

# MJ840

## Contour Mower

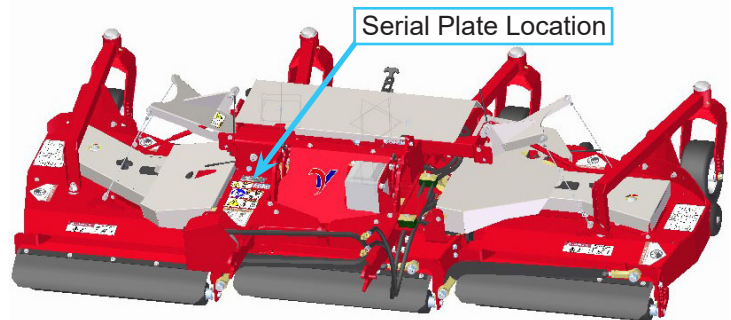
Europe C€ - Serial Number MJ840-BA1171 --





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.

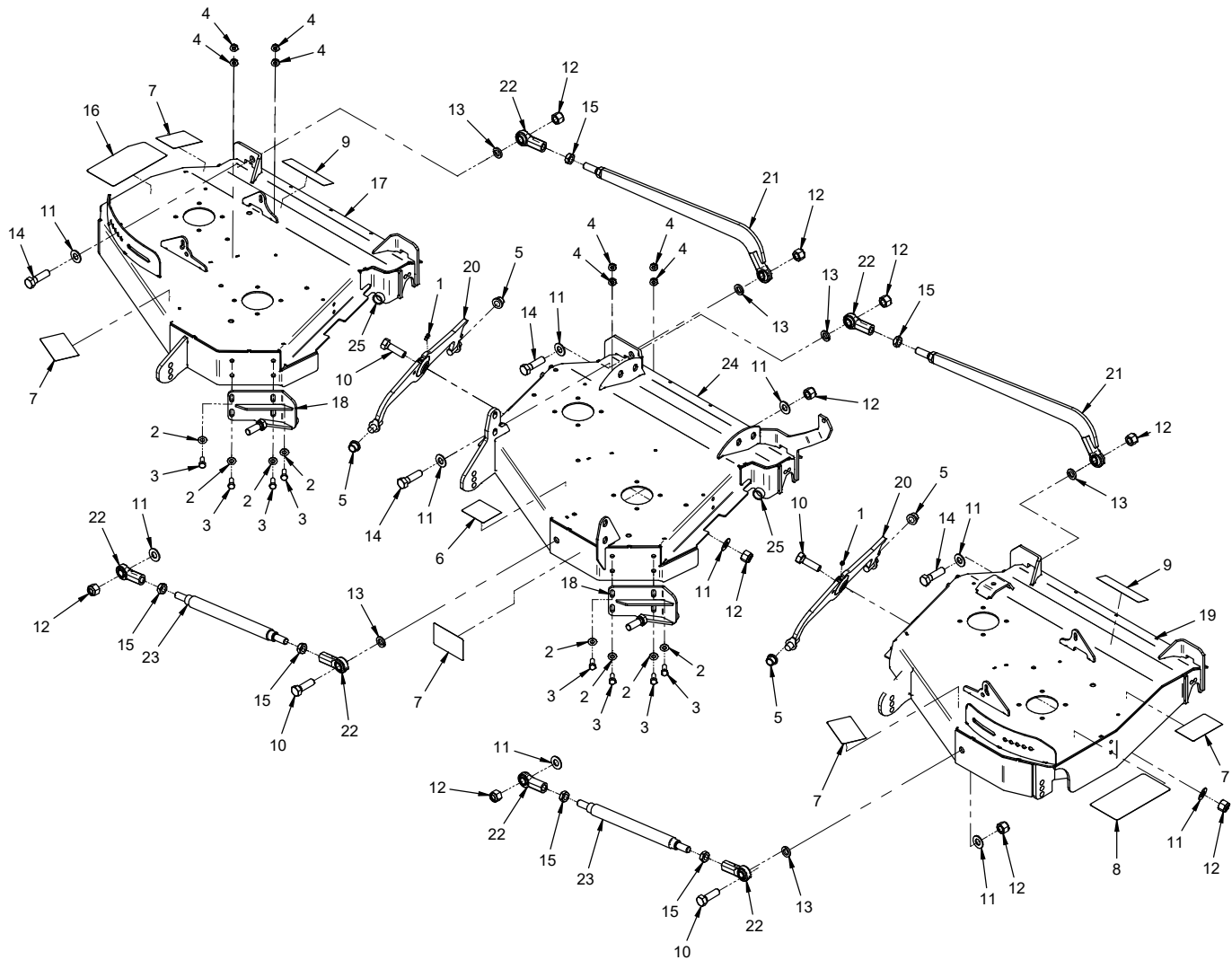
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# PARTS

## ILLUSTRATED DRAWING Decks & Connector Links



# PARTS

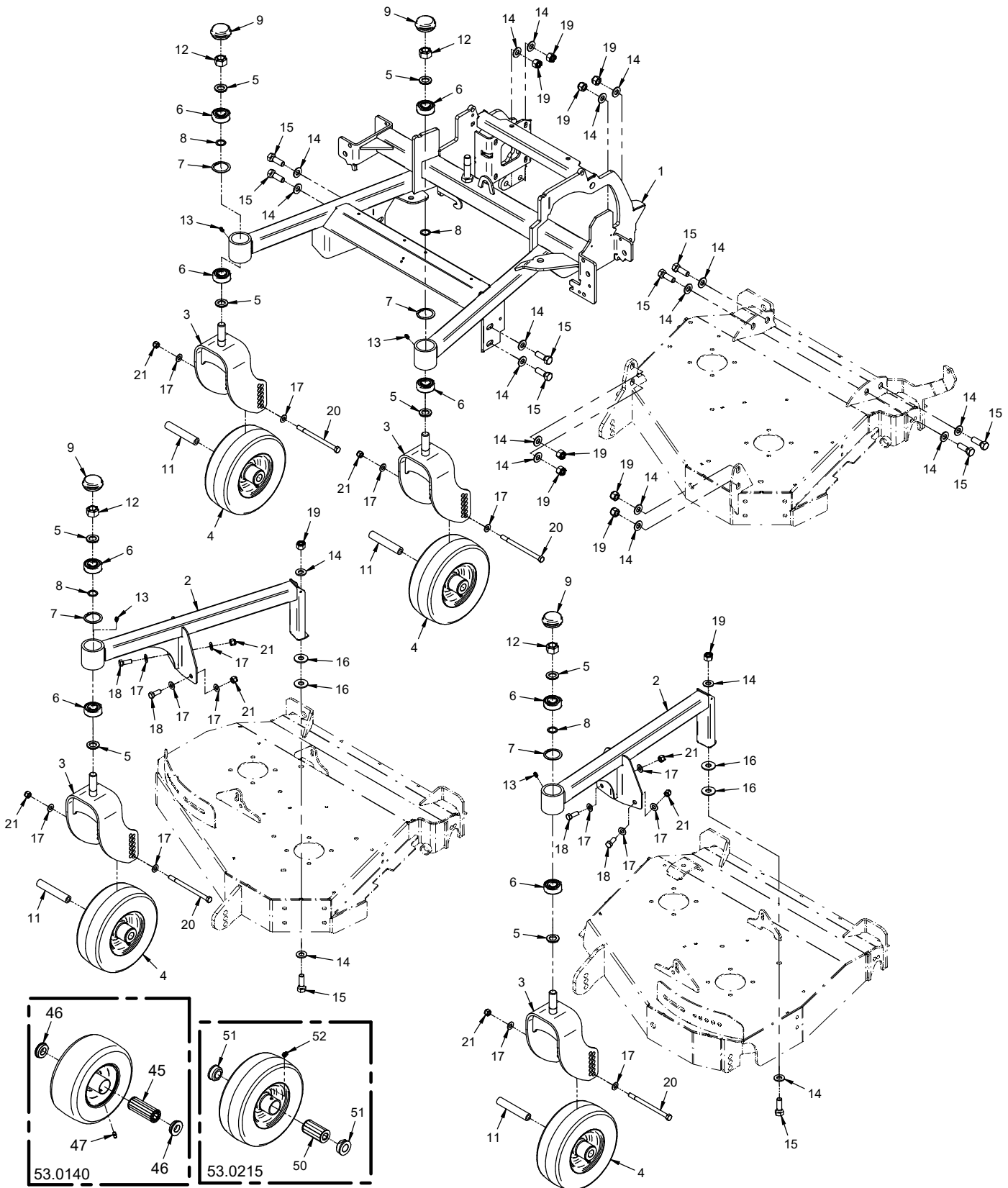
## Decks & Connector Links

| REF. | PART NO.  | DESCRIPTION                                             | QTY. |
|------|-----------|---------------------------------------------------------|------|
| 1    | 29.GF0001 | .GREASE FTG, 1/4 SAE ST                                 | 2    |
| 2    | 95.06     | .WASHER, FLAT 3/8 SAE                                   | 8    |
| 3    | 90.0608   | .BOLT, 3/8-16 USS X 1                                   | 8    |
| 4    | 99.SF06   | .NUT, SRF 3/8-16 USS                                    | 8    |
| 5    | 85.B0065  | .BUSHING, 5/8 IDX13/16 ODX5/8L (SUPERSEDED BY 85.B0118) | 4    |
| 5    | 85.B0118  | .BUSHING, 5/8 ID X 13/16 OD X 5/8 L                     | 4    |
| 6    | 00.0062   | .DECAL, DANGER SHIELD MISSING (SERIAL # 1001-4163)      | 1    |
| 6    | 00.0625   | .DECAL, SHIELD MISSING (SERIAL # 4164-)                 | 1    |
| 7    | 00.0123   | .DECAL, KEEP HANDS AND FEET AWAY (SERIAL # 1001-4163)   | 5    |
| 7    | 00.0628   | .DECAL, CUTTING HAZARD MOWER BLADE (SERIAL # 4164-)     | 5    |
| 8    | 00.0262   | .CHANGED SIZE, ADDED ANTI-SCALP SETTINGS                | 1    |
| 9    | 99.0265   | .DECAL, THROWN OBJECT HAZARD (SERIAL # 1001-4163)       | 2    |
| 9    | 00.0633   | .DECAL, THROWN OBJECT HAZARD (SERIAL # 4164-)           | 2    |
| 10   | 91.1016   | .BOLT, 5/8-18 SAE X 2 (SERIAL # 1001-4211)              | 8    |
| 10   | 91.1016   | .BOLT, 5/8-18 SAE X 2 (SERIAL # 4212-)                  | 4    |
| 11   | 95.10     | .WASHER, FLAT 5/8 SAE (SERIAL # 1001-4211)              | 16   |
| 11   | 95.10     | .WASHER, FLAT 5/8 SAE (SERIAL # 4212-)                  | 10   |
| 12   | 99.A10NFN | .LOCKNUT, NYLON 5/8-18 SAE ZP                           | 10   |
| 13   | 96.10     | .WASHER, LOCK 5/8 (SERIAL # 4212-)                      | 6    |
| 14   | 91.1018   | .BOLT, HEX 5/8-18 UNF X 2-1/4 (SERIAL # 4212-)          | 4    |
| 15   | 99.E0011  | .NUT, JAM 5/8-18 SAE                                    | 6    |
| 16   | 00.0260   | .CHANGED SIZE, ADDED ANTI-SCALP SETTINGS                | 1    |
| 17   | 62.1293   | .DECK, MOWER WELDMENT CENTER MJ (SUPERSEDED BY 62.1494) | 1    |
| 17   | 62.1494   | .DECK, MOWER WELDMENT RIGHT                             | 1    |
| 18   | 64.1401   | .PLATE, FRONT YOKE ANCHOR                               | 2    |
| 19   | 62.1294   | .DECK, MOWER WELDMENT LEFT (SUPERSEDED BY 62.1493)      | 1    |
| 19   | 62.1493   | .DECK, MOWER WELDMENT LEFT                              | 1    |
| 20   | 62.1302   | .FRAME, PIVOT YOKE - MJ840 (SUPERSEDED BY 70.8172)      | 2    |
| 20   | 62.1489   | .FRAME, PIVOT YOKE - MJ840                              | 2    |
| 21   | 42.0535   | .LINK, DECK CONNECT REAR                                | 2    |
| 22   | 43.010    | .ROD END, 5/8 SPHERICAL                                 | 6    |
| 23   | 42.0534   | .LINK, DECK CONNECT FRONT                               | 2    |
| 24   | 62.1295   | .DECK, MOWER WELDMENT RIGHT (SUPERSEDED BY 62.1492)     | 1    |
| 24   | 62.1492   | .DECK, MOWER WELDMENT CENTER                            | 1    |
| 25   | MJ-152    | .BUSHING, PIVOT BUSHING                                 | 2    |

# PARTS

## ILLUSTRATED DRAWING

### Carrier Frame



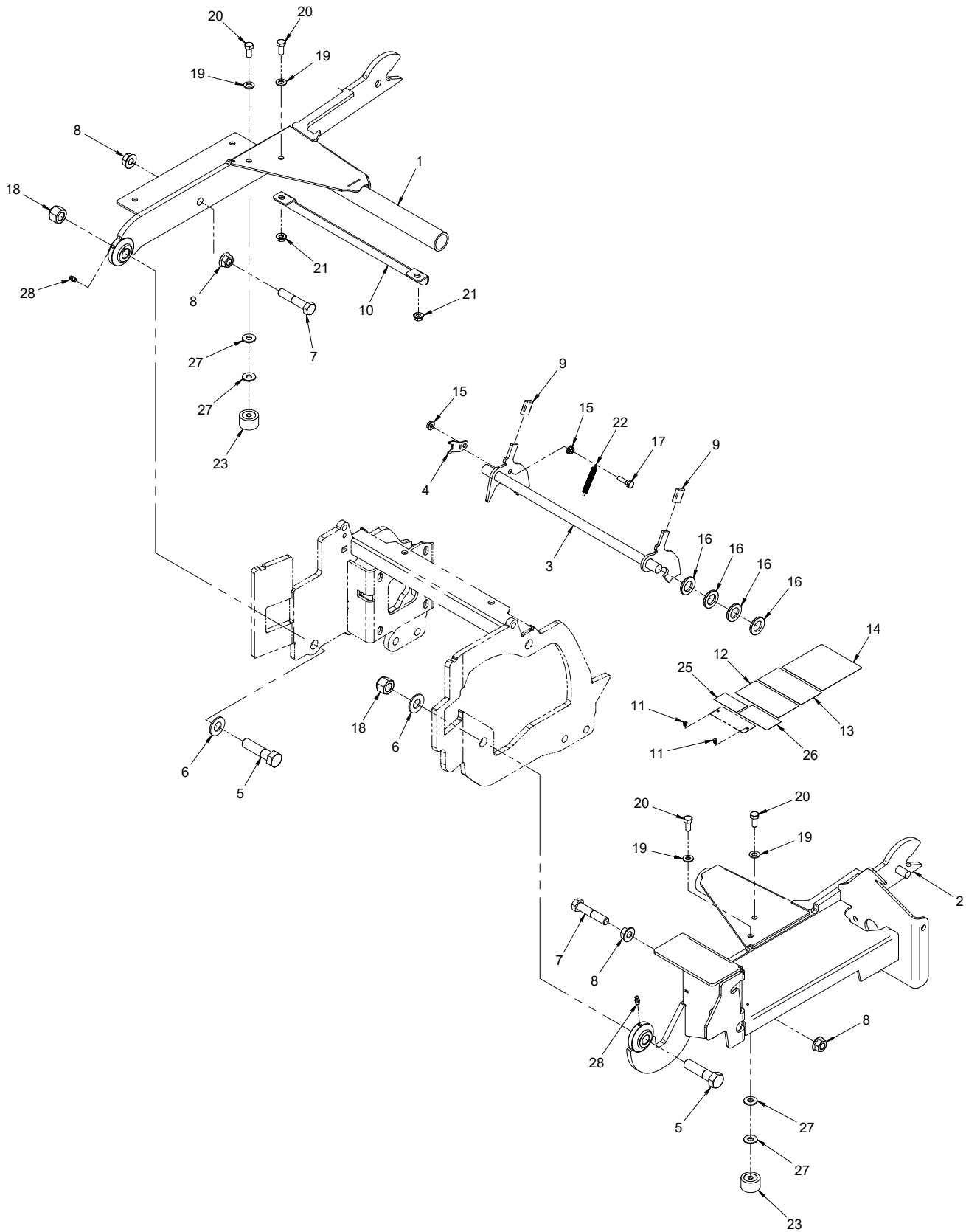
# PARTS

## Carrier Frame

| REF. | PART NO.   | DESCRIPTION                                           | QTY. |
|------|------------|-------------------------------------------------------|------|
| 1    | 62.1298    | .FRAME, CARRIER MAIN - MJ840 (Serial # 1001-1803).    | 1    |
| 1    | 62.1424    | .FRAME, CARRIER MAIN - MJ840 (Serial # 1804-).        | 1    |
| 2    | 62.1299    | .FRAME, TIRE SWIVEL MJ                                | 2    |
| 3    | 50.0187    | .SPINDLE, TIRE SWIVEL MJ                              | 4    |
| 4    | 53.0140    | .WHEEL, ASM 9 X 3.5 X 4 FLATFREE (Serial # 1001-4355) | 4    |
| 4    | 53.0215    | .WHEEL, ASM 9 X 3.5 X 4 FLATFREE (Serial # 4356-)     | 4    |
| 5    | 99.B0057-2 | .WASHER, MACH 3/4 X 1-1/4 10 GA ZP                    | 8    |
| 6    | 55.0023    | .BEARING, BALL .75 ID X 1.78 OD                       | 8    |
| 7    | 04.0013    | .SNAP RING, INT .068 X 1.75                           | 4    |
| 8    | 99.B0052   | .SHIM, STEEL 3/4 X 1 X .062                           | 4    |
| 9    | 53.0080    | .DUST CAP, BEARING MOWER CASTER                       | 4    |
| 11   | 50.0055    | .TUBE, AXLE-WHEEL LM                                  | 4    |
| 12   | 99.A12NF   | .LOCKNUT, STOVER 3/4-16 SAE                           | 4    |
| 13   | 29.GF0001  | .GREASE FTG, 1/4 SAE ST                               | 4    |
| 14   | 95.08      | .WASHER, FLAT 1/2 SAE                                 | 20   |
| 15   | 90.0812    | .BOLT, 1/2-13 USS X 1 1/2                             | 10   |
| 16   | 94.08      | .WASHER, FLAT 1/2 USS                                 | 4    |
| 17   | 95.06      | .WASHER, FLAT 3/8 SAE                                 | 16   |
| 18   | 90.0608    | .BOLT, 3/8-16 USS X 1                                 | 4    |
| 19   | 99.A08N    | .LOCKNUT, NYLON 1/2-13 USS                            | 10   |
| 20   | 90.0644    | .BOLT, 3/8-16 USS X 5 1/2                             | 4    |
| 21   | 99.A06N    | .LOCKNUT, NYLON 3/8-16 USS                            | 8    |
| 45   | 55.0071    | .BEARING, 3/4 ROLLER 3.25" LONG                       | 1    |
| 46   | 55.0072    | .BEARING, RETAINER 3/4"                               | 2    |
| 47   | 29.GF0001  | .GREASE FTG, 1/4 SAE ST                               | 1    |
| 50   | 55.0115    | .BEARING, ROLLER 2.50" LONG                           | 1    |
| 51   | 55.0114    | .RETAINER, ROLLER BEARING 3/4"                        | 2    |
| 52   | 29.GF0003  | .GREASE FTG, 1/4 SAE 45                               | 1    |

# PARTS

## ILLUSTRATED DRAWING Hitch Arms



# PARTS

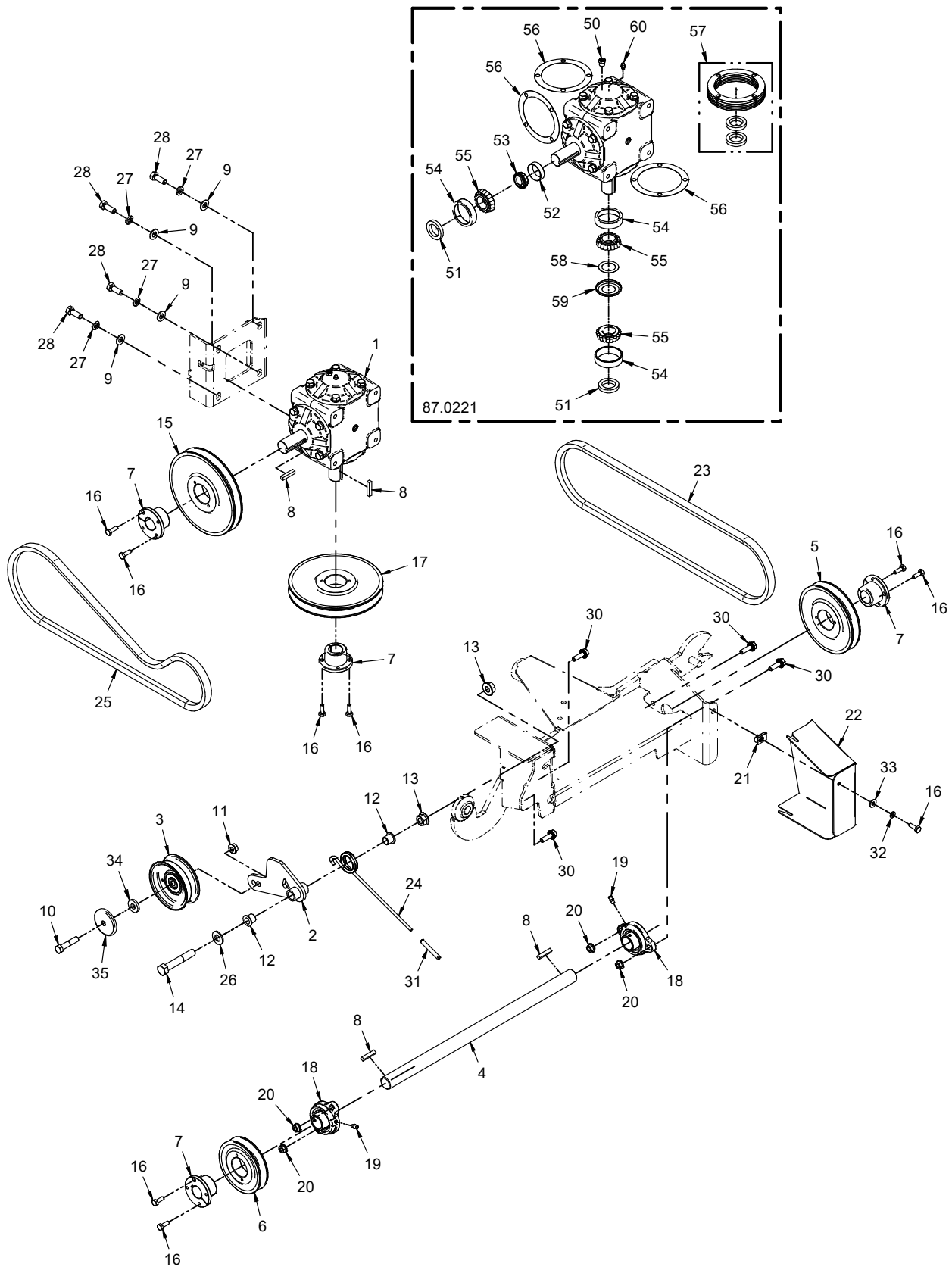
## Hitch Arms

| REF. | PART NO.   | DESCRIPTION                                             | QTY. |
|------|------------|---------------------------------------------------------|------|
| 1    | 62.1296    | .HITCH, ARM RIGHT - MJ840                               | 1    |
| 2    | 62.1297    | .HITCH, ARM LEFT - MJ840                                | 1    |
| 3    | 42.0533    | .LATCH, DECK PIVOT MJ                                   | 1    |
| 4    | 64.1411    | .BRACKET, DECK PIVOT LATCH MJ                           | 1    |
| 5    | 91.1020    | .BOLT, 5/8-18 SAE X 2 1/2                               | 2    |
| 6    | 95.10      | .WASHER, FLAT 5/8 SAE                                   | 2    |
| 7    | 90.0820    | .BOLT, 1/2-13 USS X 2 1/2                               | 2    |
| 8    | 99.SF08    | .NUT, SRF 1/2-13 USS                                    | 4    |
| 9    | 06.0044    | .CAP, PLASTIC 1/8 X 1/2 X 7/8                           | 2    |
| 10   | 42.0450    | .LINK, SPACING - LIFT ARMS                              | 1    |
| 11   | 04.0007    | .RIVET, POP DOME 1/8 X 1/8 S.S.                         | 2    |
| 12   | 00.0217    | .DECAL, WARNING READ OWNERS MANUAL (Serial # 1001-4163) | 1    |
| 12   | 00.0619    | .DECAL, READ OWNERS MANUAL (Serial # 4164-)             | 1    |
| 13   | 00.0220    | .DECAL, GENERAL SAFETY (Serial # 1001-4163)             | 1    |
| 14   | 00.0101    | .DECAL, HAZARD-MOVING PART (Serial # 1001-4163)         | 1    |
| 14   | 00.0626    | .DECAL, ENTANGLEMENT HAZARD (Serial # 4164-)            | 1    |
| 15   | 99.SF04    | .NUT, SRF 1/4-20 USS                                    | 2    |
| 16   | 99.B0057-2 | .WASHER, MACH 3/4 X 1-1/4 10 GA ZP                      | 4    |
| 17   | 90.0408    | .BOLT, 1/4-20 USS X 1                                   | 1    |
| 18   | 99.A10NFN  | .LOCKNUT, NYLON 5/8-18 SAE ZP                           | 2    |
| 19   | 95.05      | .WASHER, FLAT 5/16 SAE                                  | 4    |
| 20   | 90.0506    | .BOLT, 5/16-18 USS X 3/4                                | 4    |
| 21   | 99.SF05    | .NUT, SRF 5/16-18 USS                                   | 2    |
| 22   | 41.0096    | .SPRING, EXT 5/16 OD X 2-1/4                            | 1    |
| 23   | 05.0118    | .BUMPER, RUBBER CYLINDRICAL                             | 2    |
| 25   | 00.0770    | .DECAL, MADE IN USA                                     | 1    |
| 26   | 00.0219    | .DECAL, WARNING DO NOT REACH (Serial # 1001-4163)       | 1    |
| 27   | 94.05      | .WASHER, FLAT 5/16 USS                                  | 4    |
| 28   | 29.GF0001  | .GREASE FTG, 1/4 SAE ST                                 | 2    |

# PARTS

## ILLUSTRATED DRAWING

### Drive Shaft & Gearbox



# PARTS

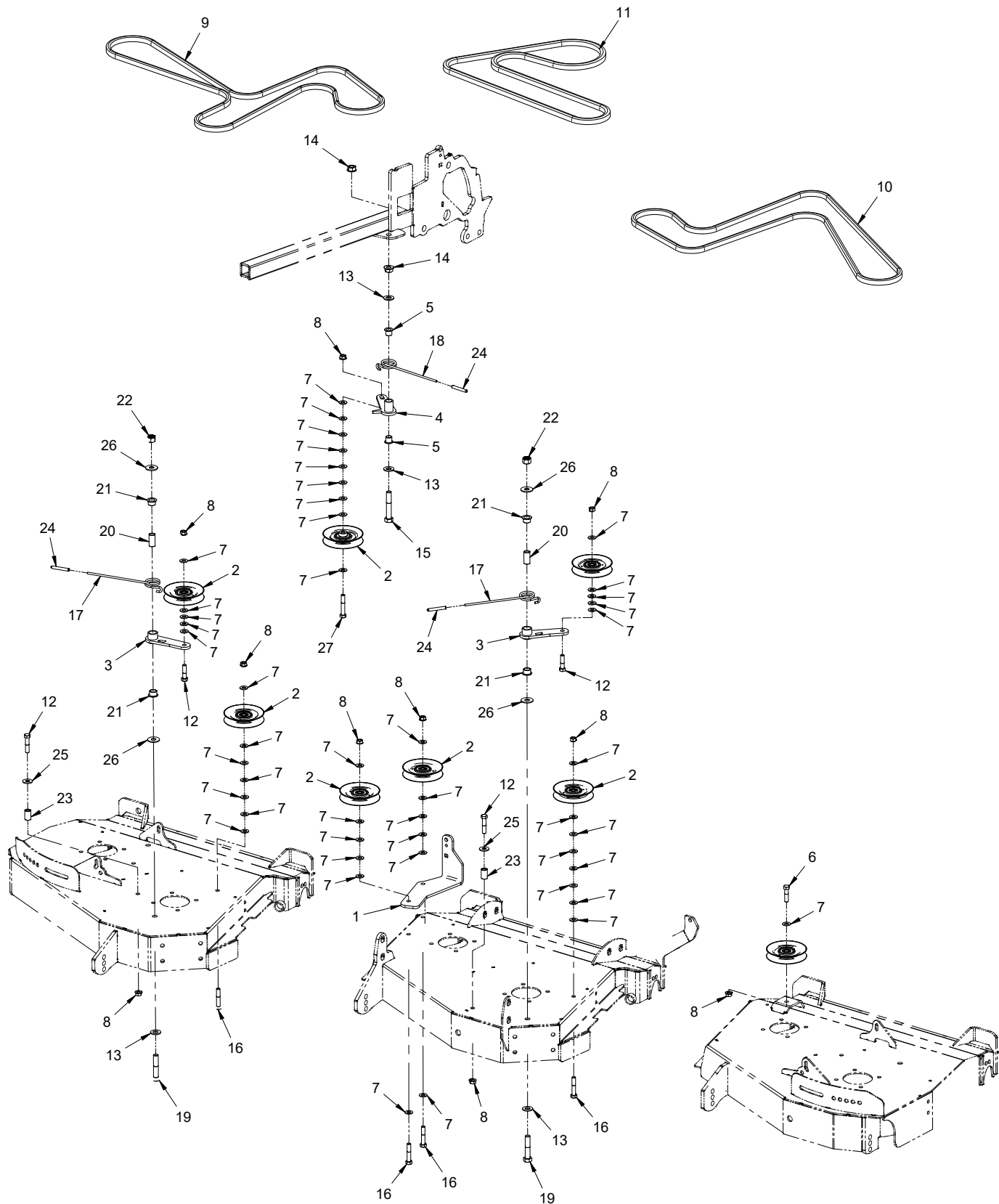
## Drive Shaft & Gearbox

| REF. | PART NO.     | DESCRIPTION                                      | QTY. |
|------|--------------|--------------------------------------------------|------|
| 1    | 87.0221      | GEARBOX                                          | 1    |
| 2    | 40.0354      | IDLER ARM, GEAR BOX MJ                           | 1    |
| 3    | 83.0013      | PULLEY, IDLER FLAT 3/8 X 3 1/2                   | 1    |
| 4    | 42.0536      | SHAFT, DRIVE HITCH ARM MJ                        | 1    |
| 5    | 83.BK55H     | PULLEY, 5.5" H-BUSHING                           | 1    |
| 6    | 83.BK45H     | PULLEY, 4.5" H-BUSHING (Serial # 1001-3651)      | 1    |
| 6    | 83.BK36H     | PULLEY, 3.6" H-BUSHING (Serial # 3652-)          | 1    |
| 7    | 83.H16S      | BUSHING, 1" SPLIT 1/4" KEY                       | 4    |
| 8    | 85.K0410     | KEY, 1/4 X 1-1/4                                 | 4    |
| 9    | 95.06        | WASHER, FLAT 3/8 SAE                             | 4    |
| 10   | 90.0614      | BOLT, 3/8-16 USS X 1 3/4                         | 1    |
| 11   | 99.SF06      | NUT, SRF 3/8-16 USS                              | 1    |
| 12   | 85.B0027     | BUSHING, 1/2 ID X 5/8 OD X 5/8                   | 2    |
| 13   | 99.SF08      | NUT, SRF 1/2-13 USS                              | 2    |
| 14   | 90.0824      | BOLT, 1/2-13 USS X 3                             | 1    |
| 15   | 83.BK70H     | PULLEY, 7" H-BUSH (Serial # 1001-3651)           | 1    |
| 15   | 83.BK72H     | PULLEY, 7.2" H-BUSH (Serial # 3652-)             | 1    |
| 16   | 90.0406      | BOLT, 1/4-20 USS X 3/4                           | 9    |
| 17   | 83.BK72H     | PULLEY, 7.2" H-BUSH                              | 1    |
| 18   | 55.FB16016-1 | BEARING, FLANGE BLOCK 1"                         | 2    |
| 19   | 29.GF0001    | GREASE FTG, 1/4 SAE ST                           | 2    |
| 20   | 99.SF05      | NUT, SRF 5/16-18 USS                             | 4    |
| 21   | 99.E0046     | NUT, "U" 1/4-20 EXTRUDED                         | 1    |
| 22   | 60.1034      | SHIELD, DRIVE PULLEY - MJ                        | 1    |
| 23   | 81.B045      | BELT, B45                                        | 1    |
| 24   | 41.0084      | SPRING, TORSION LH 1-3/16 IDX7                   | 1    |
| 25   | 81.B047      | BELT, B47 (Serial # 1001-3651)                   | 1    |
| 25   | 81.B046      | BELT, B46 (Serial # 3652-)                       | 1    |
| 26   | 95.08        | WASHER, FLAT 1/2 SAE                             | 1    |
| 27   | 96.06        | WASHER, LOCK 3/8                                 | 4    |
| 28   | 90.0608      | BOLT, 3/8-16 USS X 1                             | 4    |
| 30   | 99.SF0508    | BOLT, SRF 5/16-18 USS X 1                        | 4    |
| 31   | 06.0060      | CAP, VINYL 3/16 ID X 2 LONG                      | 1    |
| 32   | 96.04        | WASHER, LOCK 1/4                                 | 1    |
| 33   | 95.04        | WASHER, FLAT 1/4 SAE                             | 1    |
| 34   | 95.06        | WASHER, FLAT 3/8 SAE (Serial # 1001-1447)        | 1    |
| 34   | 99.G0014     | WASHER, 3/8 USS FW .165 THK (Serial # 1448-2355) | 1    |
| 35   | 60.1056      | COVER, PULLEY (Serial # 1448-)                   | 1    |
| 50   | 23.0163      | VALVE, RELIEF                                    | 1    |
| 51   | 89.0094      | SEAL, SHAFT                                      | 2    |
| 52   | 55.0089      | BEARING, CUP SMALL                               | 1    |
| 53   | 55.0090      | BEARING, CONE SMALL                              | 1    |
| 54   | 55.0091      | BEARING, CUP LARGE                               | 3    |
| 55   | 55.0092      | BEARING, CONE LARGE                              | 3    |
| 56   | 89.0096      | GASKET, .005, FOR 87.0221                        | A/R^ |
| 56   | 89.0097      | GASKET, .015, FOR 87.0221                        | A/R^ |
| 56   | 89.0098      | GASKET, .003, FOR 87.0221                        | A/R^ |
| 57   | 89.0099      | KIT, SEAL & GASKET FOR 87.0221                   | 1    |
| 58   | 99.B0140     | SHIM, 0.010"                                     | 1    |
| 59   | 89.0109      | NILOS RING, GEARBOX                              | 1    |
| 60   | 29.GF0019    | GREASE FTG, 3/16 SAE                             | 1    |

^ When replacing gaskets, measure the thickness of the gasket stack that was removed from the gearbox and replace with a stack of equal thickness.

# ILLUSTRATED DRAWING

## Deck Belts (Serial # 1001-1447)



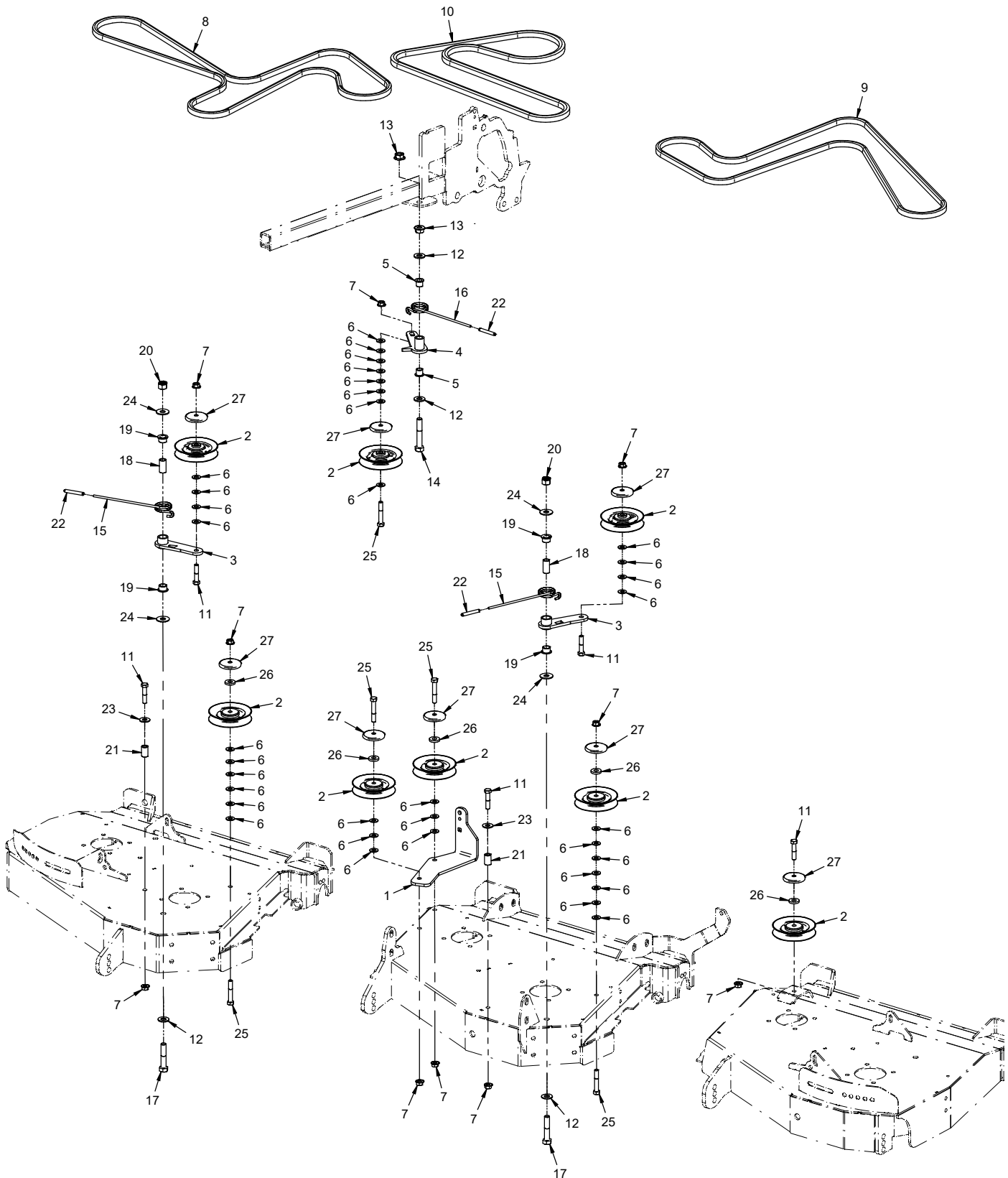
# PARTS

## Deck Belts (Serial # 1001-1447)

| REF. | PART NO. | DESCRIPTION                     | QTY. |
|------|----------|---------------------------------|------|
| 1    | 64.1412  | .BRACKET, IDLER MOUNT           | 1    |
| 2    | 83.0038  | .PULLEY, V-IDLER 4-1/4 X 3/8 ID | 8    |
| 3    | 40.0355  | .IDLER ARM, OUTER DECK MJ       | 2    |
| 4    | 40.0353  | .IDLER ARM, CENTER DECK MJ      | 1    |
| 5    | 85.B0027 | .BUSHING, 1/2 ID X 5/8 OD X 5/8 | 2    |
| 6    | 90.0612  | .BOLT, 3/8-16 USS X 1 1/2       | 1    |
| 7    | 95.06    | .WASHER, FLAT 3/8 SAE           | 48   |
| 8    | 99.SF06  | .NUT, SRF 3/8-16 USS            | 10   |
| 9    | 81.AA096 | .BELT, AA96                     | 1    |
| 10   | 81.AA096 | .BELT, AA96                     | 1    |
| 11   | 81.BB078 | .BELT, BB78                     | 1    |
| 12   | 90.0614  | .BOLT, 3/8-16 USS X 1 3/4       | 4    |
| 13   | 95.08    | .WASHER, FLAT 1/2 SAE           | 4    |
| 14   | 99.SF08  | .NUT, SRF 1/2-13 USS            | 2    |
| 15   | 90.0824  | .BOLT, 1/2-13 USS X 3           | 1    |
| 16   | 90.0616  | .BOLT, 3/8-16 USS X 2           | 4    |
| 17   | 41.0084  | .SPRING, TORSION LH 1-3/16 IDX7 | 2    |
| 18   | 41.0083  | .SPRING, TORSION RH 1-3/16 IDX7 | 1    |
| 19   | 90.0820  | .BOLT, 1/2-13 USS X 2 1/2       | 2    |
| 20   | 64.1415  | .BUSHING, ANTI-SCALP/IDLER SS   | 2    |
| 21   | 85.B0088 | .BUSHING, 5/8 ID X 3/4 OD X 1/2 | 4    |
| 22   | 99.A08N  | .LOCKNUT, NYLON 1/2-13 USS      | 2    |
| 23   | 64.1453  | .BUSHING, BELT TENSIONER        | 2    |
| 24   | 06.0060  | .CAP, VINYL 3/16 ID X 2 LONG    | 3    |
| 25   | 94.06    | .WASHER, FLAT 3/8 USS           | 2    |
| 26   | 94.07    | .WASHER, FLAT 7/16 USS          | 4    |
| 27   | 90.0618  | .BOLT, 3/8-16 USS X 2 1/4       | 1    |

# PARTS

## ILLUSTRATED DRAWING Deck Belts (Serial # 1448-)



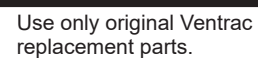
# PARTS

## Deck Belts (Serial # 1448-)

| REF. | PART NO. | DESCRIPTION                                       | QTY. |
|------|----------|---------------------------------------------------|------|
| 1    | 64.1412  | .BRACKET, IDLER MOUNT                             | 1    |
| 2    | 83.0038  | .PULLEY, V-IDLER 4-1/4 X 3/8 ID                   | 8    |
| 3    | 40.0355  | .IDLER ARM, OUTER DECK MJ                         | 2    |
| 4    | 40.0353  | .IDLER ARM, CENTER DECK MJ                        | 1    |
| 5    | 85.B0027 | .BUSHING, 1/2 ID X 5/8 OD X 5/8                   | 2    |
| 6    | 95.06    | .WASHER, FLAT 3/8 SAE                             | 35   |
| 7    | 99.SF06  | .NUT, SRF 3/8-16 USS                              | 10   |
| 8    | 81.AA096 | .BELT, AA96                                       | 1    |
| 9    | 81.AA096 | .BELT, AA96                                       | 1    |
| 10   | 81.BB078 | .BELT, BB78                                       | 1    |
| 11   | 90.0614  | .BOLT, 3/8-16 USS X 1 3/4                         | 5    |
| 12   | 95.08    | .WASHER, FLAT 1/2 SAE                             | 4    |
| 13   | 99.SF08  | .NUT, SRF 1/2-13 USS                              | 2    |
| 14   | 90.0824  | .BOLT, 1/2-13 USS X 3                             | 1    |
| 15   | 41.0084  | .SPRING, TORSION LH 1-3/16 IDX7                   | 2    |
| 16   | 41.0083  | .SPRING, TORSION RH 1-3/16 IDX7                   | 1    |
| 17   | 90.0820  | .BOLT, 1/2-13 USS X 2 1/2                         | 2    |
| 18   | 64.1415  | .BUSHING, ANTI-SCALP/IDLER SS                     | 2    |
| 19   | 85.B0088 | .BUSHING, 5/8 ID X 3/4 OD X 1/2                   | 4    |
| 20   | 99.A08N  | .LOCKNUT, NYLON 1/2-13 USS                        | 2    |
| 21   | 64.1453  | .BUSHING, BELT TENSIONER                          | 2    |
| 22   | 06.0060  | .CAP, VINYL 3/16 ID X 2 LONG                      | 3    |
| 23   | 94.06    | .WASHER, FLAT 3/8 USS                             | 2    |
| 24   | 94.07    | .WASHER, FLAT 7/16 USS (Serial # 1001-6511)       | 4    |
| 24   | 94.08    | .WASHER, FLAT 1/2 USS (Serial # 6512-)            | 4    |
| 25   | 90.0618  | .BOLT, 3/8-16 USS X 2 1/4                         | 5    |
| 26   | 99.G0014 | .WASHER, 3/8 USS FW .165 THK (Serial # 1448-2339) | 5    |
| 27   | 60.1056  | .COVER, PULLEY                                    | 8    |

## ILLUSTRATED DRAWING

### Spindles



# PARTS

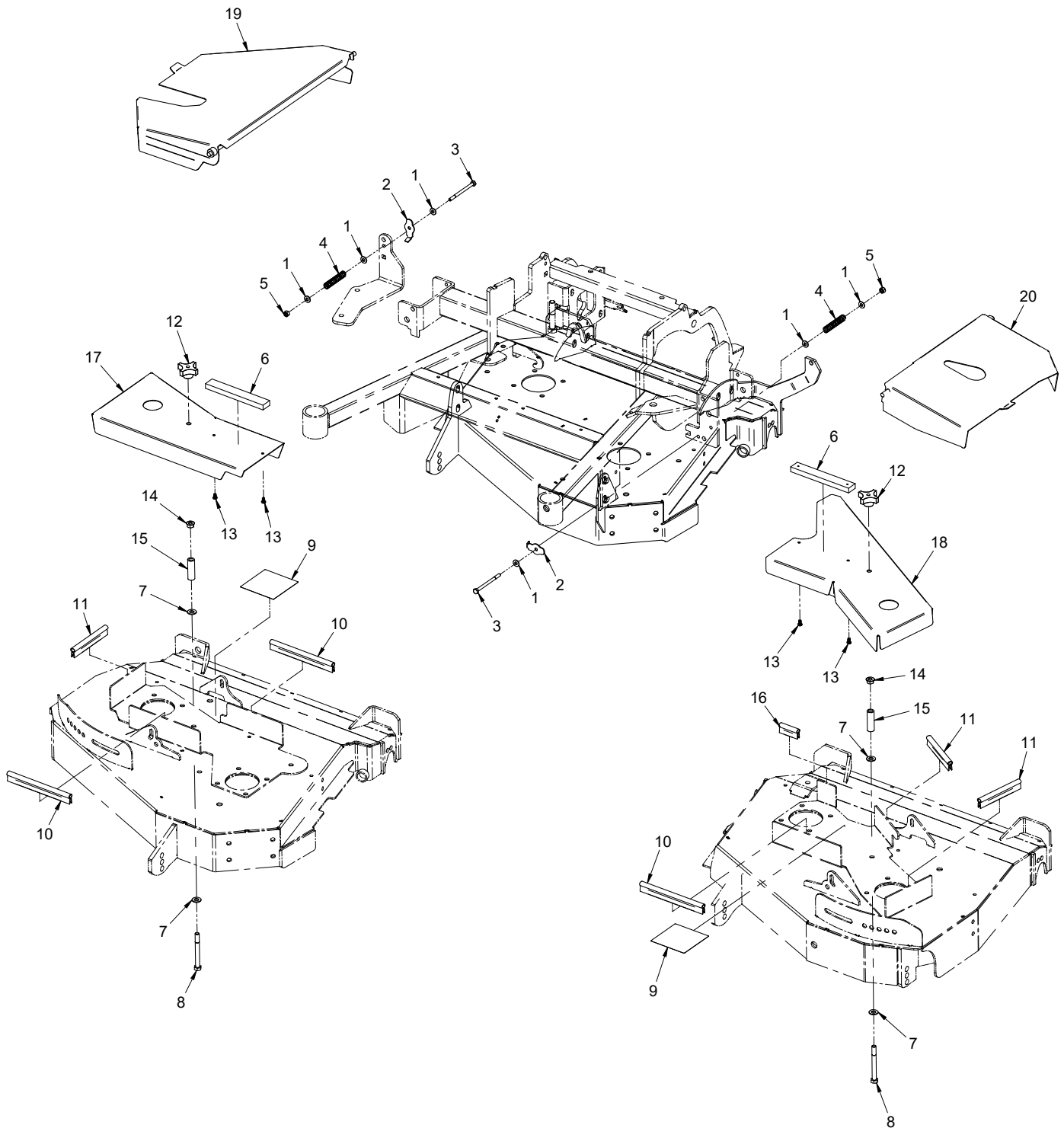
## Spindles

| REF. | PART NO.   | DESCRIPTION                                        | QTY. |
|------|------------|----------------------------------------------------|------|
| 1    | 87.0229    | SPINDLE, ASM RH 25MM AL (Serial # 1001-4403)       | 3    |
| 1    | 87.0261    | SPINDLE, ASM RH 25MM AL (Serial # 4404-)           | 3    |
| 2    | 87.0230    | SPINDLE, ASM LH 25MM AL (Serial # 1001-4403)       | 3    |
| 2    | 87.0262    | SPINDLE, ASM LH 25MM AL (Serial # 4404-)           | 3    |
| 3    | 83.0050    | PULLEY, 5-1/8, 25MM STR. BORE                      | 4    |
| 4    | 99.B0057-2 | WASHER, MACH 3/4 X 1-1/4 10 GA ZP                  | 6    |
| 5    | 99.A12NF   | LOCKNUT, STOVER 3/4-16 SAE                         | 6    |
| 6    | 99.E0082   | NUT, LOCKING FLANGE 3/8 - 16                       | 24   |
| 7    | 90.0612    | BOLT, 3/8-16 USS X 1 1/2                           | 24   |
| 8    | 83.0055    | PULLEY, 2BK50 25MM BORE                            | 2    |
| 9    | 64.1408    | BRACKET, SPINDLE MOUNT LEFT (Serial # 1001-2339)   | 1    |
| 9    | 64.1985    | BRACKET, SPINDLE MOUNT LEFT (Serial # 2340-)       | 1    |
| 10   | 95.06      | WASHER, FLAT 3/8 SAE                               | 24   |
| 11   | 64.1407    | BRACKET, SPINDLE MOUNT RIGHT (Serial # 1001-2339)  | 1    |
| 11   | 64.1984    | BRACKET, SPINDLE MOUNT RIGHT (Serial # 2340-)      | 1    |
| 12   | 79.0079    | BLADE, 15.00X1/2 RH F LOWLIFT                      | 3    |
| 13   | 79.0080    | BLADE, 15.00X1/2 LH F LOWLIFT                      | 3    |
| 14   | 64.1409    | BRACKET, SPINDLE MOUNT CENTER (Serial # 1001-2059) | 1    |
| 14   | 64.1902    | BRACKET, SPINDLE MOUNT CENTER (Serial # 2060-)     | 1    |
| 15   | 64.2002    | GUARD, SPINDLE/ANTI-STRING                         | 6    |
| 16   | 91.0814-8L | BOLT, 1/2-20 X 1 3/4 LH GR8                        | 3    |
| 17   | 91.0814-8  | BOLT, 1/2-20 X 1 3/4 GR8                           | 3    |
| 18   | 85.B0080   | BUSHING, 1-1/2 OD, 1 ID                            | 4    |
| 19   | 95.08      | WASHER, FLAT 1/2 SAE                               | 6    |
| 20   | 90.0608    | BOLT, 3/8-16 USS X 1 (Serial # 2060-)              | 1    |
| 21   | 99.SF06    | NUT, SRF 3/8-16 USS (Serial # 2060-)               | 1    |
| 30   | 29.GF0017  | FITTING, RELIEF                                    | 1    |
| 31   | 87.0209-1  | HOUSING, SPINDLE AL                                | 1    |
| 32   | 55.0064    | BEARING, BALL 25 MM X 62 MM                        | 1    |
| 33   | 87.0208-2  | SHAFT, SPINDLE LH                                  | 1    |
| 34   | 55.0064    | BEARING, BALL 25 MM X 62 MM                        | 1    |
| 35   | 85.B0082   | BUSHING, SPINDLE SHAFT SPACER                      | 1    |
| 36   | 87.0210    | SPINDLE, FLANGE SHIELD                             | 1    |
| 37   | 85.W0406   | KEY, WOODRUFF 1/4 X 3/4                            | 1    |
| 38   | 29.GF0001  | GREASE FTG, 1/4 SAE ST                             | 1    |
| 42   | 87.0209-2  | SHAFT, SPINDLE RH                                  | 1    |
| 45   | 87.0261-1  | HOUSING, SPINDLE AL                                | 1    |
| 46   | 87.0261-2  | SHAFT, SPINDLE RH                                  | 1    |
| 49   | 87.0262-2  | SHAFT, SPINDLE LH                                  | 1    |

# PARTS

## ILLUSTRATED DRAWING

### Deck Shields



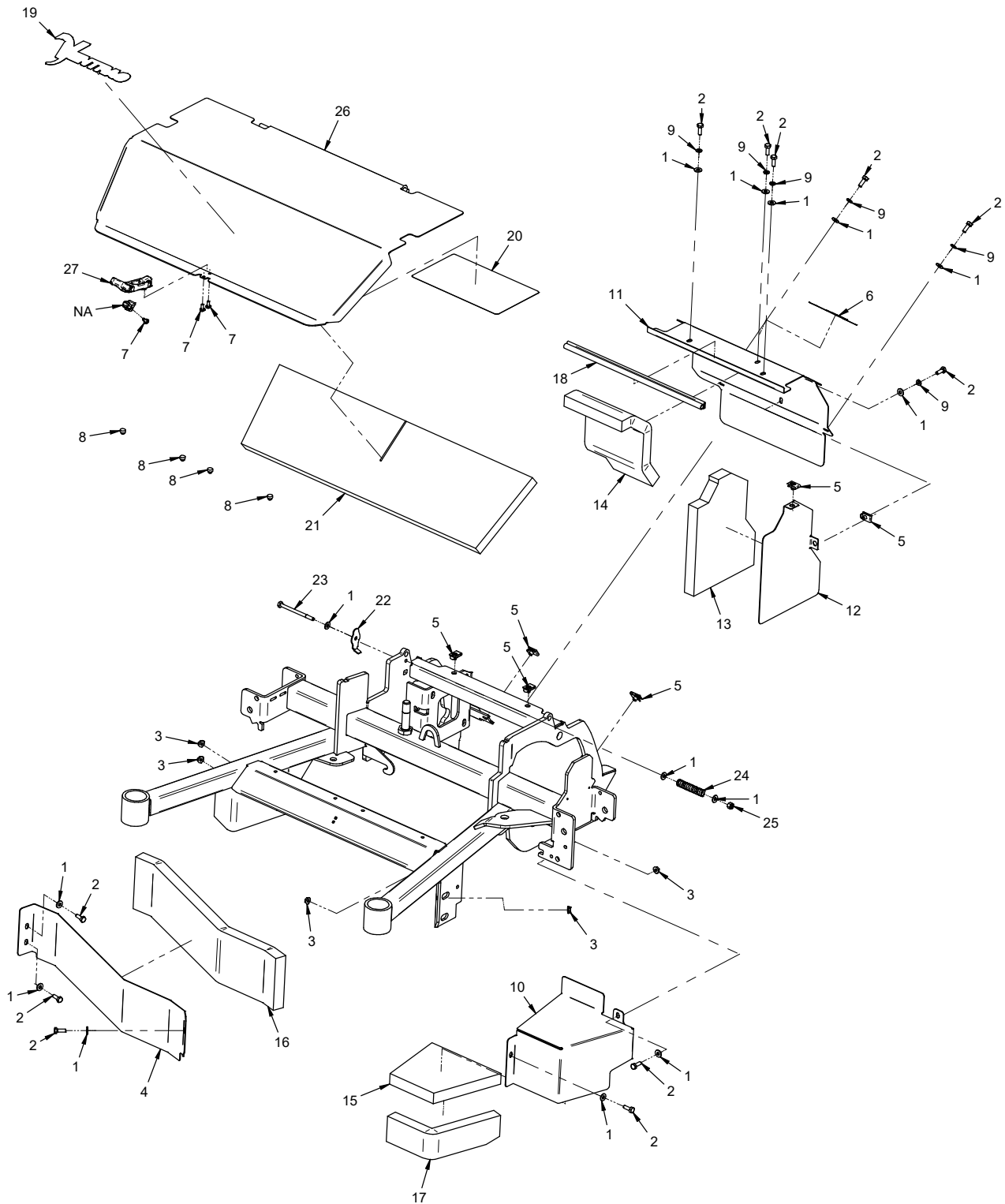
# PARTS

## Deck Shields

| REF. | PART NO.    | DESCRIPTION                                       | QTY. |
|------|-------------|---------------------------------------------------|------|
| 1    | 95.04       | WASHER, FLAT 1/4 SAE                              | 6    |
| 2    | 64.1413     | BRACKET, SHIELD SPRING                            | 2    |
| 3    | 90.0428     | BOLT, 1/4-20 USS X 3 1/2                          | 2    |
| 4    | 41.0021     | SPRING, COMP 1/2 OD X 2-3/4 LG                    | 2    |
| 5    | 99.A04N     | LOCKNUT, NYLON 1/4-20                             | 2    |
| 6    | 44.0250     | SLIDE, SHIELD                                     | 2    |
| 7    | 95.06       | WASHER, FLAT 3/8 SAE                              | 4    |
| 8    | 90.0628     | BOLT, 3/8-16 USS X 3 1/2                          | 2    |
| 9    | 00.0062     | DECAL, DANGER SHIELD MISSING (Serial # 1001-4163) | 2    |
| 9    | 00.0625     | DECAL, SHIELD MISSING (Serial # 4164-)            | 2    |
| 10   | 06.0062-7IN | TRIM, TRIM SEAL W/BULB X 7"                       | 3    |
| 11   | 06.0062-5IN | TRIM, TRIM SEAL W/BULB X 5"                       | 3    |
| 12   | 47.0213     | KNOB, 3/8-16 THRU HOLE                            | 2    |
| 13   | 99.K0105    | MACHINE SCREW, #10-32 X 3/8                       | 4    |
| 14   | 99.SF06     | NUT, SRF 3/8-16 USS                               | 2    |
| 15   | 64.1410     | BUSHING, SHIELD MOUNT                             | 2    |
| 16   | 06.0062-2IN | TRIM, TRIM SEAL W/BULB X 2"                       | 1    |
| 17   | 60.1028     | SHIELD, DECK RIGHT                                | 1    |
| 18   | 60.1027     | SHIELD, DECK LEFT                                 | 1    |
| 19   | 60.1029     | SHIELD, DECK HINGE RIGHT                          | 1    |
| 20   | 60.1030     | SHIELD, DECK HINGE LEFT                           | 1    |

# PARTS

## ILLUSTRATED DRAWING Carrier Shields



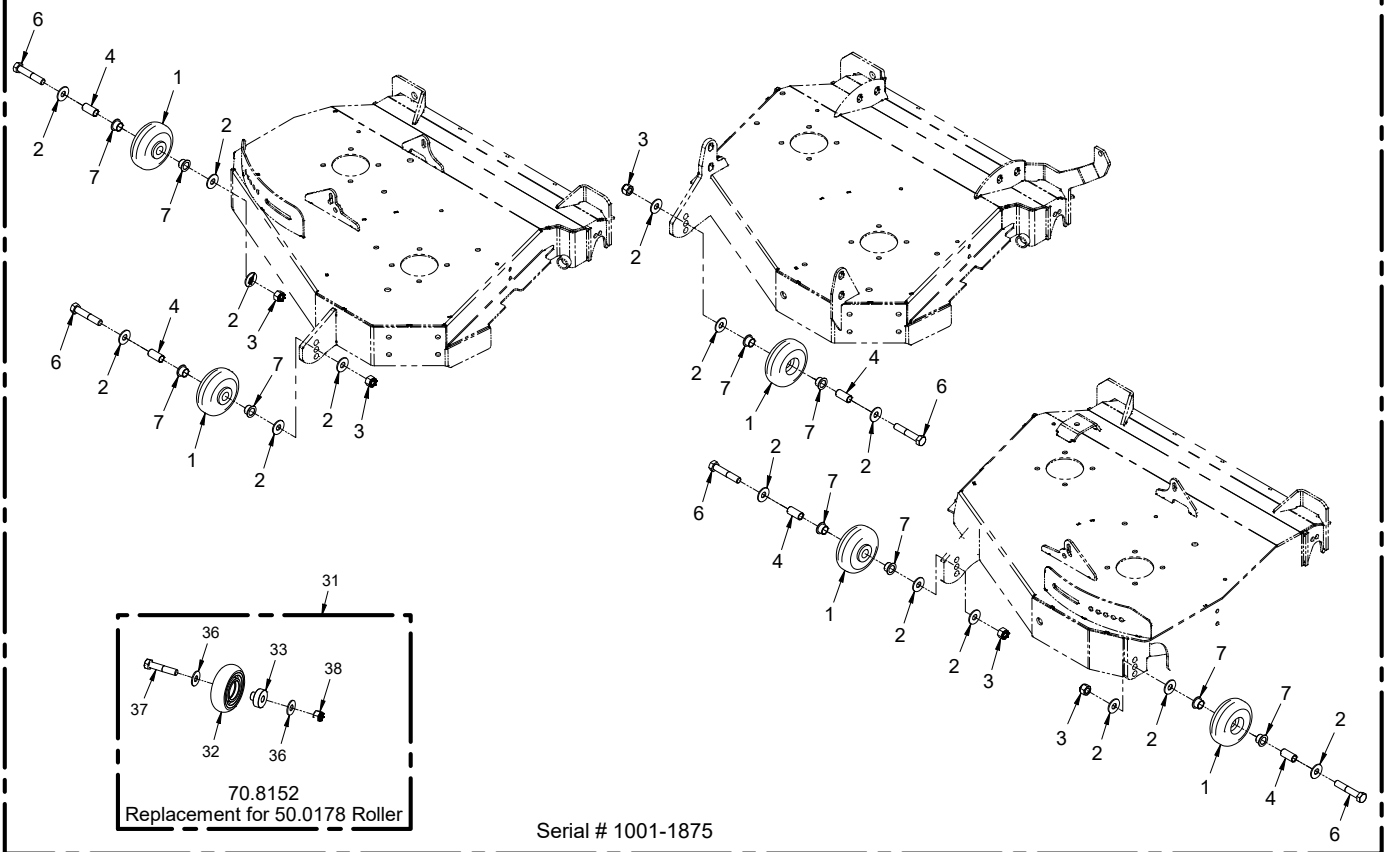
# PARTS

## Carrier Shields

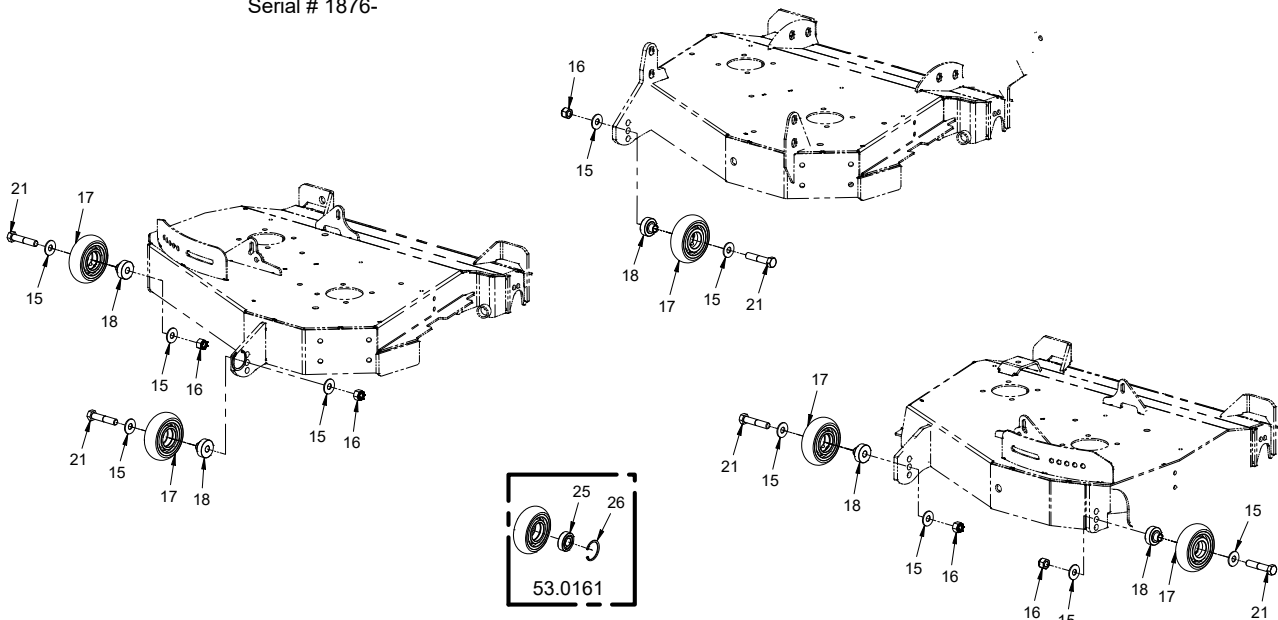
| REF. | PART NO.        | DESCRIPTION                                   | QTY. |
|------|-----------------|-----------------------------------------------|------|
| 1    | 95.04           | WASHER, FLAT 1/4 SAE                          | 14   |
| 2    | 90.0406         | BOLT, 1/4-20 USS X 3/4"                       | 11   |
| 3    | 99.SF04         | NUT, SRF 1/4-20 USS                           | 5    |
| 4    | 60.1031         | SHIELD, CARRIER FRAME FRONT                   | 1    |
| 5    | 99.E0046        | NUT, "U" 1/4-20 EXTRUDED                      | 6    |
| 6    | 00.0192         | DECAL, V-DECAL DIE CUT BLUE                   | 1    |
| 7    | 99.K0072        | MACHINE SCREW, 10-24 X 1/2 ZP                 | 3    |
| 8    | 05.0120         | BUMPER, NEOPRENE 10 GA - 1/4                  | 4    |
| 9    | 96.04           | WASHER, LOCK 1/4                              | 6    |
| 10   | 60.1032         | SHIELD, CARRIER FRAME LEFT                    | 1    |
| 11   | 60.1093         | SHIELD, CARRIER FRAME REAR                    | 1    |
| 12   | 60.1094         | SHIELD, GEARBOX LEFT SIDE                     | 1    |
| 13   | 44.0301         | INSULATION, GEARBOX SHIELD                    | 1    |
| 14   | 44.0300         | INSULATION, REAR SHIELD                       | 1    |
| 15   | 44.0304         | INSULATION, SHIELD UPPER                      | 1    |
| 16   | 44.0303         | INSULATION, FRONT SHIELD                      | 1    |
| 17   | 44.0305         | INSULATION, SHIELD SIDE                       | 1    |
| 18   | 06.0049-14.88IN | TRIM, 7/16" BULB SEAL SIDE 1/16T X 14-7/8"    | 1    |
| 19   | 00.0189         | DECAL, VENTRAC ORBITAL (SERIAL # 1001-5944)   | 1    |
| 19   | 00.0383         | DECAL, VENTRAC (SERIAL # 5945-)               | 1    |
| 20   | 00.0290         | DECAL, MAINTENANCE MJ CE (SERIAL # 1001-1875) | 1    |
| 20   | 00.0399         | DECAL, MAINTENANCE MJ CE (SERIAL # 1876-5635) | 1    |
| 20   | 00.0762         | DECAL, MAINTENANCE MJ CE (SERIAL # 5636-)     | 1    |
| 21   | 44.0302         | INSULATION, CARRIER SHIELD                    | 1    |
| 22   | 64.1413         | BRACKET, SHIELD SPRING                        | 1    |
| 23   | 90.0428         | BOLT, 1/4-20 USS X 3-1/2                      | 1    |
| 24   | 41.0021         | SPRING, COMP 1/2 OD X 2-3/4 LG                | 1    |
| 25   | 99.A04N         | LOCKNUT, NYLON 1/4-20                         | 1    |
| 26   | 60.1026         | SHIELD, CARRIER FRAME                         | 1    |
| 27   | 47.0127         | LATCH, RUBBER DRAW T-HANDLE                   | 1    |

# PARTS

## ILLUSTRATED DRAWING Front Anti-Scalp Rollers



Serial # 1876-



# PARTS

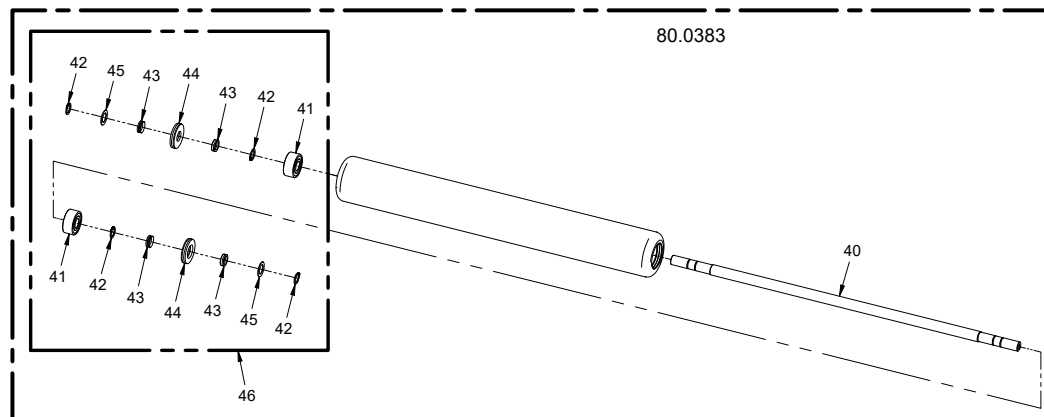
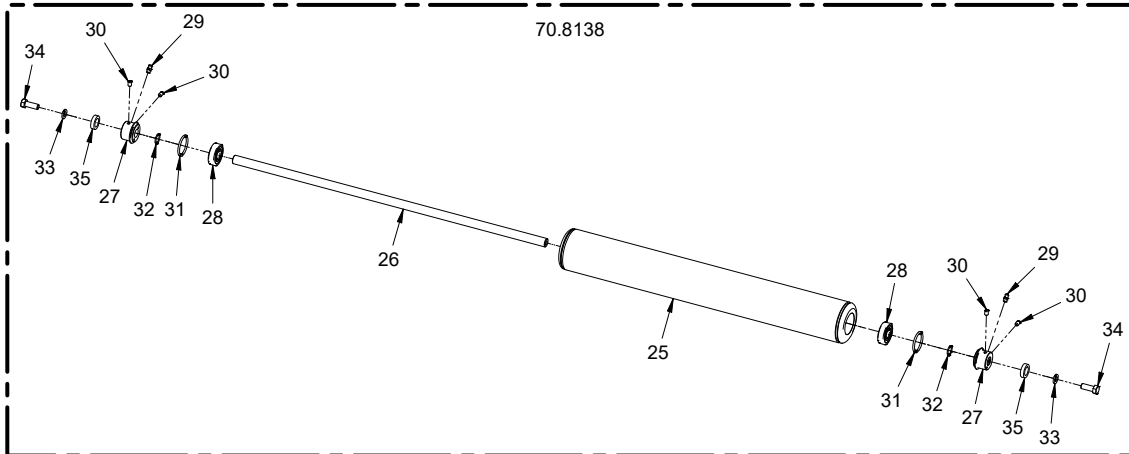
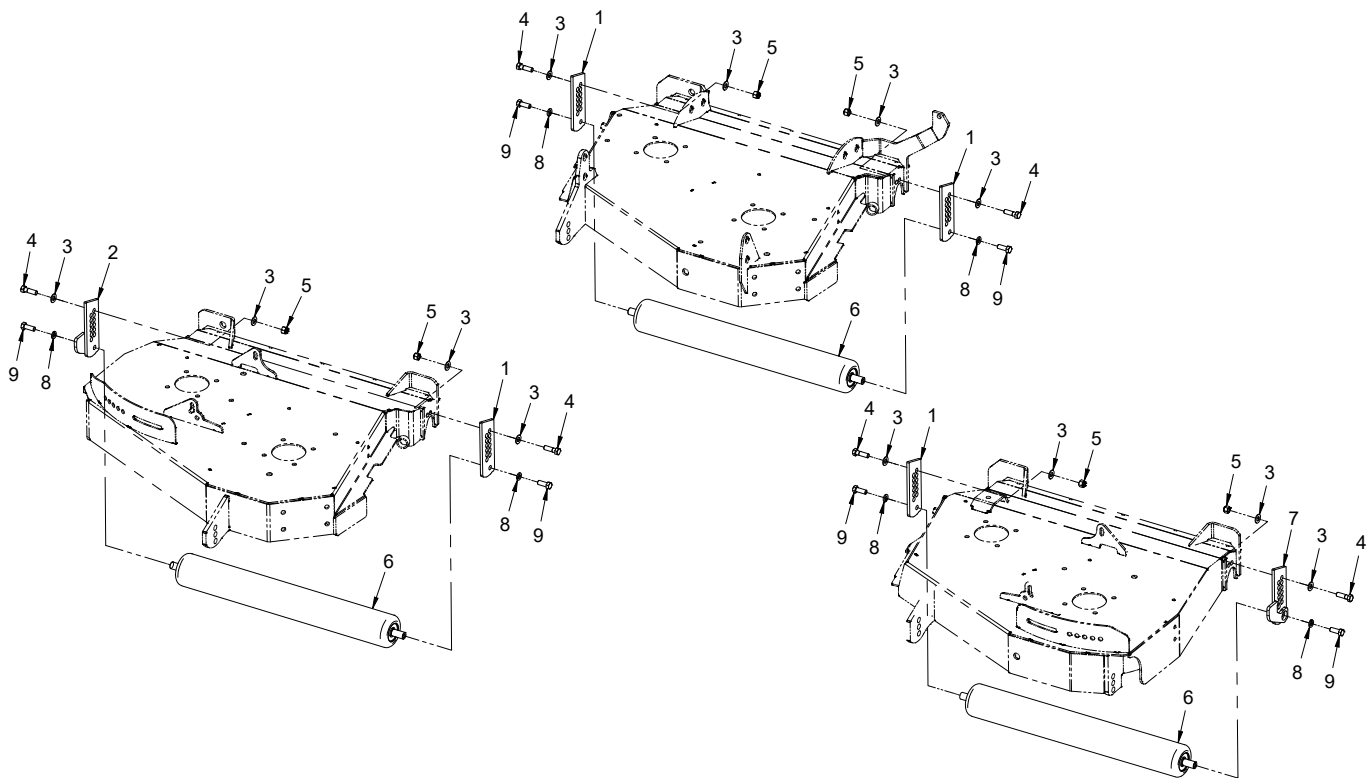
## Front Anti-Scalp Rollers

| REF. | PART NO. | DESCRIPTION                                            | QTY. |
|------|----------|--------------------------------------------------------|------|
| 1    | 50.0178  | ROLLER, 4" X 1.625 BLACK UHMW (Serial # 1001-1875)     | 5    |
| 2    | 94.07    | WASHER, FLAT 7/16 USS                                  | 15   |
| 3    | 99.A08N  | LOCKNUT, NYLON 1/2-13 USS                              | 5    |
| 4    | 64.1415  | BUSHING, .495ID X5/8OD X1-9/32 SS (Serial # 1001-1875) | 5    |
| 6    | 90.0822  | BOLT, 1/2-13 USS X 2 3/4 (Serial # 1001-1875)          | 5    |
| 7    | 85.B0088 | BUSHING, 5/8 ID X 3/4 OD X 1/2 (Serial # 1001-1875)    | 10   |
| 15   | 94.07    | WASHER, FLAT 7/16 USS (Serial # 1001-6511)             | 10   |
| 15   | 94.08    | WASHER, FLAT 1/2 USS (Serial # 6512-)                  | 10   |
| 16   | 99.A08N  | LOCKNUT, NYLON 1/2-13 USS                              | 5    |
| 17   | 53.0161  | WHEEL, 4" OD COMPLETE (Serial # 1876-)                 | 5    |
| 18   | 50.0192  | BUSHING, ANTI-SCALP WHEEL (Serial # 1876-)             | 5    |
| 21   | 90.0820  | BOLT, 1/2-13 USS X 2-1/2 (Serial # 1876-)              | 5    |
| 25   | 55.0094  | BEARING, BALL 17 X 40MM 2RSTFP                         | 1    |
| 26   | 04.0033  | SNAP RING, INT 1-9/16 BORE                             | 1    |
| 31   | 70.8152  | KIT, ANTI-SCALP WHEEL MJ840                            | 5    |
| 32   | 53.0161  | WHEEL, 4" OD COMPLETE                                  | 1    |
| 33   | 50.0192  | BUSHING, ANTI-SCALP WHEEL                              | 1    |
| 36   | 94.07    | WASHER, FLAT 7/16 USS                                  | 2    |
| 37   | 90.0820  | BOLT, 1/2-13 USS X 2-1/2                               | 1    |
| 38   | 99.A08N  | LOCKNUT, NYLON 1/2-13 USS                              | 1    |

# PARTS

## ILLUSTRATED DRAWING

### Rear Rollers



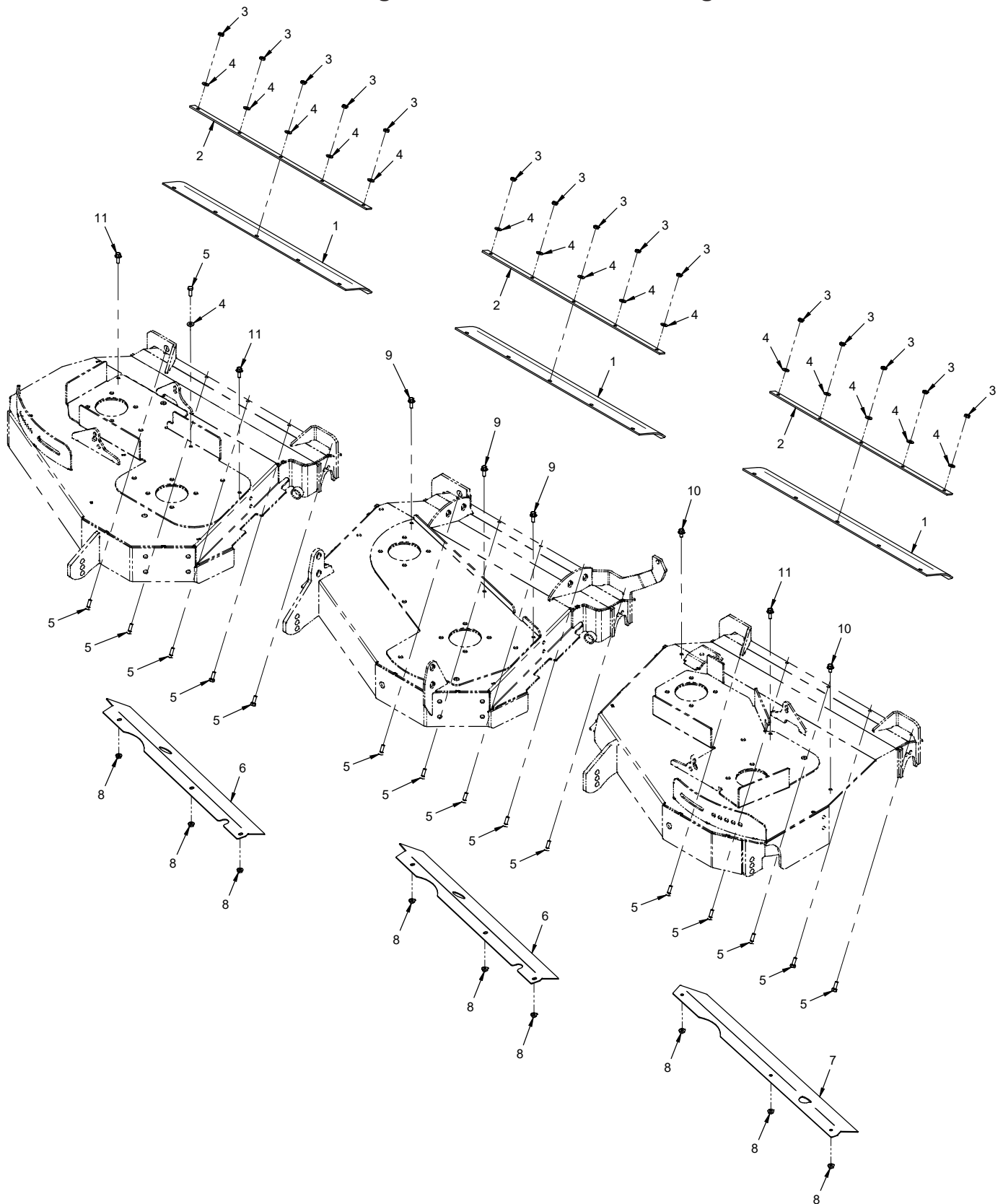
# PARTS

## Rear Rollers

| REF. | PART NO.  | DESCRIPTION                                      | QTY. |
|------|-----------|--------------------------------------------------|------|
| 1    | 64.1425   | .PLATE, ROLLER HEIGHT ADJUST                     | 4    |
| 2    | 64.1402   | .MOUNT, ROLLER HEIGHT ADJ RIGHT                  | 1    |
| 3    | 95.06     | .WASHER, FLAT 3/8 SAE                            | 12   |
| 4    | 90.0610   | .BOLT, 3/8-16 USS X 1-1/4                        | 6    |
| 5    | 99.A06N   | .LOCKNUT, NYLON 3/8-16 USS                       | 6    |
| 6    | 70.8138   | .KIT, ROLLER ASSEMBLY MJ840 (Serial # 1001-1871) | 3    |
| 6    | 80.0383   | .ROLLER, REAR MJ840 COMPLETE (Serial # 1872-)    | 3    |
| 7    | 64.1403   | .MOUNT, ROLLER HEIGHT ADJ. LEFT                  | 1    |
| 8    | 96.06     | .WASHER, LOCK 3/8                                | 6    |
| 9    | 99.K0104  | .BOLT, 3/8-24 X 1 GRD 8                          | 6    |
| 25   | 80.0372   | .ROLLER, REAR DECK - MJ840                       | 1    |
| 26   | 42.0537   | .SHAFT, REAR ROLLER                              | 1    |
| 27   | 53.0135   | .COLLAR, ROLLER END CAP                          | 2    |
| 28   | 55.0069   | .BEARING, BALL .625 IN X 40MM                    | 2    |
| 29   | 29.GF0001 | .GREASE FTG, 1/4 SAE ST                          | 2    |
| 30   | 85.SS11   | .SET SCREW, 1/4-28 X 3/8"                        | 4    |
| 31   | 26.0029   | .O-RING, 1-5/16 X 1-9/16 X 1/8                   | 2    |
| 32   | 26.0028   | .O-RING, 5/8 ID X 3/4 OD X 1/16                  | 2    |
| 33   | 96.06     | .WASHER, LOCK 3/8                                | 2    |
| 34   | 99.K0104  | .BOLT, 3/8-24 SAE X 1 GRADE 8                    | 2    |
| 35   | 05.0112   | .WASHER, NYLON .635ID X1OD X1/4                  | 2    |
| 40   | 80.0384   | .SHAFT, 80.0383 ROLLER                           | 1    |
| 41   | 55.0093   | .BEARING, 80.0383 ROLLER                         | 2    |
| 42   | 04.0036   | .SNAP RING, EXT .575 ID X .05THK                 | 4    |
| 43   | 89.0101   | .SEAL, 80.0383 ROLLER ENDCAP                     | 4    |
| 44   | 80.0385   | .ENDCAP, 80.0383 ROLLER                          | 2    |
| 45   | 99.B0114  | .SHIM, 5/8"X1"X .032 THK SS                      | 2    |
| 46   | 80.0383-1 | .KIT, OVERHAUL 80.0383 ROLLER                    | 1    |

# PARTS

## ILLUSTRATED DRAWING Discharge Deflectors & Rear Belting



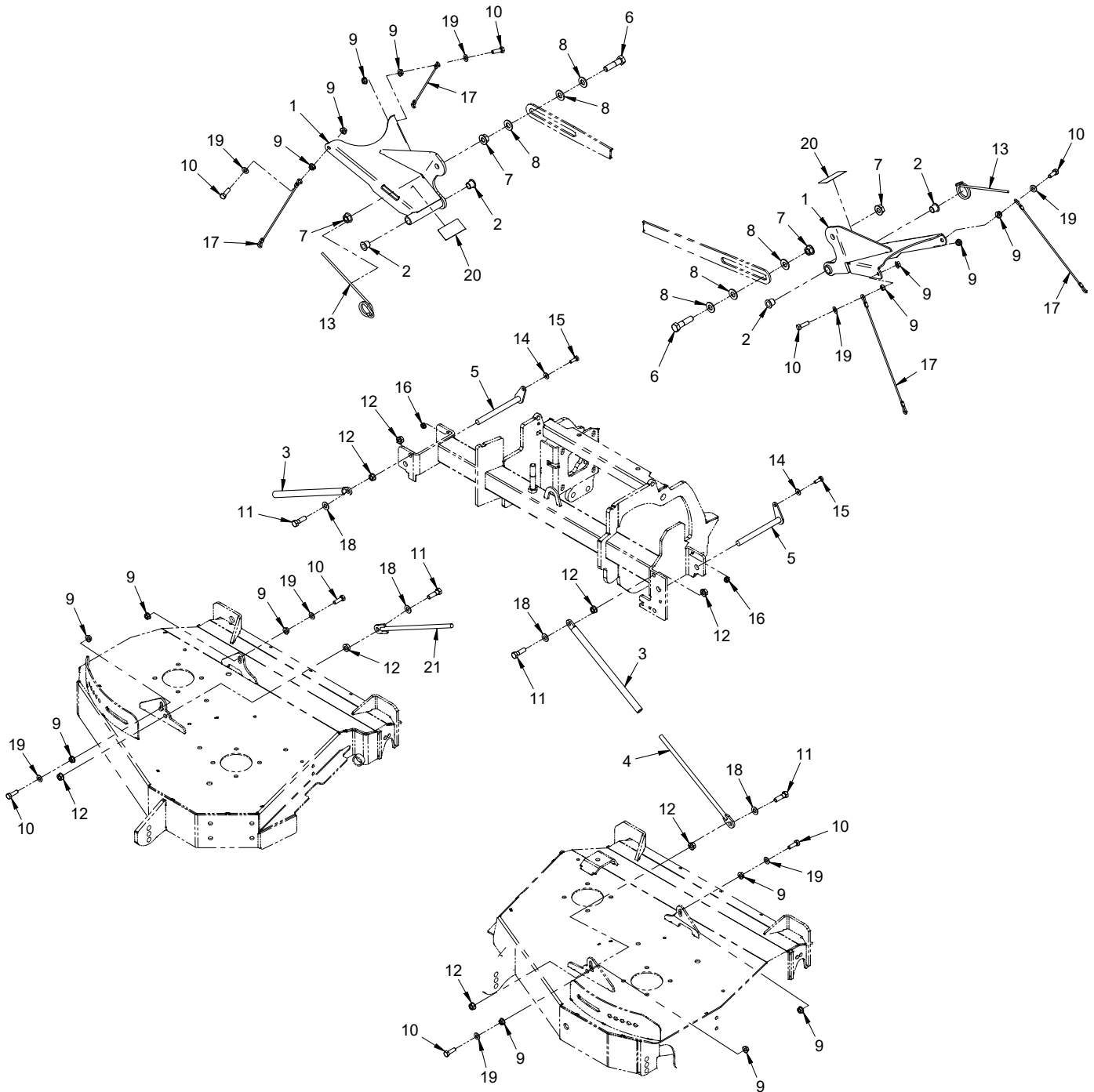
# PARTS

## Discharge Deflectors & Rear Belting

| REF. | PART NO.  | DESCRIPTION                                 | QTY. |
|------|-----------|---------------------------------------------|------|
| 1    | 44.0251   | BELTING, REAR DISCHARGE                     | 3    |
| 2    | 64.1422   | CLAMP, REAR BELTING                         | 3    |
| 3    | 99.A04    | LOCKNUT, STOVER 1/4-20 USS                  | 15   |
| 4    | 95.04     | WASHER, FLAT 1/4 SAE                        | 16   |
| 5    | 90.0406   | BOLT, 1/4-20 USS X 3/4                      | 16   |
| 6    | 60.1035   | DEFLECTOR, DECK DISCHARGE R/C               | 2    |
| 7    | 60.1036   | DEFLECTOR, DECK DISCHARGE LEFT              | 1    |
| 8    | 99.SF04   | NUT, SRF 1/4-20 USS                         | 9    |
| 9    | 99.SF0404 | BOLT, SRF 1/4-20 X 1/2 (Serial # 1001-2059) | 3    |
| 9    | 99.SF0406 | BOLT, SRF 1/4-20 X 3/4 (Serial # 2060-)     | 3    |
| 10   | 99.SF0404 | BOLT, SRF 1/4-20 X 1/2                      | 2    |
| 11   | 99.SF0404 | BOLT, SRF 1/4-20 X 1/2 (Serial # 1001-2339) | 3    |
| 11   | 99.SF0406 | BOLT, SRF 1/4-20 X 3/4 (Serial # 2340-)     | 3    |

# PARTS

## ILLUSTRATED DRAWING Deck Wing Lift Arms



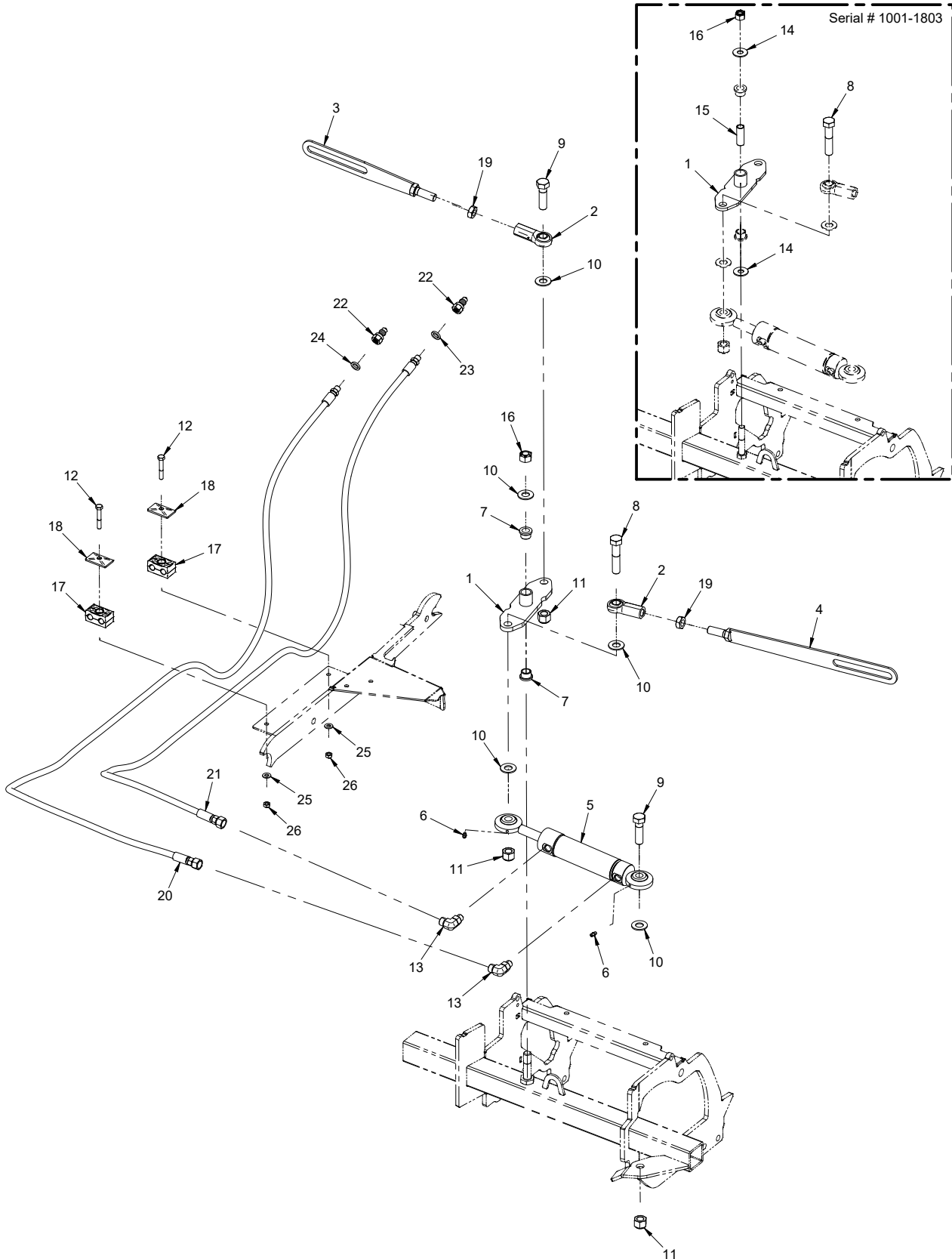
# PARTS

## Deck Wing Lift Arms

| REF. | PART NO. | DESCRIPTION                                         | QTY. |
|------|----------|-----------------------------------------------------|------|
| 1    | 62.1300  | LIFT ARM, OUTSIDE DECK WING (Serial # 1001-1875)    | 2    |
| 1    | 62.1427  | LIFT ARM, OUTSIDE DECK WING (Serial # 1876-)        | 2    |
| 2    | 85.B0027 | BUSHING, 1/2 ID X 5/8 OD X 5/8                      | 4    |
| 3    | 64.1406  | LIMITER, DECK HINGE UPPER                           | 2    |
| 4    | 64.1405  | LIMITER, DECK HINGE LOWER L                         | 1    |
| 5    | 64.1404  | PIN, LIFT ARM PIVOT                                 | 2    |
| 6    | 90.0816  | BOLT, 1/2-13 USS X 2                                | 2    |
| 7    | 99.SF08  | NUT, SRF 1/2-13 USS                                 | 4    |
| 8    | 95.08    | WASHER, FLAT 1/2 SAE                                | 6    |
| 9    | 99.SF05  | NUT, SRF 5/16-18 USS                                | 16   |
| 10   | 90.0508  | BOLT, 5/16-18 USS X 1                               | 8    |
| 11   | 90.0610  | BOLT, 3/8-16 USS X 1 1/4                            | 4    |
| 12   | 99.SF06  | NUT, SRF 3/8-16 USS                                 | 8    |
| 13   | 41.0111  | SPRING, TORSION LH 1-3/16 ID X 7                    | 2    |
| 14   | 95.04    | WASHER, FLAT 1/4 SAE                                | 2    |
| 15   | 90.0406  | BOLT, 1/4-20 USS X 3/4                              | 2    |
| 16   | 99.SF04  | NUT, SRF 1/4-20 USS                                 | 2    |
| 17   | 45.0047  | CABLE, 1/8 X 12 SS W/3/8 LOOPS (Serial # 1001-2339) | 4    |
| 17   | 45.0055  | CABLE, 1/8 X 12 SS STAMPED END (Serial # 2340-)     | 4    |
| 18   | 95.06    | WASHER, FLAT 3/8 SAE                                | 4    |
| 19   | 95.05    | WASHER, FLAT 5/16 SAE                               | 8    |
| 20   | 00.0218  | DECAL, WARNING PINCH POINT (Serial # 1001-4163)     | 2    |
| 20   | 00.0364  | DECAL, WARNING PINCH POINT (Serial # 4164)          | 2    |
| 21   | 64.1405  | LIMITER, DECK HINGE LOWER (Serial # 1001-1221)      | 1    |
| 21   | 64.1658  | LIMITER, DECK HINGE LOWER R (Serial # 1222-)        | 1    |

# PARTS

## ILLUSTRATED DRAWING Deck Wing Lift Arm Hydraulics



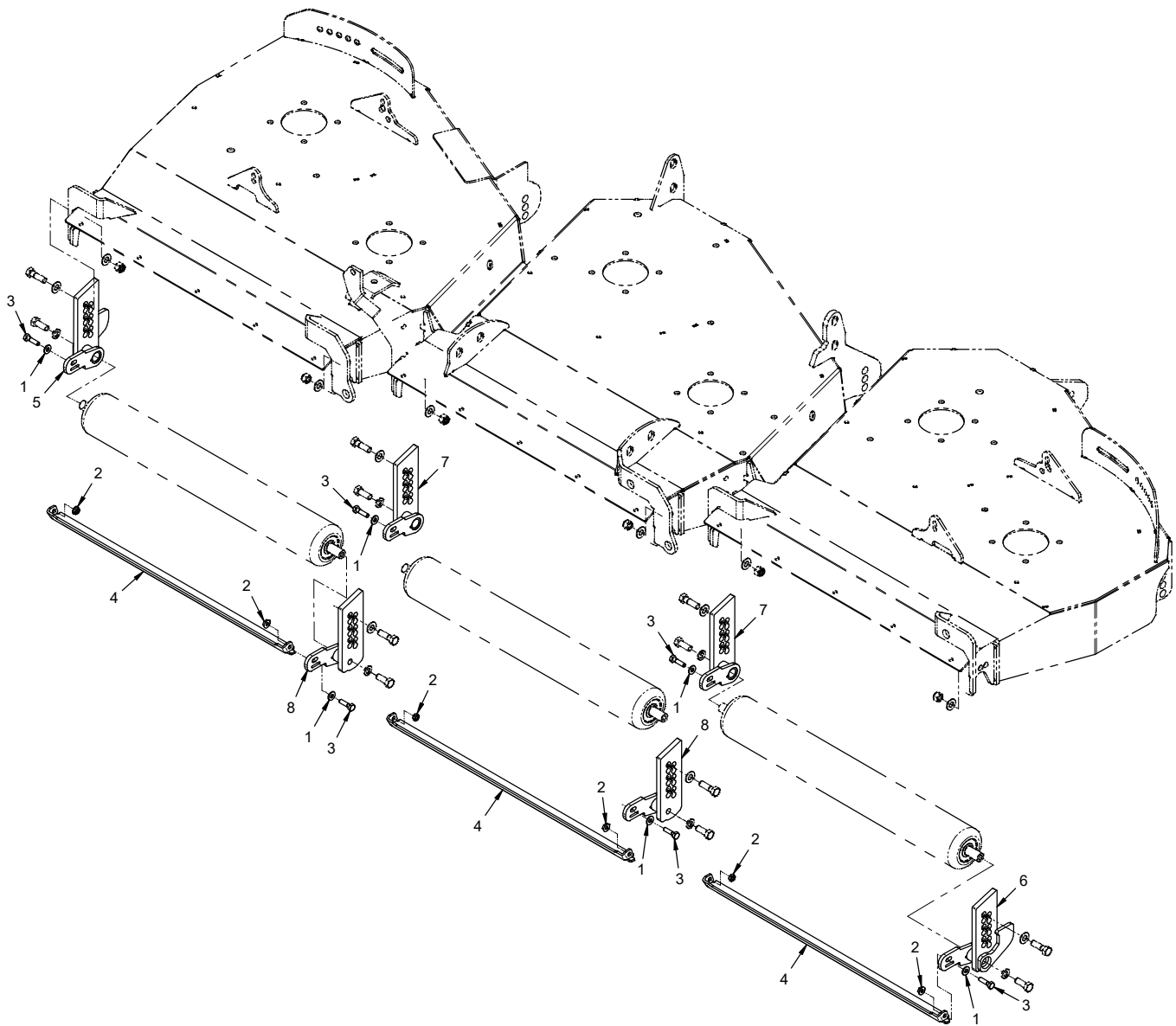
# PARTS

## Deck Wing Lift Arm Hydraulics

| REF. | PART NO.        | DESCRIPTION                                                | QTY. |
|------|-----------------|------------------------------------------------------------|------|
| 1    | 42.0532         | .PIVOT, LIFT LINK MJ (Serial # 1001-1803)                  | 1    |
| 1    | 42.0574         | .PIVOT, LIFT LINK MJ (Serial # 1804-)                      | 1    |
| 2    | 43.010          | .ROD END, 5/8 SPHERICAL                                    | 2    |
| 3    | 42.0531         | .LINK, LIFT ARM RIGHT DECK                                 | 1    |
| 4    | 42.0530         | .LINK, LIFT ARM LEFT DECK                                  | 1    |
| 5    | 23.0130         | .CYLINDER, 1-1/2" X 5"                                     | 1    |
| 6    | 29.GF0001       | .GREASE FTG, 1/4 SAE ST                                    | 2    |
| 7    | 85.B0118        | .BUSHING, 5/8 IDX13/16 ODX5/8L                             | 2    |
| 8    | 91.1024         | .BOLT, 5/8-18 SAE X 3 (Serial # 1001-1803)                 | 1    |
| 8    | 91.1026         | .BOLT, 5/8-18 SAE X 3-1/4 (Serial # 1804-)                 | 1    |
| 9    | 91.1018         | .BOLT, 5/8-18 SAE X 2 1/4                                  | 2    |
| 10   | 95.10           | .WASHER, FLAT 5/8 SAE (Serial # 1001-1803)                 | 4    |
| 10   | 95.10           | .WASHER, FLAT 5/8 SAE (Serial # 1804-)                     | 5    |
| 11   | 99.A10NFN       | .LOCKNUT, NYLON 5/8-18 SAE ZP                              | 3    |
| 12   | 90.0516         | .BOLT, 5/16-18 USS X 2                                     | 2    |
| 13   | 25.FF6801-06-06 | .FITTING, 90 - 6 MFF X 6 MB                                | 2    |
| 14   | 94.07           | .WASHER, FLAT 7/16 USS (Serial # 1001-1803)                | 2    |
| 15   | 64.1427         | .BUSHING, .495 ID X 5/8 OD X 1-3/4 SS (Serial # 1001-1803) | 1    |
| 16   | 99.A08N         | .LOCKNUT, NYLON 1/2-13 USS (Serial # 1001-1803)            | 1    |
| 16   | 99.A10          | .LOCKNUT, STOVER 5/8-11 USS (Serial # 1804-)               | 1    |
| 17   | 44.0256         | .CLAMP, HYD HOSE 12.7MM ID GRN                             | 2    |
| 18   | 44.0229         | .COVER PLATE, 2D GROUP                                     | 2    |
| 19   | 99.E0011        | .NUT, JAM 5/8 SAE                                          | 2    |
| 20   | 20.0284         | .HOSE ASM, 1/4 X 73 SAE 100R17                             | 1    |
| 21   | 20.0285         | .HOSE ASM, 1/4 X 66 SAE 100R17                             | 1    |
| 22   | 23.0104         | .COUPLER, HYDRAULIC QUICK - 1/4 MALE                       | 2    |
| 23   | 05.0117         | .WASHER, .544 ID X .817 X .14 YEL                          | 1    |
| 24   | 05.0116         | .WASHER, .544 ID X .817 X .14 RED                          | 1    |
| 25   | 95.05           | .WASHER, FLAT 5/16 SAE                                     | 2    |
| 26   | 99.A05          | .LOCKNUT, STOVER 5/16-18 USS                               | 2    |

# PARTS

## ILLUSTRATED DRAWING 70.8239 MJ Roller Scraper Kit



# PARTS

## 70.8239 MJ Roller Scraper Kit

| REF. | PART NO. | DESCRIPTION                          | QTY. |
|------|----------|--------------------------------------|------|
| 1    | 95.04    | WASHER, FLAT 1/4 SAE                 | 6    |
| 2    | 99.SF04  | NUT, SRF 1/4-20 USS                  | 6    |
| 3    | 90.0408  | BOLT, 1/4-20 USS X 1                 | 6    |
| 4    | MJ-1002  | SCRAPER, REAR ROLLER MJ              | 3    |
| 5    | MJ-6005  | MOUNT, SCRAPER ROLLER HEIGHT ADJ. LH | 1    |
| 6    | MJ-6006  | MOUNT, SCRAPER ROLLER HEIGHT ADJ. RH | 1    |
| 7    | MJ-6003  | MOUNT, SCRAPER ROLLER HT ADJ. MID LH | 2    |
| 8    | MJ-6004  | MOUNT, SCRAPER ROLLER HT ADJ. MID RH | 2    |