
| LH Tine Wheel Assembly . . . . .             | 22 |
| RH Tine Wheel Assembly . . . . .             | 24 |
| Auxiliary Hydraulic Assembly . . . . .       | 26 |
| Manifold Assembly No. 126-9321 . . . . .     | 28 |
| Ground Drive Assembly . . . . .              | 30 |
| Wheel and Tire Assembly . . . . .            | 32 |
| Idler Arm Assembly No. 126-9116 . . . . .    | 34 |
| LH Transaxle Assembly No. 126-9064 . . . . . | 35 |
| RH Transaxle Assembly No. 126-9065 . . . . . | 36 |
| Engine Assembly . . . . .                    | 38 |
| Electrical Assembly . . . . .                | 40 |
| Wire Harness Assembly No. 126-9535 . . . . . | 42 |

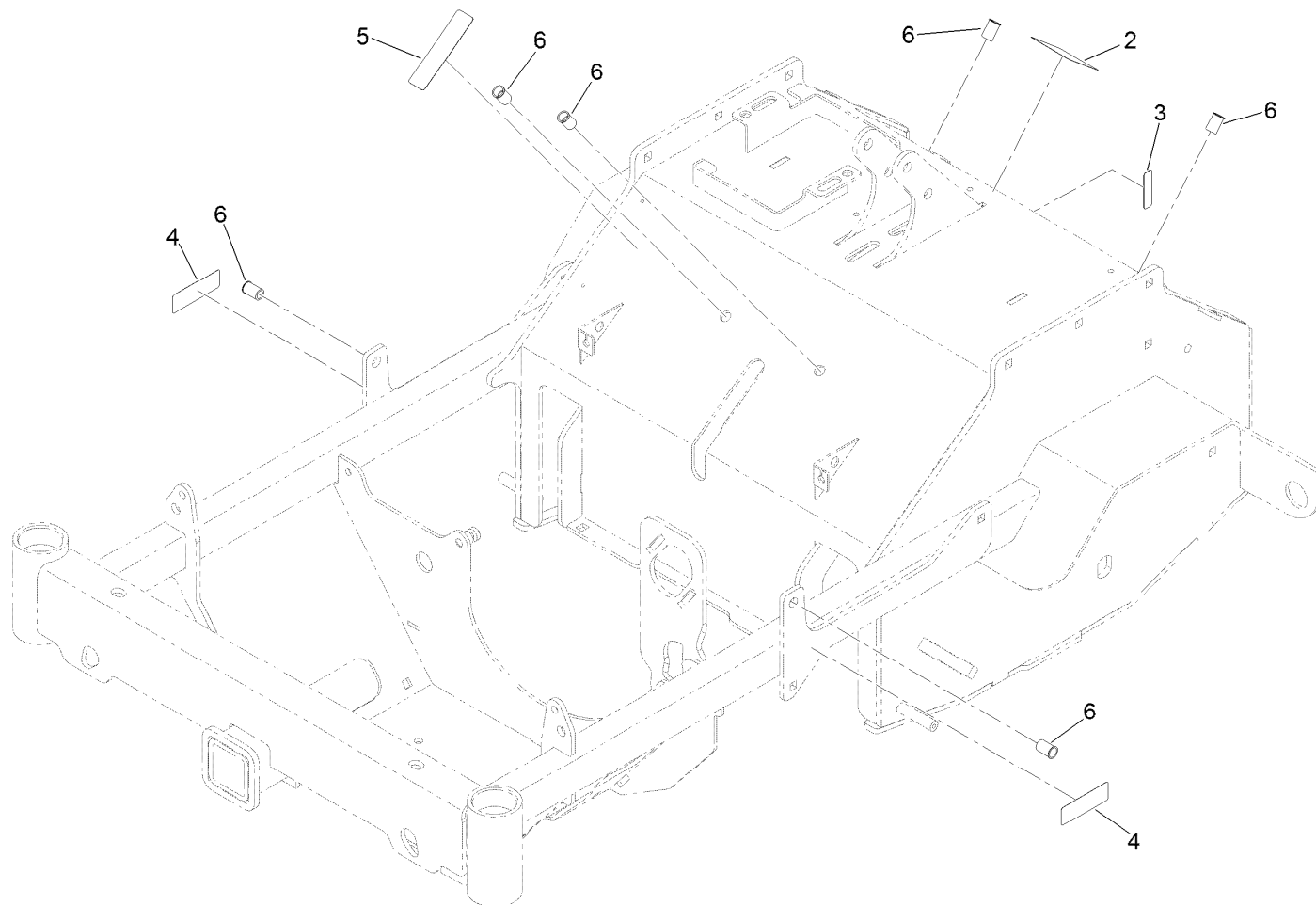
# Main Frame Assembly



## Main Frame Assembly (continued)

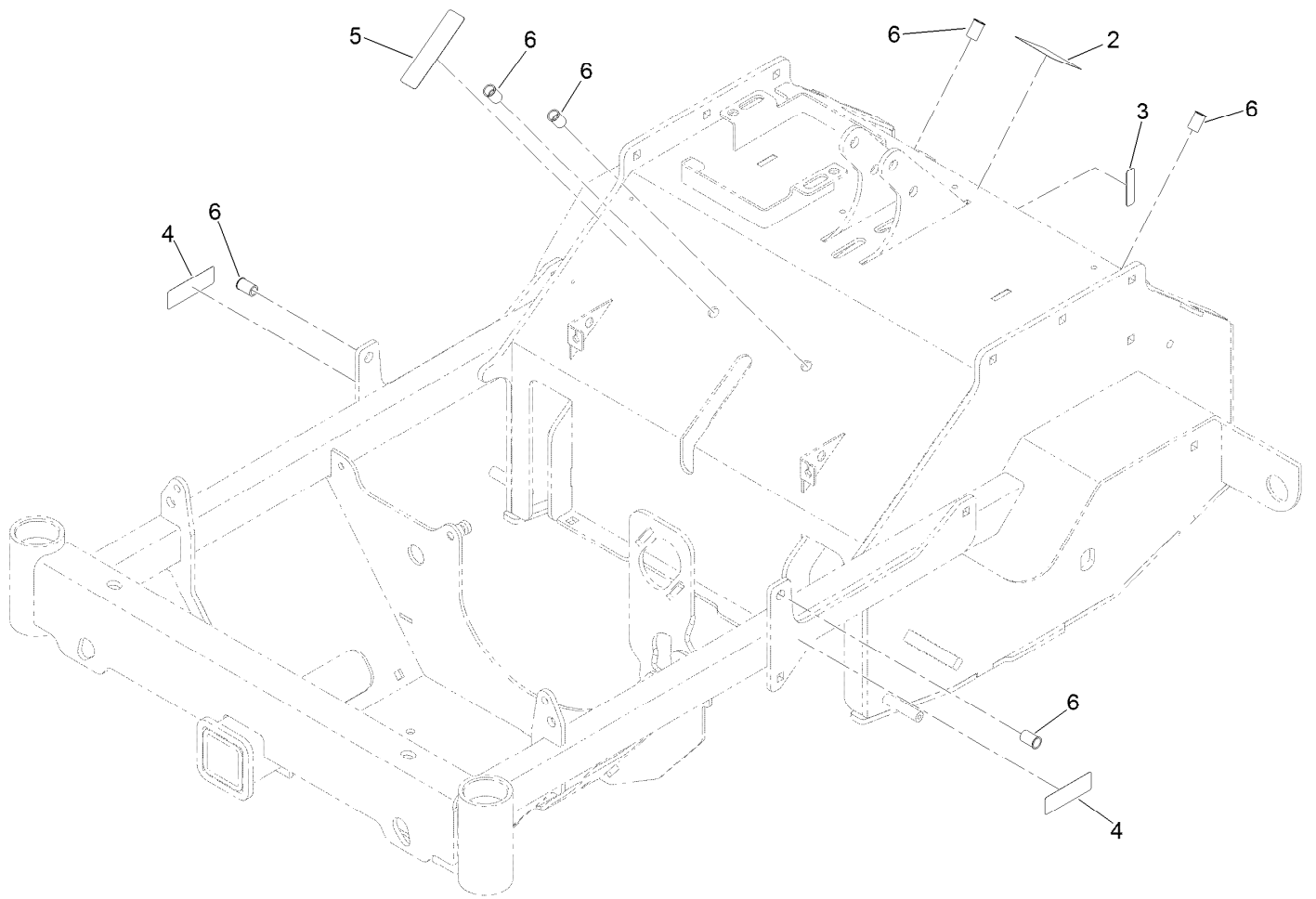
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>                | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>            |
|-------------|--------------------|-------------|-----------------------------------|-------------|--------------------|-------------|-------------------------------|
| 1           | 142-4432           | 1           | Main Frame ASM                    | 15          | 126-9135           | 1           | Platform ASM                  |
| 2           | 109-3678           | 4           | Bearing-Ball                      | 16          | 3256-6             | 2           | Washer                        |
| 3           | 126-5897           | 2           | Spring                            | 17          | 614672             | 2           | Screw-Shoulder 3/8-16 X 1.295 |
| 5           |                    | 2           | Front Caster ASM ●                | 20          | 135-5138-01        | 2           | Guard-Chain                   |
| 6           | 3256-68            | 2           | Washer-Flat                       | 21          | 142-4436           | 1           | Weight-Front                  |
| 7           | 3234-5             | 2           | Screw-HH Flg 5/16-18 X 3/4        | 22          | 3234-40            | 2           | Screw-HF                      |
| 8           | 116-4348           | 2           | Cap-Grease                        | 23          | 99-5107            | 2           | Nut-Lock 1/2-13               |
| 9           | 126-8726-03        | 1           | Guard-Engine                      | 24          | 135-3270           | 1           | Hydro-Cover                   |
| 10          | 3231-2             | 4           | Bolt-Carriage 3/8-16 X 1          | 24:2        | 135-3183           | 1           | Decal-Release, Drive          |
| 11          | 104-8301           | 10          | Nut-Nyloc 3/8-16 Flg              | 25          | 135-0822-03        | 1           | Cover-Hydro                   |
| 12          | 142-4435           | 1           | Access Cover ASM                  | 30          | 1-543610           | 4           | Washer                        |
| 12:2        | 121-6163           | 1           | Decal-Operation, Tine Ground (CE) | 31          | 3231-25            | 4           | Bolt-Carriage 3/8-16 X 1 1/4  |
| 14          | 135-4629           | 6           | Screw-Sems (3/8-16 X 1)           | 32          | 3234-13            | 2           | Screw-HH Flg 1/4-20 X 1/2     |

● Not serviced separately



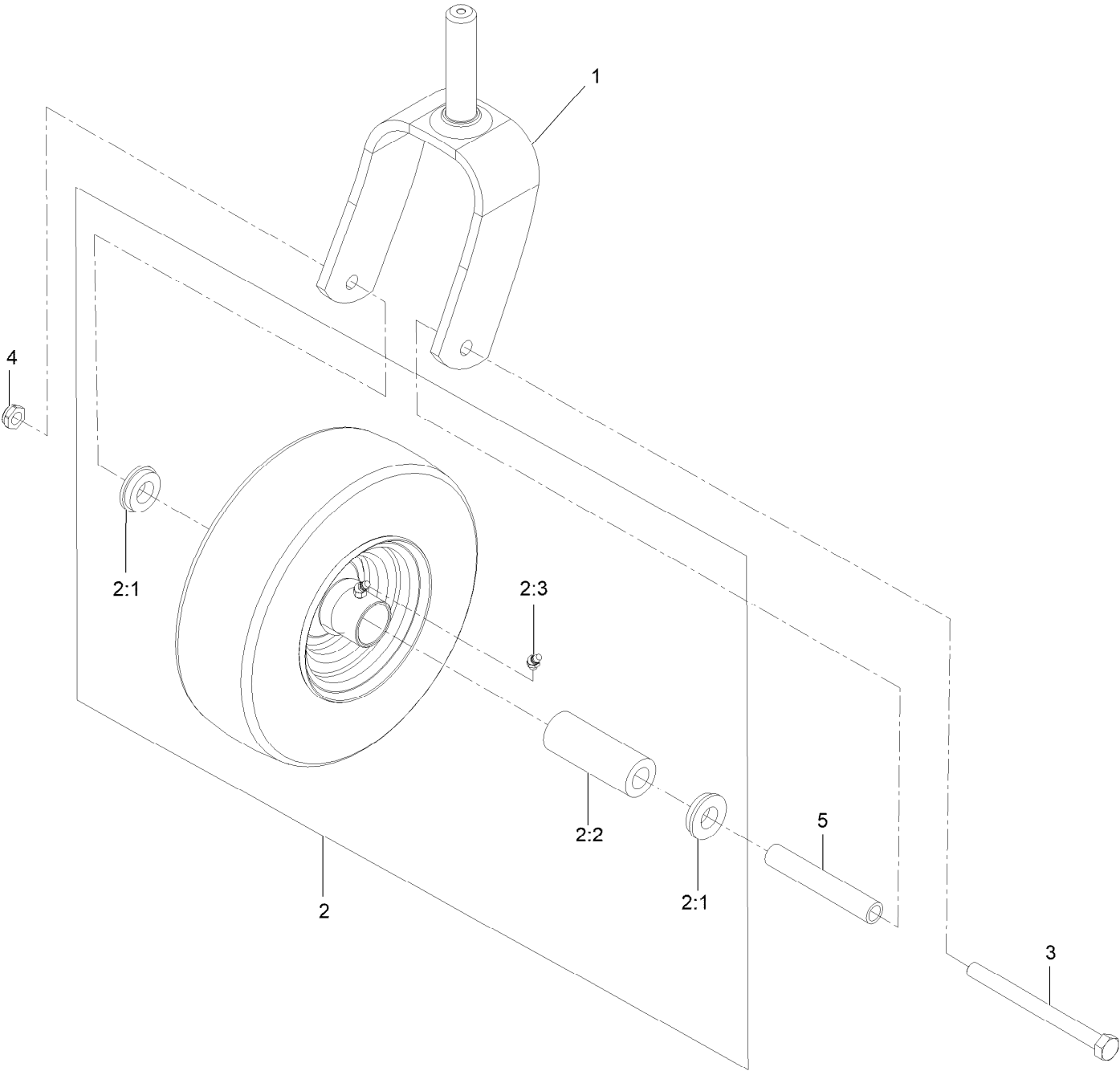
## Main Frame Assembly No. 135-5236

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 2    | 121-6150    | 1    | Decal-Warning         |
| 3    | 120-9570    | 1    | Decal-Warning         |
| 4    | 121-6161    | 2    | Decal-Danger          |
| 5    | 133-8062    | 1    | Decal-Arrestor, Spark |
| 6    | 32148-10    | 6    | Nut-Clinch            |



## Main Frame Assembly No. 135-5236 (continued)

# Caster Wheel Assembly

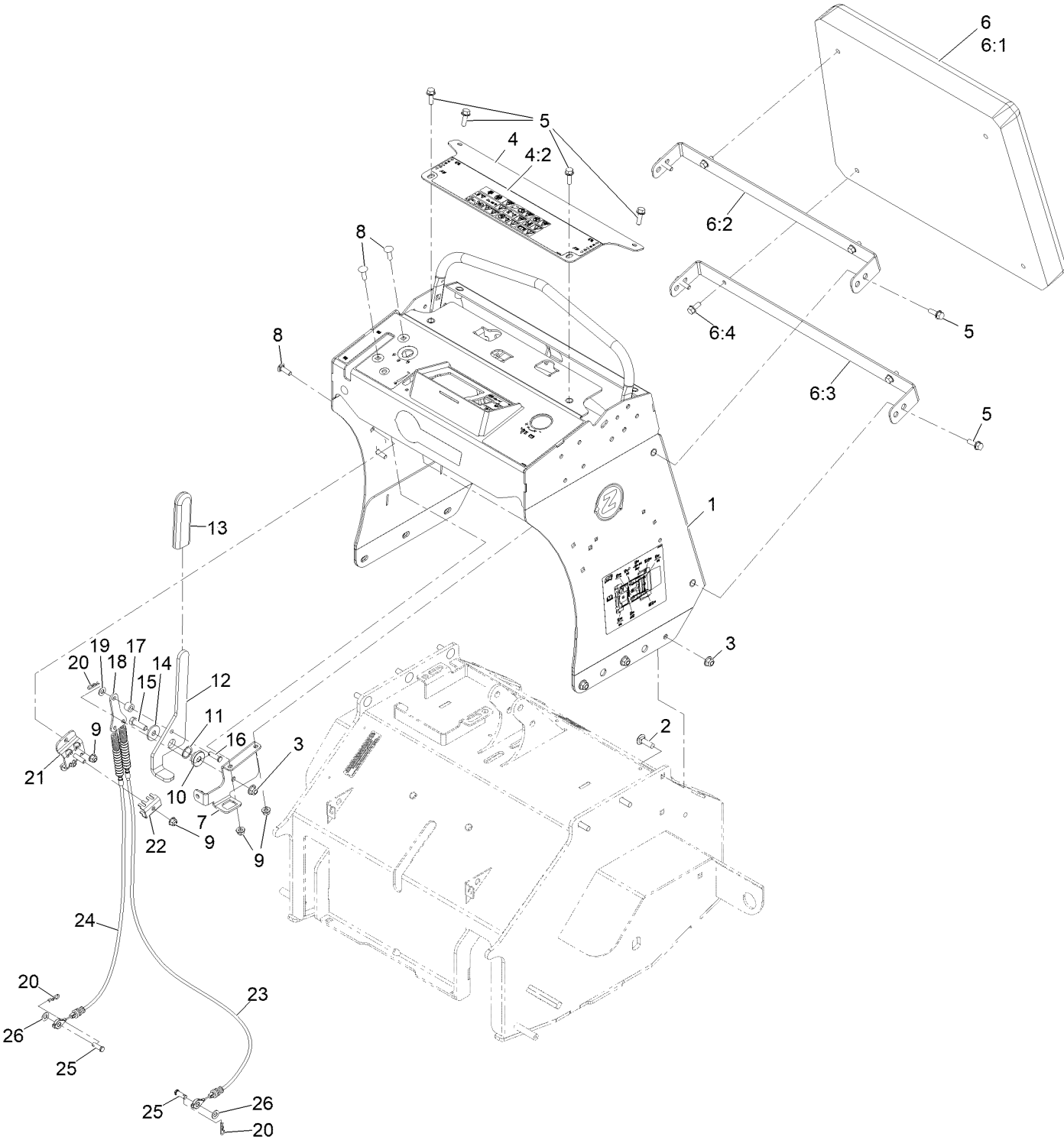


## Caster Wheel Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 135-1354-01        | 1           | Fork-Caster        |
| 2           | 142-4434           | 1           | Wheel And Tire ASM |
| 2:1         | 1-513810           | 2           | Bushing            |
| 2:2         | 1-513809           | 1           | Bearing            |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 2:3         | 302-61             | 1           | Fitting-Grease        |
| 3           | 325-20             | 1           | Screw-HH 1/2-13 X 6   |
| 4           | 3296-45            | 1           | Nut-Nyloc 1/2-13 Thin |
| 5           | 1-513547           | 1           | Spacer                |

# Tower Assembly

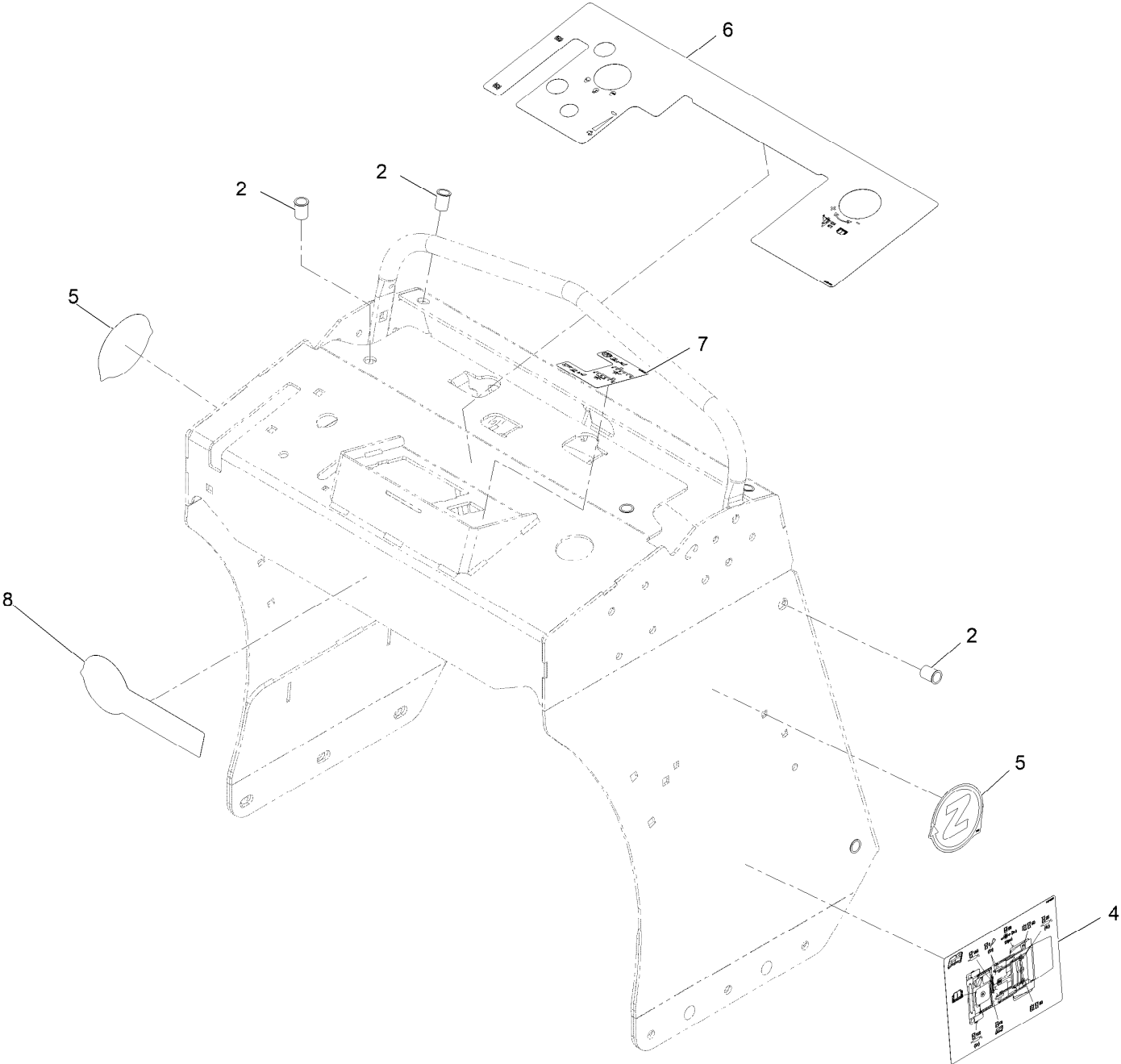


## Tower Assembly (continued)

| <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>      |
|-------------|--------------------|-------------|---------------------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 142-4437           | 1           | Control Tower ASM               | 11          | 119-4164           | 1           | Washer-Wave             |
| 2           | 3231-25            | 6           | Bolt-Carriage 3/8-16 X 1 1/4    | 12          | 135-1715           | 1           | Handle-Brake            |
| 3           | 104-8301           | 7           | Nut-Nyloc 3/8-16 Flg            | 13          | 1-633268           | 1           | Grip-Lever              |
| 4           | 135-1695           | 1           | Control Panel ASM               | 14          | 2844               | 1           | Washer                  |
| 4:2         | 135-2014           | 1           | Decal-Warning                   | 15          | 323-7              | 1           | Screw-HH 3/8-16 X 1 1/4 |
| 5           | 3234-29            | 8           | Screw-HH Flg 5/16-18 X 1        | 16          | 283-61             | 1           | Pin-Yoke                |
| 6           |                    | 1           | Cushion ASM ●                   | 17          | 114-8549           | 1           | Bushing                 |
| 6:1         | 135-1693           | 1           | Cushion-Grey                    | 18          | 132-1188           | 1           | Yoke-Cable              |
| 6:2         | 135-1712-03        | 1           | Bracket-Pad, Upper              | 19          | 93-6079            | 1           | Spacer-Nylon            |
| 6:3         | 135-1713-03        | 1           | Bracket-Pad, Lower              | 20          | 3290-307           | 3           | Pin-Cotter              |
| 6:4         | 98-9940            | 4           | Screw-HHF                       | 21          | 132-7582           | 1           | Mount-Cable, Brake      |
| 7           | 135-1714-03        | 1           | Bracket-Pivot, Brake            | 22          | 132-1187           | 1           | Clamp-Cable             |
| 8           | 3230-22            | 5           | Bolt-Carriage 5/16-18 X 1<br>Sp | 23          | 135-0081           | 1           | Cable-Brake, LH         |
| 9           | 104-8300           | 6           | Nut-Nyloc 5/16-18 Flg           | 24          | 135-0082           | 1           | Cable-Brake, RH         |
| 10          | 126-5989           | 1           | Pivot-Flange                    | 25          | 283-75             | 2           | Pin-Clevis 5/16 X 3/4   |
|             |                    |             |                                 | 26          | 3256-23            | 2           | Washer-5/16 SAE         |

● Not serviced separately

# Tower Assembly W/Decals

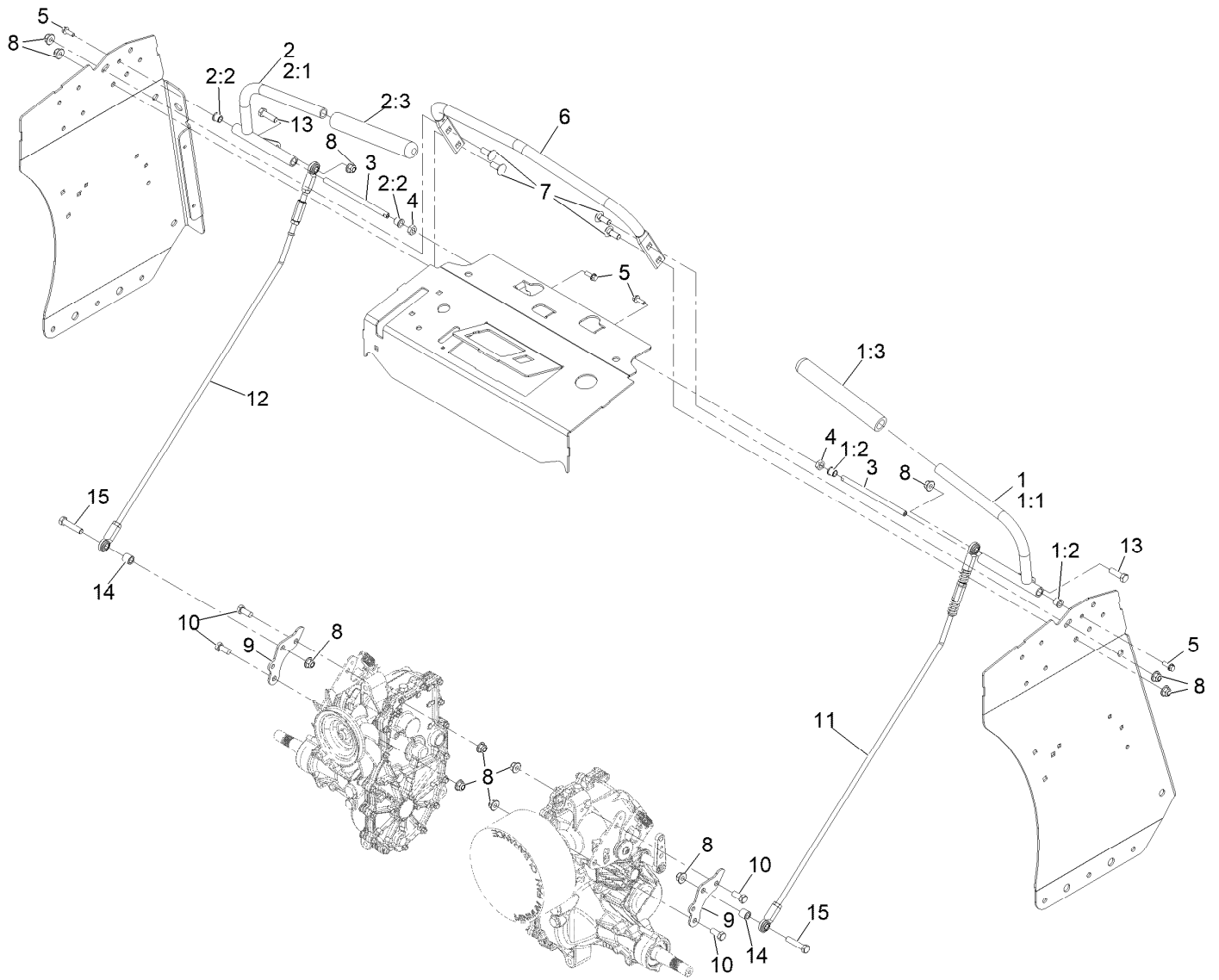


## Tower Assembly W/Decals (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 32148-7            | 8           | Nut-Clinch         |
| 4           | 135-3685           | 1           | Decal-Aid, Service |
| 5           | 142-3051           | 2           | Decal-Z-Logo       |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 6           | 135-2013           | 1           | Decal-Panel, Control   |
| 7           | 135-2016           | 1           | Decal-Control, Tine    |
| 8           | 142-5676           | 1           | Decal-Z-Aerate 24 Logo |

# Motion Controls

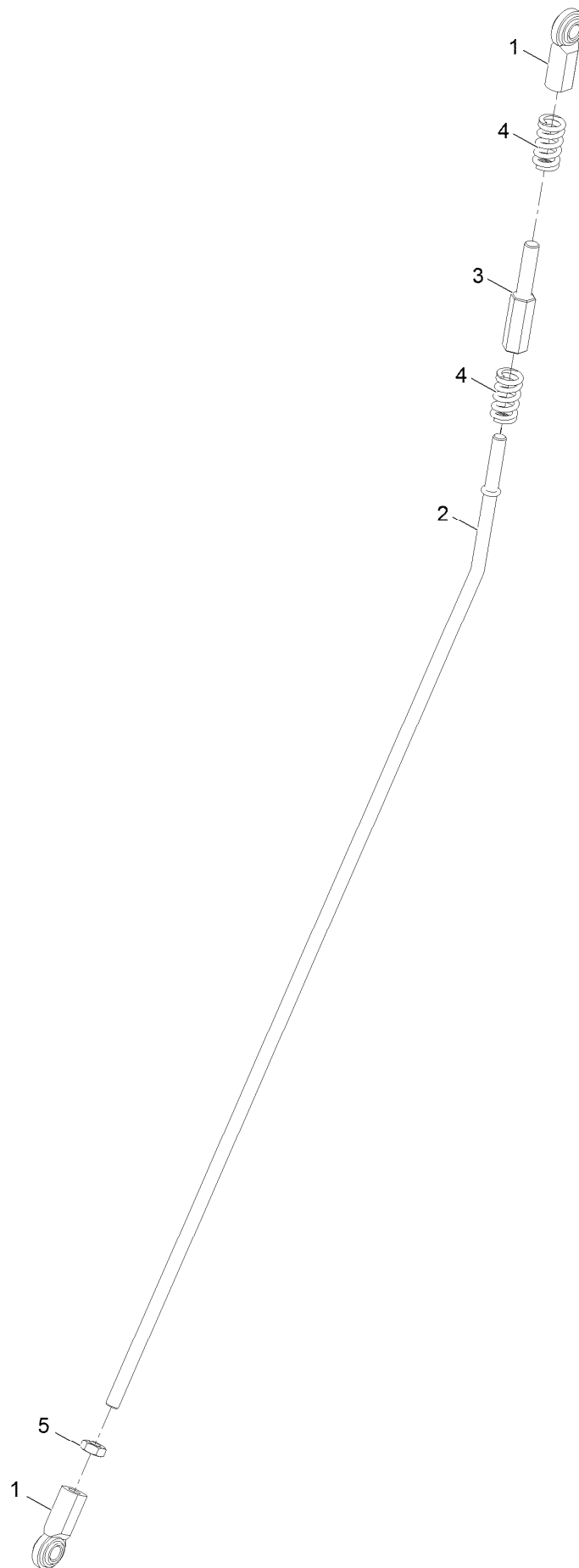


## Motion Controls (continued)

| <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>       |
|-------------|--------------------|-------------|-------------------------------|-------------|--------------------|-------------|--------------------------|
| 1           |                    | 1           | LH Motion Handle ASM ●        | 6           | 135-1557-01        | 1           | Bar-Reference            |
| 1:1         | 135-1575-03        | 1           | Handle-Control, LH            | 7           | 3231-2             | 4           | Bolt-Carriage 3/8-16 X 1 |
| 1:2         | 103-9928           | 2           | Bearing                       | 8           | 104-8301           | 12          | Nut-Nyloc 3/8-16 Flg     |
| 1:3         | 103-8153           | 1           | Grip-Lever, Control           | 9           | 135-0305           | 2           | Arm-Motion               |
| 2           |                    | 1           | RH Motion Handle ASM ●        | 10          | 323-5              | 4           | Screw-HH 3/8-16 X 7/8    |
| 2:1         | 135-1576-03        | 1           | Handle-Control, RH            | 11          |                    | 1           | LH Motion Linkage ASM ●  |
| 2:2         | 103-9928           | 2           | Bearing                       | 12          |                    | 1           | RH Motion Linkage ASM ●  |
| 2:3         | 103-8153           | 1           | Grip-Lever, Control           | 13          | 323-7              | 2           | Screw-HH 3/8-16 X 1 1/4  |
| 3           | 116-4978           | 2           | Shaft-Pivot, Motion Control   | 14          | 126-9682           | 2           | Spacer                   |
| 4           | 116-4198           | 2           | Spacer-Shaft, Drive Lever     | 15          | 323-9              | 2           | Screw-HH 3/8-16 X 1 3/4  |
| 5           | 117-8304           | 4           | Screw-Hex Flange 1/4-20 X 3/4 |             |                    |             |                          |

● Not serviced separately

# LH Motion Control Linkage Assembly

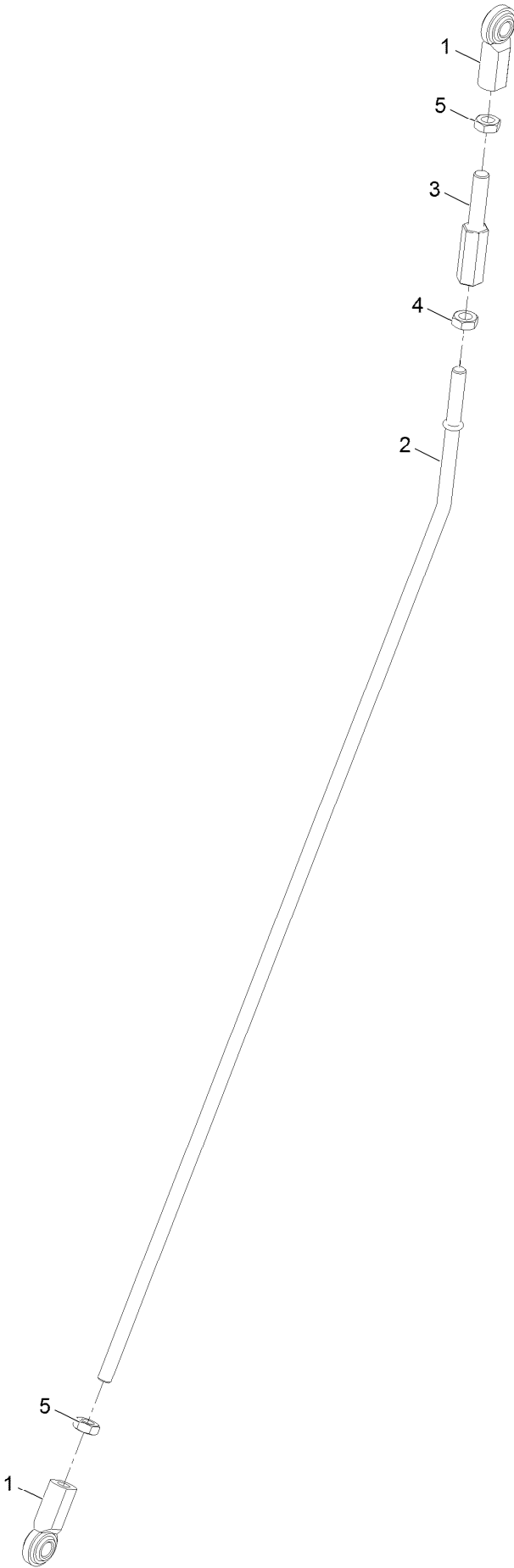


## LH Motion Control Linkage Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 103-0608           | 2           | Balljoint          |
| 2           | 135-1579           | 1           | Linkage-Motion     |
| 3           | 116-4755           | 1           | Rod-Adjustment     |

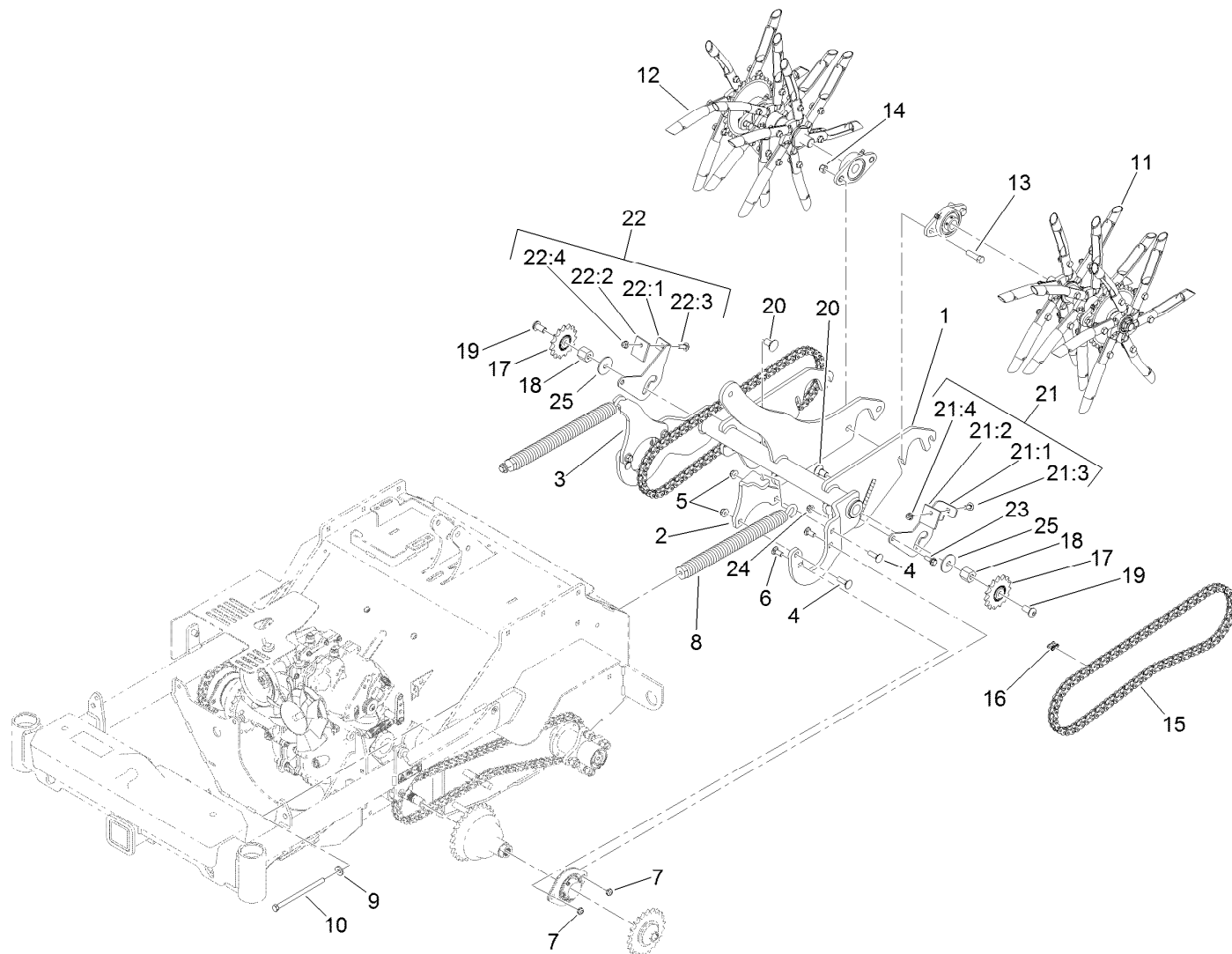
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 4           | 116-7560           | 2           | Spring-Compression |
| 5           | 3220-3             | 1           | Nut-Jam 3/8-24     |

# RH Motion Control Linkage Assembly



## RH Motion Control Linkage Assembly (continued)

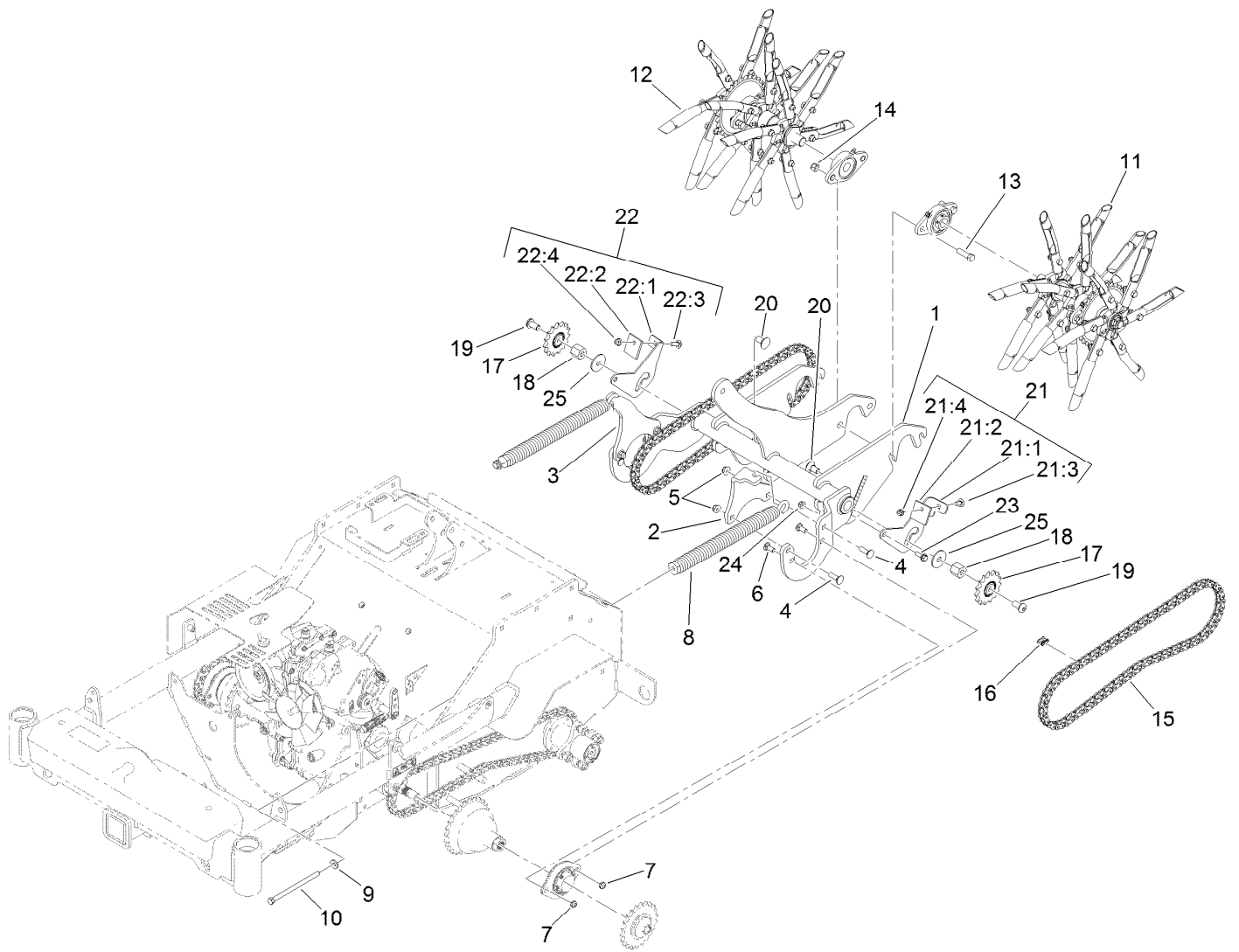
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|
| 1           | 103-0608           | 2           | Balljoint          | 4           | 3220-16            | 1           | Nut-Jam 3/8-24 LH  |
| 2           | 135-1579           | 1           | Linkage-Motion     | 5           | 3220-3             | 2           | Nut-Jam 3/8-24     |
| 3           | 116-4755           | 1           | Rod-Adjustment     |             |                    |             |                    |



## Tine Assembly

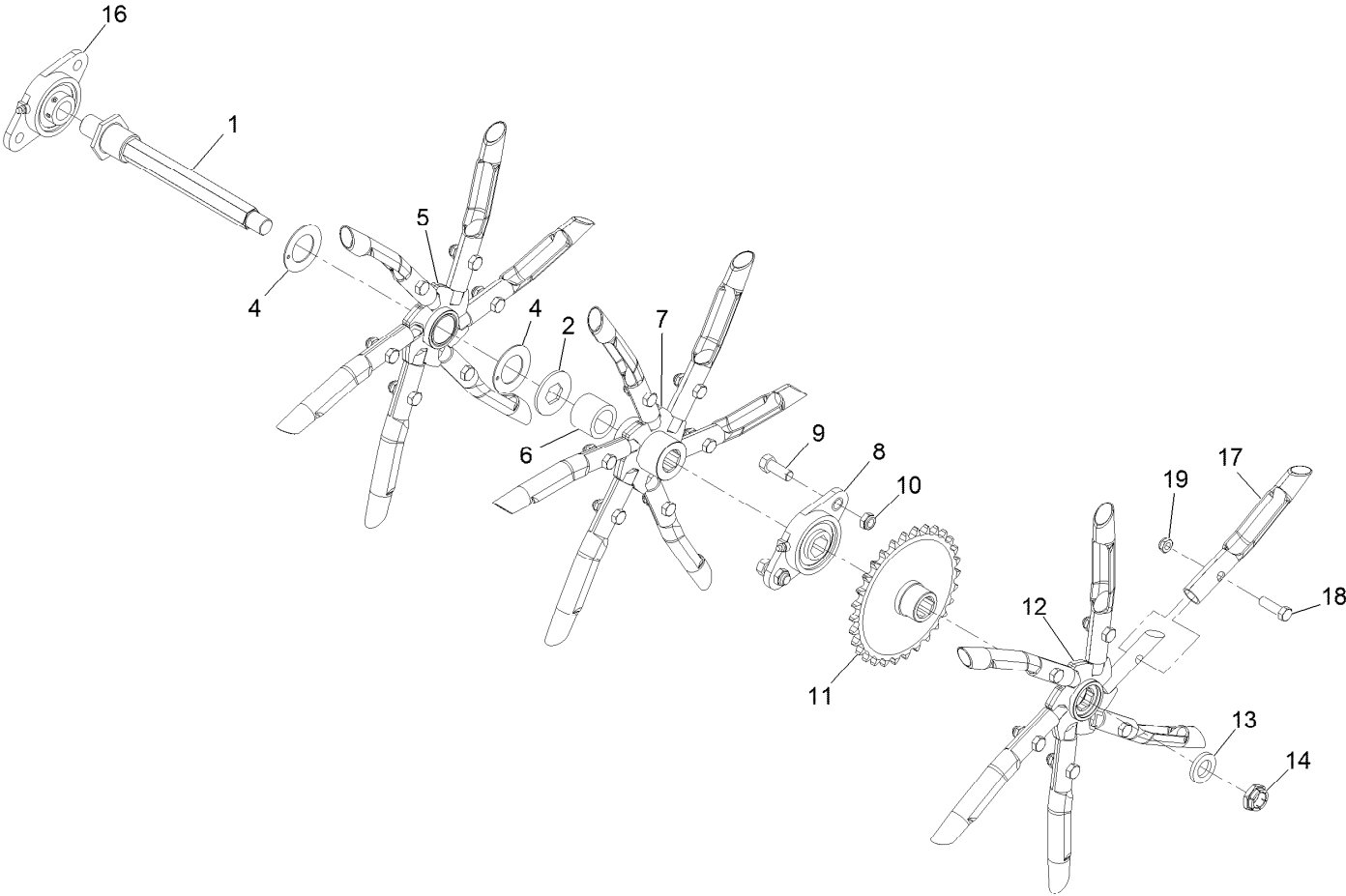
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 135-0810-03 | 1    | Lift-Tine           |
| 2    | 135-1060-03 | 1    | Arm-Spring, LH      |
| 3    | 135-1061-03 | 1    | Arm-Spring, RH      |
| 4    | 3231-25     | 4    | Bolt-CARR           |
| 5    | 104-8301    | 4    | Nut-HF, NI          |
| 6    | 3231-12     | 4    | Bolt-CARR           |
| 7    | 3296-59     | 4    | Nut-Lock, NI        |
| 8    | 116-0000    | 2    | Spring-Extension    |
| 9    | 98-5975     | 2    | Washer-Belleville   |
| 10   | 323-58      | 2    | Bolt-TAP, HH        |
| 11   | 126-9550    | 1    | LH Tine Wheel ASM   |
| 12   | 126-9551    | 1    | RH Tine Wheel ASM   |
| 13   | 324-6       | 2    | Screw-HH            |
| 14   | 126-9780    | 2    | Nut-Lock            |
| 15   | 135-1100    | 2    | Chain-Roller        |
| 16   | 116-6897    | 2    | Link-Connecting     |
| 17   | 126-9108    | 2    | Sprocket-Idler, 15T |
| 18   | 135-2242    | 2    | Spacer              |

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 19   | 99-8446     | 2    | Screw- Pan Socket Head         |
| 20   | 3233-9      | 2    | Screw-CARR                     |
| 21   | 135-2405    | 1    | LH Debris Deflector ASM        |
| 21:1 | 135-2325    | 1    | Bracket-Deflector, Debris (LH) |
| 21:2 | 135-2403    | 1    | Deflector-Debris               |
| 21:3 | 3230-10     | 1    | Bolt-CARR                      |
| 21:4 | 104-8300    | 1    | Nut-HF, NI                     |
| 22   | 135-2404    | 1    | RH Debris Deflector ASM        |
| 22:1 | 135-2406    | 1    | Bracket-Deflector, Debris (RH) |
| 22:2 | 135-2403    | 1    | Deflector-Debris               |
| 22:3 | 3230-10     | 1    | Bolt-CARR                      |
| 22:4 | 104-8300    | 1    | Nut-HF, NI                     |
| 23   | 27-0410     | 2    | Screw-Shoulder                 |
| 24   | 104-8300    | 2    | Nut-HF, NI                     |
| 25   | 120-3856    | 2    | Washer-Flat                    |



## Tine Assembly (continued)

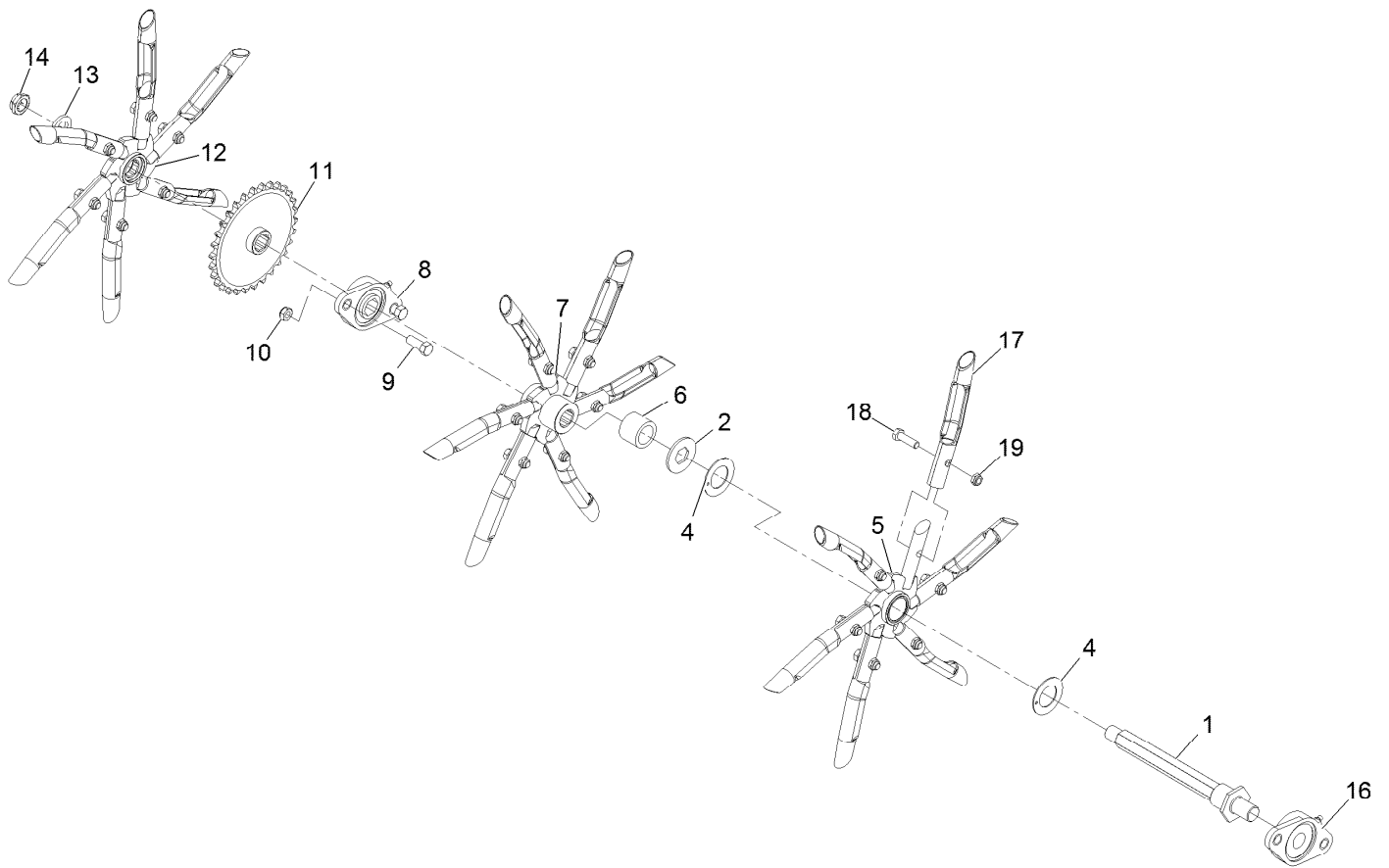
# LH Tine Wheel Assembly



## LH Tine Wheel 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>      |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 135-2980           | 1           | Tine Shaft ASM        | 11          | 126-9624           | 1           | Sprocket ASM            |
| 2           | 135-2977           | 1           | Keeper-Tine, Floating | 12          | 126-9630           | 1           | Driven Spyder ASM       |
| 4           | 126-9619           | 2           | Washer-Thrust         | 13          | 135-0502           | 1           | Washer-Spacer           |
| 5           | 126-9540           | 1           | Floating Spyder ASM   | 14          | 135-1528           | 1           | Nut-Lock                |
| 6           | 126-9715           | 1           | Spacer-Tine           | 16          | 126-9704           | 1           | Bearing-Round Bore      |
| 7           | 126-9625           | 1           | Driven Spyder ASM     | 17          | 126-2143           | 18          | Tine-Coring (3/4 Inch)  |
| 8           | 126-9705           | 1           | Bearing-Hex Bore      | 18          | 323-7              | 18          | Screw-HH 3/8-16 X 1 1/4 |
| 9           | 126-9822           | 2           | Screw-HH              | 19          | 3296-59            | 18          | Nut-Nyloc 3/8-16 Thin   |
| 10          | 126-9780           | 2           | Nut-Lock              |             |                    |             |                         |

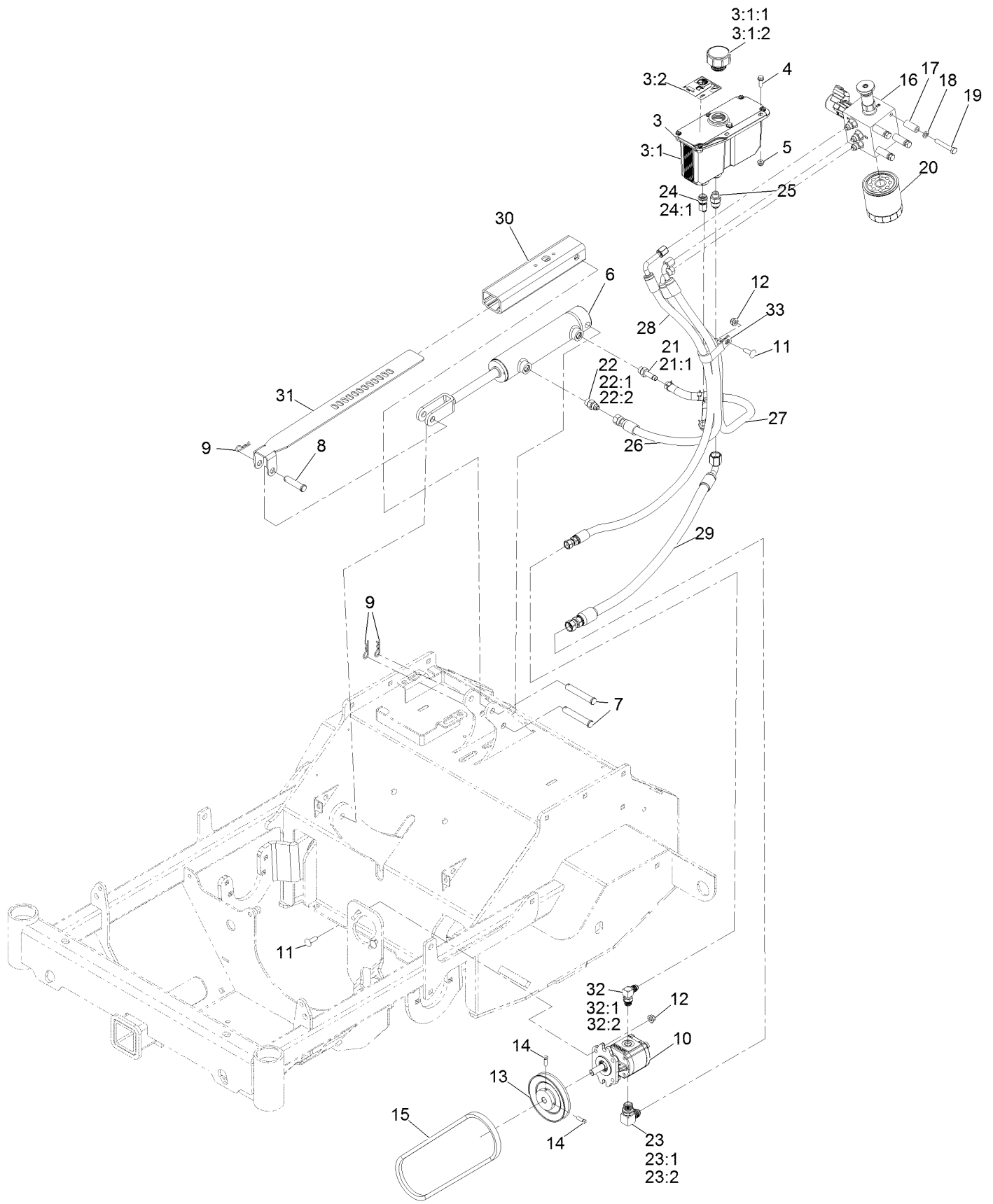
# RH Tine Wheel Assembly



## RH Tine Wheel 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>      |
|-------------|--------------------|-------------|-----------------------|-------------|--------------------|-------------|-------------------------|
| 1           | 135-2980           | 1           | Tine Shaft ASM        | 11          | 126-9624           | 1           | Sprocket ASM            |
| 2           | 135-2977           | 1           | Keeper-Tine, Floating | 12          | 126-9630           | 1           | Driven Spyder ASM       |
| 4           | 126-9619           | 2           | Washer-Thrust         | 13          | 135-0502           | 1           | Washer-Spacer           |
| 5           | 126-9540           | 1           | Floating Spyder ASM   | 14          | 135-1528           | 1           | Nut-Lock                |
| 6           | 126-9715           | 1           | Spacer-Tine           | 16          | 126-9704           | 1           | Bearing-Round Bore      |
| 7           | 126-9625           | 1           | Driven Spyder ASM     | 17          | 126-2143           | 18          | Tine-Coring (3/4 Inch)  |
| 8           | 126-9705           | 1           | Bearing-Hex Bore      | 18          | 323-7              | 18          | Screw-HH 3/8-16 X 1 1/4 |
| 9           | 126-9822           | 2           | Screw-HH              | 19          | 3296-59            | 18          | Nut-Nyloc 3/8-16 Thin   |
| 10          | 126-9780           | 2           | Nut-Lock              |             |                    |             |                         |

# Auxiliary Hydraulic Assembly

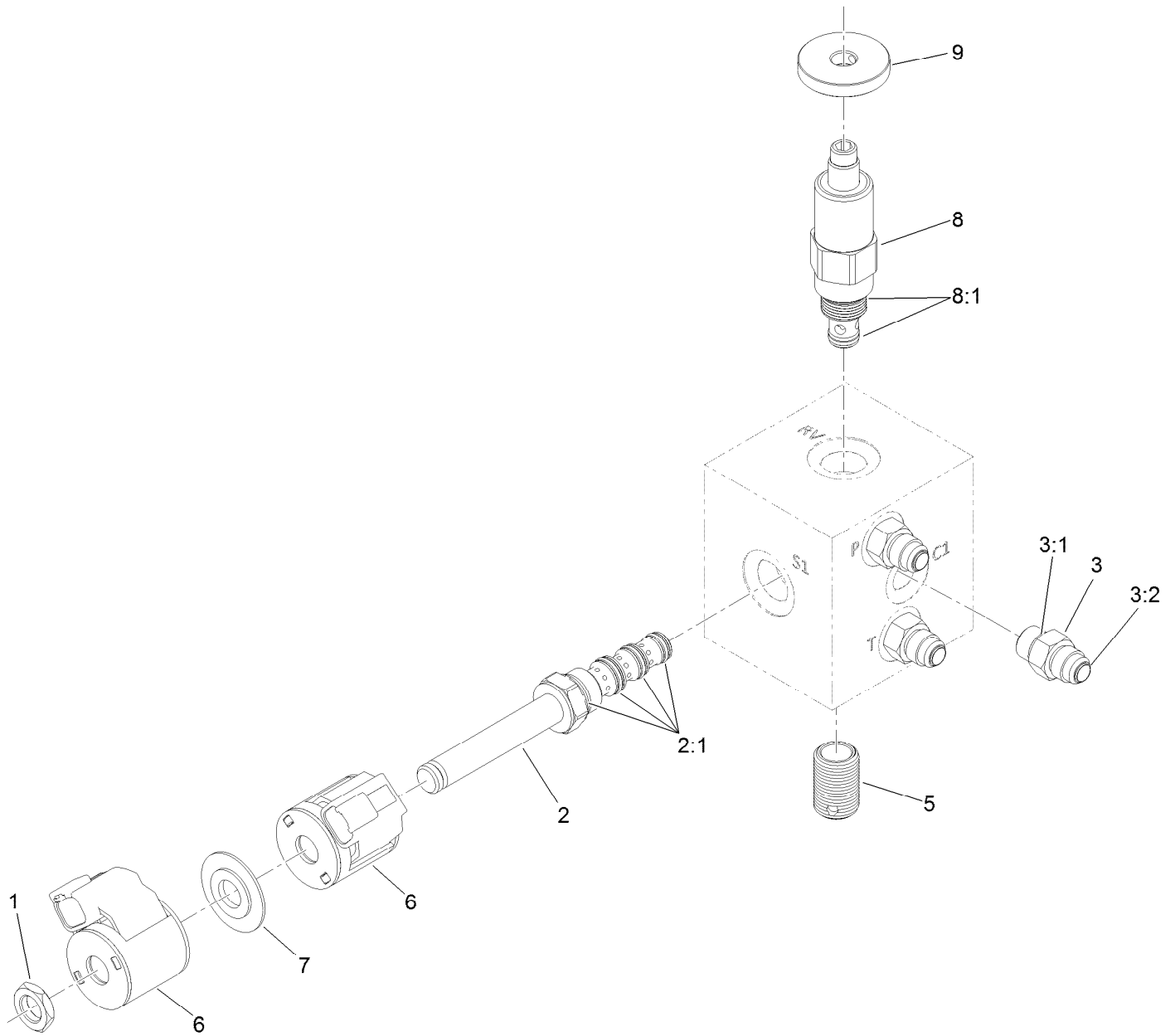


## Auxiliary Hydraulic Assembly (continued)

| <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>     |
|-------------|--------------------|-------------|---------------------------------|-------------|--------------------|-------------|------------------------|
| 3           | 116-2066           | 1           | Reservoir ASM                   | 21          | 103-1912           | 1           | Adapter-Straight       |
| 3:1         |                    | 1           | Reservoir-HYD ●                 | 21:1        | 237-42             | 1           | O-Ring                 |
| 3:1:1       | 103-1948           | 1           | Cap-Reservoir, HYD              | 22          | 103-2156           | 1           | Adapter-Straight       |
| 3:1:2       | 103-1949           | 1           | Gasket-Cap                      | 22:1        | 1-603921           | 1           | O-Ring-SAE #6          |
| 3:2         | 115-4212           | 1           | Decal-Warning                   | 22:2        | 103-1020           | 1           | O-Ring-37 Flare #6     |
| 4           | 32105-15           | 2           | Screw-Machine 1/4-20 X 3/4      | 23          | 103-2153           | 1           | Elbow-90°              |
| 5           | 104-7201           | 2           | Nut-Nyloc 1/4-20 Flg            | 23:1        | 1-603920           | 1           | O-Ring-SAE #8          |
| 6           | 126-9861           | 1           | Cylinder-Hydraulic              | 23:2        | 1-603992           | 1           | O-Ring-37 Flare #8     |
| 7           | 283-55             | 2           | Pin-Clevis                      | 24          | 103-1807           | 1           | Fitting-Barbed, 45 DEG |
| 8           | 42195              | 1           | Pin-Clevis                      | 24:1        | 237-42             | 1           | O-Ring                 |
| 9           | 3290-467           | 3           | Pin-Hair                        | 25          | 126-9952           | 1           | Fitting-STR            |
| 10          | 126-9796           | 1           | Pump-Hydraulic                  | 26          | 126-9468           | 1           | Hydraulic Hose ASM     |
| 11          | 3230-22            | 3           | Bolt-Carriage 5/16-18 X 1<br>Sp | 27          | 126-9469           | 1           | Hydraulic Hose ASM     |
| 12          | 104-8300           | 3           | Nut-Nyloc 5/16-18 Flg           | 28          | 126-9470           | 1           | Hydraulic Hose ASM     |
| 13          | 116-6667           | 1           | Pulley                          | 29          | 126-9471           | 1           | Hydraulic Hose ASM     |
| 14          | 3241-6             | 2           | Screw-SQH                       | 30          | 135-1224           | 1           | Housing-Depth Control  |
| 15          | 126-9803           | 1           | Belt-V                          | 31          | 135-1385           | 1           | Bracket-Depth Control  |
| 16          | 126-9321           | 1           | Manifold ASM                    | 32          | 103-2155           | 1           | Adapter-90°            |
| 17          | 103-0384           | 4           | Spacer                          | 32:1        | 1-603921           | 1           | O-Ring-SAE #6          |
| 18          | 3253-4             | 4           | Washer-Lock 5/16                | 32:2        | 103-1020           | 1           | O-Ring-37 Flare #6     |
| 19          | 322-10             | 4           | Screw-HH 5/16-18 X 2            | 33          | 2412-137           | 1           | Clamp-R, Double        |
| 20          | 109-4180           | 1           | Element, Oil Filter             |             |                    |             |                        |

● Not serviced separately

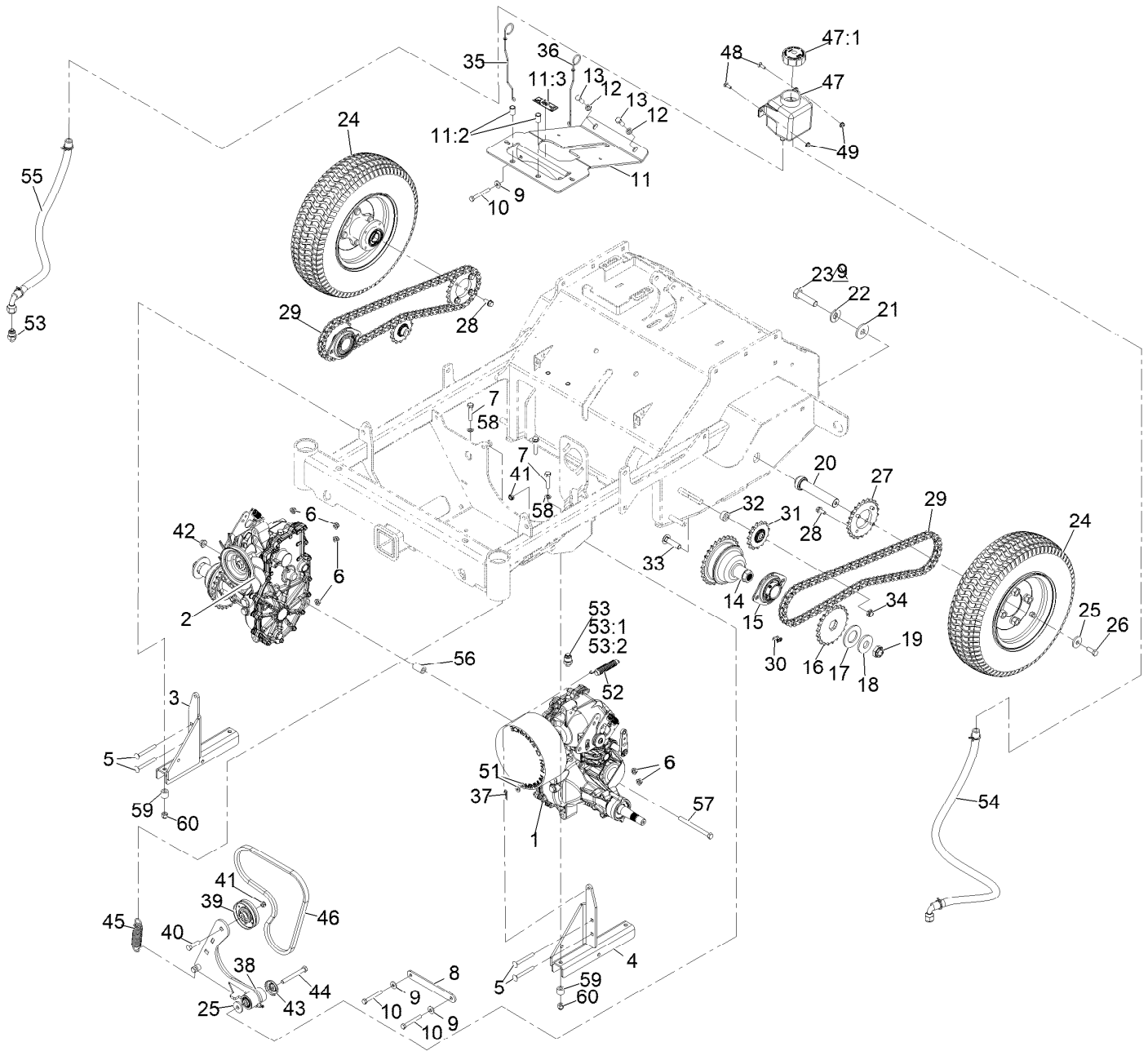
# Manifold Assembly No. 126-9321



## Manifold Assembly No. 126-9321 (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>        |
|-------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|---------------------------|
| 1           | 110-2634           | 1           | Nut-Coil           | 5           | 127-3885           | 1           | Nipple-Filter             |
| 2           | 126-9379           | 1           | Valve-Solenoid     | 6           | 112-0197           | 2           | E Coil-12V DC             |
| 2:1         | 112-6520           | 1           | Seal Kit           | 7           | 120-2586           | 1           | Spacer-Coil               |
| 3           | 103-2156           | 3           | Fitting-Straight   | 8           | 135-1855           | 1           | Valve-Relief, Poppet Type |
| 3:1         | 1-603921           | 1           | O-Ring             | 8:1         | 126-9388           | 1           | Seal Kit                  |
| 3:2         | 103-1020           | 1           | O-Ring             | 9           | 116-9396           | 1           | Knob (1.5 DIA)            |

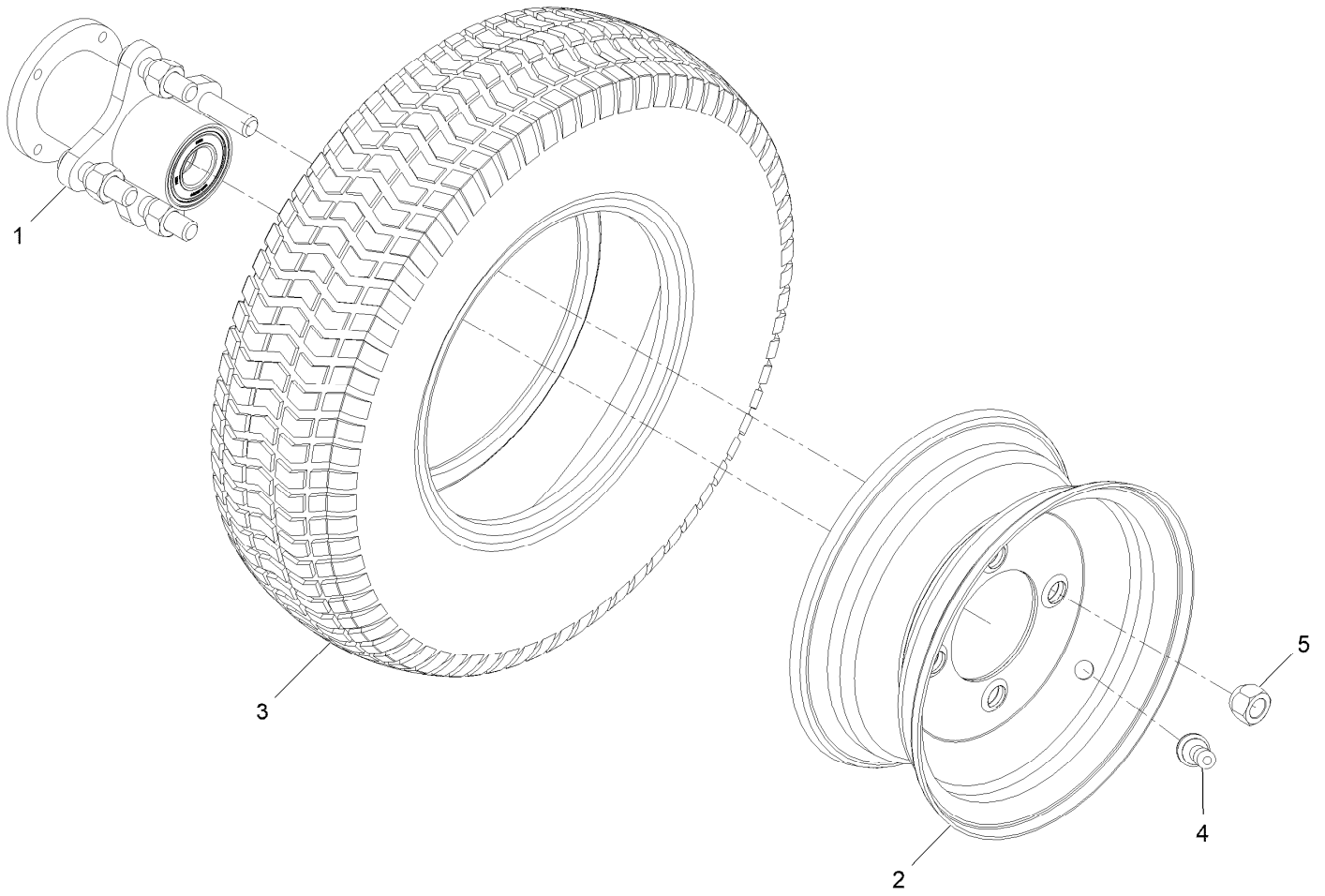
# Ground Drive Assembly



## Ground 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>         |
|-------------|--------------------|-------------|-------------------------------|-------------|--------------------|-------------|----------------------------|
| 1           | 126-9064           | 1           | Hydro-Zt3100, LH              | 31          | 126-9108           | 2           | Sprocket-Idler, 15T        |
| 2           | 126-9065           | 1           | Hydro-Zt3100, RH              | 32          | 126-9498           | 2           | Spacer                     |
| 3           | 135-2004-03        | 1           | Mount-Hydro, RH               | 33          | 3233-4             | 2           | Screw-CARR                 |
| 4           | 135-2006-03        | 1           | Mount-Hydro, LH               | 34          | 3296-45            | 2           | Nut-Nyloc 1/2-13 Thin      |
| 5           | 3230-9             | 4           | Bolt-Carriage 5/16-18 X 2 3/4 | 35          | 135-0683           | 1           | Rod-Bypass, LH             |
| 6           | 104-8300           | 8           | Nut-Nyloc 5/16-18 Flg         | 36          | 135-0685           | 1           | Rod-Bypass, RH             |
| 7           | 323-52             | 4           | Screw-HH 3/8-16 X 1 3/4       | 37          | 3290-307           | 2           | Pin-Cotter                 |
| 8           | 126-9092-03        | 1           | Crossmember-Transmission      | 38          | 126-9116           | 1           | Idler Arm ASM              |
| 9           | 1-303334           | 4           | Washer-Spring Disc 5/16       | 39          | 116-9715           | 1           | Pulley-Idler               |
| 10          | 132-3838           | 4           | Screw-HH                      | 40          | 323-29             | 1           | Screw-HH 3/8-16 X 1 3/8    |
| 11          | 135-2497           | 1           | Support-Cover                 | 41          | 3296-59            | 2           | Nut-Nyloc 3/8-16 Thin      |
| 11:2        | 32148-10           | 2           | Nut-Clinch                    | 42          | 104-8301           | 1           | Nut-Nyloc 3/8-16 Flg       |
| 11:3        | 121-6161           | 1           | Decal-Danger                  | 43          | 103-2916           | 1           | Guard-Top                  |
| 12          | 3253-21            | 2           | Washer-Lock 3/8               | 44          | 323-20             | 1           | Screw-HH 3/8-16 X 3-1/4    |
| 13          | 323-6              | 2           | Screw-HH 3/8-16 X 1           | 45          | 1-603402           | 1           | Spring-Extension           |
| 14          | 135-0537           | 2           | Hub-Bell                      | 46          | 126-9834           | 1           | Belt-V, Cogged             |
| 15          | 135-1056           | 2           | Bearing-Flanged               | 47          | 109-2250           | 1           | Tank-HYD                   |
| 16          | 135-0347           | 2           | Sprocket                      | 47:1        | 109-3320           | 1           | Cap-Reservoir, HYD         |
| 17          | 135-0360           | 2           | Washer-Spacer                 | 48          | 3229-1             | 2           | Bolt-Carriage 1/4-20 X 3/4 |
| 18          | 26-1990            | 2           | Washer-Belleville             | 49          | 104-7201           | 2           | Nut-Nyloc 1/4-20 Flg       |
| 19          | 116-2839           | 2           | Nut-Lock                      | 51          | 119-8952           | 4           | Washer                     |
| 20          | 135-1895           | 2           | Axle-Wheel, Drive             | 52          | 109-7124           | 2           | Spring-Extension           |
| 21          | 135-1894           | 2           | Washer-Spacer                 | 53          | 135-3138           | 2           | Fitting-Straight           |
| 22          | 125-1736           | 2           | Washer-Belleville             | 53:1        | 237-78             | 1           | O-Ring                     |
| 23          | 327-7              | 2           | Screw-HH                      | 53:2        | 1-603992           | 1           | O-Ring-37 Flare #8         |
| 24          | 142-4438           | 2           | Wheel And Tire ASM            | 54          | 135-0061           | 1           | Hose ASM                   |
| 25          | 53-6380            | 3           | Washer-Flat                   | 55          | 135-0062           | 1           | Hose ASM                   |
| 26          | 3235-22            | 2           | Screw-HH, Lock                | 56          | 135-0124           | 1           | Spacer                     |
| 27          | 126-9075           | 2           | Sprocket                      | 57          | 323-23             | 1           | Screw-HH 3/8-16 X 4-1/2    |
| 28          | 98-9940            | 8           | Screw-HHF                     | 58          | 106-5592           | 4           | Spacer-Brake, Parking      |
| 29          | 135-1100           | 2           | Chain-Roller                  | 59          | 98-8895            | 4           | Spacer                     |
| 30          | 116-6897           | 2           | Link-Connecting               | 60          | 112-0236           | 4           | Nut-Lock                   |

# Wheel and Tire Assembly

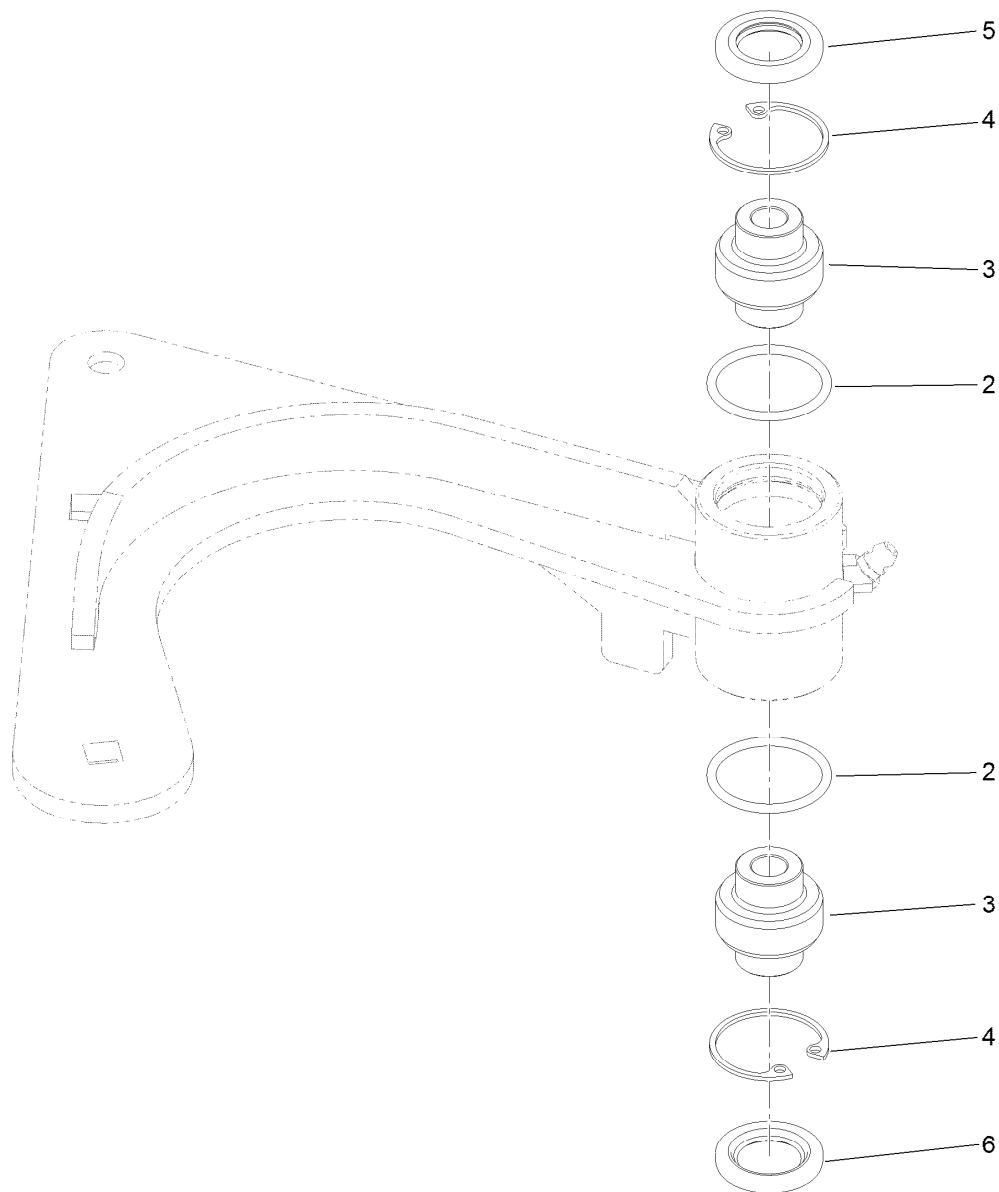


## Wheel and Tire Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           |                    | 1           | Wheel Hub ASM ●    |
| 2           |                    | 1           | Rim ●              |
| 3           |                    | 1           | Tire ●             |

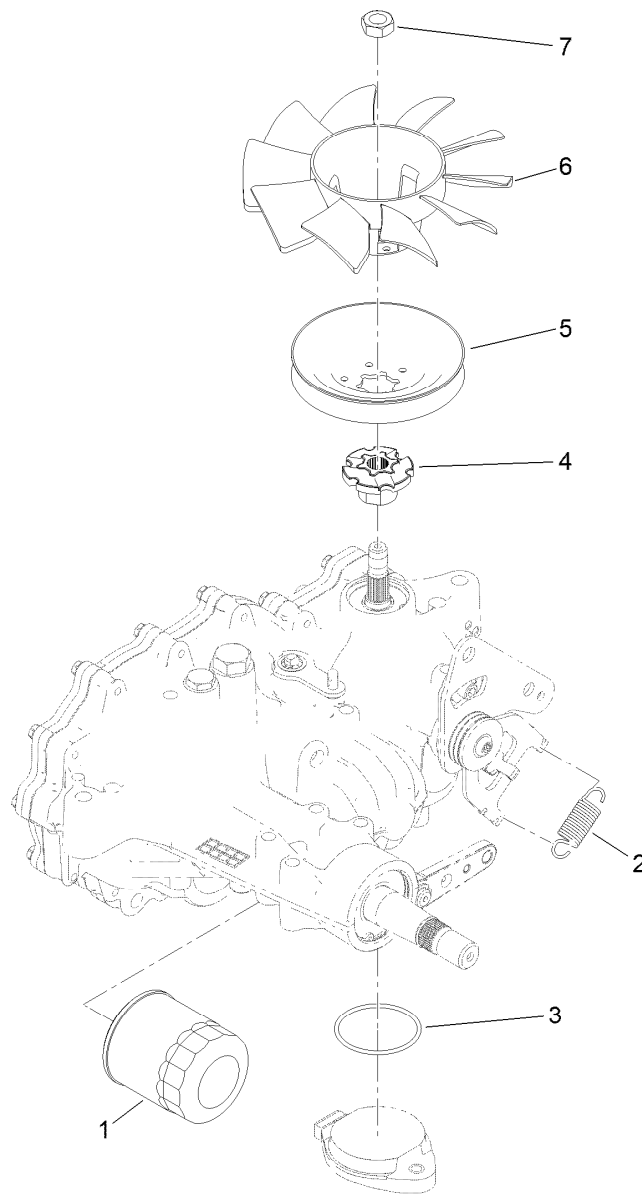
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 4           | 232-27             | 1           | Stem-Valve         |
| 5           | 242-50             | 4           | Nut-Lug            |

● Not serviced separately



## Idler Arm Assembly No. 126-9116

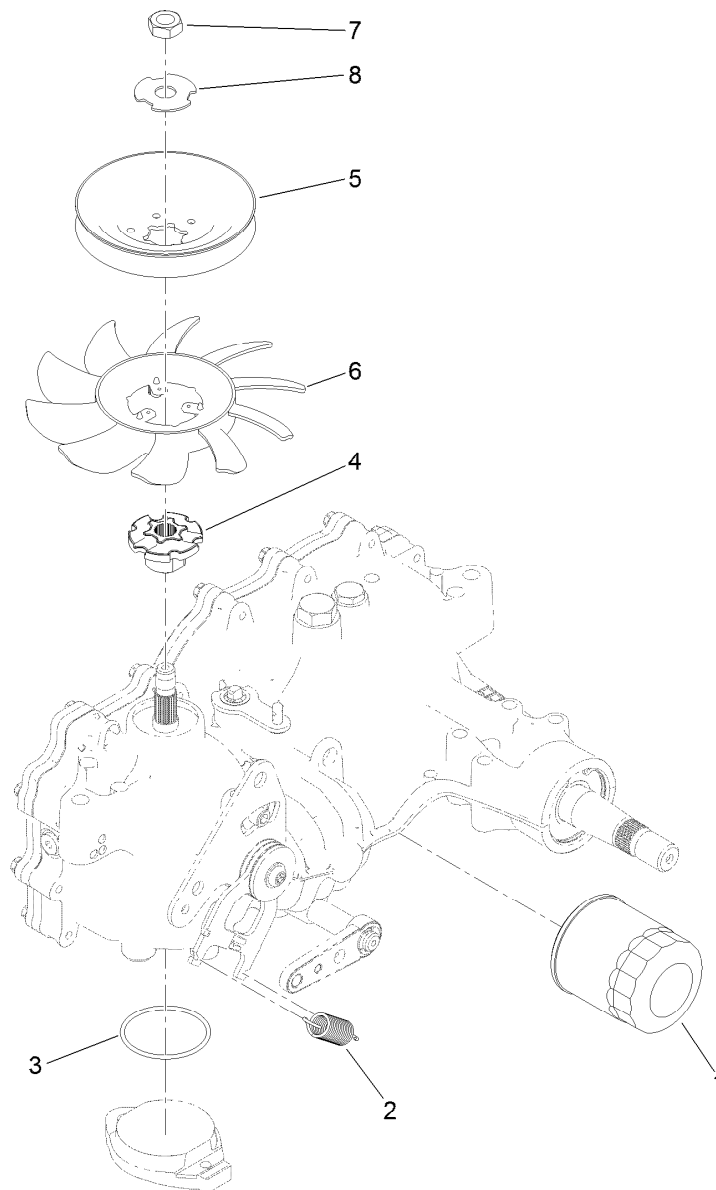
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 2    | 106-7159    | 2    | O-Ring            |
| 3    | 103-3504    | 2    | Bearing-Spherical |
| 4    | 32120-10    | 2    | Ring-Snap         |
| 5    | 103-3505    | 1    | Seal-Lip, Double  |
| 6    | 103-3506    | 1    | Seal-Lip, Single  |



## LH Transaxle Assembly No. 126-9064

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 109-3321    | 1    | Element-Oil Filter, HYD |
| 2    | 135-3931    | 1    | Spring-Extension        |
| 3    | 109-3540    | 1    | O Ring-Seal             |
| 4    | 116-9705    | 1    | Hub-Pulley              |
| 5    | 116-9707    | 1    | Pulley                  |
| 6    | 126-0291    | 1    | Fan-7.0 Inch (10 Blade) |
| 7    | 116-9714    | 1    | Nut-HJ                  |
| 99   | 135-3604    | 1    | Brake Shaft Seal Kit ●  |

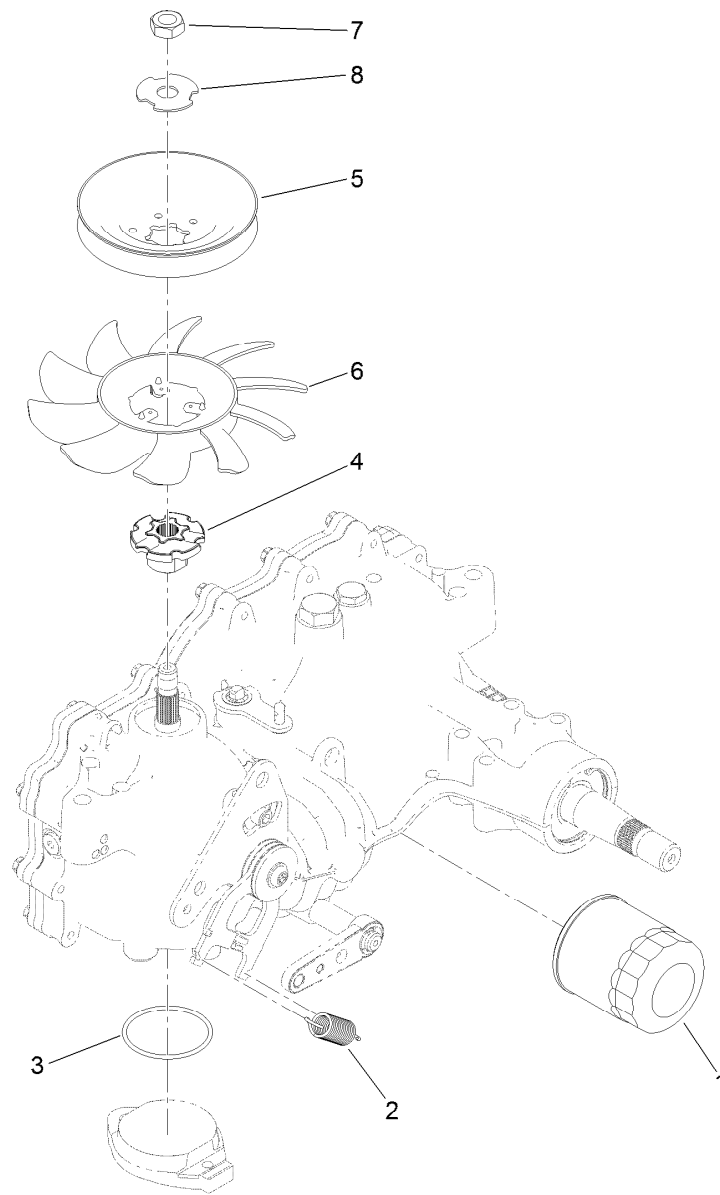
● Not illustrated



## RH Transaxle Assembly No. 126-9065

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 109-3321    | 1    | Element-Oil Filter, HYD |
| 2    | 135-3931    | 1    | Spring-Extension        |
| 3    | 109-3540    | 1    | O Ring-Seal             |
| 4    | 116-9705    | 1    | Hub-Pulley              |
| 5    | 116-9707    | 1    | Pulley                  |
| 6    | 116-9706    | 1    | Fan                     |
| 7    | 116-9714    | 1    | Nut-HJ                  |
| 8    | 116-9708    | 1    | Washer-Slotted          |
| 99   | 135-3604    | 1    | Brake Shaft Seal Kit ●  |

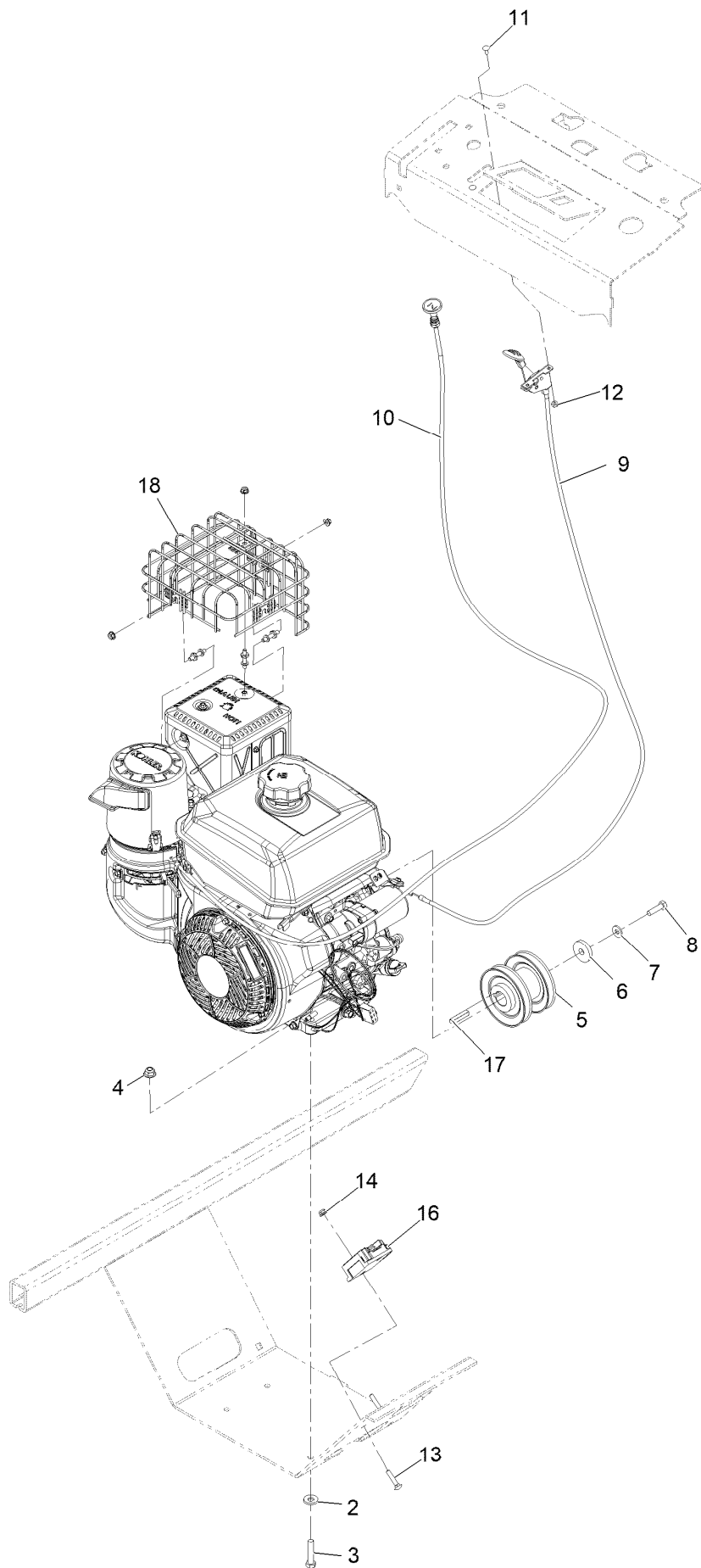
● Not illustrated



## RH Transaxle Assembly No. 126-9065 (continued)

● Not illustrated

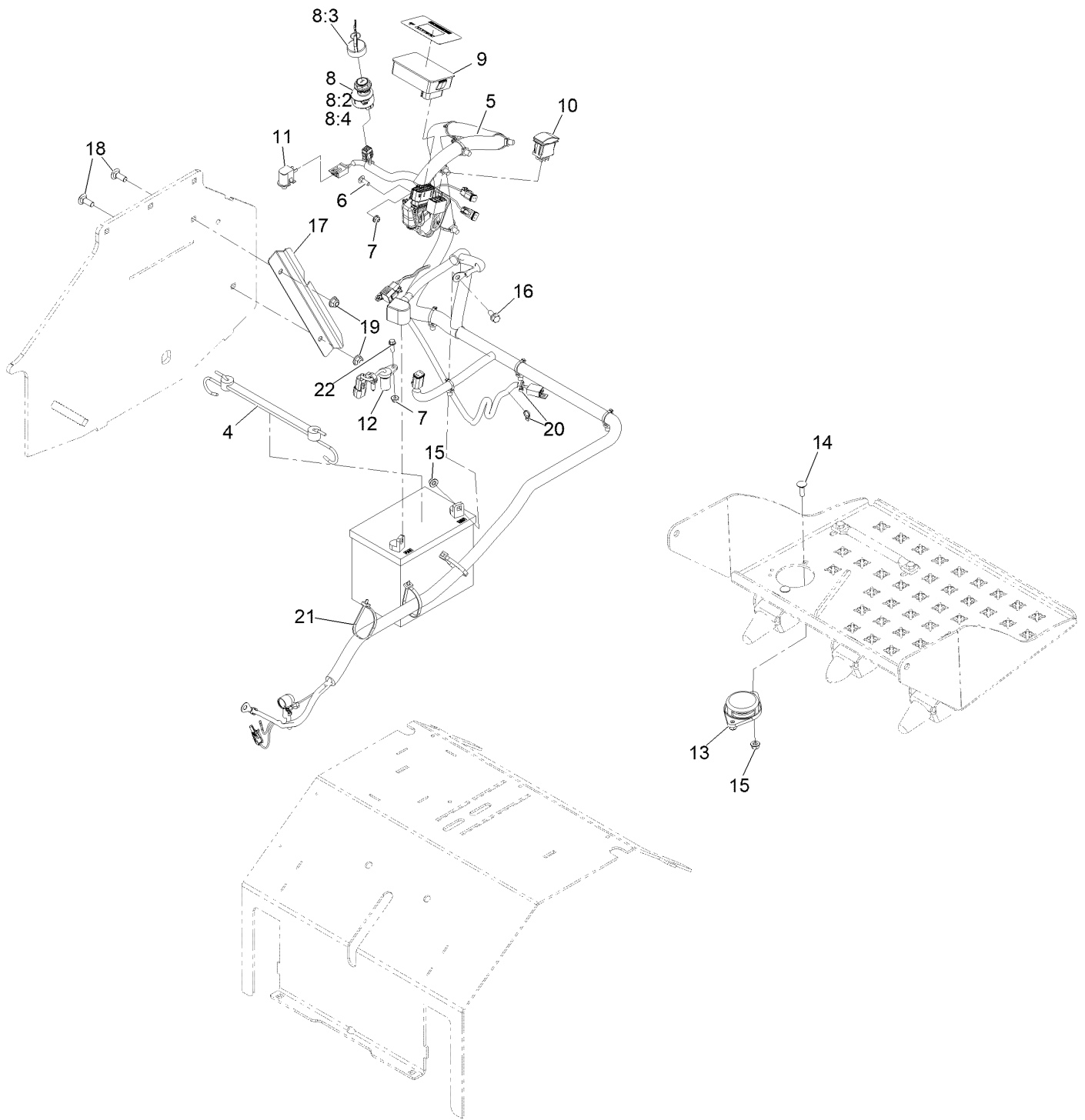
# Engine Assembly



## Engine 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           | 98-5975            | 4           | Washer-Spring Disc 3/8  | 10          | 135-2133           | 1           | Cable-Choke, Push/Pull       |
| 3           | 323-9              | 4           | Screw-HH 3/8-16 X 1 3/4 | 11          | 1-807513           | 2           | Bolt-Carriage #10-24 X 1/2   |
| 4           | 104-8301           | 4           | Nut-Nyloc 3/8-16 Flg    | 12          | 3296-2             | 2           | Nut-Nyloc #10-24             |
| 5           | 126-9142           | 1           | Pulley                  | 13          | 3229-3             | 2           | Bolt-Carriage 1/4-20 X 1 1/4 |
| 6           | 1-543610           | 1           | Washer                  | 14          | 104-7201           | 2           | Nut-Nyloc 1/4-20 Flg         |
| 7           | 1-303334           | 1           | Washer-Spring Disc 5/16 | 16          | 126-9904           | 1           | Regulator                    |
| 8           | 33114-030          | 1           | Screw-HH M8-1.25 X 30Mm | 17          | 135-3980           | 1           | Key-Square, 7Mm              |
| 9           | 109-3958           | 1           | Control-Throttle        | 18          | 135-3366           | 1           | Kit-Muffler Birdcage         |

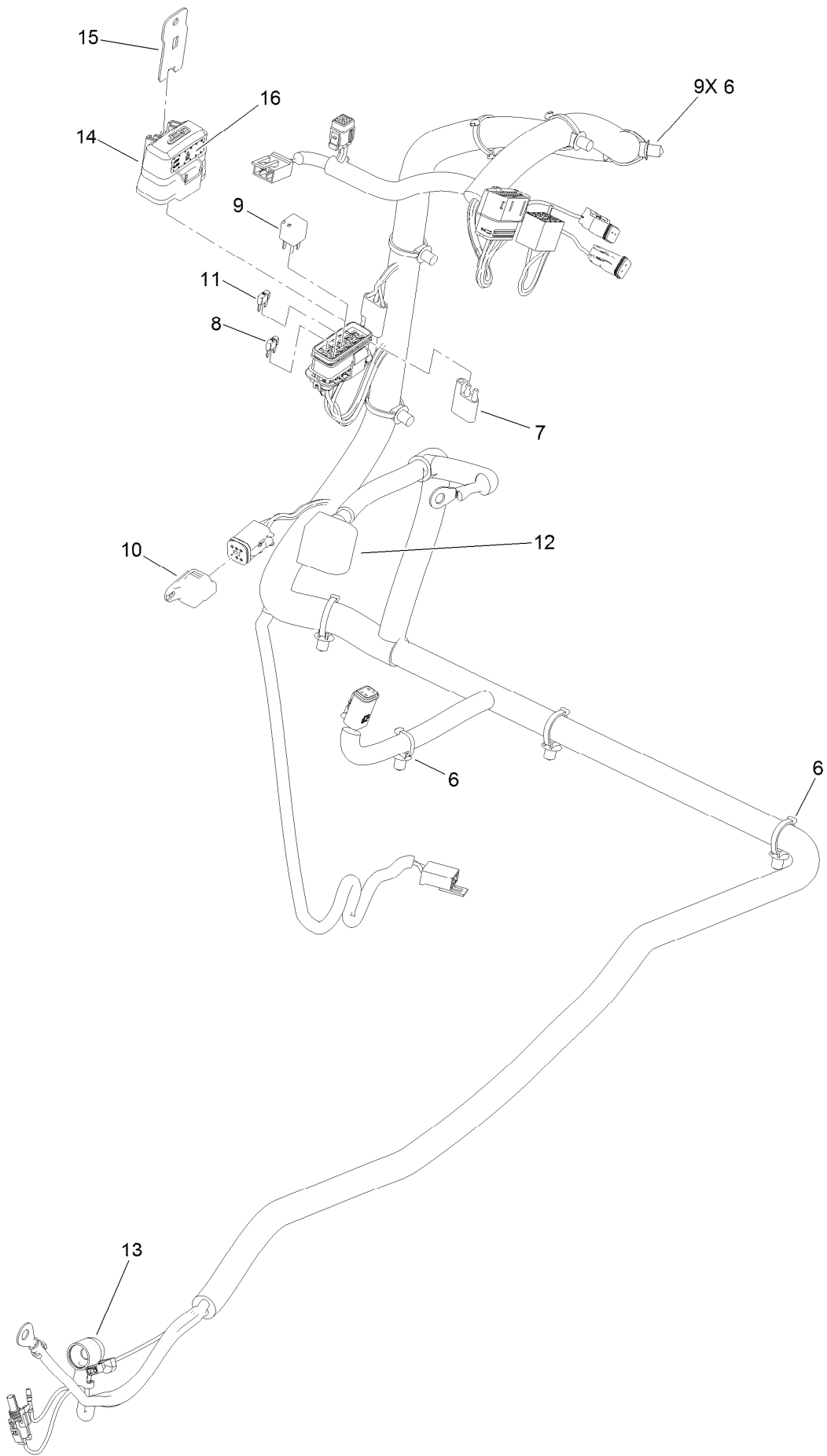
# Electrical Assembly



## Electrical 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>         |
|-------------|--------------------|-------------|---------------------------------|-------------|--------------------|-------------|----------------------------|
| 4           | 104-2466           | 1           | Holddown-Battery                | 12          | 135-0101           | 1           | Sensor-Quadrature          |
| 5           | 126-9535           | 1           | Harness-Wire                    | 13          | 92-6282            | 1           | Switch-Seat                |
| 6           | 3229-1             | 1           | Bolt-Carriage 1/4-20 X 3/4      | 14          | 3230-2             | 2           | Bolt-Carriage 5/16-18 X 1  |
| 7           | 104-7201           | 2           | Nut-Nyloc 1/4-20 Flg            | 15          | 104-8300           | 4           | Nut-Nyloc 5/16-18 Flg      |
| 8           | 126-6285           | 1           | Ignition Switch ASM             | 16          | 3234-5             | 2           | Screw-HH Flg 5/16-18 X 3/4 |
| 8:2         | 108-8660           | 1           | Nut-Mounting                    | 17          | 126-9701-03        | 1           | Guard-Harness              |
| 8:3         | 106-5270           | 1           | Ignition Key Set                | 18          | 3231-2             | 2           | Bolt-Carriage 3/8-16 X 1   |
| 8:4         | 108-8659           | 1           | Washer-Backup                   | 19          | 104-8301           | 2           | Nut-Nyloc 3/8-16 Flg       |
| 9           | 135-2500           | 1           | Hour Meter ASM                  | 20          | 1-303287           | 2           | Tie-Cable 5 1/2 (Small)    |
| 10          | 100-1535           | 1           | Switch-Rocker,<br>(On)-Off-(On) | 21          | 3290-378           | 3           | Tie-Cable                  |
| 11          | 82-2190            | 1           | Switch                          | 22          | 32105-15           | 1           | Screw-Machine 1/4-20 X 3/4 |

Wire Harness Assembly No. 126-9535



## Wire Harness Assembly No. 126-9535 (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 6           | 32180-030          | 9           | Clip-Tie                |
| 7           | 32180-197          | 1           | Cap-Plug                |
| 8           | 121-8868           | 1           | Fuse-Mini Blade, 20 Amp |
| 9           | 126-3991           | 1           | Relay-Micro             |
| 10          | 32180-156          | 1           | Cap-Plug, 6 Way         |
| 11          | 121-8867           | 1           | Fuse-Mini Blade, 15 Amp |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 12          | 126-8876           | 1           | Insulator-Battery  |
| 13          | 1-543393           | 1           | Insulator-Solenoid |
| 14          | 32180-176          | 1           | Cover-Block, Fuse  |
| 15          | 32180-177          | 1           | Clip-Mounting      |
| 16          | 126-7875           | 1           | Decal-Fuse         |

**Notes:**

**Notes:**

**Notes:**



# MAXIMIZE THE PERFORMANCE OF YOUR EXMARK MACHINE.



## EXMARK® PREMIUM ENGINE OIL

Exmark now offers a family of engine oil viscosities to perform well in any environment. Each viscosity has the same synthetic formulation to give you what you need in punishing conditions. We designed each grade to the highest quality, making it ideal even for diesel applications. Coupled with Exmark Premium Fuel Treatment, we have the performance products to make your machine hum.

### EXMARK PREMIUM ENGINE OIL SAE 30/10W-30

- Meets zero shear requirements of a straight grade SAE 30 as well as the cold temp properties of a 10W-30.
- Most versatile oil in the industry.
- Superior corrosion protection over conventional oil - even in corrosive, humid environments.

### EXMARK PREMIUM ENGINE OIL SAE 20W-50

- Perfect for your big block engine, or any application in severe service.
- Same full synthetic formulation as all other Exmark Premium viscosities.
- Also effective for use in severe service small block engines.

### EXMARK PREMIUM ENGINE OIL SAE 10W-50

- Full synthetic formulation gives you peak performance. Don't settle for less.
- Wide span multi-grade combines easy starting in cold weather with maximum protection in high temperature operation.
- Reduce friction & wear over standard mineral formulations.

### EXMARK PREMIUM ENGINE OIL SAE 0W-40

- The perfect choice for when the weather turns cold or unpredictable, and your Exmark UTV has to perform.
- Commercial quality for severe service.
- Advanced additive package helps prevent corrosion from long-term storage.

### EXMARK PREMIUM ENGINE OIL UTV FORMULATION

- 4-cycle high-temp formulation.
- Heavier viscosity, full synthetic, perfect for your UTV.

### EXMARK PREMIUM UTV EXTREME CONDITIONS GEAR OIL

- SAE 80W-90, designed to keep your UTV performing at its peak.
- Shear stable, hypoid gear lube.
- Includes a premium additive system to combat wear, oxidation, rust & corrosion.

***Available from your local Exmark dealer. Find your closest dealer at [exmark.com](http://exmark.com)***

Place Model No. and Serial No.  
Label Here (Included in the Literature  
Pack) or Fill in Below

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Date Purchased \_\_\_\_\_

Engine Model No. and Spec. No. \_\_\_\_\_

Engine Serial No. (E/No) \_\_\_\_\_



Z Turf Equipment is part of the Exmark® family of products.  
©2020 Exmark Mfg. Co., Inc. All Rights Reserved. Printed in the USA.  
415 Industrial Row • Beatrice, NE 68310 • (402) 223-6375 • Fax (402) 223-5489

[www.zturfequipment.com](http://www.zturfequipment.com)

