

**POLISHING RIDERS**

# **RP235**

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## **PARTS & DECALS MANUAL**

Manual Part #: 071155P | Revision: B  
Language: English | Original Instructions





**For information regarding the following, please see the “RP235- Safety & Operator Manual”**

- Warranty Information
- Dealer Information
- How to identify the Model / Serial Numbers on the machine
- Engine Detail

# POLISHING RIDER

## PARTS & DECALS MANUAL

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This manual covers the products listed below:

**Part No.**

070395

**Description**

RP235 - Polishing Trowel, Mechanical Steering, Kohler 25HP, Propane, 6ft

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# **SECTION 1 PARTS**

## SECTION 1 PARTS

# Factory Service Information

This section contains the illustrated drawings and parts list for help in identifying and/or ordering replacement parts for your machine. Follow the instructions in the front section of this manual “Ordering Parts” when ordering replacement parts to ensure prompt and accurate delivery.

### **NOTE**

All set screws have blue (LOC-TITE™) applied at the factory. If set screw is removed or loosened for any reason re-apply blue (LOC-TITE™).

### **NOTE**

All grease fittings are capped with CAP PLUG GC-5 (AEC PN 015692) to protect the fitting. If cap becomes missing or damaged replace it as soon as possible.

### **NOTE**

Anti-Seize is applied at the factory to all drive line coupling, gear box main and counter shafts and pitch control threaded rod assemblies. If these parts are disassembled re-apply a light coat of a graphite based anti-seize.

**ALL REFERENCES MADE TO LEFT/RIGHT SIDES IN THIS MANUAL ARE SITTING ON MACHINE (SOM)  
[i.e. Left / Right are in reference from a sitting position on the machine]**

We recommend AEC quality replacement parts, available from the AEC Customer Service Department or your nearest AEC Dealer.

Part numbers are subject to change without notice. Part numbers might be different outside of the United States of America. Use part numbers listed in the applicable parts list table when you place your order. If a part number changes, the AEC Customer Service Department or your nearest AEC dealer will have the latest part number for the replacement part.

Remember when you order replacement parts, you will need your **MODEL NUMBER** and **SERIAL NUMBER**. These are the numbers that you have recorded in the UNIT ID section of the “Safety and Operations Manual” or by looking on the unit Identification Plate. Please order replacement parts by the appropriate part number, not the item number.

This manual contains an illustrated parts list for help in ordering replacement parts for your machine. Follow the instructions below when ordering parts to ensure prompt and accurate delivery:

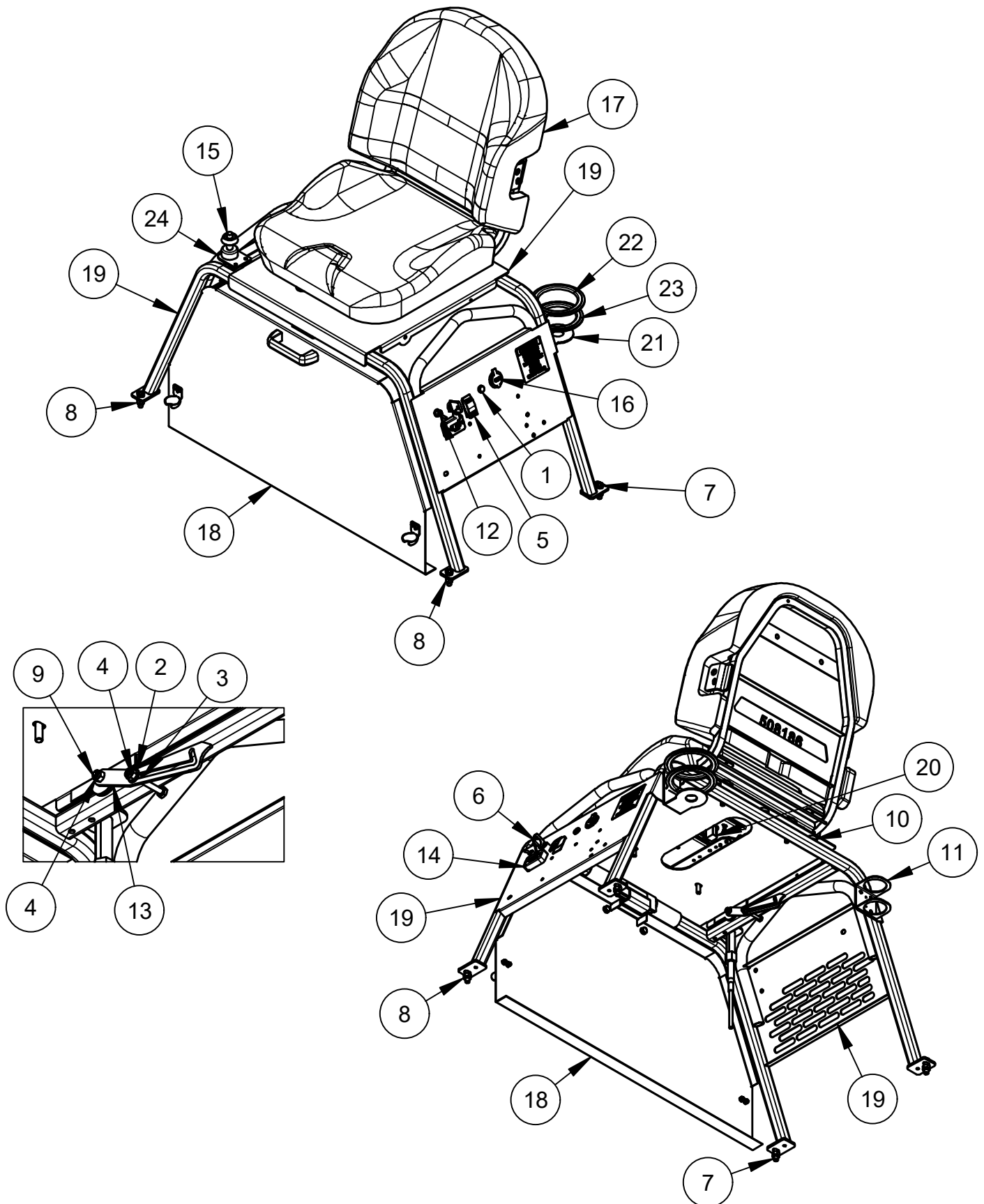
1. All orders for service parts - include the serial number for the machine. Shipment will be delayed if this information is not available.
2. Include correct description and part number
3. Specify exact shipping instructions, including the preferred routing and complete destination address.
4. **DO NOT** return parts to AEC without receiving written authorization from AEC. All authorized returns must be shipped pre-paid.
5. When placing an order, please contact the AEC Dealer nearest you.

### **NOTE**

All information, specifications, and illustrations in this manual are subject to change without notice and are based on the latest information at the time of publication.

# SECTION 1 PARTS

## Seat Frame Assembly



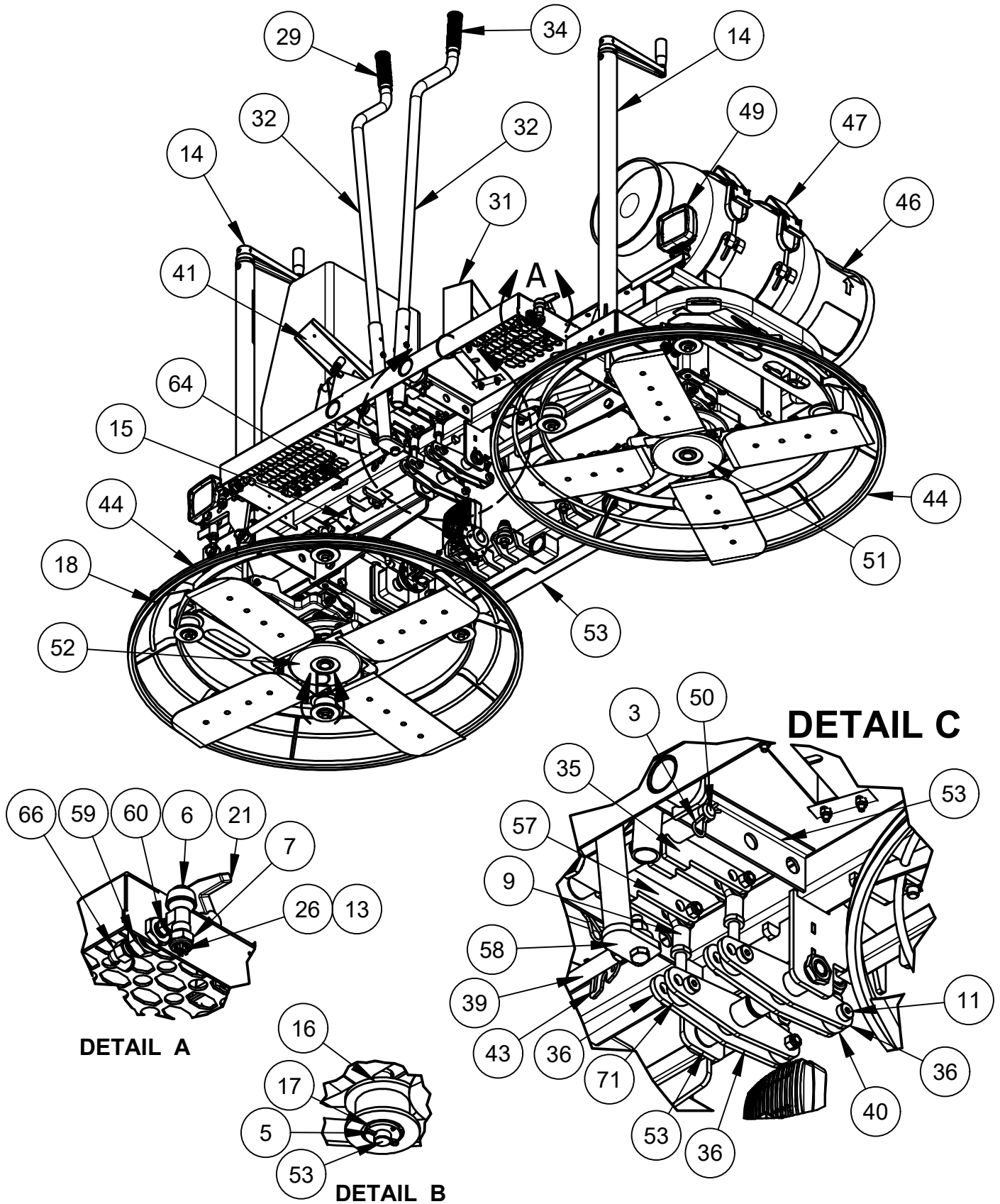
# Seat Frame Assembly

## SECTION 1 PARTS

| ITEM | PART NO.  | DESCRIPTION                                                | QTY |
|------|-----------|------------------------------------------------------------|-----|
| -    | 070386    | Assembly, Seat Frame, RP235                                | -   |
| 1    | 2857-PS24 | Light, Pilot, Red                                          | 1   |
| 2    | 010081    | Fastener, Washer, Flat, 1/4", Grade 8                      | 4   |
| 3    | 020542    | Fastener, Nut, Stover,                                     | 1   |
| 4    | 029671    | Fastener, Nut, Hex, Nylock, 1/4"-20                        | 2   |
| 5    | 032125    | Switch, Rocker, SPST                                       | 1   |
| 6    | 032148    | Kit, Key Ignition Switch                                   | 1   |
| 7    | 032875    | Fastener, HHCS, 3/8"-16 x 1-1/4", Grade 8                  | 4   |
| 8    | 040630    | Fastener, Nut, Lock, 3/8"-16, Grade 8                      | 4   |
| 9    | 042343    | Fastener, SFBHCS, 1/4"-20 x 3/4"                           | 1   |
| 10   | 047665    | Bumpers, Rubber                                            | 3   |
| 11   | 049632    | Bracket, Tool Holder                                       | 1   |
| 12   | 050603    | Switch, Toggle, O/I                                        | 1   |
| 13   | 053211    | Prop, for Seat                                             | 1   |
| 14   | 064386    | Meter, Tach/Hour Inductive, F/EFI                          | 1   |
| 15   | 069221    | Cruise Control                                             | 1   |
| 16   | 069850    | Receptical, USB, 12VDC                                     | 1   |
| 17   | 069874    | Seat, Rider                                                | 1   |
| 18   | 070250    | Assembly, Front Panel                                      | 1   |
| 19   | 070384    | Weldment, Seat Frame                                       | 1   |
| 20   | 071032    | Switch, for 069874 Seat, Normally Closed Contact           | 1   |
| 21   | 071120    | Cup Holder                                                 | 1   |
| 22   | 071123    | Rubber, Trim, for Top Section of Cup Holder, 12.5" Long    | 1   |
| 23   | 071124    | Rubber, Trim, for Middle Section of Cup Holder, 10.5" Long | 1   |
| 24   | 071548    | Plate, to Mount Cruise Control                             | 1   |

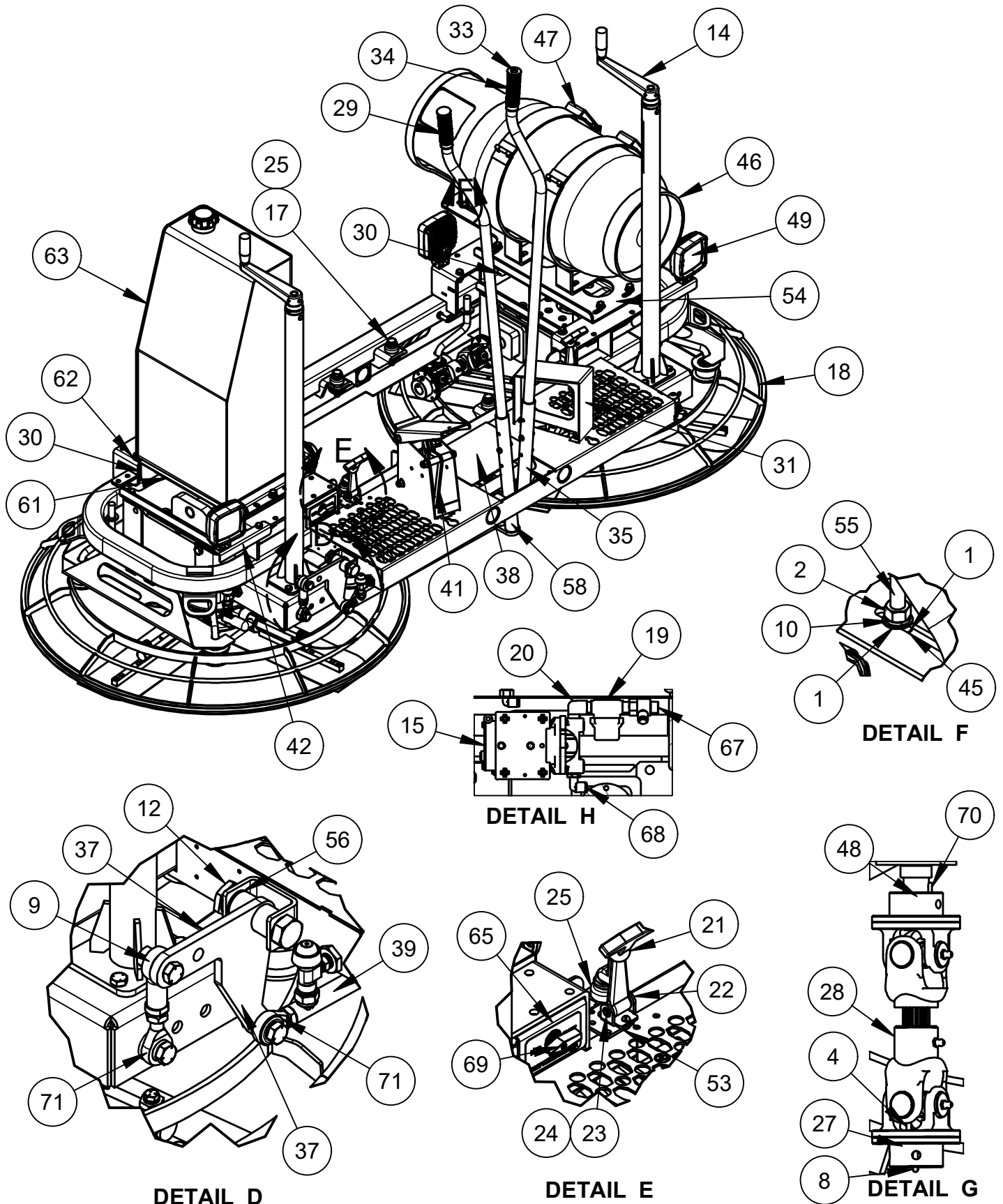
# SECTION 1 PARTS

## Lower Unit Assembly



# Lower Unit Assembly

## SECTION 1 PARTS



## SECTION 1 PARTS

## Lower Unit Assembly

| ITEM | PART NO. | DESCRIPTION                                  | QTY |
|------|----------|----------------------------------------------|-----|
| -    | 070385   | Assembly, Main Frame, RP235                  | -   |
| 1    | 010096   | Fastener, Washer, Flat, 7/16", Grade 8       | 2   |
| 2    | 010104   | Fastener, Nut, Hex, 7/16"-14, Grade 8        | 1   |
| 3    | 010711   | Pin, Hitch, Clip, 1/8" x 2" - 9/16"          | 2   |
| 4    | 011791   | Key, 1/4" x 1"                               | 2   |
| 5    | 012361   | Fastener, Pin, Cotter, 1/8" x 1"             | 8   |
| 6    | 012704   | Body, Check Valve, Brass                     | 2   |
| 7    | 012705   | Retainer, Spray Tip, Brass                   | 2   |
| 8    | 015813   | Key, 3/16" x 1"                              | 2   |
| 9    | 019900   | End, 1/2", Female Rod                        | 3   |
| 10   | 020542   | Fastener, Nut, Lock, 1/4"-20                 | 2   |
| 11   | 026267   | Fastener, Bolt, Shoulder, 1/2" x 1", Grade 8 | 6   |
| 12   | 026447   | Fastener, Nut, 3/4"-10, Thin, SelfLock       | 3   |
| 13   | 027649   | Strainer, Brass, 50µ Mesh                    | 2   |
| 14   | 032370   | Assembly, Pitch Control                      | 2   |
| 15   | 033735   | Pump, Spray System                           | 1   |
| 16   | 037264   | Assembly, Roller, for Edger                  | 8   |
| 17   | 038782   | Fastener, Washer, Flat, 5/8", Grade 8        | 8   |
| 18   | 039211   | Belt, Urethahne, A/13 x 111"                 | 2   |
| 19   | 040209   | Filter, Retardant Spray System               | 1   |
| 20   | 040387   | Fitting, Elbow, 3/8", 90°, Brass             | 1   |
| 21   | 042260   | Latch, FLEX Draw, Rubber                     | 2   |
| 22   | 046744   | Mount, Vib, #90, Yellow/White                | 7   |
| 23   | 047522   | Tip, Spray, 80° x 0.28GPM, Polymer           | 3   |
| 24   | 047635   | HUB, U-Joint, Center Shaft, Ø1" Bore         | 2   |
| 25   | 047637   | Assembly, U-Joint, Telescoping               | 2   |
| 26   | 048354   | Grip, Black Handle                           | 1   |
| 27   | 048561   | Assembly, Bearing, for Rotor Mount           | 4   |
| 28   | 048571   | Foot Rest                                    | 1   |
| 29   | 073905   | Joystick, Steering                           | 4   |
| 30   | 048909   | Push Button, for Retardant Spray             | 1   |
| 31   | 049245   | Grip, Modified Handle                        | 1   |
| 32   | 073906   | Lever, Steering, Left Hand                   | 1   |
| 33   | 053120   | Pivot Arm, for Steering                      | 2   |
| 34   | 053124   | Weldment, Steering Lever                     | 1   |

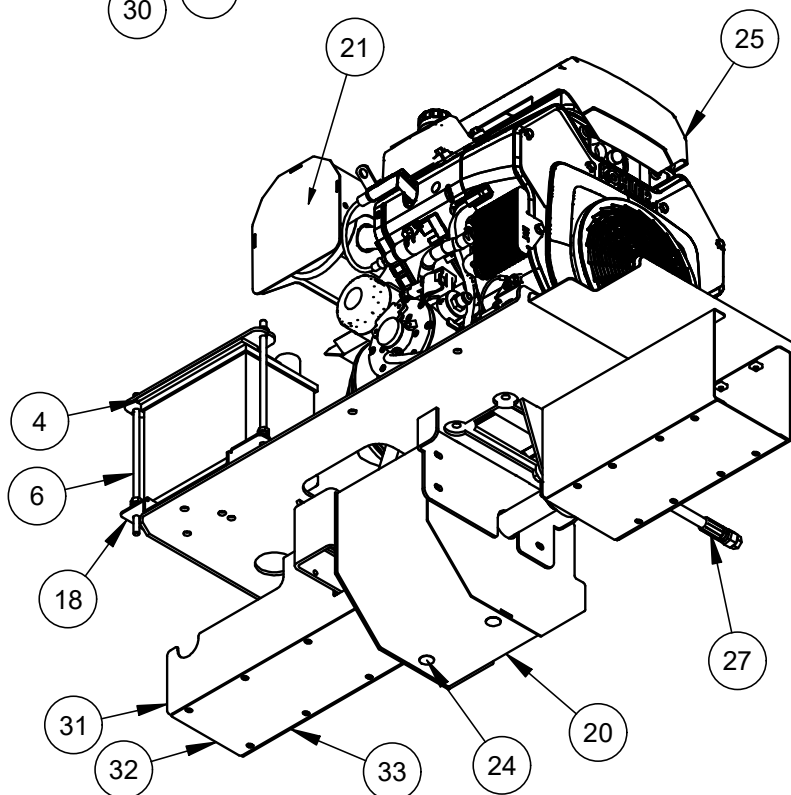
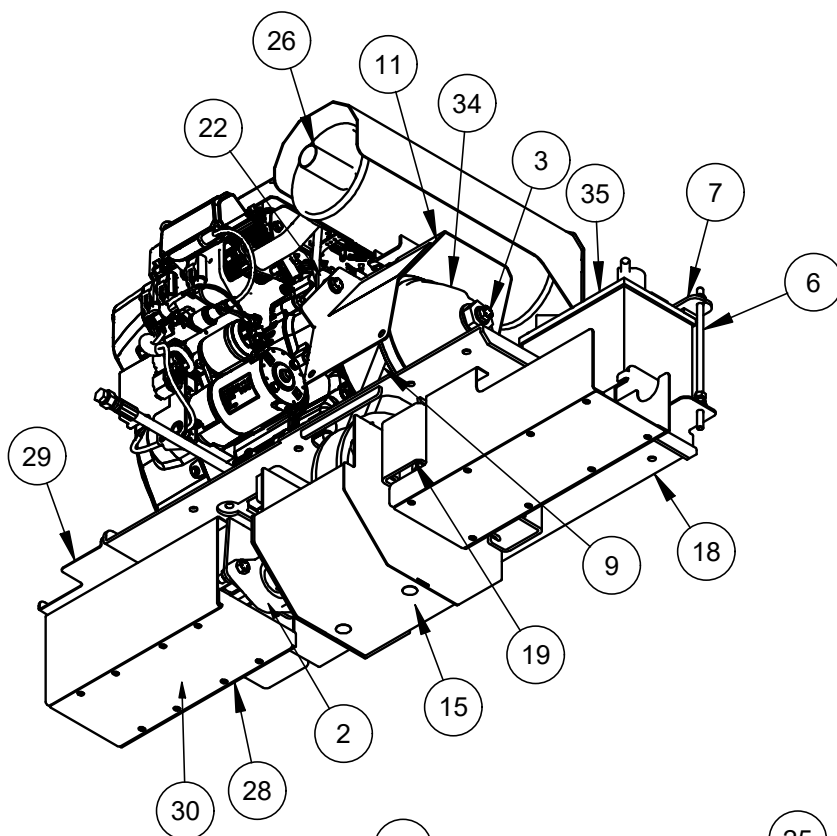
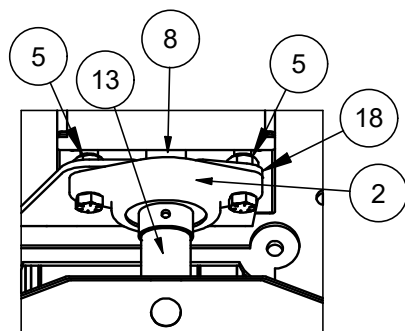
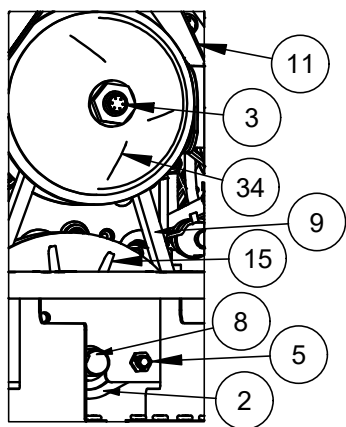
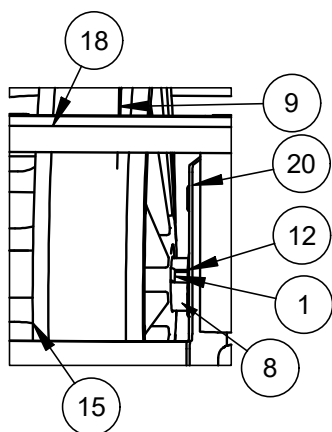
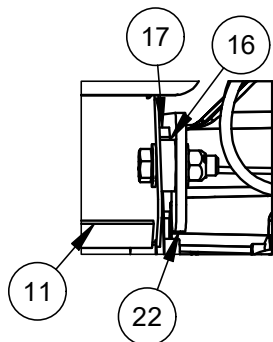
# Lower Unit Assembly

## SECTION 1 PARTS

| ITEM | PART NO. | DESCRIPTION                                            | QTY |
|------|----------|--------------------------------------------------------|-----|
| 35   | 053138   | Cover Plate                                            | 1   |
| 36   | 053174   | Shaft, Steering Linkage, 18"                           | 1   |
| 37   | 053183   | Steering Link, Short                                   | 2   |
| 38   | 053188   | Assembly, Throttle Pedal                               | 1   |
| 39   | 053218   | Bracket, for Light                                     | 2   |
| 40   | 056722   | Bracket, for Throttle                                  | 1   |
| 41   | 061078   | Ring, Lower, for Edger                                 | 2   |
| 42   | 064569   | Fastener, Nut, 7/16"-14, Stover, Grade 8               | 1   |
| 43   | 064878   | Tank, Propane, Vapor Draw, 33lb, with Baffle           | 1   |
| 44   | 064879   | Kit, Bracket, Mounting, for Propane Tank               | 1   |
| 45   | 068500   | HUB, U-Joint, Center Shaft, Ø22mm Bore                 | 2   |
| 46   | 069835   | Light, LED, 1200 Lumens, 12VDC, 1.3 AMP                | 4   |
| 47   | 069965   | Pivot Rod                                              | 1   |
| 48   | 070177   | Assembly, Rotor, Left Hand, 36" Polishing              | 1   |
| 49   | 070178   | Assembly, Rotor Right Hand, 36" Polishing              | 1   |
| 50   | 070187   | Weldment, Main Frame, Polishing Edger                  | 1   |
| 51   | 070347   | Plate, Mounting, Propane Tank                          | 1   |
| 52   | 070574   | Stud, for Propane Tank Installation                    | 1   |
| 53   | 070592   | Bearing, Ø3/4"ID x 3/4" Long, Plastic, Flange          | 12  |
| 54   | 070595   | Lever, Steering, Right Hand                            | 1   |
| 55   | 073903   | Weldment, Steering Tube, Right Hand                    | 1   |
| 56   | 071016   | Fitting, Bulk Head, 1/4" NPT, Brass                    | 1   |
| 57   | 071017   | Fitting, Nipple, Reducing, Hex, 1/4" NPT               | 2   |
| 58   | 071544   | Plate, Water Pump / Tank Mount                         | 1   |
| 59   | 071545   | Spacer, for Water Tank                                 | 2   |
| 60   | 071550   | Assembly, Tank, 9-Gallon                               | 1   |
| 61   | 071554   | Bracket, for Union Tee                                 | 1   |
| 62   | 071594   | Mounting Plate, for Nozzle Selector Valve              | 1   |
| 63   | 071596   | Fitting, Elbow, 1/4"NPT to 3/8" Hose Connection        | 4   |
| 64   | 071597   | Fitting, Elbow, 3/8"NPT Female to 3/8" Hose Connection | 1   |
| 65   | 071598   | Fitting, Elbow, 3/8"NPT Male to 3/8" Hose Connection   | 1   |
| 66   | 071602   | Ball Valve, 1/4" NPT Female, 3-Way, Brass              | 1   |
| 67   | 071610   | Key, 8mm x 7mm x 40mm                                  | 2   |
| 68   | 221408   | Rod, End, Male, 1/2"                                   | 2   |

## SECTION 1 PARTS

## Engine Assembly



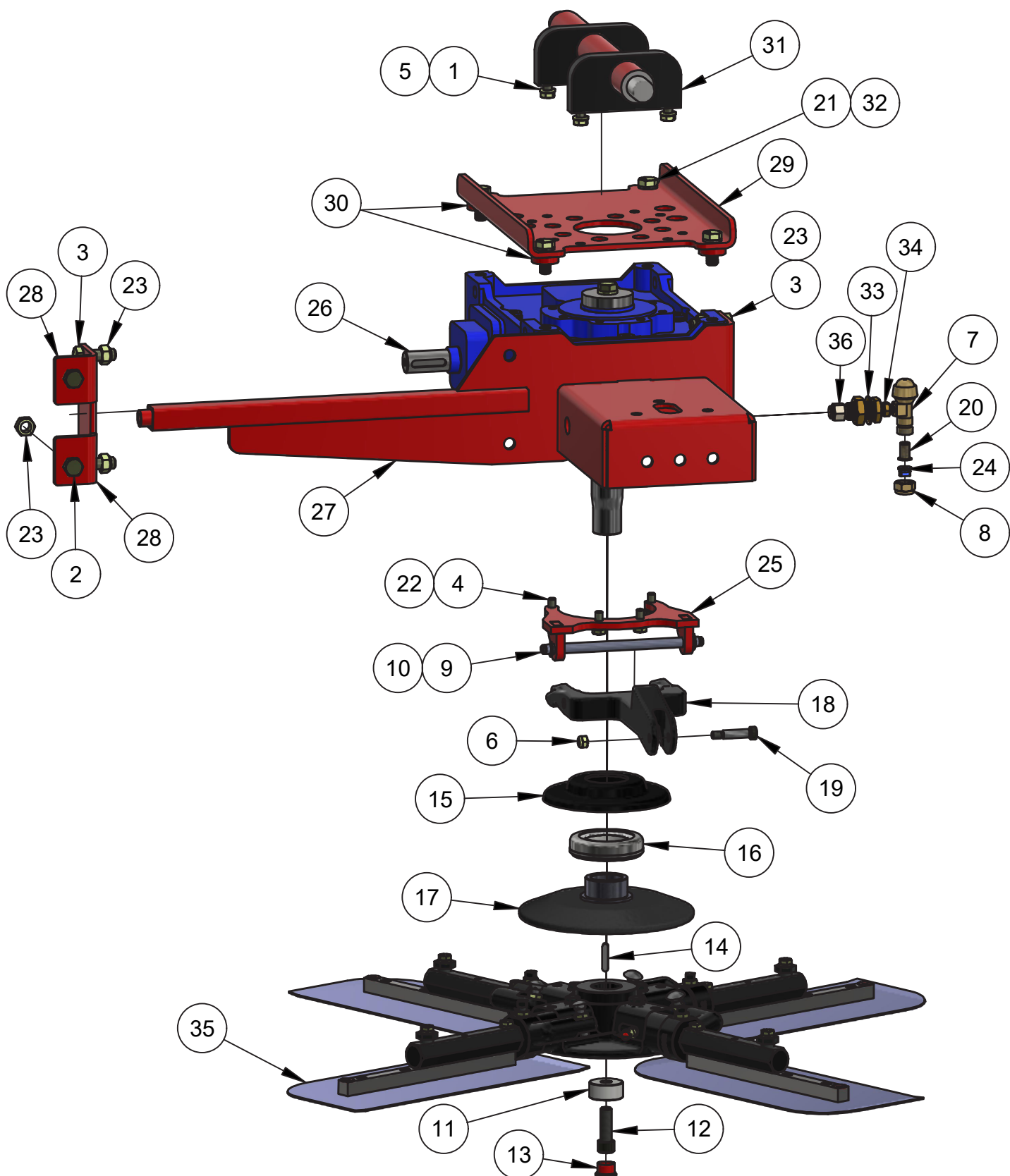
# Engine Assembly

## SECTION 1 PARTS

| ITEM | PART NO. | DESCRIPTION                                      | QTY |
|------|----------|--------------------------------------------------|-----|
| -    | 070370   | Assembly, Engine, RP235                          | -   |
| 1    | 024820   | Key, Stock, 1/4" x 1/4" x 4"                     | 1   |
| 2    | 039136   | Collar, Bearing, 1" Flanged, 2-Bolt, Ecentric    | 2   |
| 3    | 042280   | Fastener, Screw, HHC, 7/16"-20 x 4-1/2", Grade 8 | 1   |
| 4    | 047273   | Cushion, Battery Strap                           | 1   |
| 5    | 047477   | Fastener, Nut, 7/16"-20, Grade 8                 | 4   |
| 6    | 047715   | Rod, All-Thread, 5/16"-18, 8-5/8"                | 2   |
| 7    | 048932   | Bar, Battery Hold Down                           | 1   |
| 8    | 050070   | Shaft, Drive, 17-1/2", for Lock Bearing          | 1   |
| 9    | 051332   | Belt, CVT                                        | 1   |
| 10   | 052723   | Bracket, Throttle                                | 1   |
| 11   | 053136   | Cover, for Clutch                                | 1   |
| 12   | 053193   | Spacer, Bearing, 1-3/8"                          | 1   |
| 13   | 053194   | Spacer, Bearing, 4-3/4"                          | 1   |
| 14   | 053210   | Key, 3/16" x 1/4" x 2"                           | 1   |
| 15   | 053389   | Pulley                                           | 1   |
| 16   | 056470   | Bushing, Nitrile                                 | 2   |
| 17   | 065694   | Fastener, HHC, Bolt, 7/16"-14 x 1", Grade 8      | 2   |
| 18   | 070361   | Mount, for Engine                                | 1   |
| 19   | 070369   | Bracket, Bearing Mount, Right Hand               | 1   |
| 20   | 070371   | Guard, Bottom Pulley                             | 1   |
| 21   | 070374   | Shield, Heat, for Muffler                        | 1   |
| 22   | 070378   | Plate, Bracket, Belt Guard                       | 1   |
| 23   | 070380   | Spacer, for Clutch                               | 1   |
| 24   | 070381   | Plug, 3/8" ID, Plastic, Snap                     | 2   |
| 25   | 070382   | Engine, Kohler EKPCH740, 25HP, Propane           | 1   |
| 26   | 070383   | Muffler, Kohler                                  | 1   |
| 27   | 070413   | Hose, Drain                                      | 1   |
| 28   | 070484   | Side, Cover, for Left Hand Drive                 | 2   |
| 29   | 070493   | Plate, Top Cover, for Left Hand Drive            | 1   |
| 30   | 070494   | Plate, Bottom Cover, for Left Hand Drive         | 1   |
| 31   | 070505   | Side, Cover, for Right Hand Front                | 1   |
| 32   | 070506   | Plate, Bottom Cover, for Right Hand Drive        | 1   |
| 33   | 070507   | Side, Cover, for Right Hand Rear                 | 1   |
| 34   | 071614   | Pulley, Driver                                   | 1   |
| 35   | BT0100   | Battery, 340 CCA                                 | 1   |

## SECTION 1 PARTS

## Rotor Assembly - Left Hand



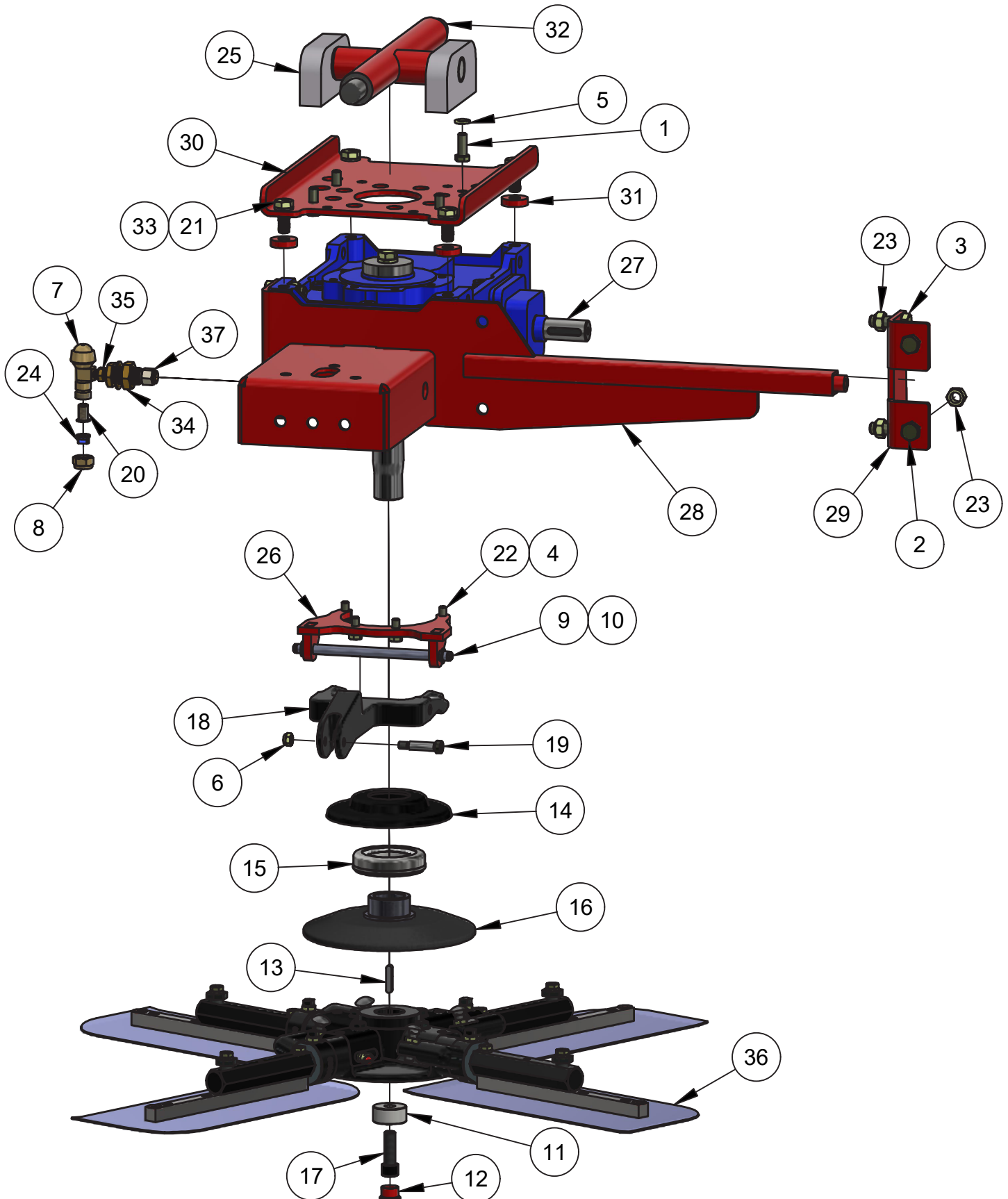
# Rotor Assembly - Left Hand

## SECTION 1 PARTS

| ITEM | PART NO. | DESCRIPTION                                                   | QTY |
|------|----------|---------------------------------------------------------------|-----|
| -    | 070177   | Assembly, Rotor, Left Hand, RP235                             | -   |
| 1    | 010036   | Fastener, HHCS, 3/8"-16 x 1, Grade 8                          | 4   |
| 2    | 010067   | Fastener, HHCS, 1/2"-13 x 1", Grade 8                         | 2   |
| 3    | 010069   | Fastener, HHCS, 1/2"-13 x 1-1/2", Grade 8                     | 4   |
| 4    | 010090   | Fastener, Washer, Lock, 5/16", Grade 8                        | 4   |
| 5    | 010091   | Fastener, Washer, Lock, 3/8", Grade 8                         | 4   |
| 6    | 012612   | Fastener, Nut, Hex, Nylock, 5/16-18, Grade 8                  | 1   |
| 7    | 012704   | Body, Check Valve Nozzle, Brass                               | 1   |
| 8    | 012705   | Retainer, Spray Tip, Brass                                    | 1   |
| 9    | 015677   | Ring, Retaining, Ø7/16, E-Style                               | 2   |
| 10   | 015678   | Pin, Yoke Arm                                                 | 1   |
| 11   | 015690   | Washer, Retaining                                             | 1   |
| 12   | 015691   | Fastener, SHCS, 1/2"-13 x 1-1/2", Right Hand Threads, Grade 8 | 1   |
| 13   | 015693   | Plug, Plastic Cap                                             | 1   |
| 14   | 015696   | Key, 0.25" x 1.25"                                            | 1   |
| 15   | 015821   | Cap, Pressure Plate                                           | 1   |
| 16   | 015822   | Bearing, Thrust                                               | 1   |
| 17   | 015824   | Plate, Pressure                                               | 1   |
| 18   | 026215   | Yoke, Arm                                                     | 1   |
| 19   | 026504   | Fastener, Bolt, Shoulder, 5/16-18" x 1/2" x Ø3/8" x 1-1/4"    | 1   |
| 20   | 027649   | Strainer, Brass, 50µ Mesh                                     | 1   |
| 21   | 029028   | Fastener, Washer, Lock, 12mm, Grade 8                         | 4   |
| 22   | 032863   | Fastener, HHCS, M8 x 1.25 x 20mm                              | 4   |
| 23   | 047478   | Fastener, Nut, Stover, 1/2"-20, Grade 8                       | 6   |
| 24   | 047522   | Tip, Spray, Polymer, 80° x 0.28 GPM                           | 1   |
| 25   | 069880   | Bracket, Yoke Mount                                           | 1   |
| 26   | 069884   | Assembly, Gearbox, Helical, Left Hand SOM, 21.2:1             | 1   |
| 27   | 069908   | Arm, for Crosshead Assembly                                   | 1   |
| 28   | 070173   | Bracket, for Gearbox & Crosshead Assembly                     | 1   |
| 29   | 070174   | Plate, Top for Gearbox & Crosshead                            | 1   |
| 30   | 070175   | Spacer, for Gearbox Assembly                                  | 4   |
| 31   | 070176   | Crosshead, 2-Way                                              | 1   |
| 32   | 070414   | Fastener, HHCS, M12 - 1.75" x 30mm,                           | 4   |
| 33   | 071016   | Fitting, Buld Head, Brass, 1/4" NPT                           | 1   |
| 34   | 071017   | Fitting, Reducing Hex Nipple, 1/4" - 1/8", NPT                | 1   |
| 35   | 071162   | Assembly, Lower Rotor, Left Hand                              | 1   |
| 36   | 071601   | Fitting, Straight, 1/4" NPT Male to 3/8" Hose                 | 1   |
| 37   | 071374   | Shaft, Seal, for Gearbox (Not Shown)                          |     |

## SECTION 1 PARTS

## Rotor Assembly - Right Hand



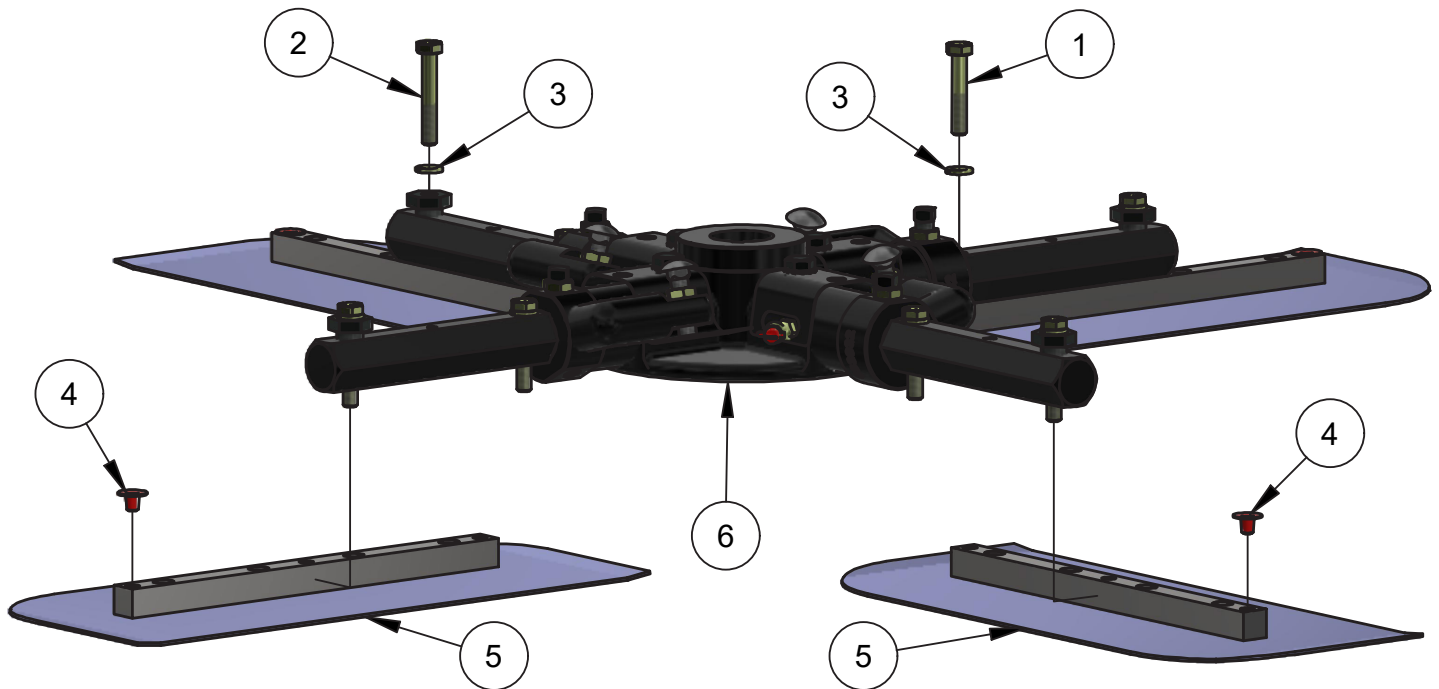
# Rotor Assembly - Right Hand

## SECTION 1 PARTS

| ITEM | PART NO. | DESCRIPTION                                                | QTY |
|------|----------|------------------------------------------------------------|-----|
| -    | 070178   | Assembly, Rotor, Right Hand, RP235                         | -   |
| 1    | 010036   | Fastener, HHCS, 3/8" - 16 x 1", Grade 8                    | 4   |
| 2    | 010067   | Fastener, HHCS, 1/2" - 13 x 1", Grade 8                    | 2   |
| 3    | 010069   | Fastener, HHCS, 1/2" - 13 x 1-1/2", Grade 8                | 4   |
| 4    | 010090   | Fastener, Washer, Lock, 5/16", Grade 8                     | 4   |
| 5    | 010091   | Fastener, Washer, Lock, 3/8", Grade 8                      | 4   |
| 6    | 012612   | Fastener, Nut, Hex, Nylock, 5/16" - 18, Grade 8            | 1   |
| 7    | 012704   | Body, Check Valve Nozzle, Brass                            | 1   |
| 8    | 012705   | Retainer, Spray Tip, Brass                                 | 1   |
| 9    | 015677   | Ring, Retaining, Ø7/16, E-Style                            | 2   |
| 10   | 015678   | Pin, Yoke Arm                                              | 1   |
| 11   | 015690   | Washer, Retaining                                          | 1   |
| 12   | 015693   | Plug, Plastic Cap                                          | 1   |
| 13   | 015696   | Key, 0.25" x 1.25"                                         | 1   |
| 14   | 015821   | Cap, Pressure Plate                                        | 1   |
| 15   | 015822   | Bearing, Thrust                                            | 1   |
| 16   | 015824   | Plate, Pressure                                            | 1   |
| 17   | 020155   | Fastener, SHCS, 1/2" - 13 x 1-1/2", Left Hand Threads      | 1   |
| 18   | 026215   | Yoke, Arm                                                  | 1   |
| 19   | 026504   | Fastener, Bolt, Shoulder, 5/16-18" x 1/2" x Ø3/8" x 1-1/4" | 1   |
| 20   | 027649   | Strainer, Brass, 50µ Mesh                                  | 1   |
| 21   | 029028   | Fastener, Washer, Lock, 12mm, Grade 8                      | 4   |
| 22   | 032863   | Fastener, HHCS, M8 x 1.25 x 20mm                           | 4   |
| 23   | 047478   | Fastener, Nut, Stover, 1/2" - 20, Grade 8                  | 6   |
| 24   | 047522   | Tip, Spray, Polymer, 80° x 0.28 GPM                        | 1   |
| 25   | 048561   | Assembly, Bearing, for Rotor Mount                         | 2   |
| 26   | 069880   | Bracket, Yoke Mount                                        | 1   |
| 27   | 069883   | Assembly, Gearbox                                          | 1   |
| 28   | 069889   | Arm, for Crosshead Right Hand Rotor Assembly               | 1   |
| 29   | 070173   | Bracket, for Gearbox & Crosshead Right Hand Assembly       | 1   |
| 30   | 070174   | Plate, Top for Gearbox & Crosshead                         | 4   |
| 31   | 070175   | Spacer, for Gearbox Assembly                               | 1   |
| 32   | 070179   | Crosshead, 4-Way                                           | 4   |
| 33   | 070414   | Fastener, HHCS, M12-1.75" x 30mm,                          | 1   |
| 34   | 071016   | Fitting, Bulk Head, 1/4" NPT                               | 1   |
| 35   | 071017   | Fitting, Reducing Hex Nipple, 1/4" - 1/8" NPT              | 1   |
| 36   | 071163   | Assembly, Lower Rotor, Right Hand                          | 1   |
| 37   | 071601   | Fitting, Straight, 1/4" NPT Male to 3/8" Hose              | 1   |
| 38   | 071374   | Seal, Shaft, for Gearbox (Not Shown)                       | 1   |

## SECTION 1 PARTS

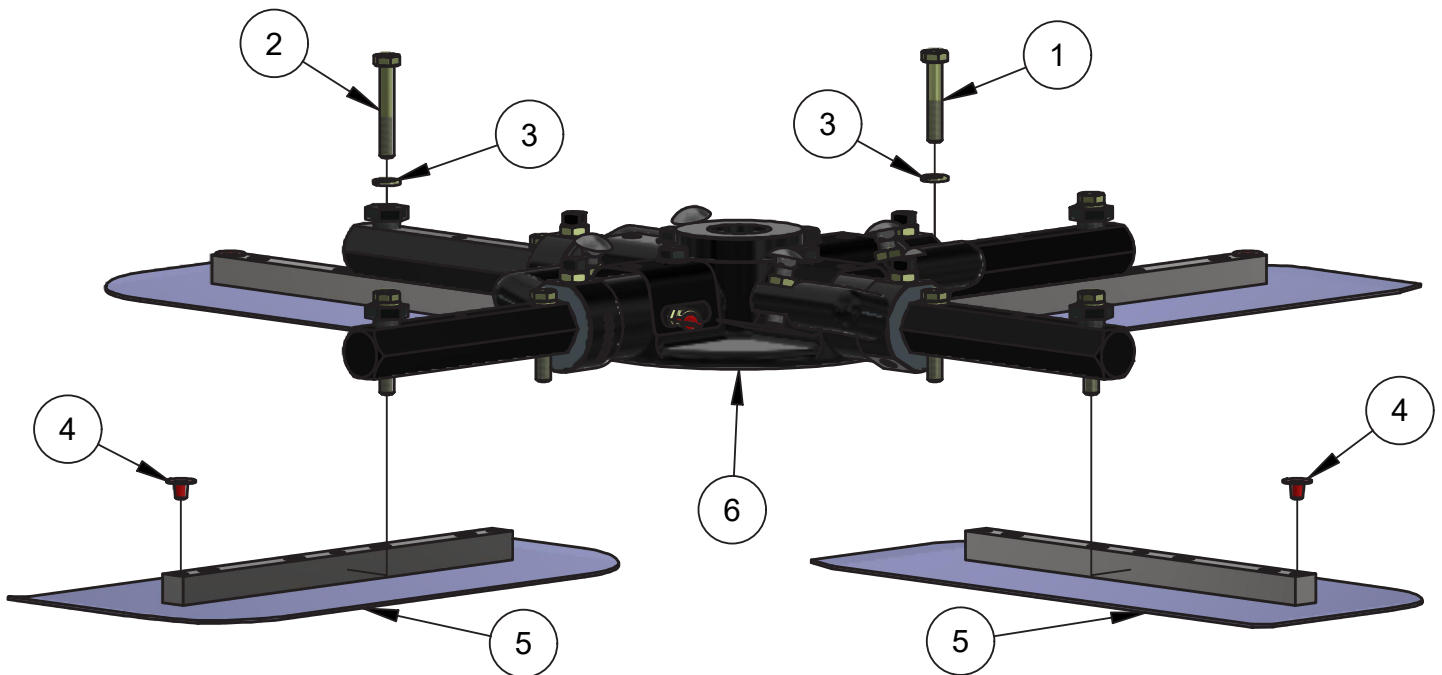
### Lower Rotor Assembly - Left Hand



| ITEM | PART # | DESCRIPTION                                  | QTY |
|------|--------|----------------------------------------------|-----|
| -    | 071162 | Assembly, Lower Rotor, Left Hand             | -   |
| 1    | 010023 | Fastener, HHCS, 5/16"-18 - 1-3/4", Grade 8   | 4   |
| 2    | 010024 | Fastener, Bolt, HHCS, 5/16"-18 x 2", Grade 8 | 4   |
| 3    | 010090 | Fastener, Washer, Lock, 5/16", Grade 8       | 8   |
| 4    | 015694 | Plug, W-1, Red, Plastic, Tapered             | 4   |
| 5    | 041695 | Blade, Flat Finish, 6" x 14", Edger, Silver  | 4   |
| 6    | 072843 | Assembly, Spider, Left Hand, 4-Blade         | 1   |

# Lower Rotor Assembly - Right Hand

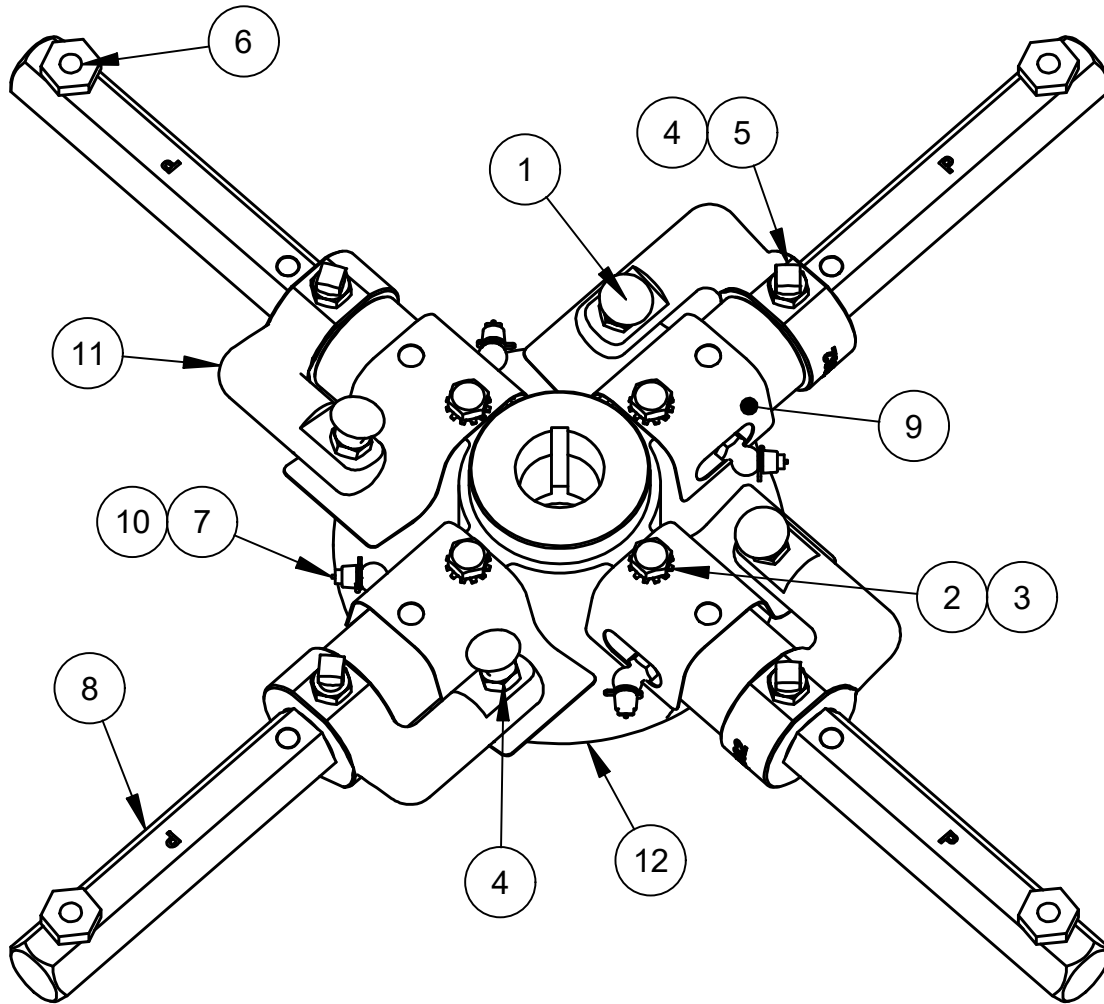
## SECTION 1 PARTS



| ITEM | PART # | DESCRIPTION                                  | QTY |
|------|--------|----------------------------------------------|-----|
| -    | 071163 | Assembly, Lower Rotor, Right Hand            | -   |
| 1    | 010023 | Fastener, HHCS, 5/16"-18 - 1-3/4", Grade 8   | 4   |
| 2    | 010024 | Fastener, Bolt, HHCS, 5/16"-18 x 2", Grade 8 | 4   |
| 3    | 010090 | Fastener, Washer, Lock, 5/16", Grade 8       | 8   |
| 4    | 015694 | Plug, W-1, Red, Plastic, Tapered             | 4   |
| 5    | 041695 | Blade, Flat Finish, 6" x 14", Edger, Silver  | 4   |
| 6    | 072842 | Assembly, Spider, Right Hand, 4-Blade        | 1   |

## SECTION 1 PARTS

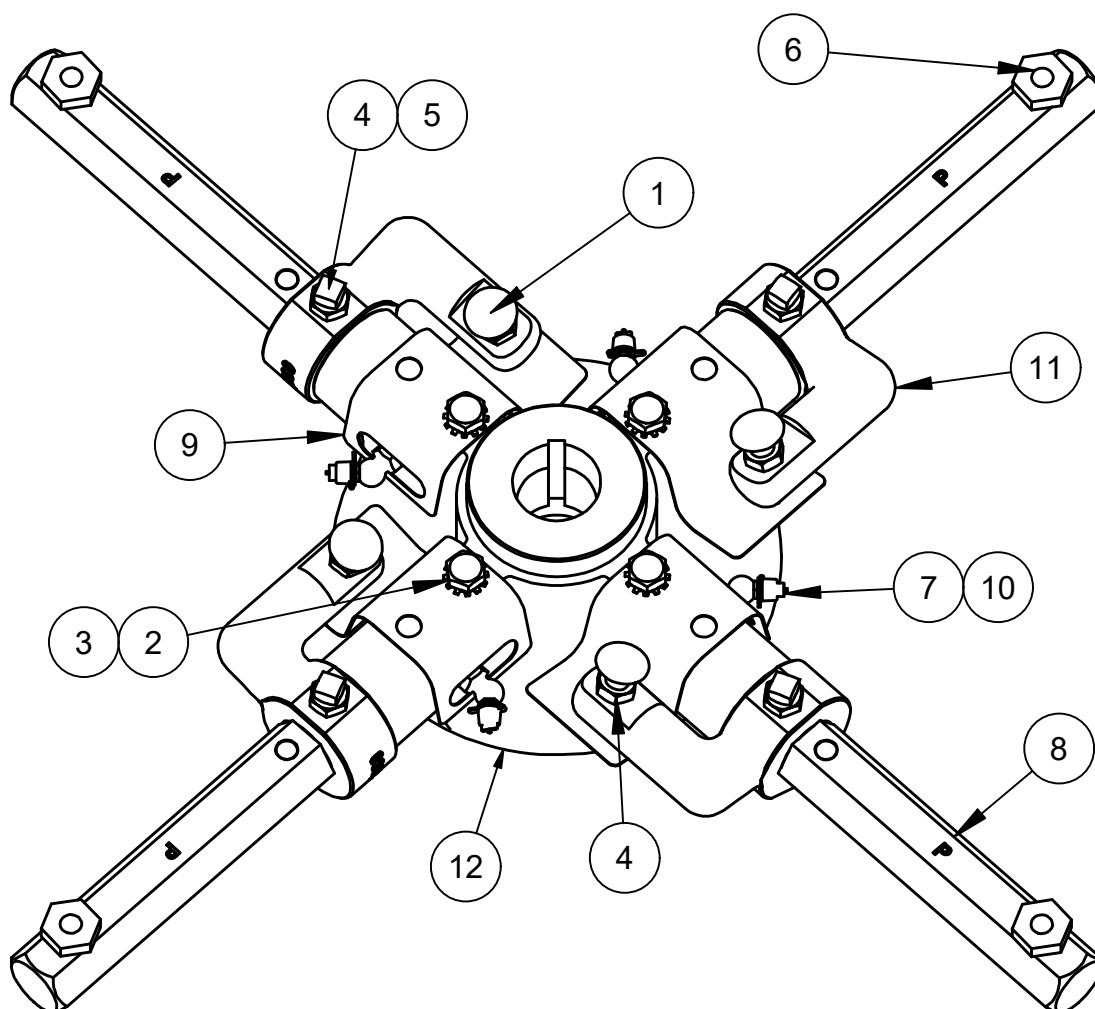
### Spider Assembly - Left Hand



| ITEM | PART # | DESCRIPTION                                           | QTY |
|------|--------|-------------------------------------------------------|-----|
| -    | 072843 | Assembly, Spider, Left Hand, 4-Arm                    | -   |
| 1    | 012990 | Fastener, , 3/16"-16 x 1-1/4", Grade 8                | 4   |
| 2    | 015682 | Fastener, Washer, Star, 3/8", Grade 8                 | 4   |
| 3    | 015683 | Fastener, Bolt, Hex Head Cap, 3/8"-16 x 7/8", Grade 8 | 4   |
| 4    | 015684 | Fastener, Nut, Hex, 3/8"-16, Grade 8                  | 8   |
| 5    | 015686 | Fastener, SQHSS, 3/8"-16 x 1"                         | 4   |
| 6    | 015688 | Fastener, Screw, Machine Head, 9/16"-18               | 4   |
| 7    | 015692 | Cap, Grease, 1/4", Red, Plastic                       | 4   |
| 8    | 015818 | Arm, for 36" Trowel                                   | 4   |
| 9    | 016920 | Clip, Spring                                          | 4   |
| 10   | 024755 | Fitting, Grease, 1/8"-27 NPT, 45°                     | 4   |
| 11   | 033032 | Lever, Lift, 1", Universal                            | 4   |
| 12   | 064221 | Boss, for Spider Assembly, 4-Arm, Universal           | 1   |

# Spider Assembly - Right Hand

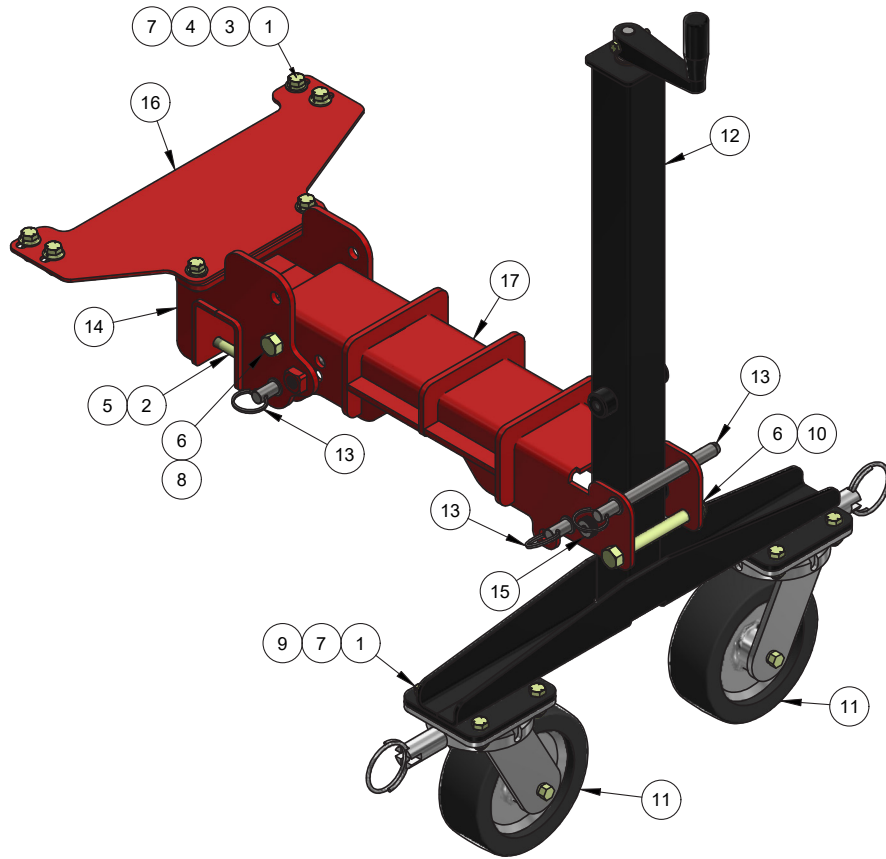
## SECTION 1 PARTS



| ITEM | PART # | DESCRIPTION                                           | QTY |
|------|--------|-------------------------------------------------------|-----|
| -    | 072842 | Assembly, Spider, Right Hand, 4-Arm                   | -   |
| 1    | 012990 | Fastener, , 3/16"-16 x 1-1/4", Grade 8                | 4   |
| 2    | 015682 | Fastener, Washer, Star, 3/8", Grade 8                 | 4   |
| 3    | 015683 | Fastener, Bolt, Hex Head Cap, 3/8"-16 x 7/8", Grade 8 | 4   |
| 4    | 015684 | Fastener, Nut, Hex, 3/8"-16, Grade 8                  | 8   |
| 5    | 015686 | Fastener, SQHSS, 3/8"-16 x 1"                         | 4   |
| 6    | 015688 | Fastener, Screw, Machine Head, 9/16"-18               | 4   |
| 7    | 015692 | Cap, Grease, 1/4", Red, Plastic                       | 4   |
| 8    | 015818 | Arm, for 36" Trowel                                   | 4   |
| 9    | 016920 | Clip, Spring                                          | 4   |
| 10   | 024755 | Fitting, Grease, 1/8"-27 NPT, 45°                     | 4   |
| 11   | 033032 | Lever, Lift, 1", Universal                            | 4   |
| 12   | 064221 | Boss, for Spider Assembly, 4-Arm, Universal           | 1   |

## SECTION 1 PARTS

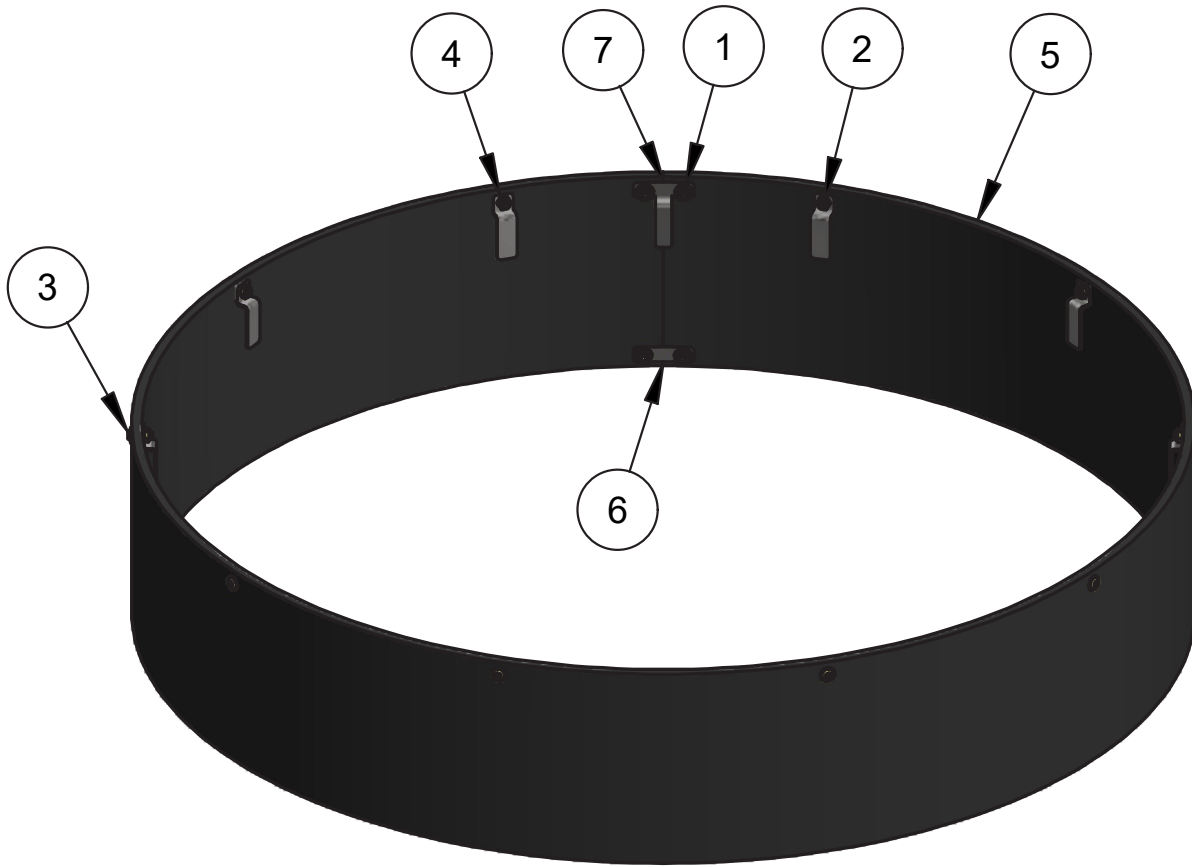
## Dolly Jack Assembly



| ITEM | PART # | DESCRIPTION                                             | QTY |
|------|--------|---------------------------------------------------------|-----|
| -    | 070283 | Assembly, Dolly Jack, without Locks (Not Shown)         | -   |
| -    | 070284 | Assembly, Dolly Jack, with Locks                        | -   |
| 1    | 010036 | Fastener, HHCS, 3/8"-16 x 1", Grade 8                   | 14  |
| 2    | 010044 | Fastener, HHCS, 3/8"-16 x 3", Grade 8                   | 2   |
| 3    | 010091 | Fastener, Washer, Lock, 3/8", Grade 8                   | 6   |
| 4    | 010102 | Fastener, Nut, Hex, 3/8"-16, Grade 8                    | 4   |
| 5    | 010464 | Fastener, Nut, Hex, Nylock, 3/8"-16, Grade 8            | 2   |
| 6    | 011238 | Fastener, Nut, Hex, Nylock, 1/2"-13, Grade 8            | 2   |
| 7    | 017751 | Fastener, Washer, Flat, 3/8", Grade 8                   | 14  |
| 8    | 019541 | Fastener, HHCS, 1/2"-13 x 5", Grade 8                   | 1   |
| 9    | 020514 | Fastener, Nut, Stover, 3/8"-16, Grade 8                 | 8   |
| 10   | 033771 | Fastener, HHCS, 1/2"-13 x -1/2", Grade 8                | 1   |
| 11   | 070278 | Caster, 6", without Lock, Non-Marking Wheel (Not Shown) | 2   |
|      | 070279 | Caster, 6", with Lock, Non-Marking Wheel                |     |
| 12   | 070282 | Assembly, Jack, for Pivoting                            | 1   |
| 13   | 070343 | Pin, 1/2" x 4-5/8", Quick Release                       | 3   |
| 14   | 070394 | Reciever                                                | 1   |
| 15   | 070399 | Fastener, Bolt, Shoulder, 1/2" x 5/16"                  | 2   |
| 16   | 070401 | Plate, Cover                                            | 1   |
| 17   | 070529 | Assembly, Channel                                       | 1   |

# Polishing Skirt Assembly

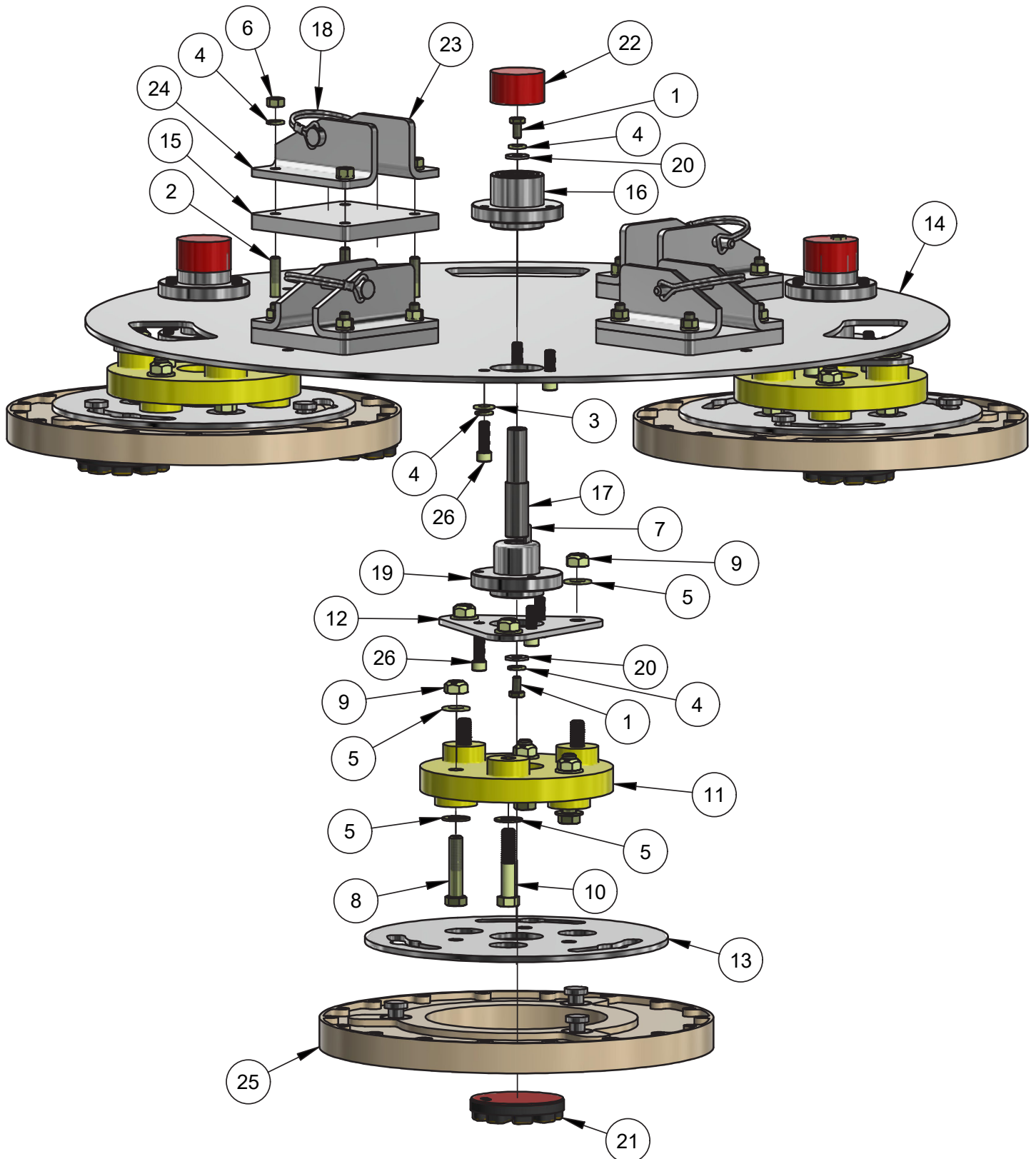
## SECTION 1 PARTS



| ITEM | PART # | DESCRIPTION                                                        | QTY |
|------|--------|--------------------------------------------------------------------|-----|
| -    | 070360 | Assembly, Skirt, Polisher                                          | -   |
| 1    | 010081 | Fastener, Washer, Flat, 1/4", Grade 8                              | 4   |
| 2    | 020542 | Fastener, Nut, Lock, 1/4"-20, Grade 8                              | 14  |
| 3    | 070354 | Fastener, Screw, Button Head, Flanged, 1/4"-20 x 3/4", Zinc Plated | 14  |
| 4    | 070356 | Clip, for Rubber Skirt Assembly                                    | 10  |
| 5    | 070357 | Skirt, for Polishing Trowel Edger                                  | 1   |
| 6    | 070358 | Clip, Bottom, Connecting                                           | 1   |
| 7    | 070359 | Clip, Top, Connecting                                              | 1   |

## SECTION 1 PARTS

## Polishing Disk Assembly



# Polishing Disk Assembly

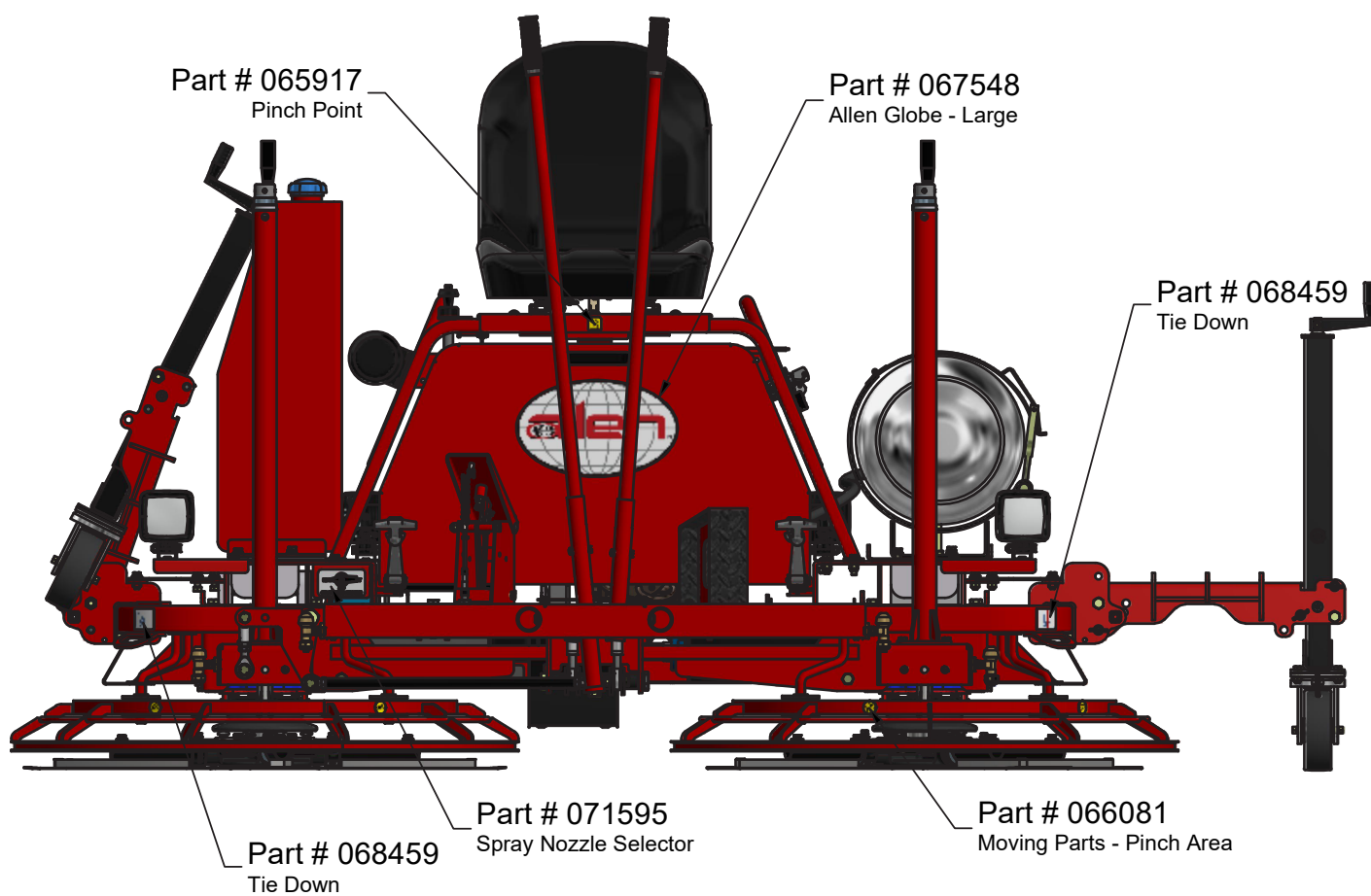
## SECTION 1 PARTS

| ITEM | PART # | DESCRIPTION                                | QTY |
|------|--------|--------------------------------------------|-----|
| -    | 070195 | Assembly, Polishing Disk                   | -   |
| 1    | 010001 | Fastener, HHCS, 1/4"-20 x 1/2", Grade 8    | 6   |
| 2    | 010022 | Fastener, HHCS, 5/16"-18 x 1-1/2", Grade 8 | 16  |
| 3    | 010082 | Fastener, Washer, Flat, 5/16, Grade 8      | 16  |
| 4    | 010090 | Fastener, Washer, Lock, 5/16", Grade 8     | 40  |
| 5    | 010096 | Fastener, Washer, Flat, 7/16", Grade 8     | 36  |
| 6    | 010100 | Fastener, Nut, Hex, 5/16"-18, Grade 8      | 16  |
| 7    | 015813 | Key, 3/16" x 1"                            | 3   |
| 8    | 062877 | Fastener, HHCS, 7/16"-14 x 2", Grade 8     | 9   |
| 9    | 064569 | Fastener, Nut, Stover, 7/16"-14, Grade 8   | 18  |
| 10   | 064712 | Fastener, HHCS, 7/16"-14 x 2-1/4", Grade 8 | 9   |
| 11   | 070188 | Coupler, Flex, Urathan                     | 3   |
| 12   | 070189 | Plate, Triangle                            | 6   |
| 13   | 070190 | Plate, Disk, Small                         | 6   |
| 14   | 070191 | Plate, Disk, Large                         | 2   |
| 15   | 070193 | Plate, Square,                             | 4   |
| 16   | 070198 | Assembly, Hub, with Bearing                | 3   |
| 17   | 070199 | Shaft, for Spindle Assembly                | 3   |
| 18   | 070200 | Pin, Locking, 5/16" x 2-1/8"               | 4   |
| 19   | 070201 | Hub, for Shaft Mount                       | 3   |
| 20   | 070202 | Fastener, Washer, Flat, 1/4", Zinc Plated  | 6   |
| 21   | 070203 | Puck, Grinding, 400 Grit, Diamond          | 18  |
| 22   | 070206 | Sleeve, Cap, 1-3/4" x 1", for Tube End     | 3   |
| 23   | 070208 | Angle, Left Hand                           | 4   |
| 24   | 070209 | Angle, Right Hand                          | 4   |
| 25   | 070510 | Plate, Mounting, for Grinding Puck         | 3   |
| 26   | 070533 | Fastener, SHCS, 5/16"-24 x 1", Zinc Plated | 18  |

# **SECTION 2 DECALS**

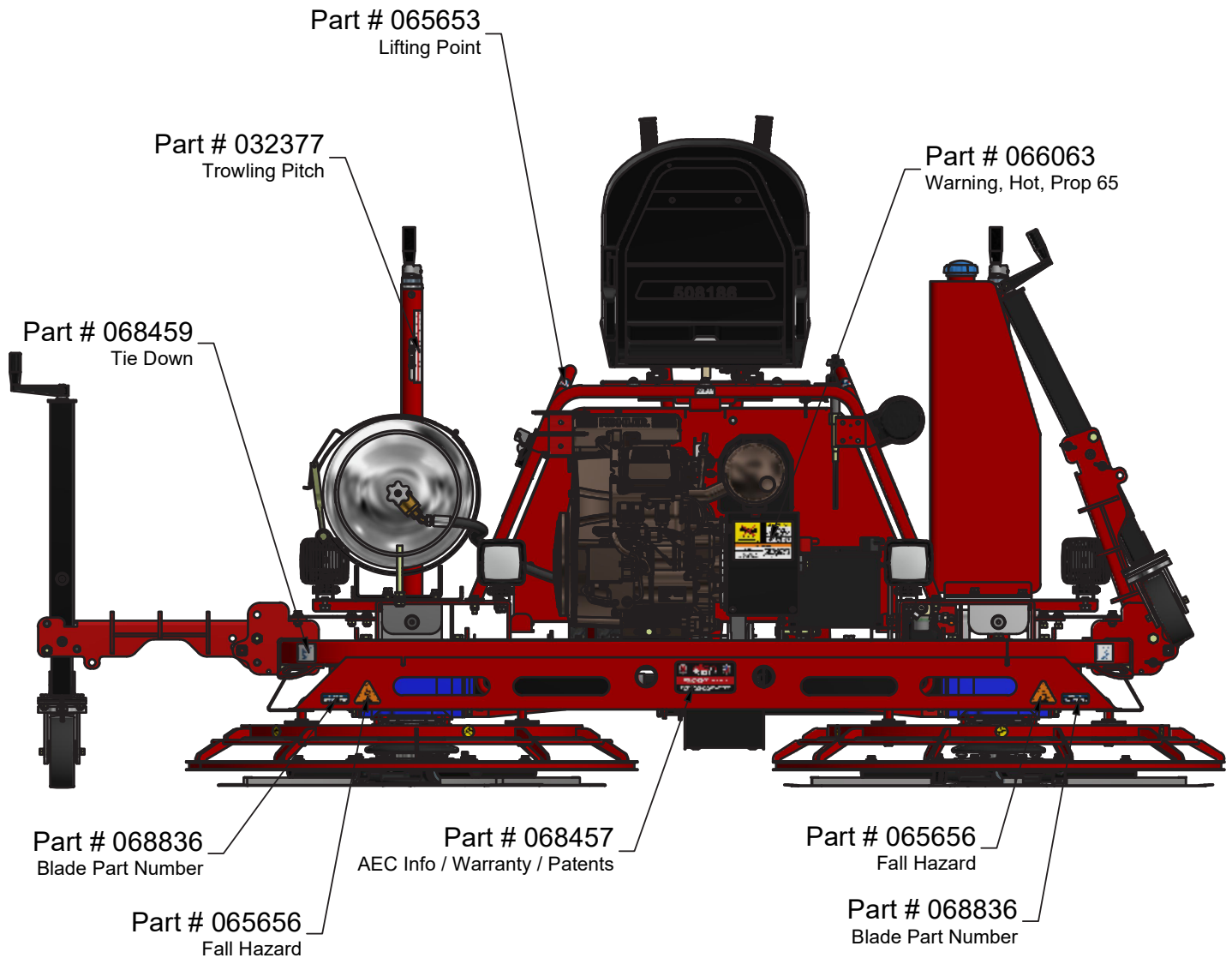
## Decals - Front (Kit # : 070620)

## SECTION 2 DECALS



## SECTION 2 DECALS

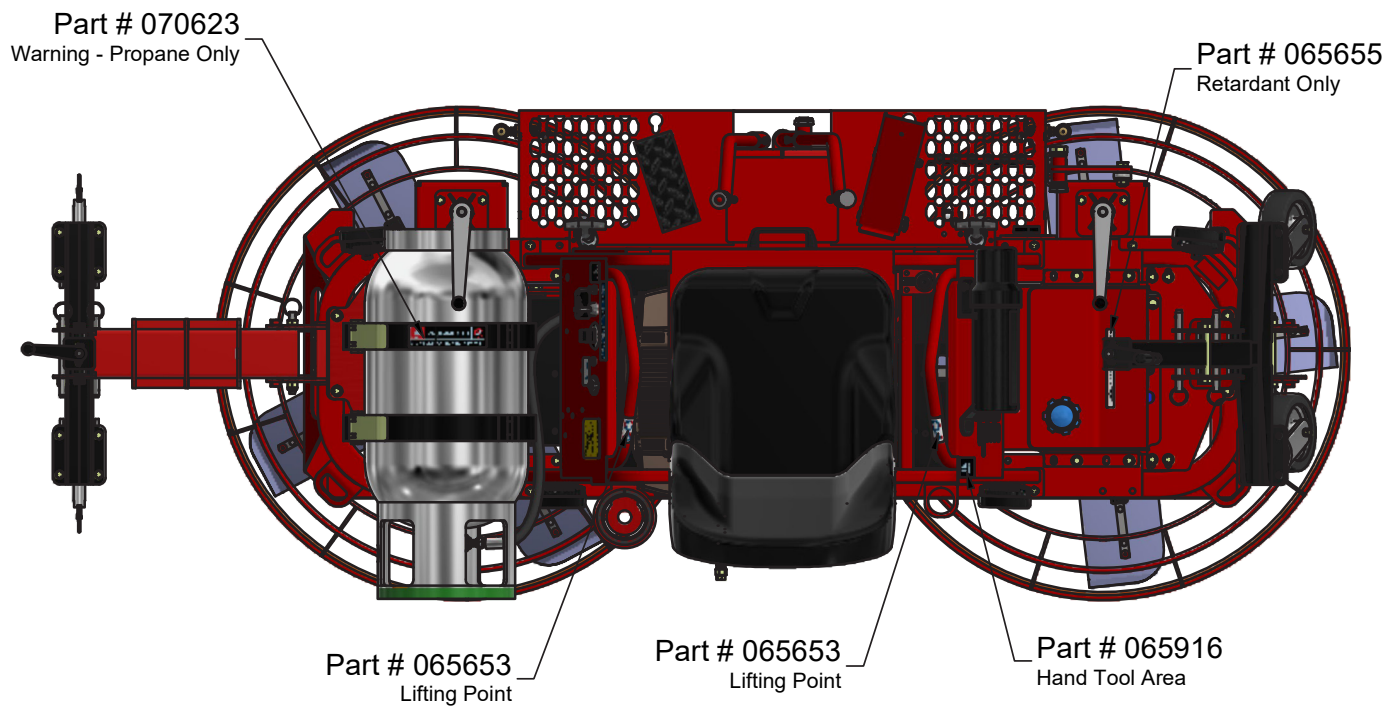
### Decals - Rear (Kit #: 070620)



Note: Part Numbers 071102 (EPA Decal) and 065965 (Serial Tag) are not shown. These decals are located on the bottom of the seat and are visible when the seat is lifted.

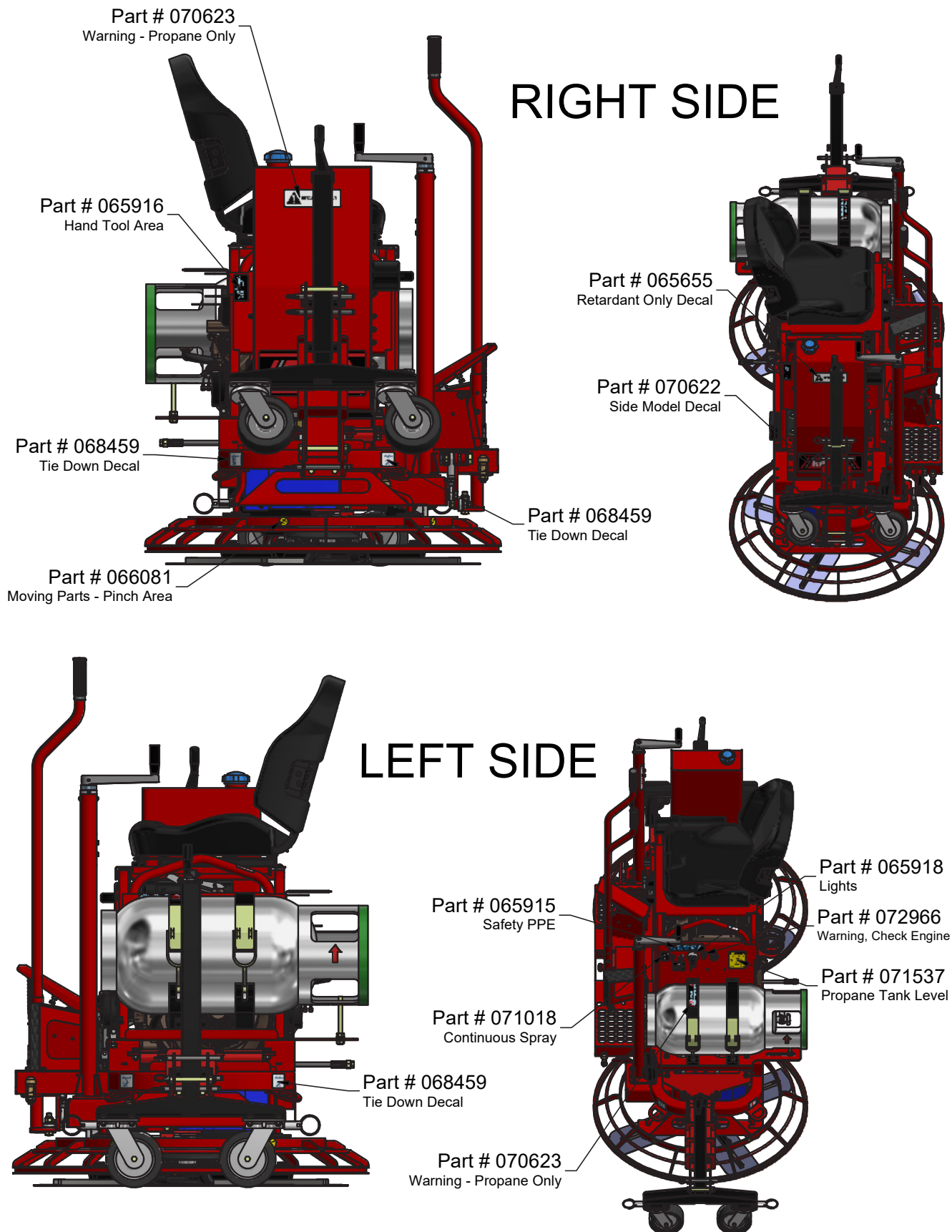
## Decals - Top (Kit # : 070620)

## SECTION 2 DECALS



## SECTION 2 DECALS

## Decals - Right / Left (Kit #: 070620)



## Revision Detail

### MANUAL REVISION DETAIL

| REVISION # | REVISION DATE | REVISION REFERENCE # | REVISION BY |
|------------|---------------|----------------------|-------------|
| -          | 06/20         | Initial Release      | MW          |
| A          | 02/21         | MN 21-002            | MW          |
| B          | 01/22         | Updated Cover        | MK          |

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With other Patents Pending.

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