

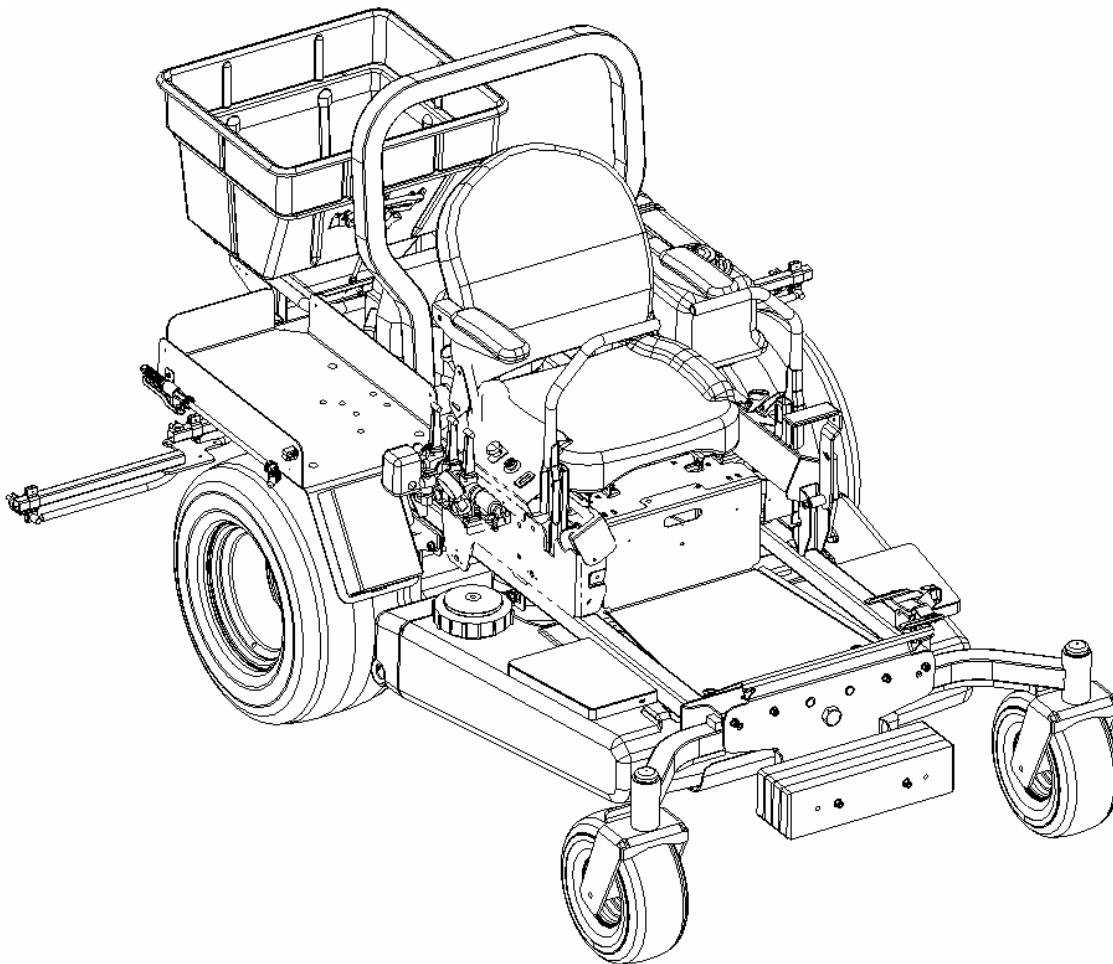


# Commercial Tank Ride-On Sprayer-Spreader

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*Professional Turf Equipment*

40 Gallon Tank  
125 lb Hopper



## ILLUSTRATED PARTS LIST

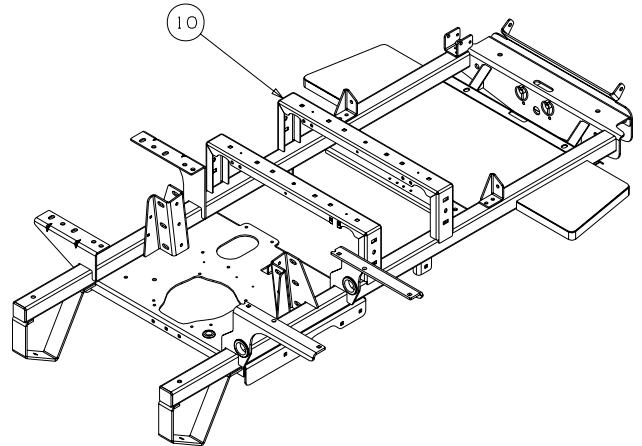
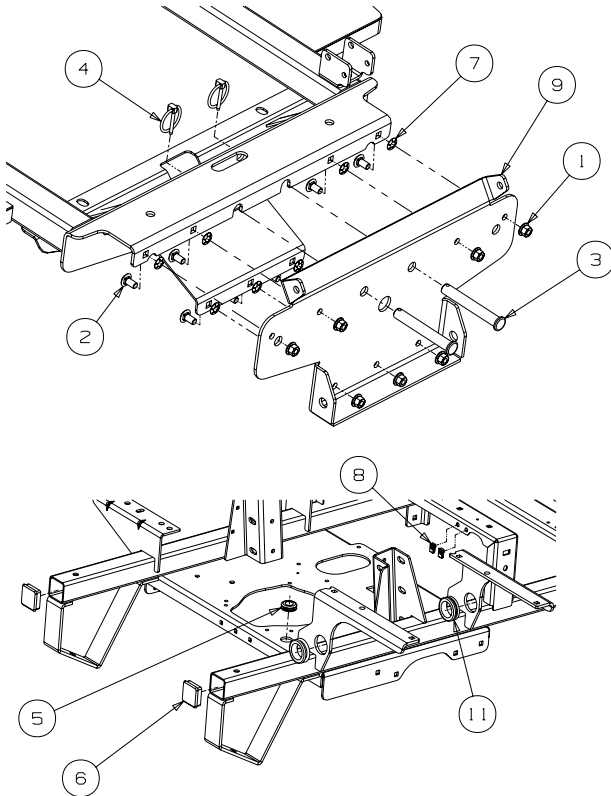
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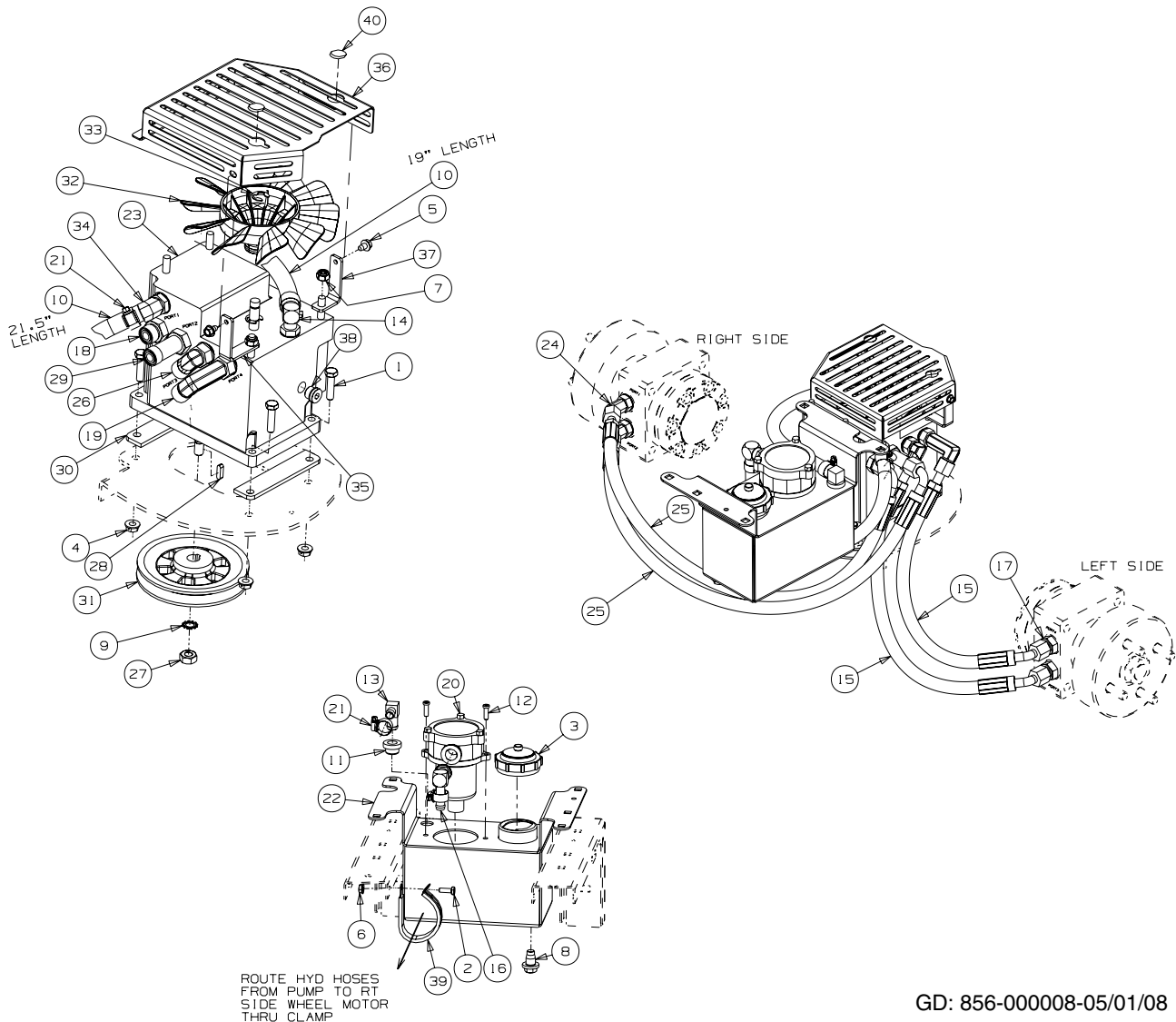
## Frame Assembly- Figure 1 and Parts List



GD: 856-000007-05/01/08

| Ref. No. | Part No.  | Description                       | Qty. |
|----------|-----------|-----------------------------------|------|
| 1        | 00022560  | Hex Nut, 3/8-16 Flange Lock       | 7    |
| 2        | 01000372  | Carriage Bolt, 3/8-16 x .75 Long  | 7    |
| 3        | 01003282  | Clevis Pin, .625 Dia x 4.375 Long | 2    |
| 4        | 01003993  | Linch Pin, 3/16 Dia.              | 2    |
| 5        | 01004040  | Grom, .75 ID                      | 1    |
| 6        | 01005160  | Plug, Square Tube                 | 2    |
| 7        | 01008225  | Push Retainer, 3/8                | 7    |
| 8        | 01008539  | U-Nut, 1/4-20                     | 2    |
| 9        | 02004581  | Bracket Assembly, Frame, Front    | 1    |
| 10       | 603-04609 | Frame Assembly                    | 1    |
| 11       | 735-04128 | Rubber Grommet, 1.5 ID x 2.13 OD  | 2    |

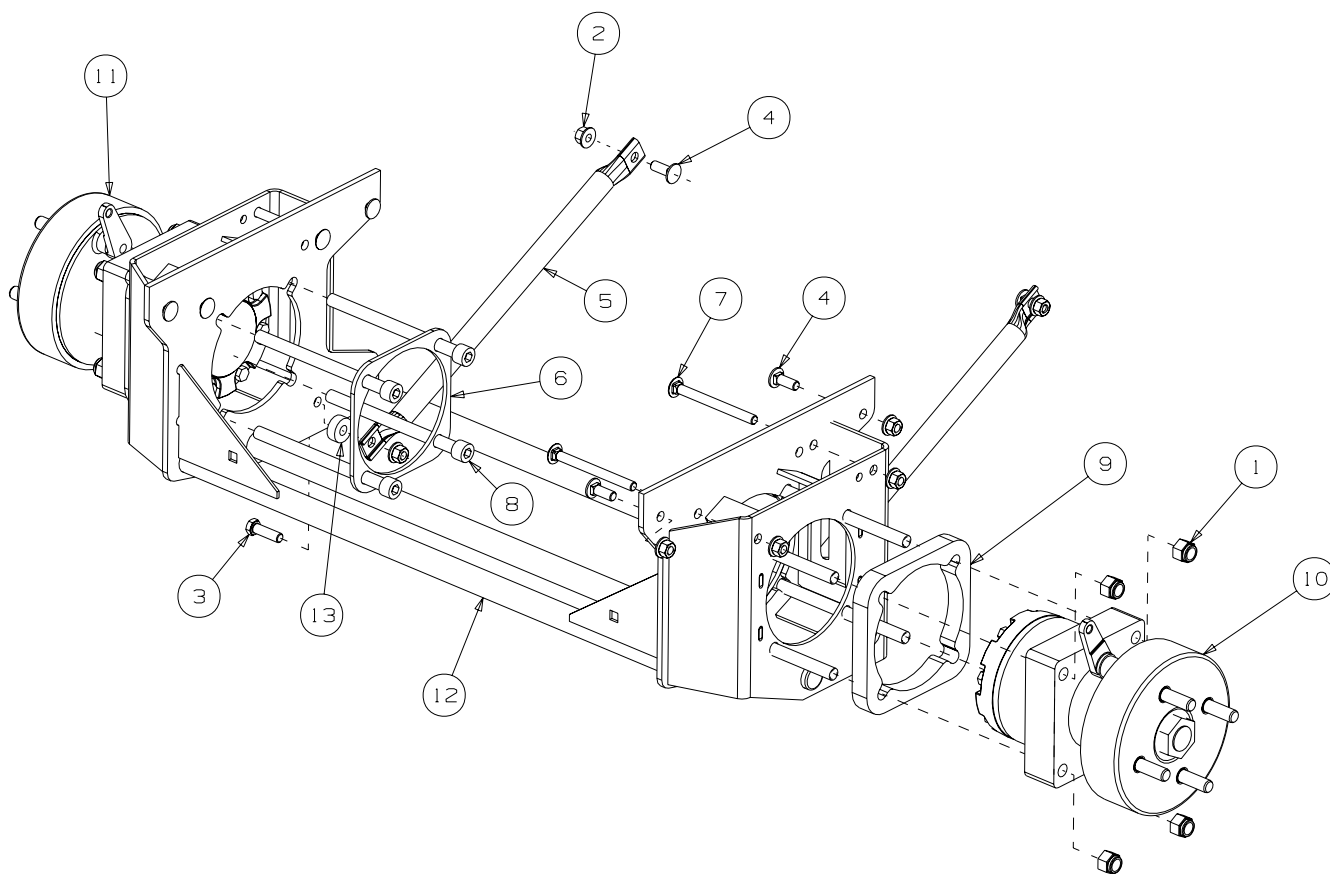
# Hydro Pump Assembly- Figure 2 and Parts List



GD: 856-000008-05/01/08

| Ref. No. | Part No. | Description                              | Qty. | Ref. No.                                      | Part No.  | Description                 | Qty. |
|----------|----------|------------------------------------------|------|-----------------------------------------------|-----------|-----------------------------|------|
| 1        | 00013116 | HHCS, 5/16-18 x 1-1/4                    | 4    | 21                                            | 02002392  | Hose Clamp, 1/2             | 4    |
| 2        | 710-3015 | Hex Cap Screw, 1/4-20, .75               | 1    | 22                                            | 02002701  | Hydraulic Tank Assembly     | 1    |
| 3        | 00030261 | Cap, Hydro Oil Tank                      | 1    | 23                                            | 02004242  | Hydro Pump                  | 1    |
| 4        | 01000635 | Nut, Lock, HexFlange, 5/16-18            | 4    | 24                                            | 02004254  | Adaptor Fitting, 8 x 10     | 2    |
| 5        | 01000864 | Self Tapping Screw, 1/4-20 x 0.375       | 2    | 25                                            | 02004256  | Long Pressure Hose Assembly | 2    |
| 6        | 01002766 | Hex Flange Lock Nut, 1/4-20              | 1    | 26                                            | 02004258  | Adaptor Fitting, 8 x 8      | 1    |
| 7        | 01003561 | Nut, Hex, Center Lock, M8                | 2    | 27                                            | 02004427  | Nut, M10 x 1.5, Left Hand   | 1    |
| 8        | 01004192 | Oil Pan Drain Plug w/ Seal               | 1    | 28                                            | 02004428  | Key                         | 1    |
| 9        | 01005851 | External Washer, 3/8                     | 1    | 29                                            | 02004922  | Adaptor Fitting, 8 x 8      | 1    |
| 10       | --       | Fuel Hose, .50 ID x .75 OD (in inches)   | 40.5 | 30                                            | 02004923  | Spacer Plate, Pump          | 2    |
| 11       | 02000296 | Grommet Fitting, .54 ID x .78 OD         | 1    | 31                                            | 02005143  | Hydro Pump Pulley           | 1    |
| 12       | 02000841 | Socket Low Head Cap Screw, 1/4-20 x 0.75 | 2    | 32                                            | 02005158  | Fan                         | 1    |
| 13       | 02001151 | Fitting Elbow Spur, 5/8 x 1/2            | 1    | 33                                            | 02005159  | E-Clip                      | 2    |
| 14       | 02001160 | Fitting Elbow, 9/16 x 1/2                | 1    | 34                                            | 02005160  | Fitting, 3/4 ORB x 1/2 Tube | 1    |
| 15       | 02001177 | Short Pressure Hose Assembly, 18.25      | 2    | 35                                            | 02005161  | Left Hand Fan Bracket       | 1    |
| 16       | 02001180 | Elbow Fitting, 3/4 x 1/2                 | 1    | 36                                            | 02005162  | Pump Cover                  | 1    |
| 17       | 02001715 | Adaptor Fitting, 8 x 10                  | 2    | 37                                            | 02005163  | Right Hand Fan Bracket      | 1    |
| 18       | 02001975 | Adaptor Fitting, 8 x 8                   | 1    | 38                                            | 02005166  | Plug Adaptor                | 1    |
| 19       | 02002003 | Adaptor, 8 x 8                           | 1    | 39                                            | 02005672  | Clamp, 2.00 x 3.50          | 1    |
| 20       | 02002257 | Hydraulic In-Tank Filter includes:       | 1    | 40                                            | 731-06522 | Plug, 3/4"                  | 2    |
|          | 02002258 | Replacement Filter                       | 1    | <b>NOTE:</b> Lubricant, 02002058 Quarts, 2.00 |           |                             |      |

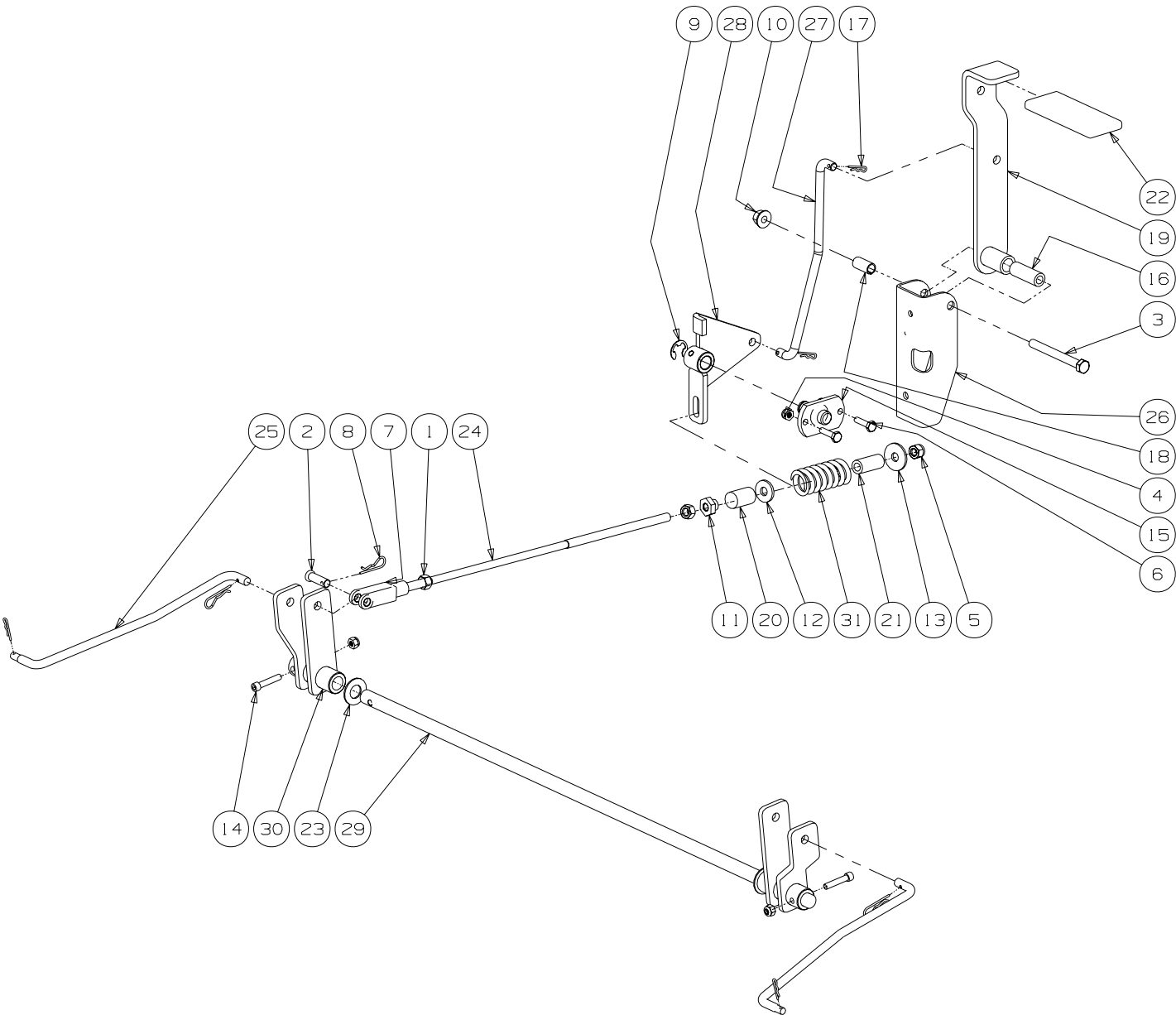
## Drive Assembly- Figure 3 and Parts List



GD: 856-000009-05/01/08

| Ref. No. | Part No. | Description                             | Qty. |
|----------|----------|-----------------------------------------|------|
| 1        | 712-3083 | Lock Nut, Nylon Insert, 1/2-13          | 8    |
| 2        | 00022560 | Flange Lock Hex Nut, 3/8-16             | 12   |
| 3        | 01000369 | Hex Cap Screw, 2/8 -16 x 1.25           | 2    |
| 4        | 01000643 | Carriage Bolt, 3/8-16 x 1               | 6    |
| 5        | 01002593 | Strut Frame                             | 2    |
| 6        | 01006948 | Hydro Wheel Motor Backup Plate          | 2    |
| 7        | 01008049 | Carriage Bolt, 3/8-16 x 4"              | 4    |
| 8        | 01008449 | Socket Head Capscrew, 1/2-13 x 6-1/2    | 8    |
| 9        | 01009775 | Hydro Motor Spacer                      | 2    |
| 10       | 02000391 | Hyd. Motor, White Left Hand (Not Shown) | 1    |
| 11       | 02000392 | Hyd. Motor, White Right Hand            | 1    |
| 12       | 02004648 | Hydro Motor Frame Assembly              | 1    |
| 13       | 00083192 | Spacer .406 ID x 1.0 OD                 | 2    |

# Brake Assembly - Figure 4



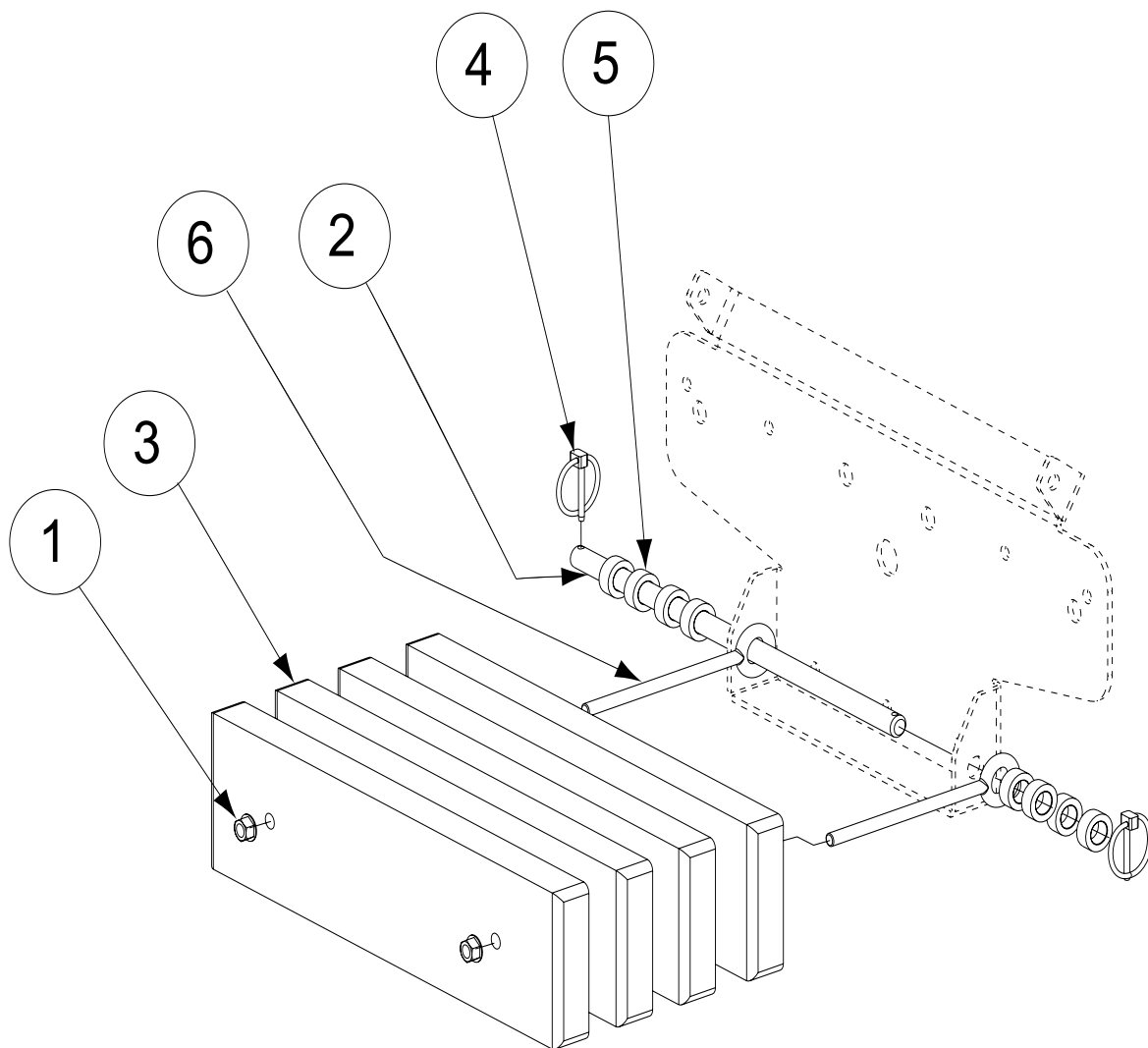
GD: 01008899-11/13/07

## Brake Assembly - Parts List for Figure 4

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| Ref. No. | Part No. | Description                          | Qty. |
|----------|----------|--------------------------------------|------|
| 1        | 00006131 | Hex Nut, 3/8-16                      | 2    |
| 2        | 00009678 | Clevis Pin, 3/8 x 1-1/8              | 1    |
| 3        | 00011888 | Hex Cap Screw, 3/8-16 x 3-1/2        | 1    |
| 4        | 00012152 | Lock Nut w/Nylon Insert              | 4    |
| 5        | 00012173 | Nylock Nut, 3/8-16                   | 1    |
| 6        | 00013416 | Hex Cap Screw, 1/4-20 x 1.00         | 2    |
| 7        | 00021955 | Yoke, 3/8-16                         | 1    |
| 8        | 00021956 | Hair Pin, 3/8" - 1/2"                | 3    |
| 9        | 00021962 | E-Ring, 5/8" #5113-62                | 1    |
| 10       | 00022560 | Flange Lock Hex Nut, 3/8-16          | 1    |
| 11       | 01000100 | Shoulder Nut                         | 1    |
| 12       | 01000723 | Flat Washer, .406 ID x 1.0 OD x .105 | 1    |
| 13       | 01000872 | Flat Washer, .411 x 1.25 x .100      | 1    |
| 14       | 01002540 | Socket Screw, 1/4-20 x 1.25          | 2    |
| 15       | 00021906 | Bellecrank Pivot, Weldment           | 1    |
| 16       | 01002751 | Spacer, .39ID x .63OD x 1.75LG       | 1    |
| 17       | 01002771 | Cotter Pin, .072 x 1.12 Lg           | 4    |
| 18       | 01002772 | Spacer, .375 ID x .50 x 1.02 Lg      | 1    |
| 19       | 01003595 | Brake Handle                         | 1    |
| 20       | 01003574 | Neutral Brake Spring                 | 1    |
| 21       | 01003576 | Center Brake Hose                    | 1    |
| 22       | 01003716 | Parking Brake Grip                   | 1    |
| 23       | 01004003 | Flat Washer, 5/8                     | 2    |
| 24       | 01006856 | Connector Rod, 3/8 OD x 16.88 Lg     | 1    |
| 25       | 01007771 | Rear Brake Linkage Rod               | 2    |
| 26       | 01008889 | Parking Brake Mounting Bracket       | 1    |
| 27       | 01008927 | Park Brake Handle Rod                | 1    |
| 28       | 01009188 | Park Brake Bellcrank                 | 1    |
| 29       | 01009185 | Park Brake Shaft                     | 1    |
| 30       | 01009187 | Rear Brake Arm Assmebly              | 2    |
| 31       | 02004076 | Force Brake Spring                   | 1    |

## Counter Weight Assembly - Figure 5 and Parts List

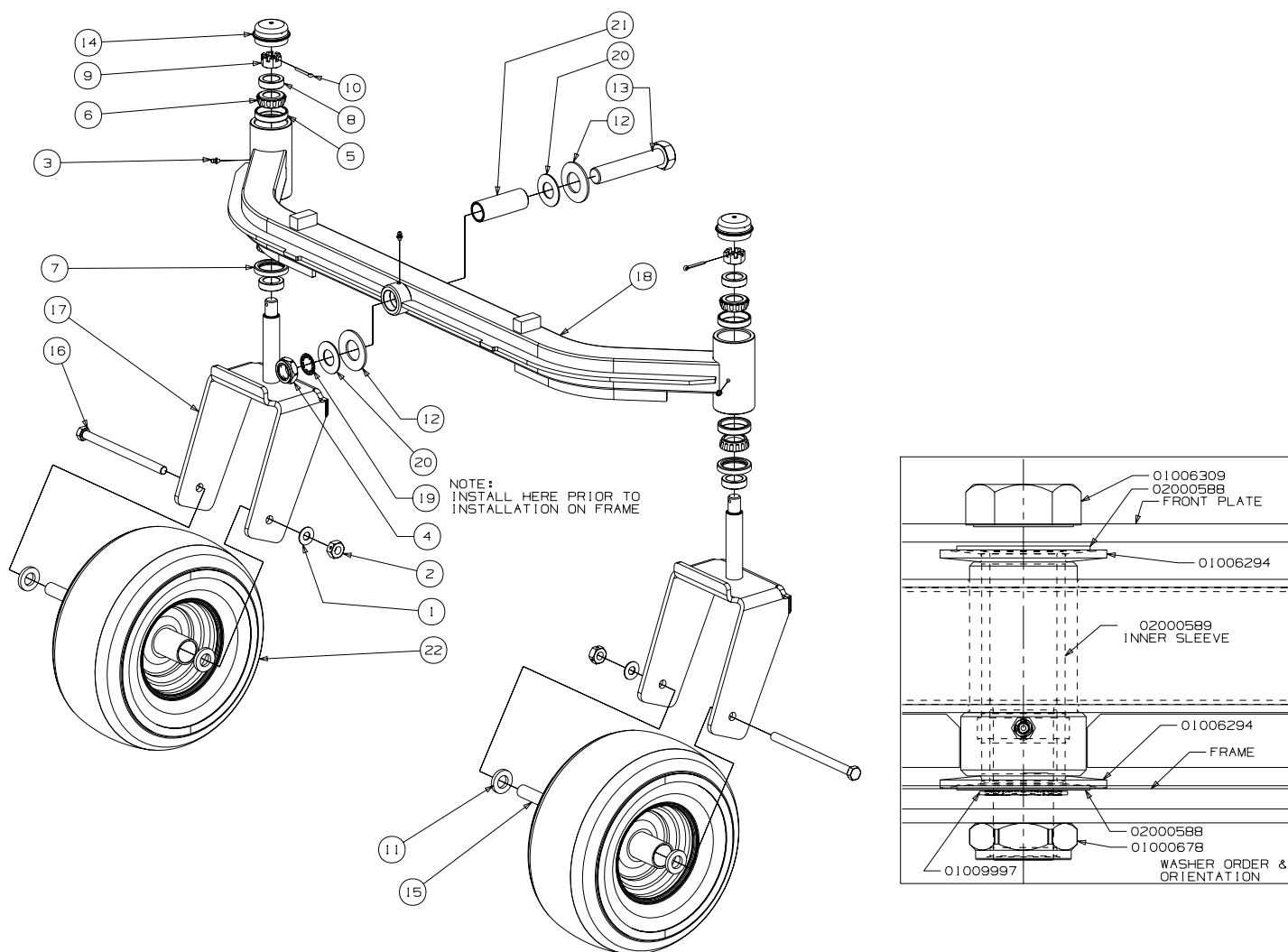


GD: 01009424-04/10/08

| Ref. No. | Part No. | Description                   | Qty. |
|----------|----------|-------------------------------|------|
| 1        | 00022560 | Flange Lock Hex Nut, 3/8-16   | 2    |
| 2        | 01002586 | Front Lift Link, Rod Mount    | 1    |
| 3        | 02002426 | Bar, Weight                   | 4    |
| 4        | 01003993 | Linch Pin, 3/16 Dia.          | 2    |
| 5        | 01007527 | Spacer, .630 x 1.06 x .440    | 8    |
| 6        | 01009419 | Eyebolt, 3/8-16, Forged Steel | 2    |



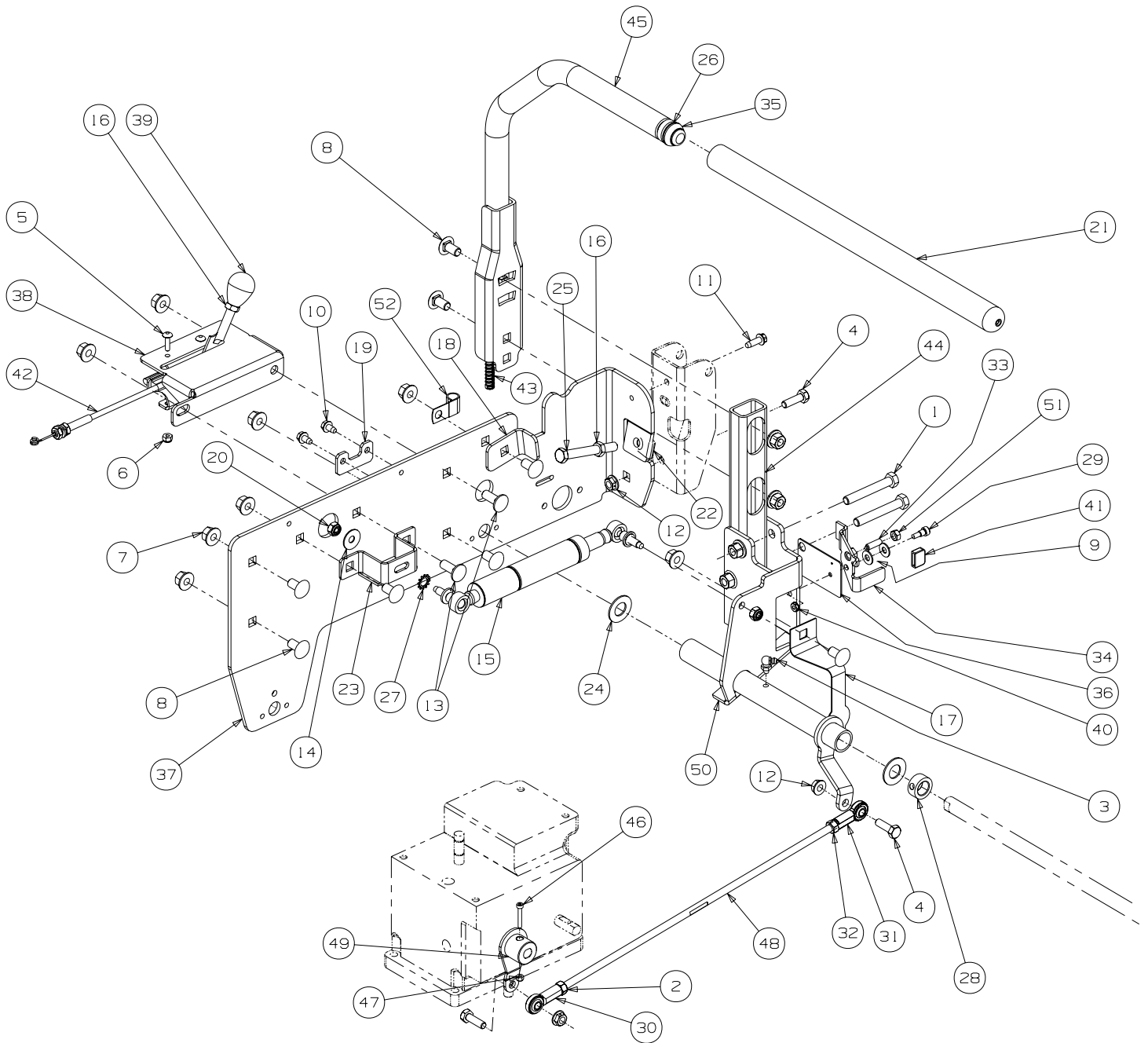
## Front Caster Assembly- Figure 6 and Parts List



GD: 02002925-10/04/06

| Ref.<br>No. | Part No. | Description                          | Qty. | Ref.<br>No. | Part No. | Description                             | Qty. |
|-------------|----------|--------------------------------------|------|-------------|----------|-----------------------------------------|------|
| 1           | 00012577 | Washer, 1/2 x 1 Shim                 | 2    | 14          | 01006347 | Grease Cap, 1.986 OD                    | 2    |
| 2           | 00023287 | Nut, 1/2-20, Center Lock             | 2    | 15          | 01006912 | Wheel Spacer                            | 2    |
| 3           | 00060078 | Grease Fitting                       | 3    | 16          | 01006961 | HHCS, 1/2-20, 7.50                      | 2    |
| 4           | 01000678 | Nut, Jam, 1.0-14, Insert Lock        | 1    | 17          | 01007407 | Yoke, Caster Wheel                      | 2    |
| 5           | 01002620 | Cup Bearing                          | 4    | 18          | 01007760 | Front Axle Assembly                     | 1    |
| 6           | 01002621 | Bearing Cone                         | 4    | 19          | 01009997 | Retainer Extension, Self Locking        | 1    |
| 7           | 01002622 | Seal                                 | 2    | 20          | 02000588 | Flat Washer, 1.00 ID x 2.00 OD x .075   | 2    |
| 8           | 01002624 | Ring Seal                            | 4    | 21          | 02000589 | Spacer, 1.005 ID x 1.25 OD x 3.6        | 1    |
| 9           | 01002626 | Slotted Nut, 3/4-16                  | 2    | 22          | 02002821 | Wheel, 13 x 6.50 x 6.0, Beige, includes | 2    |
| 10          | 01002627 | Cotter Pin, 5/32, 1.25               | 2    |             | 02002108 | Tire                                    | 1    |
| 11          | 01003123 | Spacer, .812 ID x .218LG             | 4    |             | 02002106 | Roller Bearings                         | 2    |
| 12          | 01006294 | Bell Washer, 1.25 ID x 2.5 OD x .180 | 2    |             | 02002107 | Retainer Bushings                       | 2    |
| 13          | 01006309 | Hex Cap Screw, 1-14 x 5.0            | 1    |             |          |                                         |      |

# Left Hand Control Assembly- Figure 7

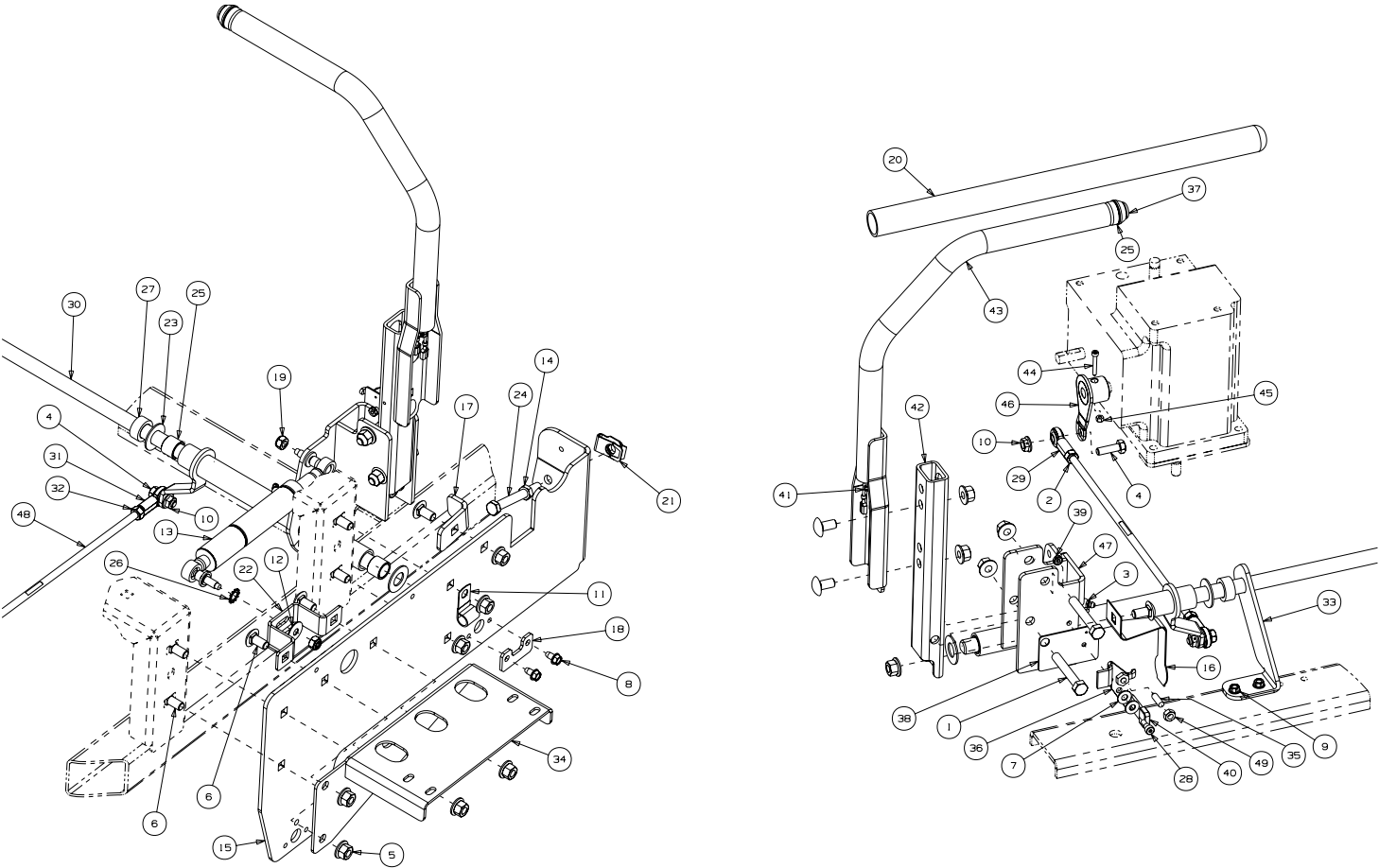


GD: 856-000005-05/01/08

## Left Hand Control Assembly - Parts List for Figure 7

| Ref. No. | Part No. | Description                               | Qty | Ref. No. | Part No.  | Description                           | Qty |
|----------|----------|-------------------------------------------|-----|----------|-----------|---------------------------------------|-----|
| 1        | 00011861 | HHCS, 3/8-16, 2.5                         | 2   | 28       | 01006350  | Shaft Collar                          | 1   |
| 2        | 00012167 | Hex Nut, 5/16-24                          | 1   | 29       | 01006997  | Shoulder Bolt, 1/4x1/4                | 1   |
| 3        | 00012226 | Grease Fitting, 90°, 1/4-28               | 1   | 30       | 01008410  | Rod End, 5/16, Right Hand             | 1   |
| 4        | 710-0376 | HHCS, 5/16-18 x 1.0                       | 3   | 31       | 01008551  | Rod End, 5/16, Left Hand              | 1   |
| 5        | 00014602 | Screw, Machine, 10-32 x 3/4               | 2   | 32       | 01008576  | Hex Nut, 5/16-24, Left Hand           | 1   |
| 6        | 00014608 | Nut, Lock, Nylon Insert, #10-32           | 2   | 33       | 01008930  | Plunger, 1/4-20 x 3/4                 | 1   |
| 7        | 00022560 | Nut, Hex, Flange Lock, 3/8-16             | 12  | 34       | 01008992  | Speed Control Adjuster Assembly, LH   | 1   |
| 8        | 01000372 | Carriage Bolt, 3/8-16 x .75 Lg.           | 8   | 35       | 01009189  | Lapbar Switch, On/Off                 | 1   |
| 9        | 01000600 | Flat Washer, 1/4"                         | 2   | 36       | 01009199  | Speed Control Detent Plate            | 1   |
| 10       | 01000628 | Screw, TT, 1/4-20, 0.5, Hex Index Washer  | 2   | 37       | 01009236  | Control Panel Mount, LH               | 1   |
| 11       | 01000629 | Screw, TT, 1/4-20, 0.75, Hex Index Washer | 1   | 38       | 01009283  | Deflector Control Mounting Plate      | 1   |
| 12       | 01000635 | Nut, Lock, HexFlange, 5/16-18             | 3   | 39       | 01009369  | Transmission Lever Knob               | 1   |
| 13       | 01000643 | Carriage Bolt, 3/8-16 x 1                 | 2   | 40       | 01009377  | Nut, 10-24, w/Star Washer             | 1   |
| 14       | 01000960 | Belle Washer, .325 x .930 x .045          | 1   | 41       | 01009482  | Grip, Speed Lever                     | 1   |
| 15       | 01007565 | Cylinder Return to Neutral Kit            | 1   | 42       | 01009987  | Remote Deflector Cable                | 1   |
| 16       | 01002511 | Nut, 3/8-16, Jam                          | 2   | 43       | 01009988  | Split Conduit, 1/4" Poly              | 1   |
| 17       | 01003011 | Lever, Safety Switch                      | 1   | 44       | 01010176  | Mounting Handle                       | 1   |
| 18       | 01003200 | Stop, LH                                  | 1   | 45       | 01010194  | Lapbar Switch Handle Assembly, LH     | 1   |
| 19       | 01003591 | Holder Shaft, Park Brake                  | 1   | 46       | 02004404  | Sockethead Capscrew,, M4 x 0.7 x 25mm | 1   |
| 20       | 01003561 | Nut, Hex, Center Lock, M8                 | 2   | 47       | 02004405  | Nut, M4 x 0.7mm, Nylock               | 1   |
| 21       | 01003715 | Grip, 1.0                                 | 1   | 48       | 02004449  | Control Rod, 5/16-24, RH/LH x 16.5    | 1   |
| 22       | 01003947 | U-Nut, 3/8-16, .75                        | 1   | 49       | 02004903  | Pump Mount Bracket                    | 1   |
| 23       | 01004000 | Bracket Assembly, Mount Dampener          | 1   | 50       | 641-00006 | Hub Assy, Control LH Bearing          | 1   |
| 24       | 01004003 | Flat Washer, 5/8 Nylon                    | 2   |          | 01004265  | Bearing                               | 2   |
| 25       | 01004127 | HHCS, 3/8-16, 3.00                        | 1   | 51       | 00013291  | Nut, 1/4-20, Hex                      | 1   |
| 26       | 01004340 | Lock Washer, Ignition Switch              | 1   | 52       | 01000728  | Heat Shield Clip                      | 1   |
| 27       | 01005851 | External Tooth Washer, 3/8                | 1   |          |           |                                       |     |

# Right Hand Control Assembly- Figure 8

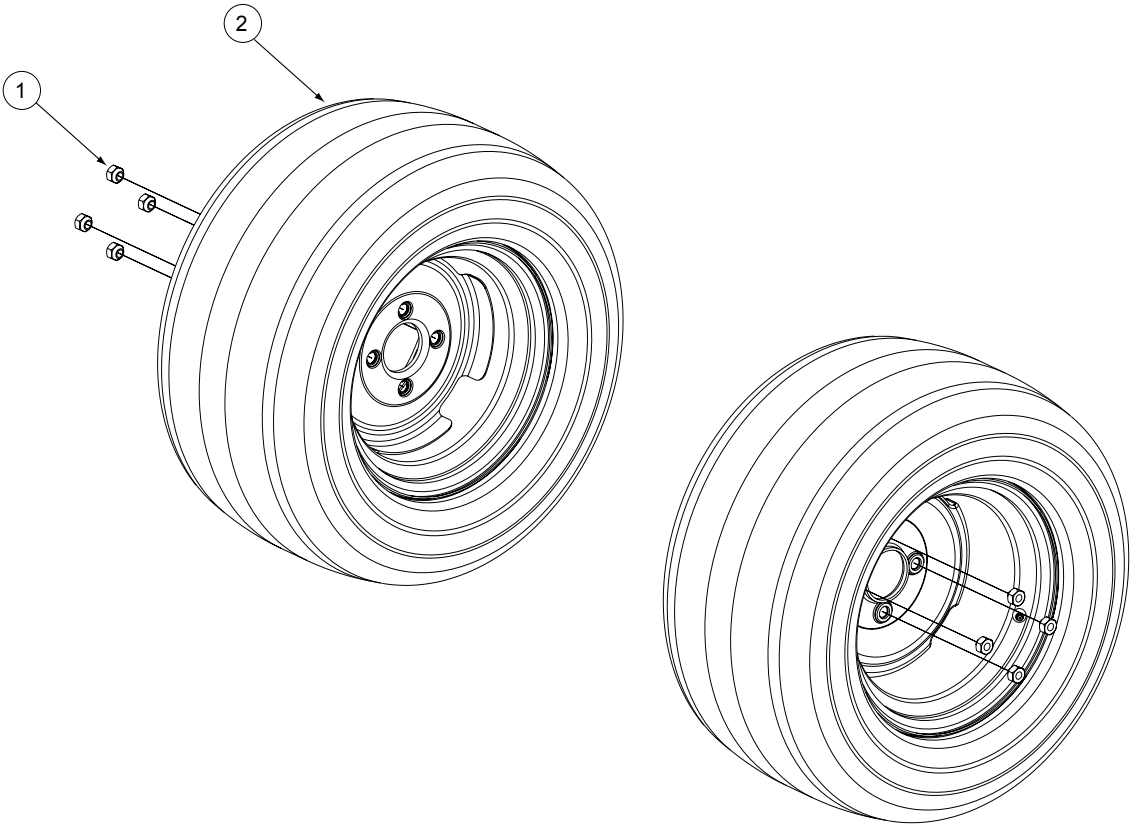


GD: 856-000004-05/01/08

## Right Hand Control Assembly - Parts List for Figure 8

| Ref. No. | Part No. | Description                               | Qty | Ref. No. | Part No.  | Description                           | Qty |
|----------|----------|-------------------------------------------|-----|----------|-----------|---------------------------------------|-----|
| 1        | 00011861 | HHCS, 3/8-16, 2.5                         | 2   | 26       | 01005851  | External Tooth Washer, 3/8            | 1   |
| 2        | 00012167 | Hex Nut, 5/16-24                          | 1   | 27       | 01006350  | Shaft Collar                          | 1   |
| 3        | 00012226 | Grease Fitting, 90°, 1/4-20               | 1   | 28       | 01006997  | Shoulder Bolt, 1/4x1/4                | 1   |
| 4        | 710-0376 | HHCS, 5/16-18 x 1.0                       | 2   | 29       | 01008410  | Rod End, 5/16, Right Hand             | 1   |
| 5        | 00022560 | Hex Nut, 3/8-16, Lock Flange              | 13  | 30       | 01008524  | Shaft Mounting Belle Crank            | 1   |
| 6        | 01000372 | Carriage Bolt, 3/8-16 x .75 Lg.           | 11  | 31       | 01008551  | Rod End, 5/16, Left Hand              | 1   |
| 7        | 01000600 | Flat Washer, 1/4"                         | 2   | 32       | 01008576  | Hex Nut, 5/16-24, Left Hand           | 1   |
| 8        | 01000628 | Screw, TT, 1/4-20, 0.5, Hex Index Washer  | 2   | 33       | 01008844  | Lapbar Shaft Support                  | 1   |
| 9        | 01000629 | Screw, TT, 1/4-20, 0.75, Hex Index Washer | 2   | 34       | 01008897  | Valve Control Mounting Plate          | 1   |
| 10       | 01000635 | Nut, Lock, HexFlange, 5/16-18             | 2   | 35       | 01008930  | Plunger, 1/4-20 x 3/4                 | 1   |
| 11       | 01000728 | Clip, Heat Shield                         | 1   | 36       | 01008993  | Speed Control Adjuster Assembly, RH   | 1   |
| 12       | 01000960 | Belle Washer, .325 x .930 x .045          | 1   | 37       | 01009189  | Lapbar Switch, On/Off                 | 1   |
| 13       | 01007565 | Cylinder Return to Neutral Kit            | 1   | 38       | 01009199  | Speed Control Detent Plate            | 1   |
| 14       | 01002511 | Nut, 3/8-16, Jam                          | 1   | 39       | 01009377  | Nut, 10-24, w/Star Washer             | 1   |
| 15       | 01003005 | Control Panel Mount, RH                   | 1   | 40       | 01009482  | Grip, Speed Lever                     | 1   |
| 16       | 01003011 | Lever, Safety Switch                      | 1   | 41       | 01009988  | Split Conduit, 1/4 Poly               | 1   |
| 17       | 01003199 | Stop, RH                                  | 1   | 42       | 01010176  | Mounting Handle                       | 1   |
| 18       | 01003591 | Holder Shaft, Park Brake                  | 1   | 43       | 01010194  | Lapbar Handle Weldment, RH            | 1   |
| 19       | 01003561 | Nut, Hex, Center Lock, M8                 | 2   | 44       | 02004404  | Sockethead Capscrew,, M4 x 0.7 x 25mm | 1   |
| 20       | 01003715 | Grip, 1.0                                 | 1   | 45       | 02004405  | Nut, M4 x 0.7mm, Nylock               | 1   |
| 21       | 01003947 | U-Nut, 3/8-16, .75                        | 1   | 46       | 02004903  | Pump Mount Bracket                    | 1   |
| 22       | 01004000 | Bracket Assembly, Mount Dampener          | 1   | 47       | 641-00005 | Hub Assy, Control RH Bearing          | 1   |
| 23       | 01004003 | Flat Washer, 5/8 Nylon                    | 2   |          | 01004265  | Bearing                               | 2   |
| 24       | 01004127 | HHCS, 3/8-16, 3.00                        | 1   | 48       | 747-04965 | Control Rod, 5/16-24, RH/LH x 13.5    | 1   |
| 25       | 01004340 | Lock Washer, Ignition Switch              | 1   | 49       | 00013291  | Nut, 1/4-20, Hex                      | 1   |

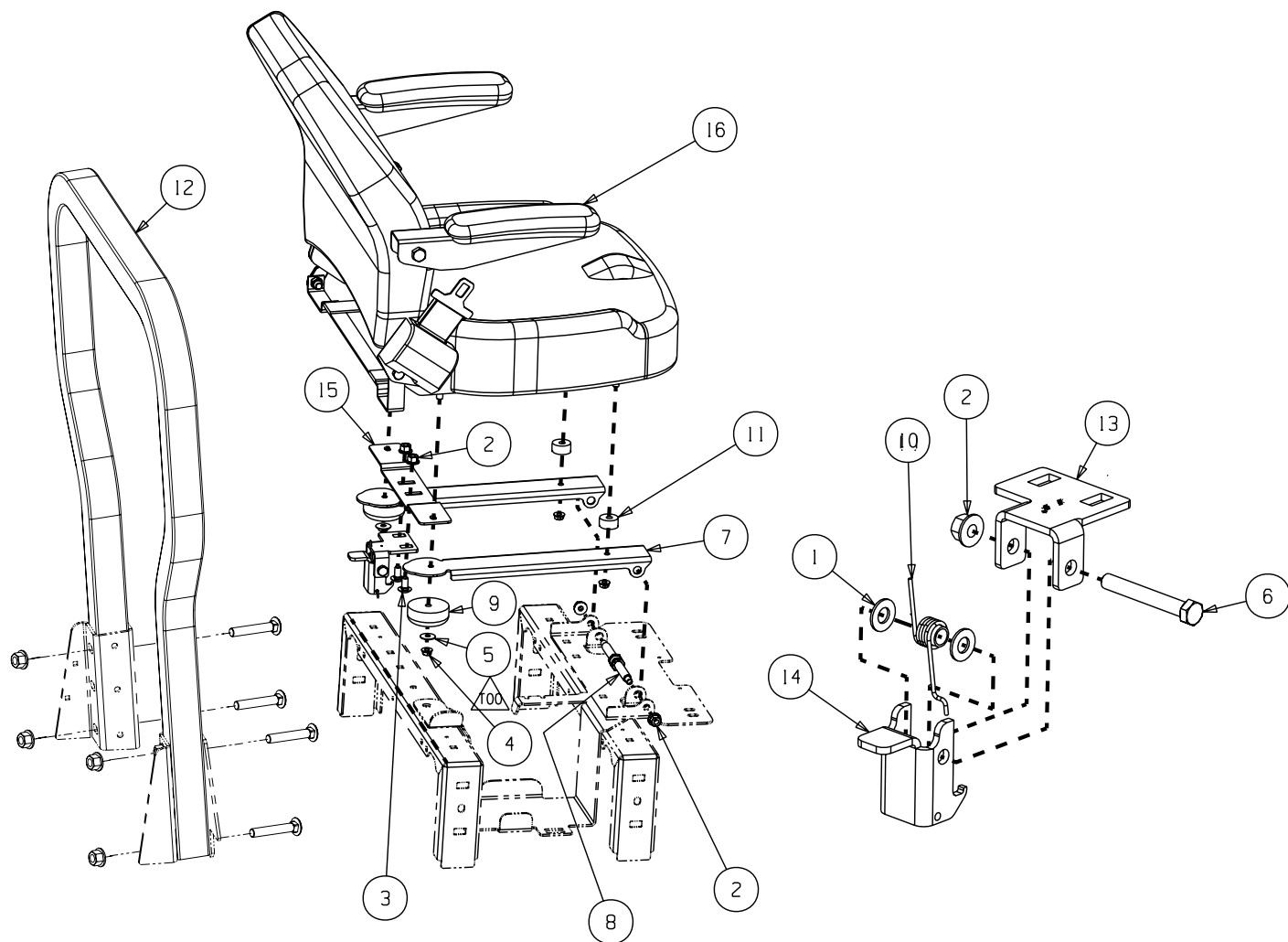
# Rear Drive Wheel Assembly - Figure 9 and Parts List



GD: 02002669-10/04/06

| Ref. No.       | Part No. | Description                                    | Qty. |
|----------------|----------|------------------------------------------------|------|
| 1              | 00012187 | Nut, Lug, 1/2-20                               | 8    |
| 2              | 02002668 | Wheel Assembly, 24 x 12.00-12, Beige Includes: | 2    |
|                | 00073975 | Tire, 24 x 12.00-12, Turf Master               |      |
|                |          | Rim, 12 Dia x 8.50 width                       |      |
| OPTIONAL TIRES |          |                                                |      |
|                | 01002182 | Wheel Assembly, 24 x 12.00-12, Turf Saver      |      |
|                | 01004473 | Tire, 24 x 12.00-12, Turf Saver                |      |

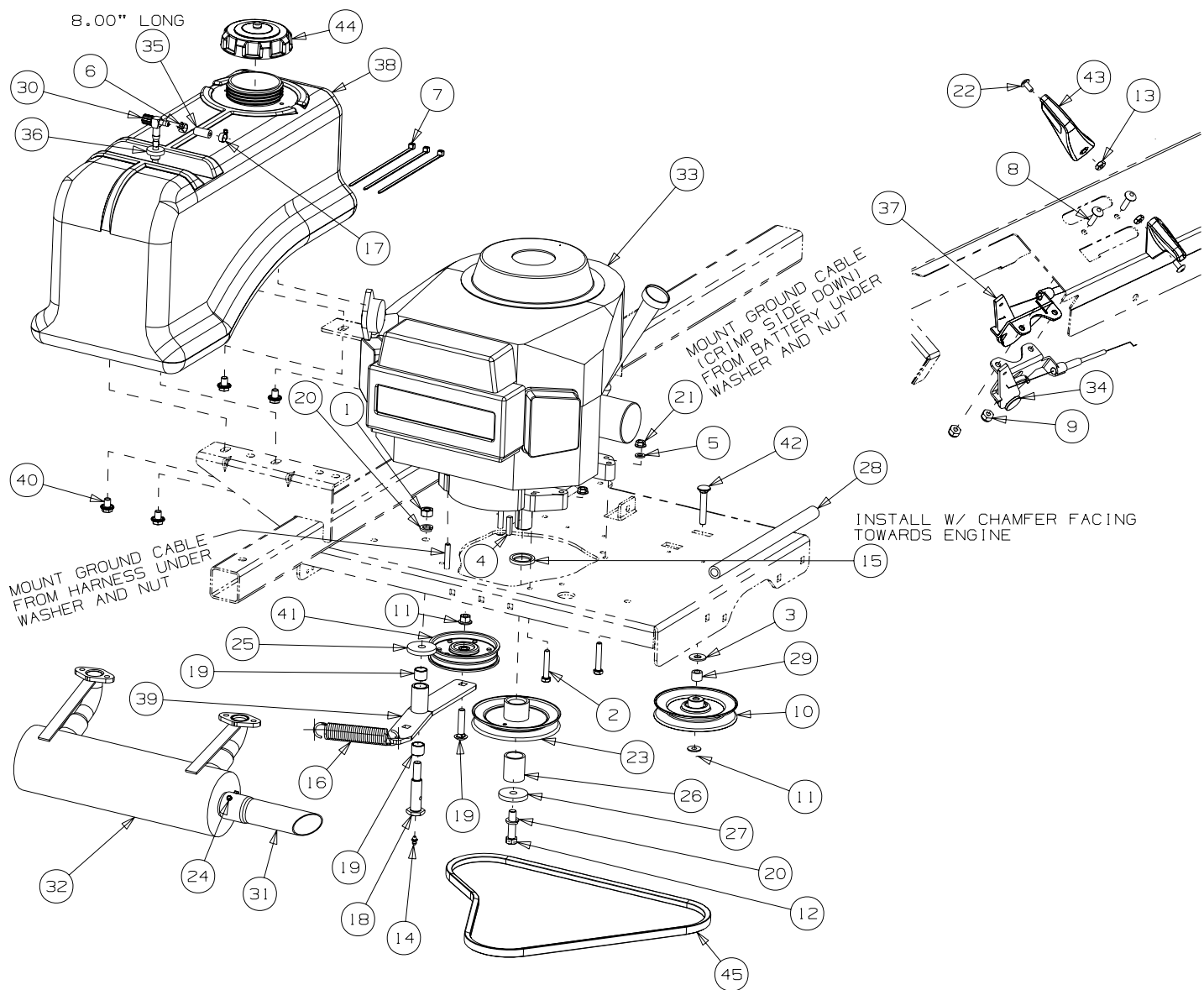
## Seat Assembly- Figure 10 and Parts List



GD: 856-000012-05/01/08

| Ref. No. | Part No.  | Description                       | Qty. |
|----------|-----------|-----------------------------------|------|
| 1        | 00005530  | Flat Washer, 3/8 Nylon            | 2    |
| 2        | 00022560  | Nut, Hex 3/8-16 Flange Lock       | 5    |
| 3        | 01000372  | Carriage Bolt, 3/8-16 x .75       | 2    |
| 4        | 01000635  | Nut, Hex 5/16-18 Flange Lock      | 4    |
| 5        | 01000960  | Washer, .325 x .930 x .045        | 2    |
| 6        | 01001371  | Hex Cap Screw 3/8-16 x 2.75       | 1    |
| 7        | 01002633  | Mounting Bracket, Seat            | 2    |
| 8        | 01002634  | Shoulder Screw, .50x2.345, 3/8-16 | 2    |
| 9        | 01002753  | Grommet, 2.5 OD x 1.0 Long        | 2    |
| 10       | 01008140  | Deck Lift Spring, Left Hand       | 1    |
| 11       | 750-3119  | Spacer, .406 ID x 1.00 OD x .38   | 2    |
| 12       | 02004906  | Rops Assembly includes:           | 1    |
| 13       | 02005147  | Seat Latch Bracket                | 1    |
| 14       | 02005148  | Seat Latch                        | 1    |
| 15       | 703-06722 | Seat Latch Bracket                | 1    |
| 16       | 757-04080 | Seat                              | 1    |

# 17HP Kawasaki Engine Assembly - Figure 11



| Description | Part Number   |
|-------------|---------------|
| Air Filter  | KM-11013-7031 |
| Pre-cleaner | KM-11013-7025 |
| Oil Filter  | KM-49065-2078 |
| Fuel Filter | KM-49019-7001 |
| Spark Plug  | KM-92070-7003 |

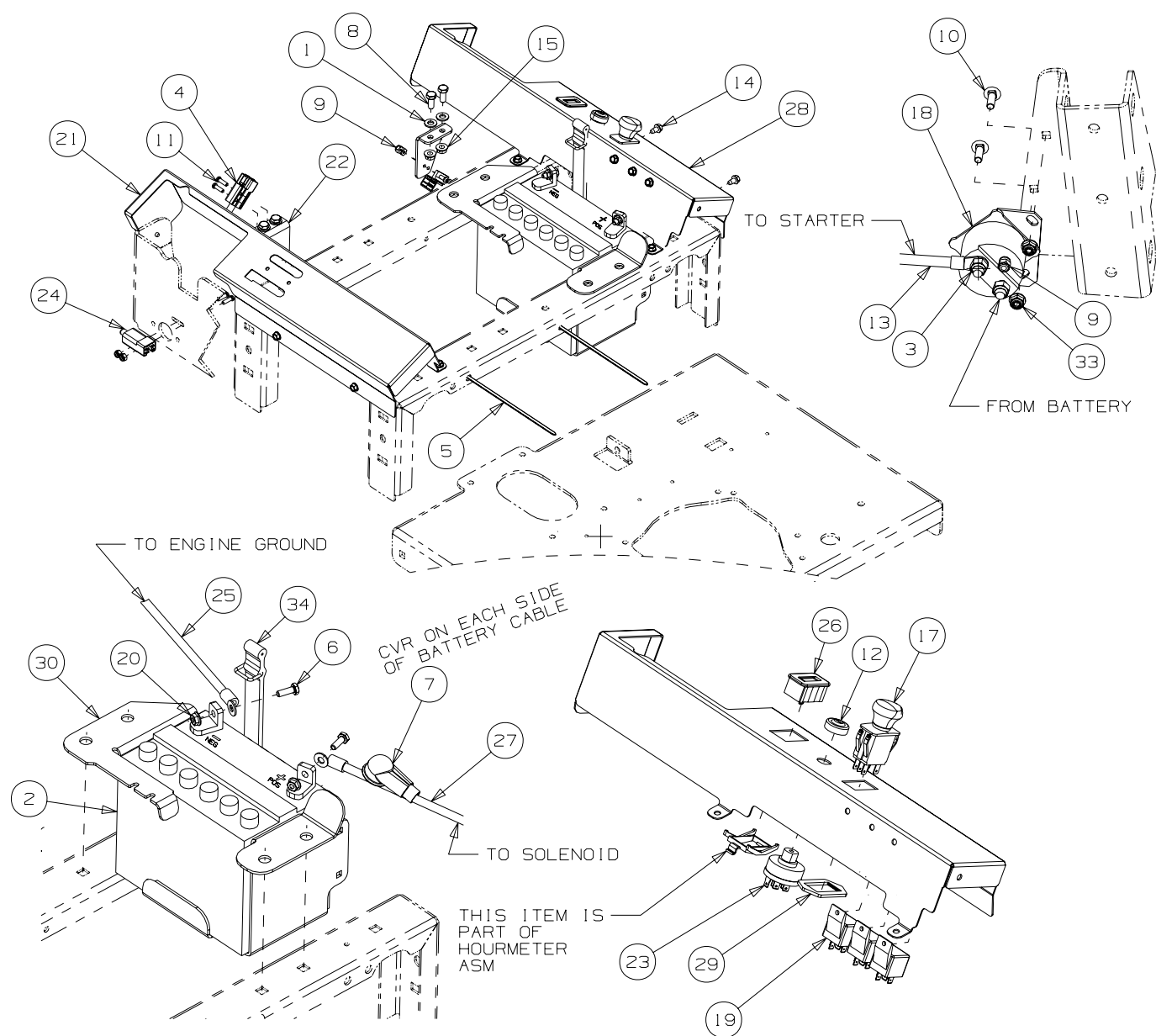
GD: 856-000002-05/01/08



## 17HP Kawasaki Engine Assembly - Parts List for Figure 11

| Ref. No. | Part No.  | Description                         | Qty. |
|----------|-----------|-------------------------------------|------|
| 1        | 00005763  | Nut Hex, 7/16-14                    | 1    |
| 2        | 00006129  | HHCS, 5/16-18, 1-3/4                | 4    |
| 3        | 00006168  | Flat Washer, 3/8                    | 1    |
| 4        | 00010022  | Key, 1/4 x 1/4 x 1.125              | 1    |
| 5        | 00012169  | Flat Washer, 5/16                   | 1    |
| 6        | 00012235  | Clamp, Union                        | 1    |
| 7        | 00012470  | Cable Tie                           | 3    |
| 8        | 00014602  | Screw, Machine, 10-32 x 3/4         | 2    |
| 9        | 00014608  | Nut, Lock, Nylon Insert, #10-32     | 2    |
| 10       | 00021975  | Idler Pulley                        | 1    |
| 11       | 00022560  | Nut, Hex, Flange Lock, 3/8-16       | 2    |
| 12       | 00035193  | Capscrew, 7/16-20 x 1.75            | 1    |
| 13       | 00060056  | Nut, Washer, With Star, 8-32        | 2    |
| 14       | 00060078  | Fitting, Grease, 1/4-28 x 3/16      | 1    |
| 15       | 00073094  | Spacer, Engine Pulley               | 1    |
| 16       | 01000199  | Spring, Extension, 1.0 OD x 5.0"    | 1    |
| 17       | 01000215  | Hose Clamp, SAE #4: 1/4-5/8, SS     | 1    |
| 18       | 01000302  | Shoulder Screw, 7/16-14             | 1    |
| 19       | 01000364  | Bolt, Carriage, 3/8-16 x 1.75       | 1    |
| 20       | 01000389  | Washer, Lock, 7/16                  | 2    |
| 21       | 01000635  | Nut Lock, Hex Flange 5/16-18        | 4    |
| 22       | 01000721  | Machine Screw, 8-32, .375           | 2    |
| 23       | 01000737  | Pulley, Transmission Drive          | 1    |
| 24       | 01000811  | Screw, 8-32 x 0.375                 | 2    |
| 25       | 01003269  | Washer, Flat, 7/16 ID x 1.75 OD     | 1    |
| 26       | 01003720  | Spacer, 1.015 ID x 1.25 OD x 1.50   | 1    |
| 27       | 01005314  | Flat Washer, 7/16 ID x 1.75 OD      | 1    |
| 28       | 01006223  | Oil Drain Extension Hose            | 1    |
| 29       | 01007312  | Spacer, .625 OD x .385 ID x 1/2     | 1    |
| 30       | 01007425  | Fuel Fitting                        | 1    |
| 31       | 01008623  | Tube, Exhaust Selxsys Muffler       | 1    |
| 32       | 01009233  | Muffler Accessory Kawasaki          | 1    |
| 33       | 01009355  | Engine, 17HP Kawasaki               | 1    |
| 34       | 02000645  | Cable, Control 39.0 Throttle        | 1    |
| 35       | --        | Hose, 1/4" Fuel Line                | 1    |
| 36       | 02002253  | Fuel Tank Grommet                   | 1    |
| 37       | 02003422  | Choke Control Cable,                | 1    |
| 38       | 02003842  | Fuel Tank                           | 1    |
| 39       | 02004075  | Engine Idler Arm Assembly Includes: | 1    |
|          | 01000308  | Bearing                             | 2    |
| 40       | 02005013  | HHCS, 3/8-16 x .500, Flange Whiz    | 4    |
| 41       | 02005077  | Flat Pulley with Flanges            | 1    |
| 42       | 02005526  | Carriage Bolt, 3/8-16 x 2.25        | 1    |
| 43       | 731-04914 | Knob, Throttle Control              | 2    |
| 44       | 751-3124D | Fuel Cap, 3.5                       | 1    |
| 45       | 754-04212 | Belt, Pump Drive                    | 1    |

# Electrical Assembly Kawasaki - Figure 12



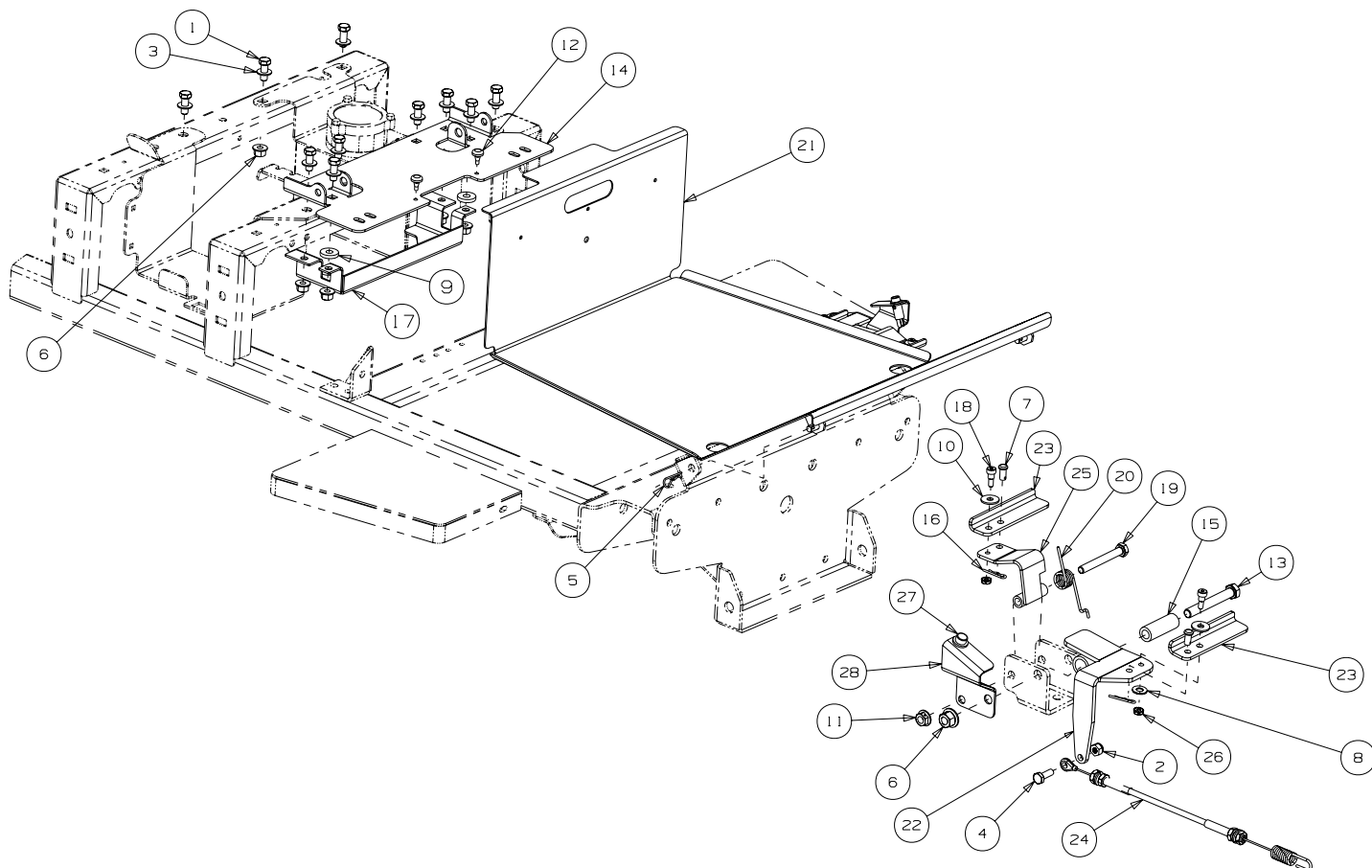
GD: 856-000003-05/01/08

## Electrical Assembly Kawasaki - Parts List for Figure 12

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| Ref.<br>No. | Part No.  | Description                                | Qty. |
|-------------|-----------|--------------------------------------------|------|
| 1           | 00009812  | Flat Washer, 5/16                          | 4    |
| 2           | 00012032  | Battery, 12V 225CCA 30 Min                 | 1    |
| 3           | 712-0429  | Nylock Nut, 5/16-18                        | 2    |
| 4           | 00012242  | Switch, Safety                             | 2    |
| 5           | 00012470  | Tie, Cable, 3/16 x .05 x 7.4"              | 3    |
| 6           | 710-3015  | Screw, Hex, Cap, 1/4-20 x .75              | 2    |
| 7           | 00013258  | Boot, 1" OD Rubber Battery-PST, Red        | 2    |
| 8           | 710-3008  | Hex Cap Screw, 5/16-18 x 3/4               | 4    |
| 9           | 00014608  | Nut, Lock, Nylon Insert, #10-32            | 7    |
| 10          | 00017584  | Carriage Bolt, 1/4-20 x .750               | 2    |
| 11          | 00030906  | Screw, Phillips Head, Machine, 10-32 x 5/8 | 6    |
| 12          | 00032097  | Nut, W/Cap, 5/8-32 Ignition                | 1    |
| 13          | 01002253  | Cable, Battery, Red, 5"                    | 1    |
| 14          | 01000628  | Self Tapping Screw, 1/4-20 x 1/2           | 13   |
| 15          | 01000635  | Hexflange Lock Nut, 5/16-18                | 4    |
| 16          | 01001811  | Hourmeter, Harness (not shown)             | 1    |
| 17          | 01002111  | Switch, Electric, PTO                      | 1    |
| 18          | 01002228  | Solenoid Magnetic Switch                   | 1    |
| 19          | 01002251  | Relay, 12V 40A                             | 3    |
| 20          | 01002766  | Hex Flange Lock Nut, 1/4-20                | 2    |
| 21          | 01003099  | Control Panel, LH                          | 1    |
| 22          | 01003114  | Switch Mounting Bracket, Lapbar            | 2    |
| 23          | 01003581  | Switch, Ignition, 6 Pin                    | 1    |
| 24          | 01003712  | Switch, Plunger                            | 1    |
| 25          | 01004078  | Cable, Battery Black, 28"                  | 1    |
| 26          | 01005389  | Meter, Hour includes:                      | 1    |
|             | 02004259  | Clip                                       | 1    |
| 27          | 00012289  | Cable, Battery Red, 36"                    | 1    |
| 28          | 01006343  | Control Panel, RH                          | 1    |
| 29          | 01009905  | Bracket, PTO Switch Retainer               | 1    |
| 30          | 02000897  | Mount Bracket, Battery                     | 1    |
| 31          | 629-04168 | Harness Adaptor (not shown)                | 1    |
| 32          | 629-04167 | Harness Assembly (not shown)               | 1    |
| 33          | 712-04064 | Lock Nut, Nylon Insert, 1/4-20             | 2    |
| 34          | 723-3064  | Strap, Battery                             | 1    |

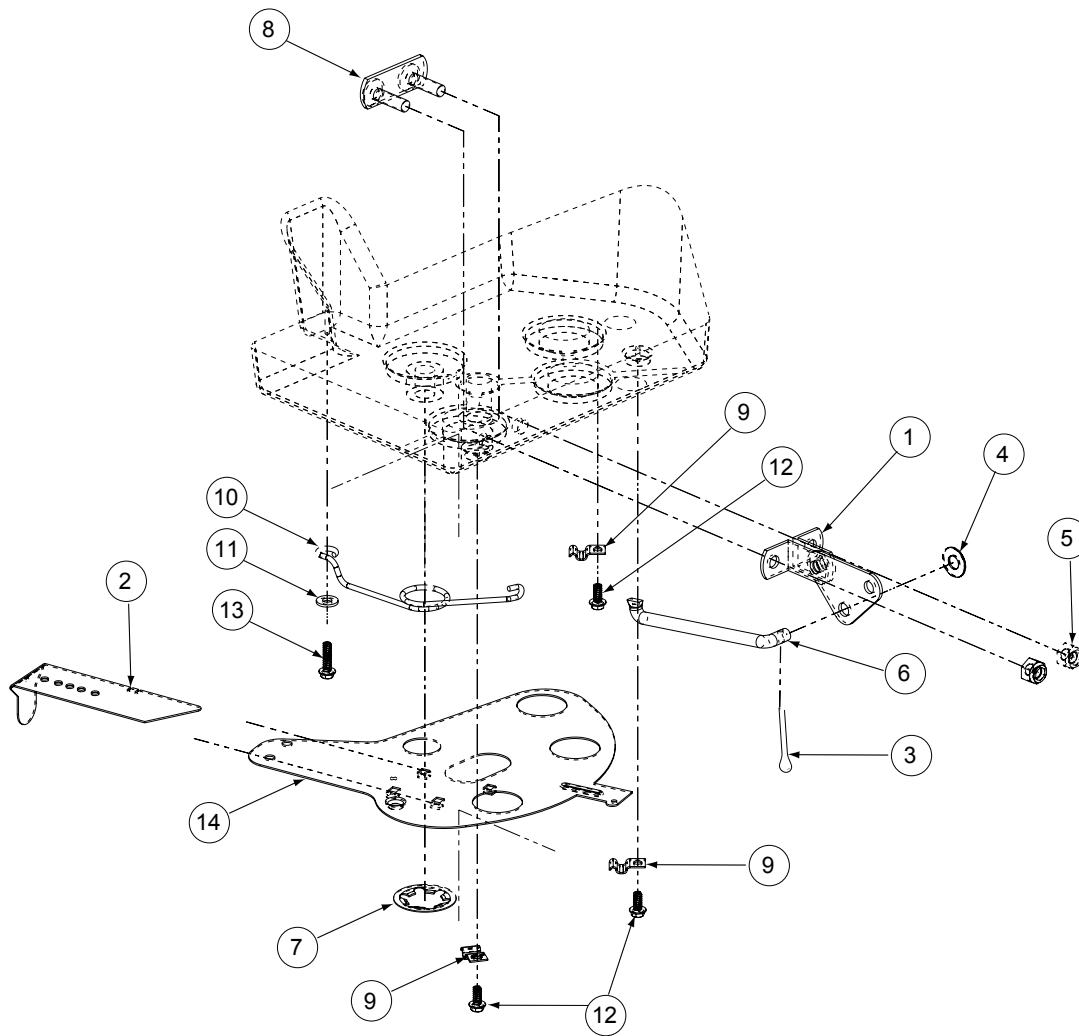
## Floor Panel Assembly- Figure 13 and Parts List



GD: 856-000006-05/01/08

| Ref. No. | Part No. | Description                       | Qty. | Ref. No. | Part No. | Description                     | Qty. |
|----------|----------|-----------------------------------|------|----------|----------|---------------------------------|------|
| 1        | 710-0514 | Hex Cap Screw, 3/8-16 x 1.00      | 10   | 15       | 01002751 | Spacer, .39ID x .63OD x 1.75LG  | 1    |
| 2        | 00012152 | Lock Nut w/Nylon Insert           | 1    | 16       | 01002771 | Cotter Pin, .072 x 1.12 Lg      | 2    |
| 3        | 00012158 | Flat Washer, 3/8                  | 10   | 17       | 01004727 | Support, Seat Bracket           | 1    |
| 4        | 710-3015 | Hex Cap Screw, 1/4-20, .75        | 1    | 18       | 01006997 | Shoulder Bolt, 1/4x1/4          | 2    |
| 5        | 00021956 | Hair Pin, 3/8" - 1/2"             | 2    | 19       | 710-0378 | Hex Cap Screw, 5/16-18 x 2.5    | 1    |
| 6        | 00022560 | Nut, Hex, Flange Lock, 3/8-16     | 11   | 20       | 01008140 | Deck Lift Spring, Left Hand     | 1    |
| 7        | 00060031 | Clevis Pin, 1/4 x 1/2, SS         | 2    | 21       | 01008918 | Floor Plate Assembly            | 1    |
| 8        | 00060033 | Washer, 1/4, SS                   | 2    | 22       | 01009191 | Foot Pedal Latch Lever Assembly | 1    |
| 9        | 00083192 | Washer                            | 2    | 23       | 01009193 | Rate Plate Pad                  | 2    |
| 10       | 736-0270 | Bell Washer, .265 x .75 x .062    | 2    | 24       | 01009194 | Rate Plate On/Off Cable         | 1    |
| 11       | 01000635 | Nut Lock, Hex Flange 5/16-18      | 1    | 25       | 01009198 | Foot Pedal Latch Assembly       | 1    |
| 12       | 01001170 | Rubber Bumper, .62 OD x .22 Thick | 2    | 26       | 01009377 | Nut, w/ Star Washer, 10-24      | 2    |
| 13       | 01001371 | Hex Cap Screw, 3/8-16 x 2.75      | 1    | 27       | 01009816 | Light Indicator                 | 1    |
| 14       | 01002656 | Panel Seat                        | 1    | 28       | 01009924 | Light Indicator Bracket         | 1    |

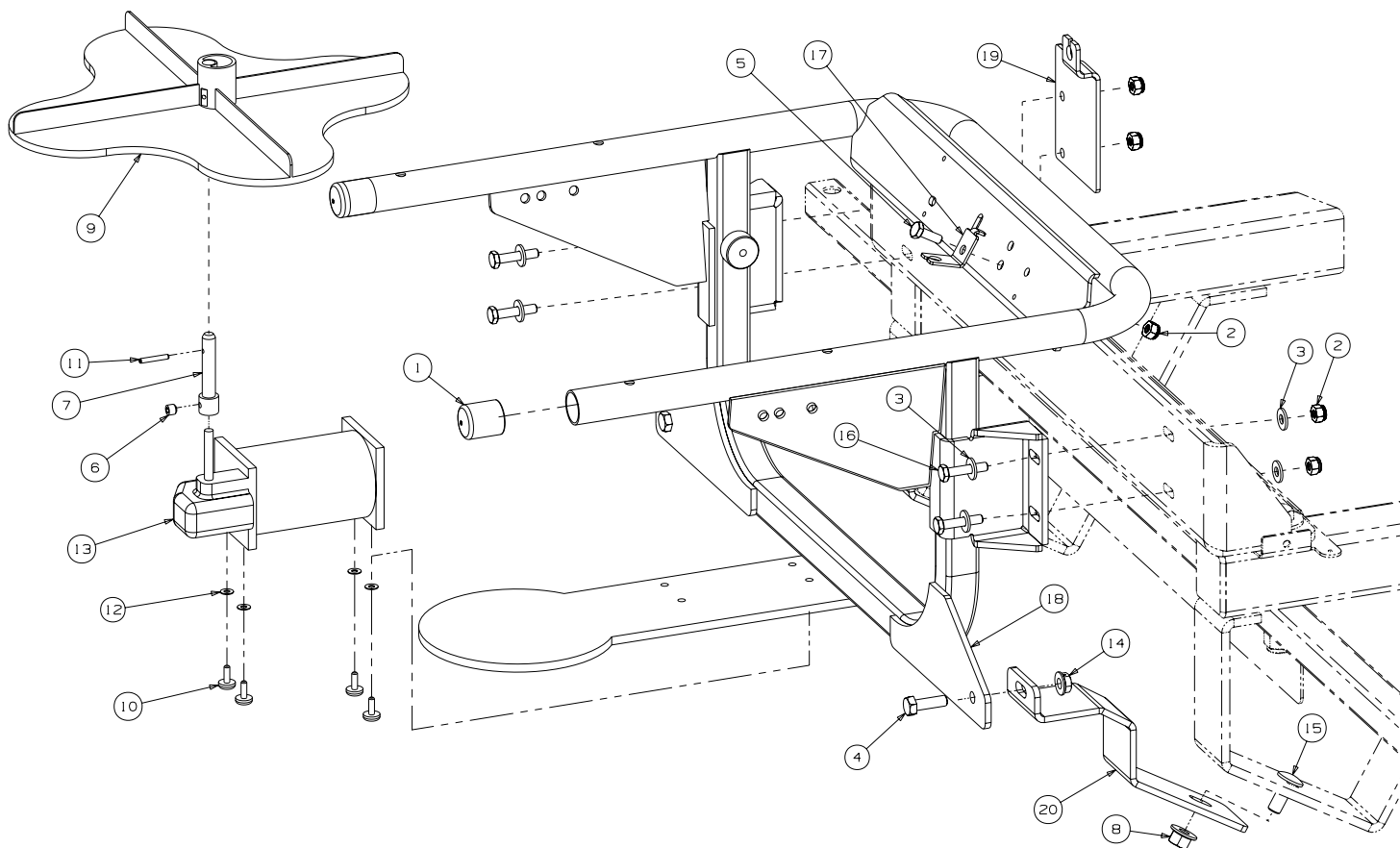
## Shut-Off Assembly- Figure 14 and Parts List



GD: 01006101-02/24/04

| Ref. No. | Part No. | Description                   | Qty. | Ref. No. | Part No. | Description                     | Qty. |
|----------|----------|-------------------------------|------|----------|----------|---------------------------------|------|
| 1        | 00017288 | Pivot Lever Assembly          | 1    | 8        | 01004539 | Two Hole Weldment Plate         | 1    |
| 2        | 00020492 | Slide Lever                   | 1    | 9        | 01004955 | Plate Shut-off Clip             | 3    |
| 3        | 01009945 | Cotter Pin, 3/32 x 1/2 Lg, SS | 1    | 10       | 01004956 | Plate Shut-off Spring           | 1    |
| 4        | 00060033 | Flat Washer, 1/4"             | 1    | 11       | 01005630 | Flat Washer                     | 1    |
| 5        | 00060036 | Nylock Nut, 1/4-20            | 2    | 12       | 01005631 | Index Washer Hex Screw, 8 x 3/8 | 3    |
| 6        | 00060061 | Pivot Lever Rod               | 1    | 13       | 01005632 | Index Washer Hex Screw, 8 x 5/8 | 1    |
| 7        | 01004186 | Spring Clip                   | 1    | 14       | 01006825 | Shut-off Plate                  | 1    |

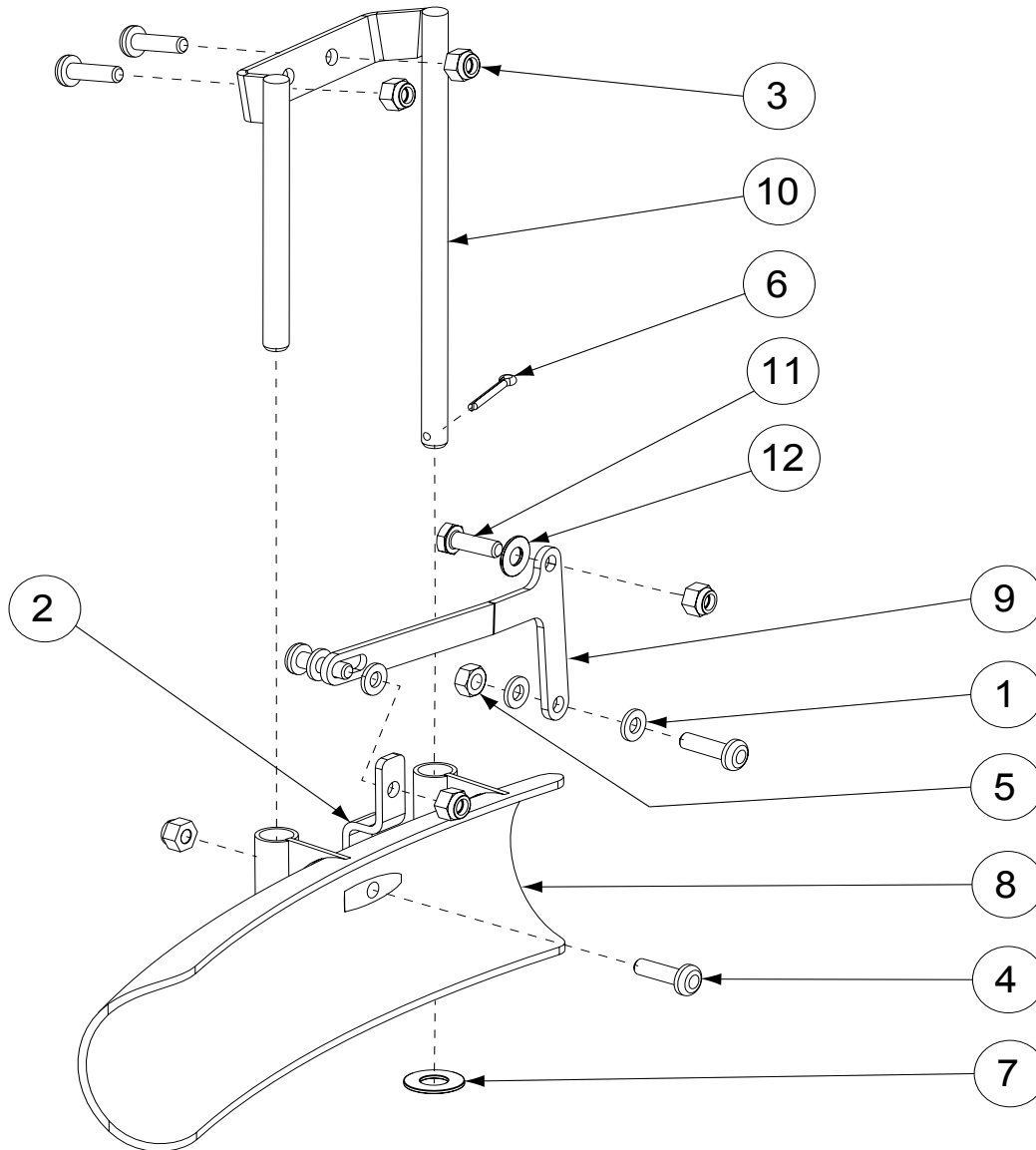
## Spreader Frame Assembly- Figure 15 and Parts List



GD: 01008828-03/31/08

| Ref. No. | Part No. | Description                    | Qty. | Ref. No. | Part No. | Description                       | Qty. |
|----------|----------|--------------------------------|------|----------|----------|-----------------------------------|------|
| 1        | 00011832 | End Cap                        | 2    | 11       | 00060069 | Roll Pin                          | 1    |
| 2        | 00012152 | Lock Nut, Nylon Insert, 1/4-20 | 5    | 12       | 00060083 | # 8 Star Lock Washer              | 4    |
| 3        | 00012154 | Washer, 1/4                    | 6    | 13       | 00070010 | Motor (12 volt)                   | 1    |
| 4        | 710-0376 | HHCS, 5/16-18 x 1.0            | 2    | 14       | 01000635 | Nut, Lock, HexFlange, 5/16-18     | 2    |
| 5        | 710-3015 | Hex Cap Screw, 1/4-20, .75     | 1    | 15       | 01000643 | Carriage Bolt, 3/8-16 x 1.00 Long | 2    |
| 6        | 00018890 | Set Screw                      | 1    | 16       | 01000913 | HHCS, 1/4-20 x 1.25               | 4    |
| 7        | 00020533 | Motor impeller adapter         | 1    | 17       | 01008611 | Brake Cable Mounting Bracket      | 1    |
| 8        | 00022560 | Hex Nut, 3/8-16 Flange Lock    | 2    | 18       | 01008994 | Truckster Frame Assembly          | 1    |
| 9        | 00030317 | Impeller                       | 1    | 19       | 01009286 | Deflector Cable Mounting Bracket  | 1    |
| 10       | 00031686 | 8-32 x 1/2Phil. Hd. Scr.       | 4    | 20       | 01009421 | Lower Support Brace               | 2    |

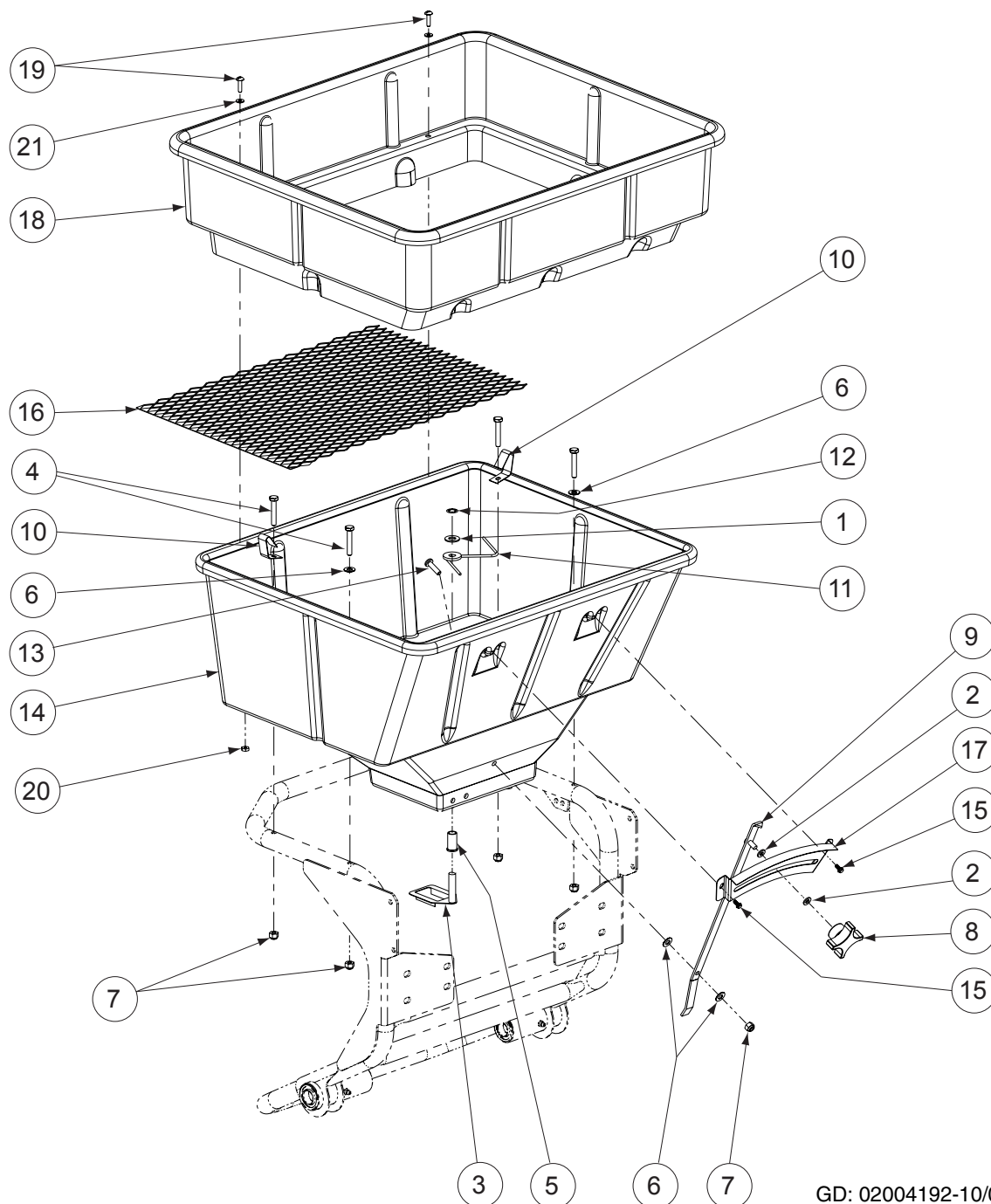
## Deflector Assembly - Figure 16 and Parts List



GD: 01008849-08/09/07

| Ref. No. | Part No. | Description                       | Qty. |
|----------|----------|-----------------------------------|------|
| 1        | 00018628 | Flat Washer, 1/4 Nylon            | 4    |
| 2        | 00035030 | Offset Deflector Bracket          | 1    |
| 3        | 00060036 | Nylock Nut, 1/4-20                | 5    |
| 4        | 00060057 | 1/4 -20 x 7/8 Pan Head Mach Screw | 5    |
| 5        | 00060059 | Hex Nut, 1/4-20                   | 1    |
| 6        | 00061052 | Cotter Pin, 1/8 x 1               | 1    |
| 7        | 00061053 | Flat Washer, 3/8                  | 1    |
| 8        | 00061066 | Deflector Tube, Plastic Only      | 1    |
| 9        | 01006253 | Deflector Mount Lever             | 1    |
| 10       | 01006254 | Deflector Mount Weldment          | 1    |
| 11       | 00031168 | HHCS: 1/4-20 x .75                | 1    |
| 12       | 00060033 | Flat Washer, 1/4" SS              | 1    |

## Hopper Assembly - Figure 17 and Parts List

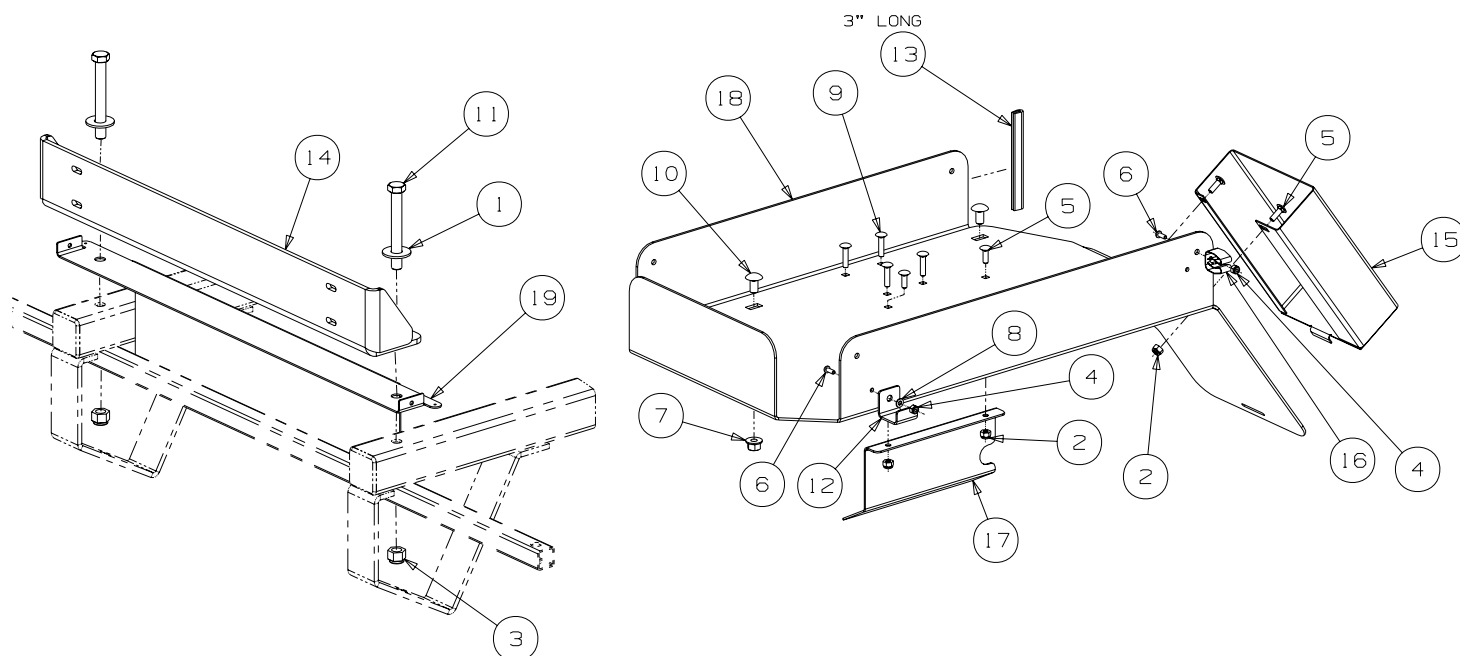


GD: 02004192-10/08/07

| Ref. No. | Part No. | Description                  | Qty. | Ref. No. | Part No.  | Description                        | Qty. |
|----------|----------|------------------------------|------|----------|-----------|------------------------------------|------|
| 1        | 00005530 | Washer, 3/8                  | 1    | 12       | 00060050  | Spring Retainer Clip               | 1    |
| 2        | 00018628 | Washer, 1/4                  | 2    | 13       | 00060057  | Machine Screw, 1/4-20 x 7/8        | 1    |
| 3        | 00030322 | Cam Agitator Assembly        | 1    | 14       | 02004176  | 80# Hopper                         | 1    |
| 4        | 00031167 | Hex Cap Screw, 1/4-20 x 1.50 | 4    | 15       | 01005631  | Screw, #8 x 3/8, SS                | 2    |
| 5        | 00060027 | Agitator Bearing             | 1    | 16       | 01010116  | Screen, SS                         | 1    |
| 6        | 00060033 | Washer, 1/4, SS              | 4    | 17       | 01006772  | Rate Plate                         | 1    |
| 7        | 00060036 | Nut, 1/4-20, SS              | 5    | 18       | 01009729  | Hopper Extension                   | 1    |
| 8        | 00060043 | Rate Control Knob            | 1    | 19       | 00035678  | Machine Screw, 10-24 x 3/4, SS     | 4    |
| 9        | 00060044 | Rate Control Arm             | 1    | 20       | 00070027  | Nut, 10-24, SS                     | 4    |
| 10       | 00060046 | Screen Clip, SS              | 2    | 21       | 01005630  | Washer, #8, SS                     | 4    |
| 11       | 00060049 | Agitator Arm Assembly        | 1    | 22       | 777D09015 | Decal, Front of Hopper (not shown) |      |



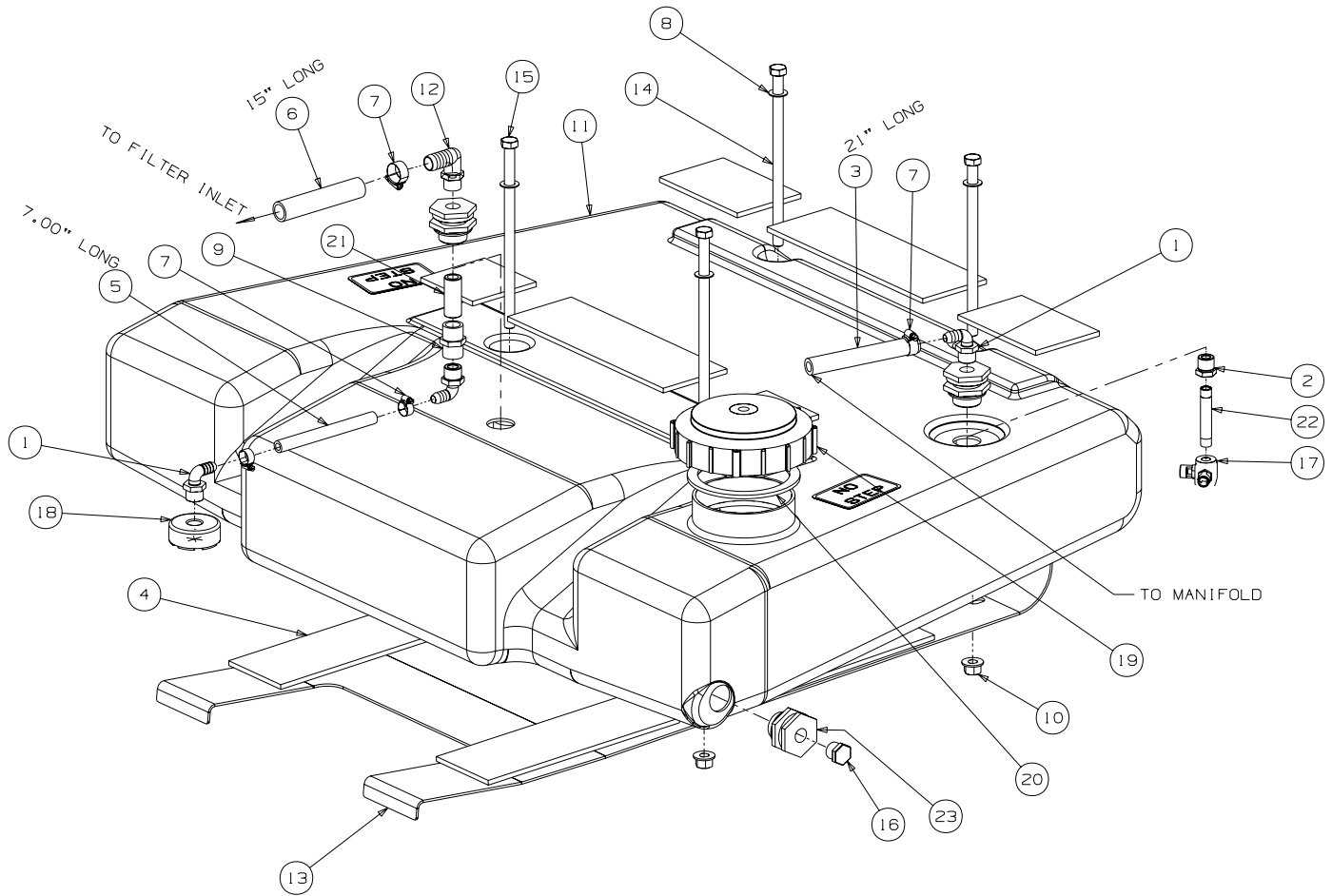
## Rear Fender Assembly- Figure 18 and Parts List



GD: 856-000000-05/01/08

| Ref. No. | Part No. | Description                       | Qty. | Ref. No. | Part No.  | Description                      | Qty. |
|----------|----------|-----------------------------------|------|----------|-----------|----------------------------------|------|
| 1        | 00011459 | Flat Washer, 1/2 Zinc             | 2    | 11       | 01001162  | Hex Head Capscrew, 1/2-13 x 4.00 | 2    |
| 2        | 00012152 | Lock Nut, Nylon Insert, 1/4-20    | 4    | 12       | 01004109  | Stop Bracket                     | 1    |
| 3        | 712-3083 | Lock Nut, Nylon Insert, 1/2-13    | 2    | 13       | 735-04130 | Battery Edge Trim                | 1    |
| 4        | 00014608 | Nut, Lock, Nylon Insert, #10-32   | 2    | 14       | 01008915  | Rear Spray Bumper                | 1    |
| 5        | 00017584 | Carriage Bolt, 1/4-20 x 3/4       | 4    | 15       | 01009237  | Spray Wand Hose Holder           | 1    |
| 6        | 00017778 | Machine Screw, 10-32 x 1/2        | 2    | 16       | 01009281  | Tool Holder                      | 1    |
| 7        | 00022560 | Hex Nut, 3/8-16 Flange Lock       | 4    | 17       | 02005673  | Electric Pump Cover              | 1    |
| 8        | 00030426 | Flat Washer, #10, SS              | 1    | 18       | 02005677  | Pump Motor Plate                 | 1    |
| 9        | 00031602 | Carriage Bolt, 1/4-20 x 1.00      | 4    | 19       | 703-06714 | Heat Shield                      | 1    |
| 10       | 01000372 | Carriage Bolt, 3/8-16 x 0.75 Long | 4    |          |           |                                  |      |

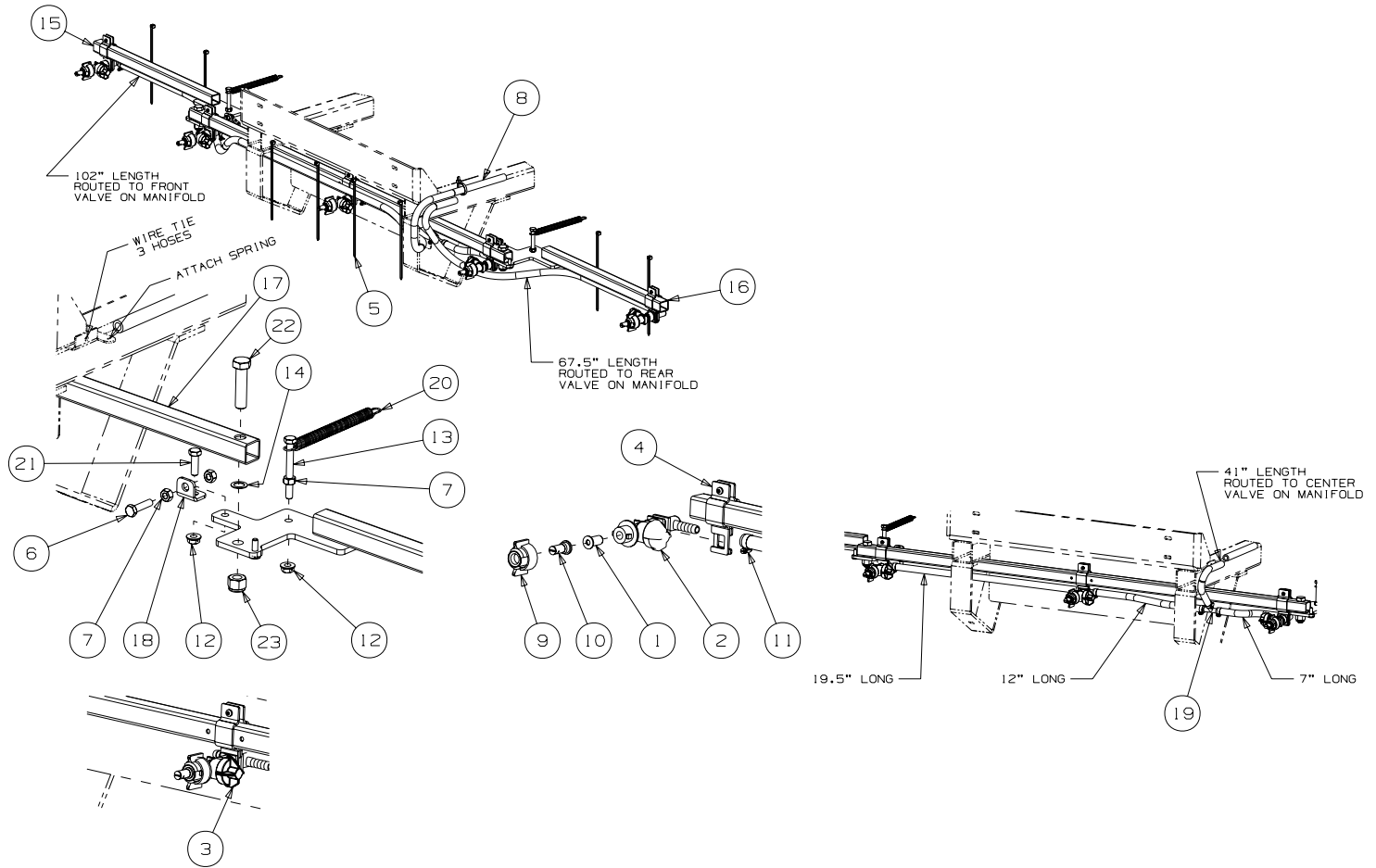
# Sprayer Tank Assembly- Figure 19 and Parts List



GD: 856-000011-05/29/08

| Ref. No. | Part No. | Description                             | Qty. | Ref. No. | Part No.  | Description                        | Qty. |
|----------|----------|-----------------------------------------|------|----------|-----------|------------------------------------|------|
| 1        | 00006145 | Hose Barb, 1/2 NPT, 1/2 Nylon           | 3    | 13       | 01008988  | Tank Skid Plate                    | 1    |
| 2        | 00006430 | Adapter, 1/4 NPT, 1/2 NPT               | 1    | 14       | 01009287  | Hex Head Cap Screw, 1/2-20 x 9.00  | 2    |
| 3        | 00008295 | Hose, 1/2" sold by the ft.              | 1.58 | 15       | 710-04815 | Hex Head Cap Screw, 1/2-20 x 10.00 | 2    |
| 4        | 00008382 | Foam, Adhesive Backed, 4" x 1/4" by ft. | 8    | 16       | 01009338  | Pipe Plug, 1/2 NPT                 | 1    |
| 5        | 00022284 | Hose, 3/8 by the ft.                    | .63  | 17       | 01009339  | Jet Agitator                       | 1    |
| 6        | 00031601 | Hose, 3/4 by the ft.                    | 1.67 | 18       | 01010071  | Fitting, Tank                      | 1    |
| 7        | 01000216 | Hose Clamp, 1/2, 7/8                    | 4    | 19       | 01010072  | Lid                                | 1    |
| 8        | 01000873 | Flat Washer, .536 ID x .93 OD x .050    | 4    | 20       | 01010073  | Gasket                             | 1    |
| 9        | 01005223 | Coupling, 1/2" (F) NPT                  | 1    | 21       | 01010074  | Nipple, 1/2"-14 x 2.00             | 1    |
| 10       | 01008804 | Nut, 1/2-20                             | 4    | 22       | 02005153  | Nipple, 1/4 NPT x 3"               | 1    |
| 11       | 01008818 | Tank, 40 Gallon                         | 1    | 23       | 02005154  | Fitting, 1/2 Double Threaded       | 3    |
| 12       | 01008822 | Elbo Fitting, 1/2 MNPT x 3/4            |      |          |           |                                    |      |

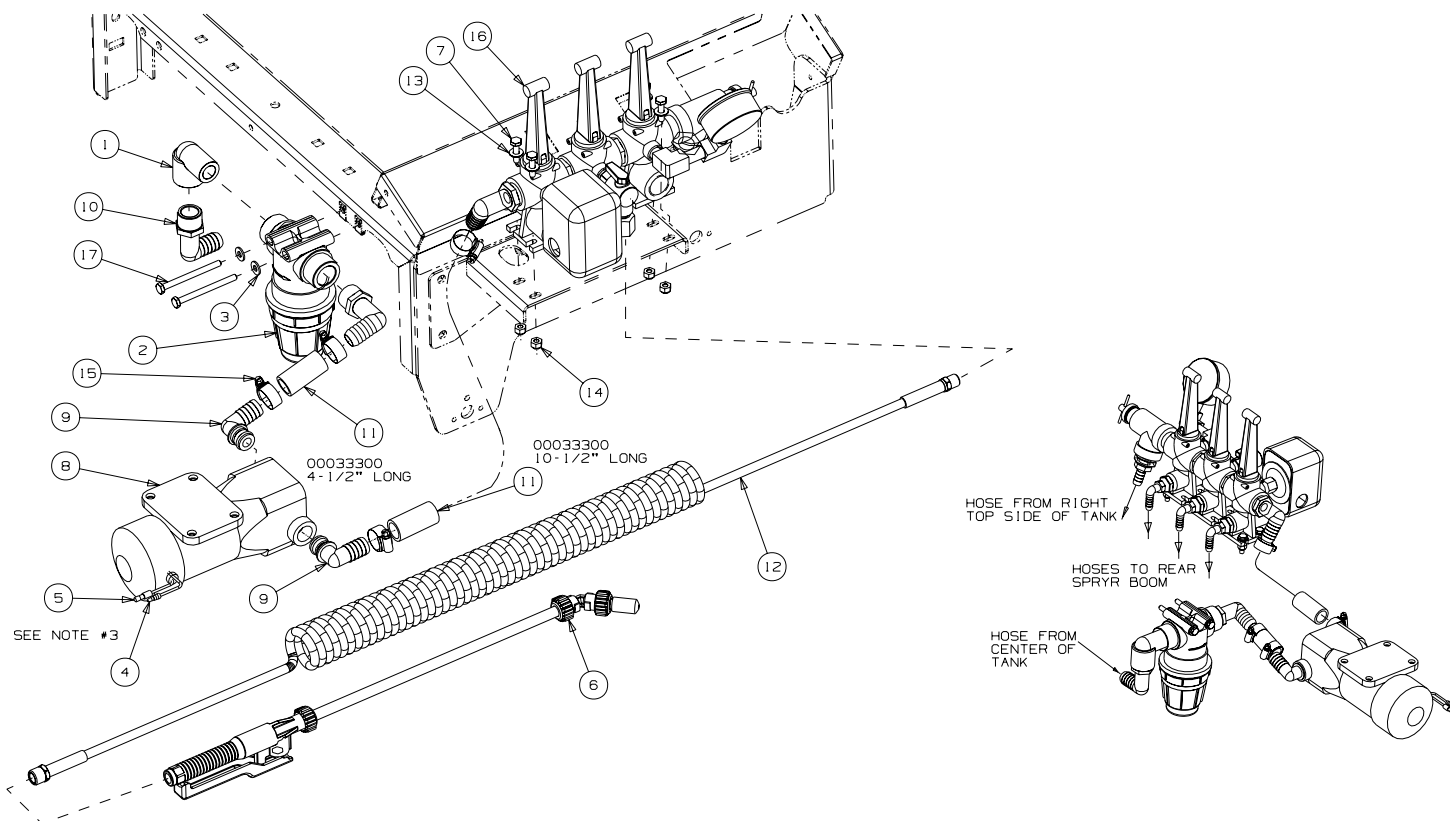
# Spray Boom Assembly- Figure 20 and Parts List



GD: 856-000010-05/01/08

| Ref. No. | Part No. | Description                   | Qty. | Ref. No. | Part No. | Description                    | Qty. |
|----------|----------|-------------------------------|------|----------|----------|--------------------------------|------|
| 1        | 00005173 | Strainer Screen, 50 Mesh, SS  | 5    | 13       | 01001972 | HHCS, 5/16-18 x 2.75           | 2    |
| 2        | 00009288 | Nozzle, Single Body, Dry Boom | 4    | 14       | 01005282 | Washer, .50 ID x .75 OD x .031 | 2    |
| 3        | 00009314 | Nozzle, Double Body, Dry Boom | 1    | 15       | 01008892 | Boom Arm Assembly, LH          | 1    |
| 4        | 00009679 | Clamp, Body Nozzle            | 5    | 16       | 01008894 | Boom Arm Assembly, RH          | 1    |
| 5        | 00012470 | Cable Tie                     | 9    | 17       | 01008896 | Boom Mount                     | 1    |
| 6        | 00013116 | HHCS, 5/16-18 x 1.25          | 2    | 18       | 01009223 | Boom Stop Arm                  | 2    |
| 7        | 00013433 | Nut, 5/16-18                  | 6    | 19       | 01009337 | T-Fitting, 3/8                 | 1    |
| 8        | --       | Hose, 3/8 by the ft.          | 20.8 | 20       | 01009376 | Extension Spring               | 2    |
| 9        | 00480210 | Cap                           | 5    | 21       | 710-0376 | HHCS, 5/16-18 x 1.0            | 2    |
| 10       | 00480213 | Nozzle, Turbo Flood Jet       | 5    | 22       | 710-0489 | HHCS, 1/2-13 x 2.00            | 2    |
| 11       | 01000215 | Hose Clamp                    | 9    | 23       | 712-3083 | Nut, 1/2-13                    | 2    |
| 12       | 01000635 | Nut, Lock, HexFlange, 5/16-18 | 4    |          |          |                                |      |

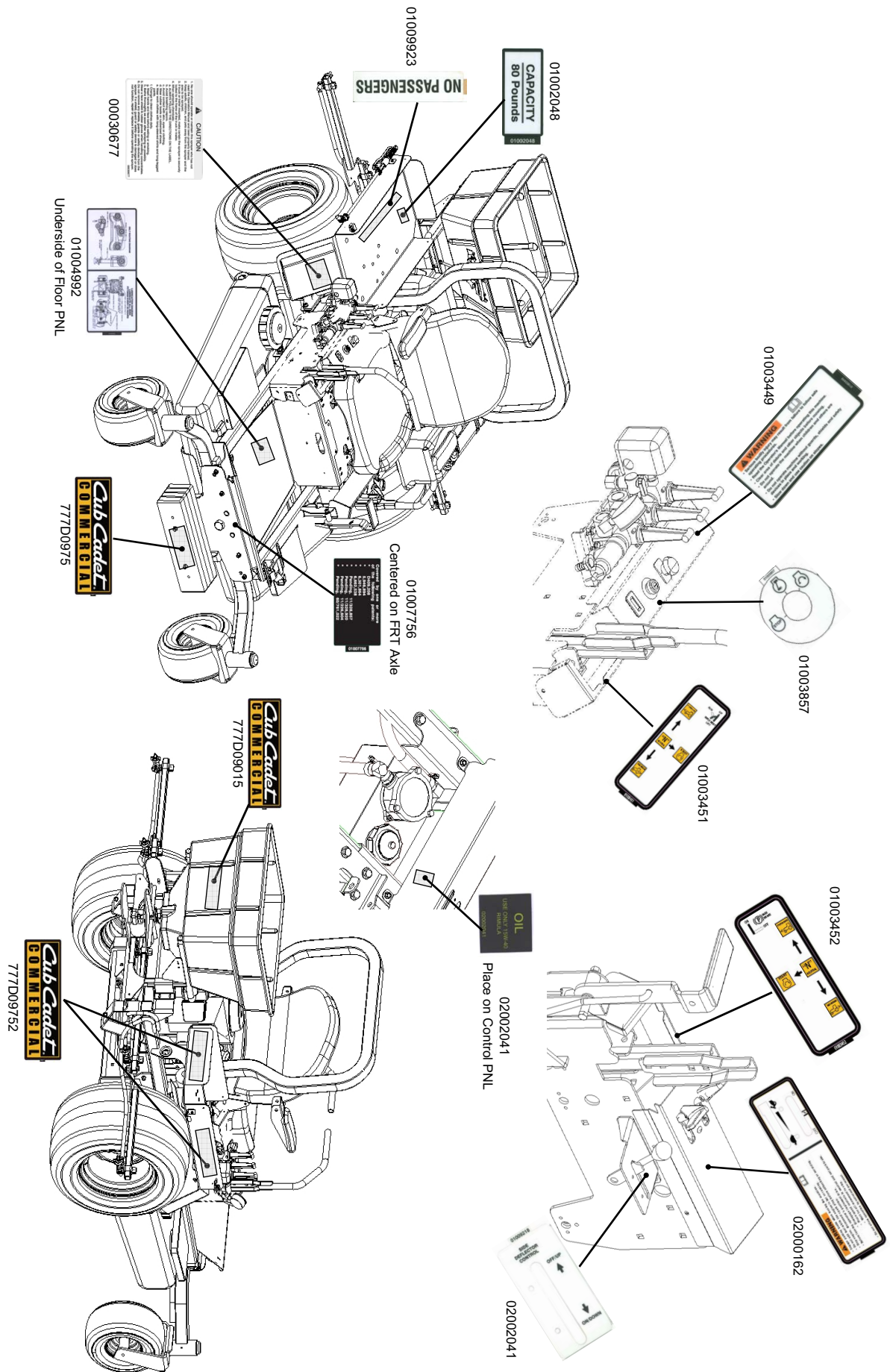
## Pump Plumbing Assembly- Figure 21 and Parts List



GD: 856-000001-05/01/08

| Ref. No. | Part No. | Description                    | Qty. | Ref. No. | Part No. | Description                     | Qty. |
|----------|----------|--------------------------------|------|----------|----------|---------------------------------|------|
| 1        | 00006017 | Street Elbow, 3/4 NPT          | 1    | 10       | 00032747 | Elbow, 3/4" x 3/4" MT           | 2    |
| 2        | 00011233 | Strainer, 3/4 PVC Line         | 1    | 11       | 00033300 | Hose, 3/4                       | 2    |
| 3        | 00012154 | Flat Washer, 1/4 Zinc          | 2    | 12       | 00035816 | Hose Assembly, 25 ft.           | 1    |
| 4        | 00017469 | Connector, Snap Plug, Male     | 1    | 13       | 00060033 | Flat Washer, 1/4"               | 4    |
| 5        | 00018126 | Connector, Snap Plug, Female   | 1    | 14       | 00060036 | Nylock Nut, 1/4-20              | 4    |
| 6        | 00018334 | Trigger Jet Spray Gun          | 1    | 15       | 01000216 | Hose Clamp, 1/2, 7/8            | 4    |
| 7        | 00031488 | HHCS, 1/4-20 x 1.00, SS        | 4    | 16       | 01008675 | Control Valve Manifold Assembly | 1    |
| 8        | 00031606 | Electric Pump, 4.8GPM 12V      | 1    | 17       | 01009480 | HHCS, 1/4-20 x 3.00             | 2    |
| 9        | 00031636 | Hose Barb, 3/4 90 degree Elbow | 2    |          |          |                                 |      |

Decal Map



# Notes

[illegible]

# Notes

[illegible]



Cub Cadet Commercial  
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