

# EW530

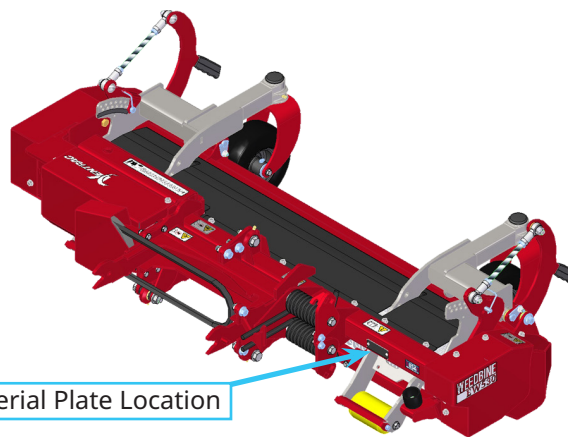
Weedbine





500 Venture Drive  
Orrville Oh 44667  
[www.ventrac.com](http://www.ventrac.com)

## Serial Number Description



## Notes

- If any component requires replacement, use only original Ventrac replacement parts.
- When ordering new components, be sure to order all required safety decals. All current safety decals must be affixed to the replacement components prior to installation of the component.

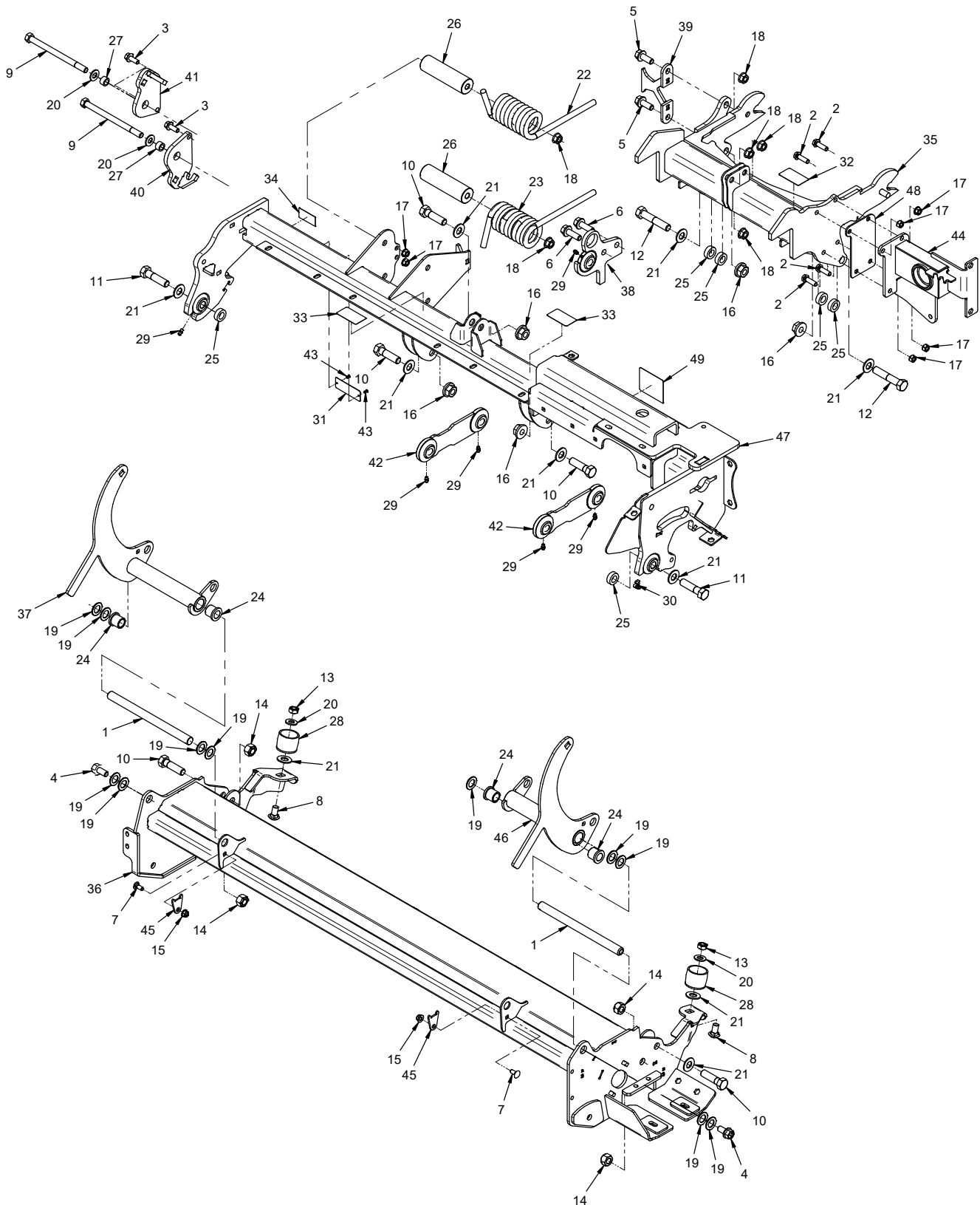
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# PARTS

## ILLUSTRATED DRAWING Main Frame



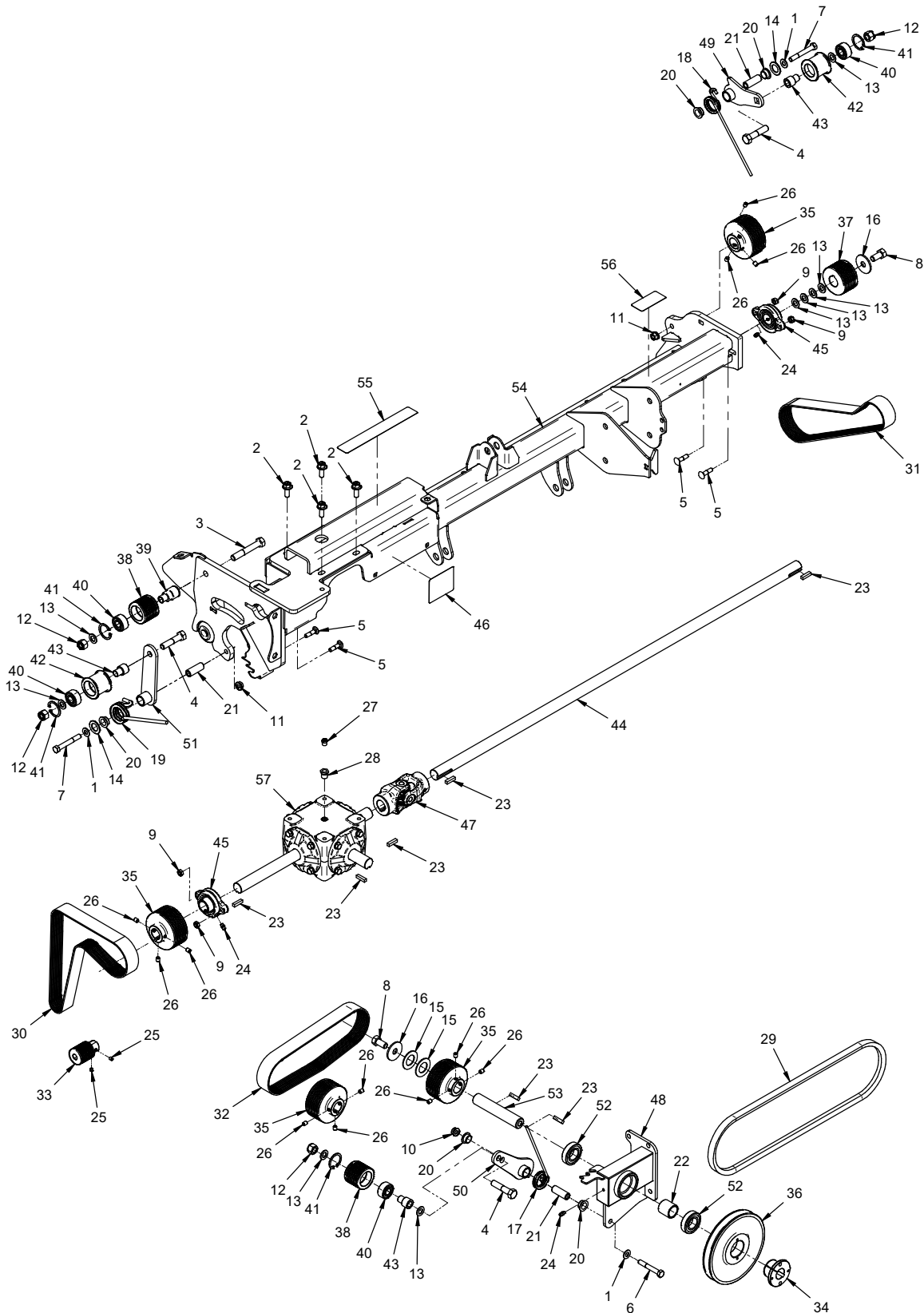
# PARTS

## Main Frame

| REF. | PART NO.    | DESCRIPTION                         | QTY. |
|------|-------------|-------------------------------------|------|
| 1    | EW-1401     | .Shaft, Pivot Pin                   | 2    |
| 2    | 99.SF0610-1 | .Bolt, SMF 3/8-16 USS x 1-1/4       | 4    |
| 3    | 99.SF0608-1 | .Bolt, SMF 3/8-16 x 1               | 2    |
| 4    | 99.SF0808-1 | .Bolt, SMF 1/2-13 x 1               | 2    |
| 5    | 99.SF0810-1 | .Bolt, SMF 1/2-13 x 1-1/4           | 2    |
| 6    | 99.SF0812-1 | .Bolt, SMF 1/2-13 x 1-1/2           | 2    |
| 7    | 97.0506     | .Bolt, Carriage 5/16 x 3/4          | 2    |
| 8    | 97.0808-5   | .Bolt, Carriage 1/2-13 x 1          | 2    |
| 9    | 90.0856     | .Bolt, 1/2-13 UNC x 7               | 2    |
| 10   | 90.1018     | .Bolt, 5/8-11 USS x 2-1/4           | 5    |
| 11   | 90.1020     | .Bolt, 5/8-11 USS x 2-1/2           | 2    |
| 12   | 90.1026     | .Bolt, 5/8-11 USS x 3 1/4           | 2    |
| 13   | 99.A08      | .Locknut, Stover 1/2-13 USS         | 2    |
| 14   | 99.A10      | .Locknut, Stover 5/8-11 USS         | 4    |
| 15   | 99.E0102    | .Nut, Locking Flange 5/16-18        | 2    |
| 16   | 99.E0094    | .Locknut, 5/8-11 Flanged Stover     | 5    |
| 17   | 99.SF06     | .Nut, SRF 3/8-16 USS                | 6    |
| 18   | 99.SF08     | .Nut, SRF 1/2-13 USS                | 6    |
| 19   | 99.B0089    | .Washer, Mach 3/4 x 1-1/4 14 GA     | 11   |
| 20   | 95.08       | .Washer, Flat 1/2 SAE               | 4    |
| 21   | 95.10       | .Washer, Flat 5/8 SAE               | 10   |
| 22   | 41.0139     | .Spring, Torsion RH MW              | 1    |
| 23   | 41.0140     | .Spring, Torsion LH MW              | 1    |
| 24   | 85.B0077    | .Bushing, 3/4 ID X 1 OD X 1         | 4    |
| 25   | 64.2020     | .Bushing, .650" x 1.125" x .375" L  | 6    |
| 26   | 64.2033     | .Bushing, UHMW .510" x 1.5" x 5.25" | 2    |
| 27   | 64.2019     | .Bushing, .510 X .750 X .438" L     | 2    |
| 28   | 05.0194     | .Bumper, Axial 1,400 Lbs PF         | 2    |
| 29   | 29.GF0001   | .Grease Ftg, 1/4 SAE ST             | 6    |
| 30   | 29.GF0002   | .Grease Ftg, 1/4 SAE 90             | 1    |
| 31   | N/A         | .Plate, Ventrac Serial Number       | 1    |
| 32   | 00.0631     | .Decal, Finger/Hand Entanglement    | 1    |
| 33   | 00.0364     | .Decal, Warning Pinch Point         | 2    |
| 34   | 00.0770     | .Decal, Built in the USA            | 1    |
| 35   | EW-6010     | .Frame, Hitch                       | 1    |
| 36   | EW-6127     | .Frame, Cutter and Brush            | 1    |
| 37   | EW-6149     | .Handle, Height Adjust Right        | 1    |
| 38   | EW-6013     | .Link, Upper Hitch Swivel EW        | 1    |
| 39   | MW-6056     | .Bracket, Spring Hook               | 1    |
| 40   | MW-6048     | .Retainer, Spring Latch Lower       | 1    |
| 41   | MW-6047     | .Retainer, Spring Latch Upper       | 1    |
| 42   | ND-6004     | .Link, Upper Pivot                  | 2    |
| 43   | 04.0003     | .Rivet, Pop 1/8 X 3/8 SS            | 2    |
| 44   | EW-6135     | .Bracket, Bearing Mount             | 1    |
| 45   | EW-1402     | .Plate, Pin Stop                    | 2    |
| 46   | EW-6148     | .Handle, Height Adjust Left         | 1    |
| 47   | EW-6108     | .Frame, Cross EW                    | 1    |
| 48   | EW-1415     | .Plate, Mount                       | 1    |
| 49   | 00.0625     | .Decal, Shield Missing              | 1    |

# PARTS

## ILLUSTRATED DRAWING Drive & Deck Belting



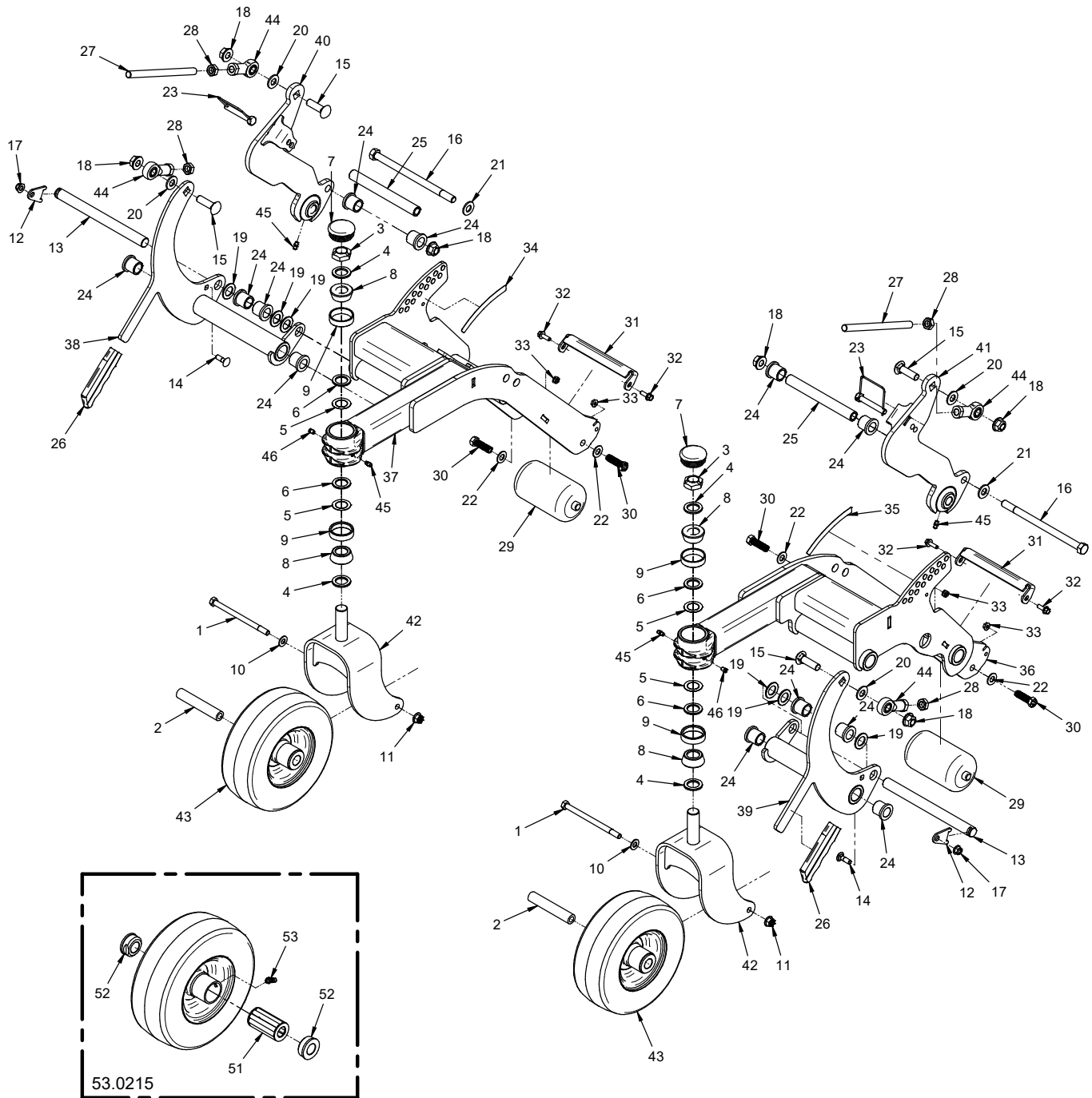
# PARTS

## Drive & Deck Belting

| REF. | PART NO.      | DESCRIPTION                       | QTY. |
|------|---------------|-----------------------------------|------|
| 1    | 95.06         | Washer, Flat 3/8 SAE              | 3    |
| 2    | 99.SF0608-1   | Bolt, SMF 3/8-16 x 1              | 4    |
| 3    | 90.0826-8     | Bolt, 1/2-13 UNC x 3-1/4 GR8      | 1    |
| 4    | 90.0818-8     | Bolt, 1/2-13 UNC x 2-1/4 GR8      | 3    |
| 5    | 97.0510       | Bolt, Carriage 5/16-18 x 1-1/4    | 4    |
| 6    | 90.0620       | Bolt, 3/8-16 UNC x 2-1/2          | 1    |
| 7    | 90.0622       | Bolt, 3/8-16 UNC x 2-3/4          | 2    |
| 8    | 91.0808       | Bolt, 1/2-20 SAE x 1              | 2    |
| 9    | 99.A05        | Locknut, Stover 5/16-18 USS       | 4    |
| 10   | 99.E0082      | Nut, Locking Flange 3/8-16        | 1    |
| 11   | 99.SF06       | Nut, SRF 3/8-16 USS               | 2    |
| 12   | 99.A08N-8     | Locknut, Nylon 1/2-13 USS GR8     | 4    |
| 13   | 99.B0056-2    | Washer, MACH 1/2"x7/8" 14GA ZP    | 9    |
| 14   | 99.B0089      | Washer, Mach 3/4 x 1-1/4 14 GA    | 2    |
| 15   | 99.B0013      | Washer, Mach 1" ID 14 GA          | 2    |
| 16   | 99.B0141      | Washer, Fender 1/2 x 1-3/4 OD     | 2    |
| 17   | 41.0083       | Spring, Torsion Rh 1-3/16 Idx7    | 1    |
| 18   | 41.0084       | Spring, Torsion Lh 1-3/16 Idx7    | 1    |
| 19   | 41.0142       | Torsion Spring, RH                | 1    |
| 20   | 85.B0111      | Bushing, 5/8 ID x 3/4 OD x 3/8    | 6    |
| 21   | EW-1104       | Bushing, .385 x .625 x 3.125 Long | 3    |
| 22   | EW-1411       | Tube, Bearing Housing             | 1    |
| 23   | 85.K0408      | Key, 1/4 X 1                      | 7    |
| 24   | 29.GF0001     | Grease Ftg, 1/4 SAE ST            | 3    |
| 25   | 85.SS14       | Set Screw, 1/4-28 x 1/4           | 2    |
| 26   | 85.SS18       | Set Screw, 5/16-18 x 3/8          | 12   |
| 27   | 23.0163       | Valve, Relief                     | 1    |
| 28   | 29.B0204G     | Pipe, Bushing 1/8 x 1/4 Galv      | 1    |
| 29   | 81.B049       | Belt, B49R                        | 1    |
| 30   | 81.10PK960    | Belt, K-Section 37.5" Length      | 1    |
| 31   | 81.10PK825    | Belt, K-Section 32.5" Length      | 1    |
| 32   | 81.10PK725    | Belt, K-Section 28.5" Length      | 1    |
| 33   | 83.10PK15008D | Pulley, 1.5 OD., 0.5 ID., D-Bore  | 1    |
| 34   | 83.H16S       | Bushing, 1" Split 1/4" Key        | 1    |
| 35   | 83.10PK35016  | Pulley, 3.5 OD., 1.0 ID.          | 4    |
| 36   | 83.BK70H      | Pulley, 7" H-Bush                 | 1    |
| 37   | 83.10PK26316  | Pulley, 2.625 OD., 1.0 ID.        | 1    |
| 38   | 83.10PK20022  | Pulley, 2.00 OD., 1.38 ID.        | 2    |
| 39   | EW-1168       | Spacer, 1/2 x 1.00 x 1.808 Long   | 1    |
| 40   | 55.0126       | Bearing, Ball 15 x 35 x 15.9      | 4    |
| 41   | 04.0061       | Ring, Snap Int 35mm               | 4    |
| 42   | 83.01PK17522  | Pulley, 1.745OD., 1.38 ID.        | 2    |
| 43   | EW-1134       | Spacer, .4375 x .875 x 1.225 Long | 3    |
| 44   | EW-1246       | Shaft, Drive PTO                  | 1    |
| 45   | 55.FB16016-1  | Bearing, Flange Block 1"          | 2    |
| 46   | 00.0625       | Decal, Shield Missing             | 1    |
| 47   | 87.0204       | U-joint, 1" x 1" Weasler          | 1    |
| 48   | EW-6135       | Bracket, Bearing Mount            | 1    |
| 49   | EW-6180       | Belt Tensioner, Brush Drive       | 1    |
| 50   | EW-6119       | Belt Tensioner, Gearbox Drive     | 1    |
| 51   | EW-6023       | Belt Tensioner, Cutter Drive      | 1    |
| 52   | 55.0134       | Bearing, Ball 1 ID 2 OD.          | 2    |
| 53   | EW-1245       | Shaft, Jack Shaft 5.375"          | 1    |
| 54   | EW-6108       | Frame, Cross EW                   | 1    |
| 55   | 00.0779       | Decal, Height Position Key        | 1    |
| 56   | 00.0619       | Decal, Read Operator's Manual     | 1    |
| 57   | 87.0265       | Gearbox, Curtis 216, Type K       | 1    |

# PARTS

## ILLUSTRATED DRAWING Wheels & Rollers





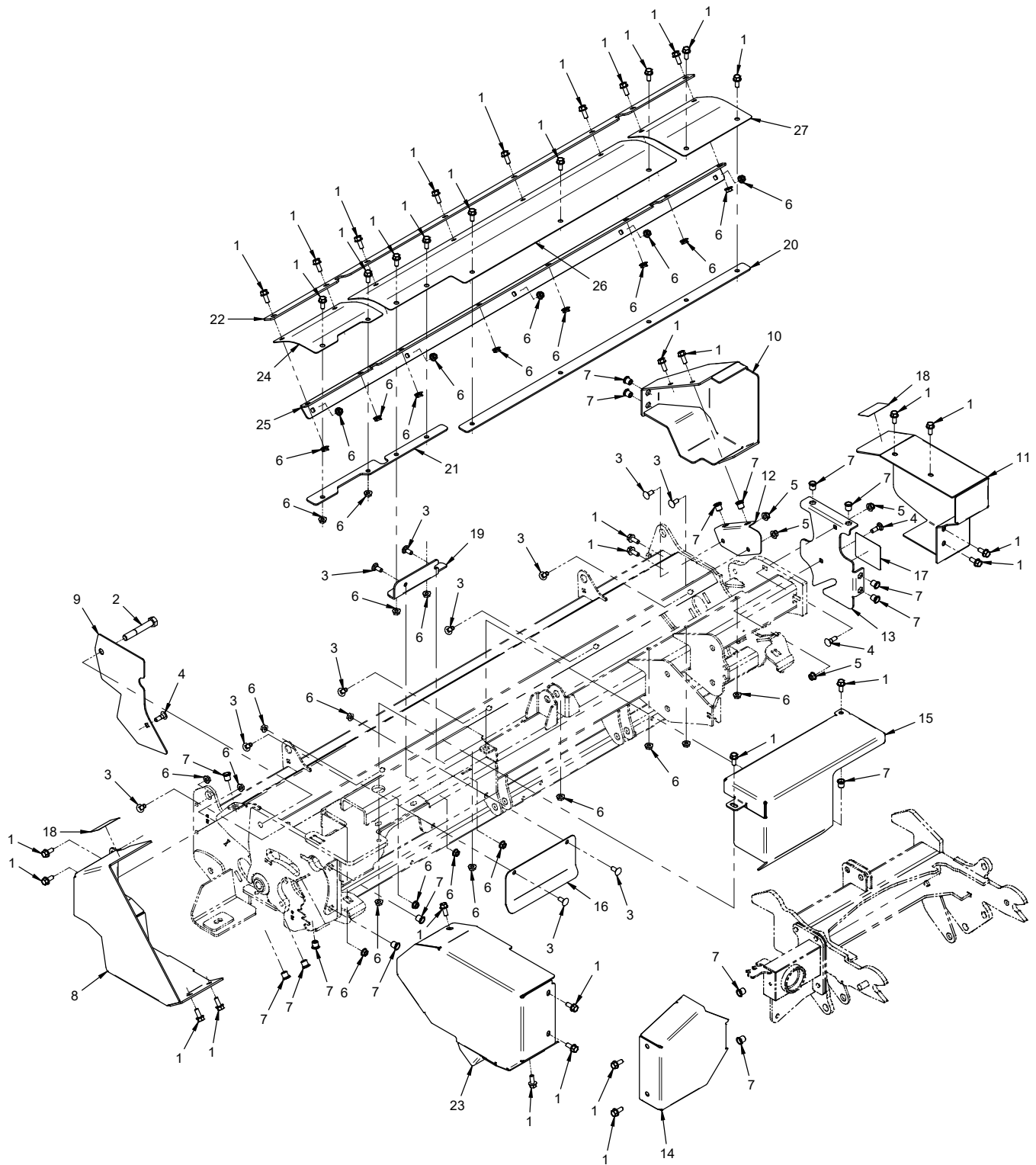
# PARTS

## Wheels & Rollers

| REF. | PART NO.      | DESCRIPTION                         | QTY. |
|------|---------------|-------------------------------------|------|
| 1    | 90.0644       | Bolt, 3/8-16 UNC x 5-1/2            | 2    |
| 2    | 50.0055       | Tube, Axle-Wheel Lm                 | 2    |
| 3    | 99.M0047      | Locknut, Stover M22 x 1.5 ZP        | 2    |
| 4    | 99.B0119      | Washer, Mach 7/8 x 1-3/8 x 10 GA    | 4    |
| 5    | 85.B0101      | Bushing, .005 Spacer                | 4    |
| 6    | 85.B0099      | Bushing, .875ID x 1.375OD x .120T   | 4    |
| 7    | 05.0172       | Plug, Rnd. 11/16 - 13/16 Tube       | 2    |
| 8    | 55.LM12749LA2 | Bearing, Taper Roller Cone          | 4    |
| 9    | 55.LM12710    | Bearing, Cup                        | 4    |
| 10   | 95.06         | Washer, Flat 3/8 SAE                | 2    |
| 11   | 99.E0136      | Nut, Nylon Locking Flange 3/8-16    | 2    |
| 12   | EW-1402       | Plate, Pin Stop                     | 2    |
| 13   | EW-1403       | Shaft, Pivot Pin                    | 2    |
| 14   | 97.0508       | Bolt, Carriage 5/16-18 x 1          | 2    |
| 15   | 97.0814       | Bolt, Carriage 1/2-13 x 1-3/4       | 4    |
| 16   | 90.0864       | Bolt, 1/2-13 UNC x 8                | 2    |
| 17   | 99.E0102      | Nut, Locking Flange 5/16-18         | 2    |
| 18   | 99.E0103      | Nut, Locking Flange 1/2-13          | 6    |
| 19   | 99.B0089      | Washer, Mach 3/4 x 1-1/4 14 GA      | 6    |
| 20   | 95.08-8       | Washer, Flat 1/2 SAE Gr8            | 4    |
| 21   | 95.08         | Washer, Flat 1/2 SAE                | 2    |
| 22   | 95.07         | Washer, Flat 7/16 SAE               | 4    |
| 23   | 03.0003       | Pin, Safety Snap 3/8 X 2-1/2", Zinc | 2    |
| 24   | 85.B0077      | Bushing, 3/4 ID X 1 OD X 1          | 12   |
| 25   | EW-1251       | Bushing, Pivot Clamp                | 2    |
| 26   | 47.0086       | Grip, Slip-On Handle - Black        | 2    |
| 27   | EW-1150       | Rod, Threaded 1/2-20 RH             | 2    |
| 28   | 99.E0079      | Nut, Jam 1/2-20 RH                  | 4    |
| 29   | 80.0403       | Roller, 3" x 5" Long                | 2    |
| 30   | 91.0712-8     | Bolt, 7/16-20 SAE x 1-1/2 GRD8      | 4    |
| 31   | EW-1297       | Plate, Roller Scraper               | 2    |
| 32   | 99.SF0406-1   | Bolt, SMF 1/4-20 X 3/4              | 4    |
| 33   | 99.SF04       | Nut, SRF 1/4-20 USS                 | 4    |
| 34   | EW-3068       | Decal, Height Adjust Right          | 1    |
| 35   | 00.0777       | Decal, Height Adjust Left           | 1    |
| 36   | EW-6160       | Frame, Carrier Left                 | 1    |
| 37   | EW-6161       | Frame, Carrier Right                | 1    |
| 38   | EW-6149       | Handle, Height Adjust Right         | 1    |
| 39   | EW-6148       | Handle, Height Adjust Left          | 1    |
| 40   | EW-6016       | Rocker, Rear Height Adjust Right    | 1    |
| 41   | EW-6027       | Rocker, Rear Height Adjust Left     | 1    |
| 42   | EW-6009       | Spindle, Tire Swivel EW             | 2    |
| 43   | 53.0215       | Wheel, Asm 9 x 3.5 x 4 Flatfree     | 2    |
| 44   | 43.008        | Rod End, 1/2 Spherical              | 4    |
| 45   | 29.GF0001     | Grease Ftg, 1/4 SAE ST              | 4    |
| 46   | 29.GF0011     | Grease Ftg, Plug 1/4-28             | 2    |
| 51   | 55.0115       | Bearing, Roller 2.50" Long          | 1    |
| 52   | 55.0114       | Retainer, Roller Bearing 3/4"       | 2    |
| 53   | 29.GF0003     | Grease Ftg, 1/4 SAE 45              | 1    |

# PARTS

## ILLUSTRATED DRAWING Covers



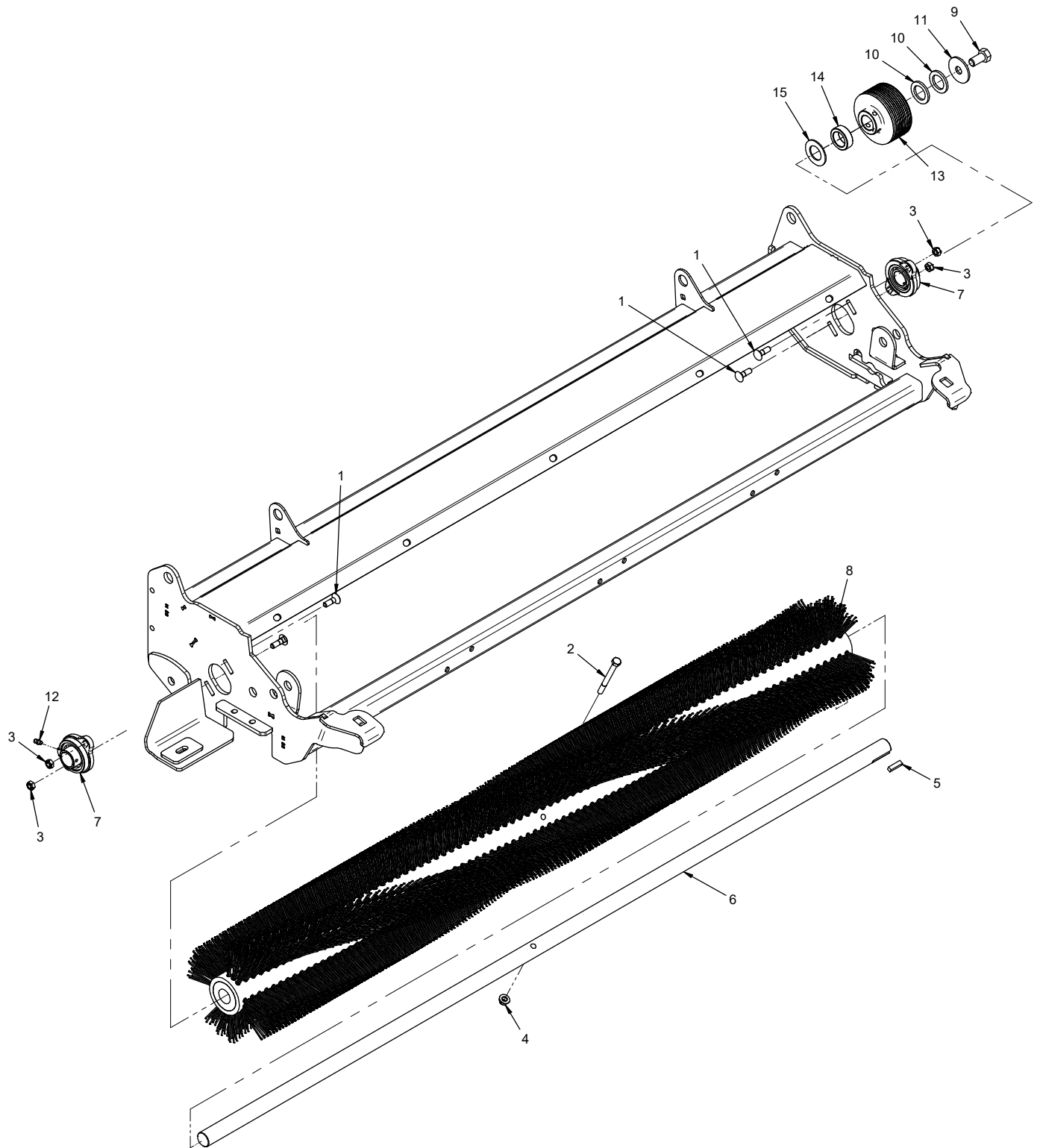
# PARTS

## Covers

| REF. | PART NO.    | DESCRIPTION                  | QTY. |
|------|-------------|------------------------------|------|
| 1    | 99.SF0506-1 | Bolt, SMF 5/16-18 USS x 3/4  | 37   |
| 2    | 90.0826-8   | Bolt, 1/2-13 UNC x 3-1/4 GR8 | 1    |
| 3    | 97.0506     | Bolt, Carriage 5/16 x 3/4    | 11   |
| 4    | 97.0508     | Bolt, Carriage 5/16-18 x 1   | 3    |
| 5    | 99.E0102    | Nut, Locking Flange 5/16-18  | 4    |
| 6    | 99.SF05     | Nut, SRF 5/16-18 USS         | 31   |
| 7    | 99.E0155    | Nut, Insert 5/16-18 Hex      | 17   |
| 8    | EW-1142     | Cover, Side                  | 1    |
| 9    | EW-1227     | Plate, Inside Cover Auger    | 1    |
| 10   | EW-1270     | Cover, Brush Pulley          | 1    |
| 11   | EW-1269     | Plate, Shield Brush Top      | 1    |
| 12   | EW-1287     | Plate, Inside Cover Brush    | 1    |
| 13   | EW-1288     | Plate, Inside Cover Brush    | 1    |
| 14   | EW-1247     | Cover, Attachment Belt       | 1    |
| 15   | EW-1248     | Cover, Gearbox Drive Belt    | 1    |
| 16   | EW-1421     | Plate, Inside Cover Brush    | 1    |
| 17   | 00.0625     | Decal, Shield Missing        | 1    |
| 18   | 00.0364     | Decal, Warning Pinch Point   | 2    |
| 19   | EW-1306     | Plate, Cover Mount           | 1    |
| 20   | EW-1181     | Plate, Belting Clamp         | 1    |
| 21   | EW-1182     | Plate, Belting Clamp         | 1    |
| 22   | EW-1183     | Plate, Belting Clamp Front   | 1    |
| 23   | EW-6175     | Shield, Cutter Drive Belt    | 1    |
| 24   | EW-1423     | Cover, Large Debris Flexible | 1    |
| 25   | EW-1419     | Plate, Belting Clamp Front   | 1    |
| 26   | EW-1404     | Cover, Large Debris Flexible | 1    |
| 27   | EW-1422     | Cover, RH Debris Flexible    | 1    |

# PARTS

## ILLUSTRATED DRAWING Brush



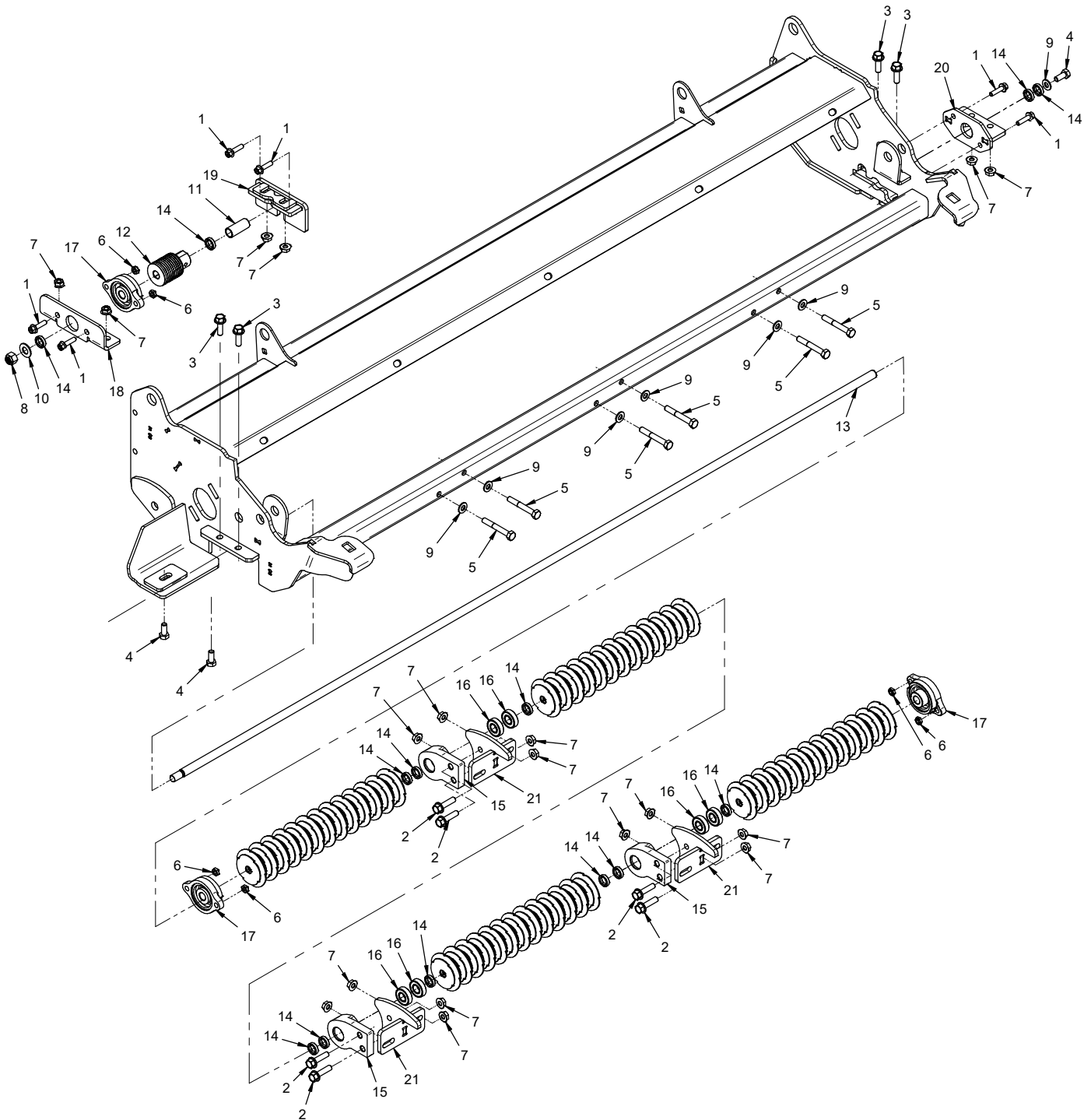
# PARTS

## Brush

| REF. | PART NO.     | DESCRIPTION                       | QTY. |
|------|--------------|-----------------------------------|------|
| 1    | 97.0508      | Bolt, Carriage 5/16-18 x 1        | 4    |
| 2    | 90.0526      | Bolt, 5/16-18 UNC x 3-1/4         | 1    |
| 3    | 99.A05       | Locknut, Stover 5/16-18 USS       | 4    |
| 4    | 99.E0102     | Nut, Locking Flange 5/16-18       | 1    |
| 5    | 85.K0408     | Key, 1/4 X 1                      | 1    |
| 6    | EW-1230      | Shaft, Brush                      | 1    |
| 7    | 55.FB16016-1 | Bearing, Flange Block 1"          | 2    |
| 8    | 79.0129      | Brush, Weedbine                   | 1    |
| 9    | 91.0808      | Bolt, 1/2-20 SAE x 1              | 1    |
| 10   | 99.B0015     | Washer, Mach 1" 10 Ga             | 2    |
| 11   | 99.B0141     | Washer, Fender 1/2 x 1-3/4 OD     | 1    |
| 12   | 29.GF0001    | Grease Ftg, 1/4 SAE ST            | 2    |
| 13   | 83.10PK35016 | Pulley, 3.5 OD., 1.0 ID.          | 1    |
| 14   | 64.2020      | Bushing, .650" x 1.125" x .375" L | 1    |
| 15   | 99.B0013     | Washer, Mach 1" ID 14 GA          | 1    |

# PARTS

## ILLUSTRATED DRAWING Cutter Plate Installation



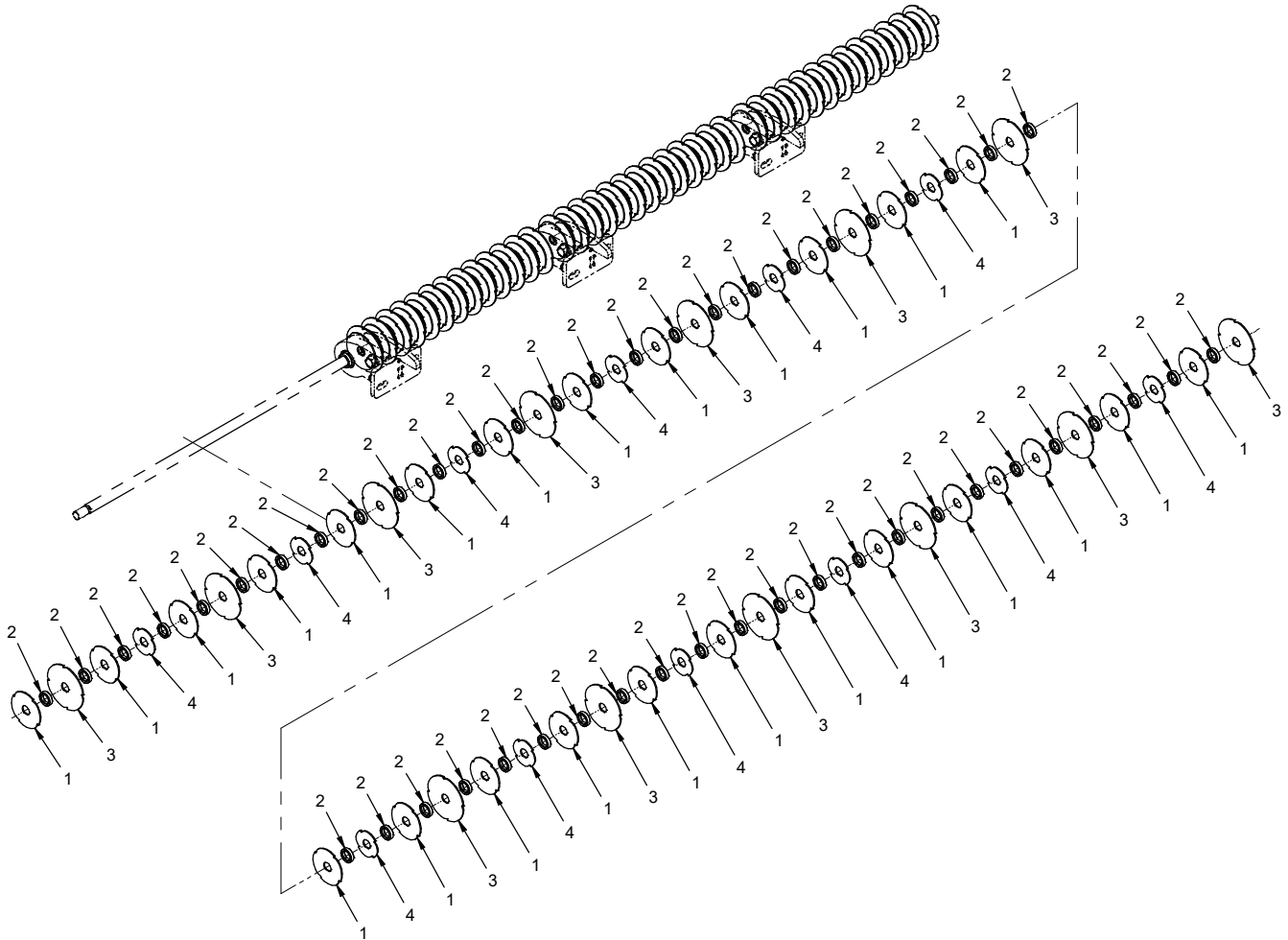
# PARTS

## Cutter Plate Installation

| REF. | PART NO.      | DESCRIPTION                        | QTY. |
|------|---------------|------------------------------------|------|
| 1    | 99.SF0408-1   | Bolt, SMF 1/4-20 x 1               | 6    |
| 2    | 99.SF0510-1   | Bolt, SMF 5/16-18 USS X 1-1/4      | 6    |
| 3    | 99.SF0508-1   | Bolt, SMF 5/16-18 x 1              | 4    |
| 4    | 90.0506       | Bolt, 5/16-18 UNC x 3/4            | 3    |
| 5    | 90.0518       | Bolt, 5/16-18 UNC x 2 1/4          | 6    |
| 6    | 99.A04        | Locknut, Stover 1/4-20 USS         | 6    |
| 7    | 99.SF05       | Nut, SRF 5/16-18 USS               | 18   |
| 8    | 99.A07NFN-8   | Locknut, Nylon 7/16-20 SAE, GR8    | 1    |
| 9    | 95.05         | Washer, Flat 5/16 SAE              | 7    |
| 10   | 95.07         | Washer, Flat 7/16 SAE              | 1    |
| 11   | EW-1451       | Spacer, Auger Pulley               | 1    |
| 12   | 83.10PK15008D | Pulley, 1.5 OD., 0.5 ID., D-Bore   | 1    |
| 13   | EW-1155       | Shaft, "D" 1/2 x 60 Long           | 1    |
| 14   | EW-1161       | Plate, Spacer "D" Shaft            | 13   |
| 15   | EW-1455       | Block, Bearing Mount               | 3    |
| 16   | 55.0133       | Bearing, Ball .5 ID 1.125 OD       | 6    |
| 17   | 55.FB16008    | Bearing, Flange Block 1/2"         | 3    |
| 18   | EW-1413       | Plate, Bearing Mount Adjust        | 1    |
| 19   | EW-6165       | Bracket, Cutter Shaft Bearing Left | 1    |
| 20   | EW-6166       | Mount, Cutter Shaft Bearing Right  | 1    |
| 21   | EW-6169       | Mount, Cutter Shaft Bearing Inner  | 3    |

# PARTS

## ILLUSTRATED DRAWING Cutter Plate Assembly





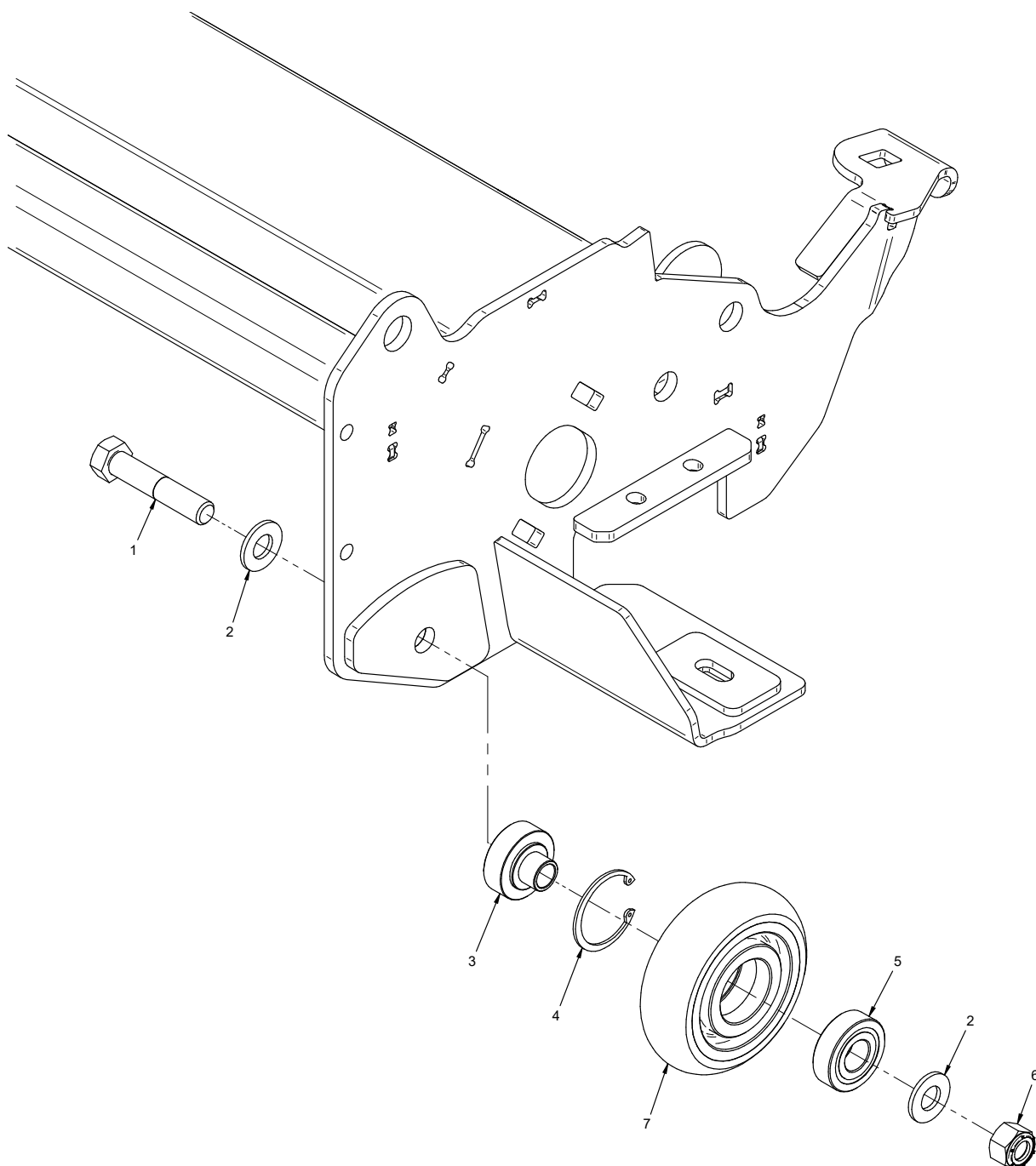
# PARTS

## Cutter Plate Assembly

| REF. | PART NO. | DESCRIPTION               | QTY. |
|------|----------|---------------------------|------|
| 1    | EW-1159  | Plate, Ø2.00 SS Auger "D" | 100  |
| 2    | EW-1161  | Plate, Spacer "D" Shaft   | 196  |
| 3    | EW-1160  | Plate, Ø2.50 SS Auger "D" | 52   |
| 4    | EW-1158  | Plate, Ø1.50 SS Auger "D" | 48   |

# PARTS

## ILLUSTRATED DRAWING Anti-Scalp Wheel MJ840 (Kit #70.8152)



# PARTS

## Anti-Scalp Wheel MJ840 (Kit #70.8152)

| REF. | PART NO. | DESCRIPTION                    | QTY. |
|------|----------|--------------------------------|------|
| 1    | 90.0820  | Bolt, 1/2-13 UNC x 2 1/2       | 1    |
| 2    | 95.08    | Washer, Flat 1/2 SAE           | 2    |
| 3    | 50.0192  | Bushing, Anti-Scalp Wheel      | 1    |
| 4    | 04.0033  | Snap Ring, Int 1-9/16 Bore     | 1    |
| 5    | 55.0094  | Bearing, Ball 17 x 40MM 2RSTFP | 1    |
| 6    | 99.A08N  | Locknut, Nylon 1/2-13 USS      | 1    |
| 7    | 53.0160  | Wheel, 4"OD X 1.25"W Urethane  | 1    |