



# Section 5

## SCHEMATICS

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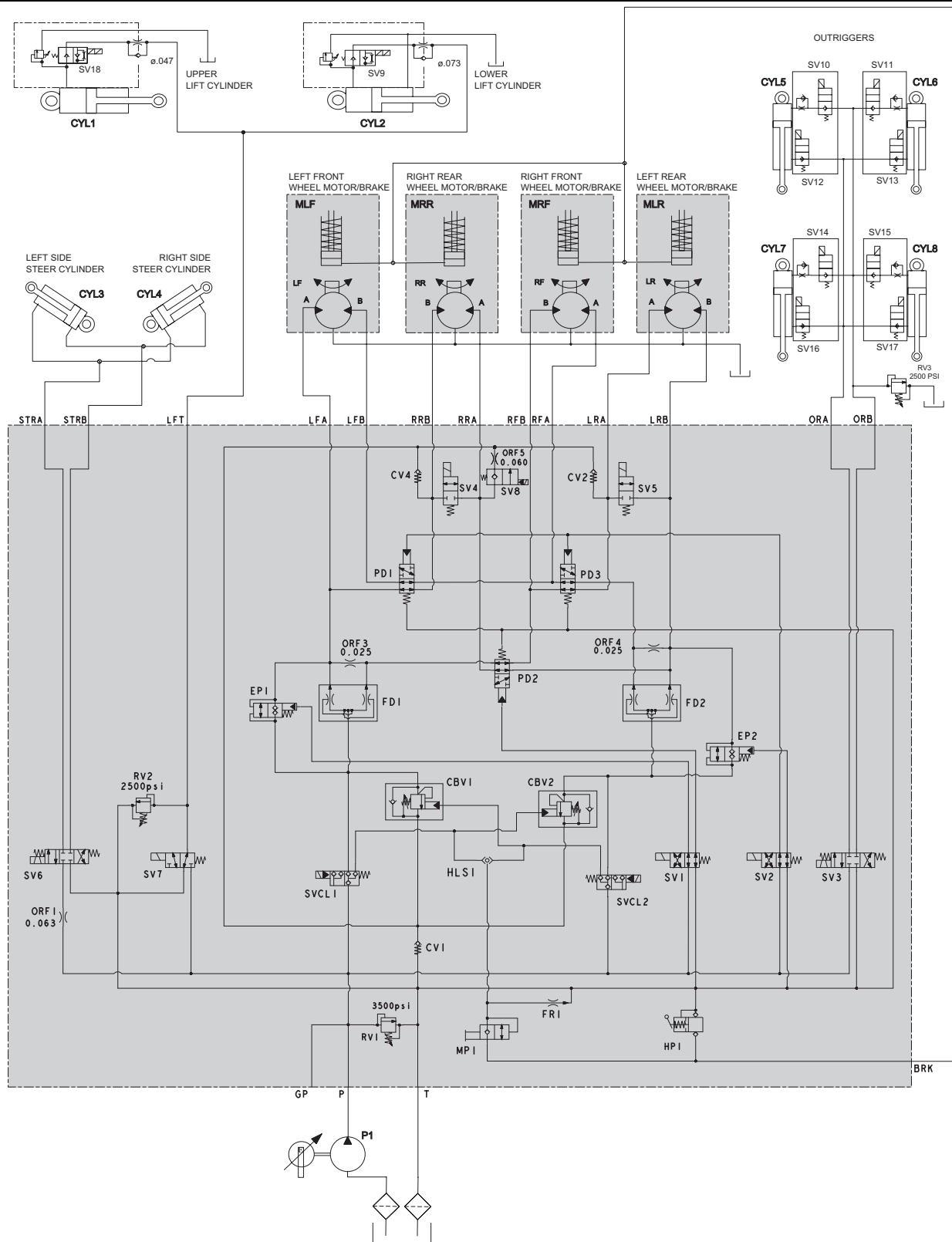
# HYDRAULIC SCHEMATICS TABLE

| Callout           | Description                          |
|-------------------|--------------------------------------|
| <b>CBV1, CBV2</b> | Counterbalance Valve, Drive          |
| <b>CV1</b>        | Check Valve                          |
| <b>CV2</b>        | Check Valve                          |
| <b>CV4</b>        | Check Valve                          |
| <b>CYL1</b>       | Cylinder, Upper Lift                 |
| <b>CYL2</b>       | Cylinder, Lower Lift                 |
| <b>CYL3-CYL4</b>  | Cylinder, Steer                      |
| <b>CYL5-8</b>     | Cylinder, Outtrigger                 |
| <b>EP1</b>        | Pilot Operated Valve, Mid Speed      |
| <b>EP2</b>        | Pilot Operated Valve, Low Speed      |
| <b>FD1</b>        | Flow Divider, Drive Mid & Low        |
| <b>FD2</b>        | Flow Divider, Drive Mid & Low        |
| <b>FR1</b>        | Flow Regulator Valve, Brake Apply    |
| <b>HLS1</b>       | Shuttle Valve, Brake Release         |
| <b>HP1</b>        | Hand Pump, Brake Release             |
| <b>MLF</b>        | Motor, Left Front                    |
| <b>MLR</b>        | Motor, Left Rear                     |
| <b>MP1</b>        | Manual Operated Valve, Brake Release |
| <b>MRF</b>        | Motor, Right Front                   |
| <b>MRR</b>        | Motor, Right Rear                    |
| <b>ORF1</b>       | Orifice, Steer Speed .063            |
| <b>ORF3</b>       | Orifice, Flow Divider Bypass.025     |

| Callout          | Description                                |
|------------------|--------------------------------------------|
| <b>ORF4</b>      | Orifice, Flow Divider Bypass.025           |
| <b>ORF5</b>      | Orifice, Bypass Control .060               |
| <b>P1</b>        | Pump                                       |
| <b>PD1</b>       | Pilot Operated Valve, High Torque Shift    |
| <b>PD2</b>       | Pilot Operated Valve, Mid Range Shift      |
| <b>PD3</b>       | Pilot Operated Valve, High Torque Shift    |
| <b>RV1</b>       | Relief Valve, Main                         |
| <b>RV2</b>       | Relief Valve, Lift                         |
| <b>SV1</b>       | Solenoid Valve, High Speed                 |
| <b>SV10-SV17</b> | Solenoid Valve, Outtrigger                 |
| <b>SV18</b>      | Solenoid Valve, Down Valve, Upper Lift Cyl |
| <b>SV2</b>       | Solenoid Valve, High Torque                |
| <b>SV3</b>       | Solenoid Valve, Outtrigger Directional     |
| <b>SV4</b>       | Solenoid Valve, Rear Wheel Bypass          |
| <b>SV5</b>       | Solenoid Valve, Rear Wheel Bypass          |
| <b>SV6</b>       | Solenoid Valve, Steer Directional          |
| <b>SV7</b>       | Solenoid Valve, Platform Lift              |
| <b>SV8</b>       | Solenoid Valve, Rear Wheel Bypass          |
| <b>SV9</b>       | Solenoid Valve, Down Valve, Lower Lift Cyl |
| <b>SVCL1</b>     | Solenoid Valve, Drive Forward              |
| <b>SVCL2</b>     | Solenoid Valve, Drive Reverse              |

# HYDRAULIC SCHEMATIC

Figure 5-1: Hydraulic Schematic



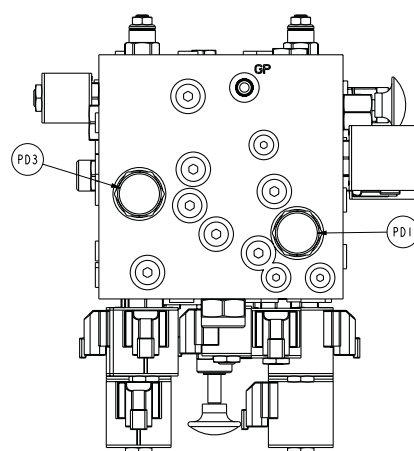
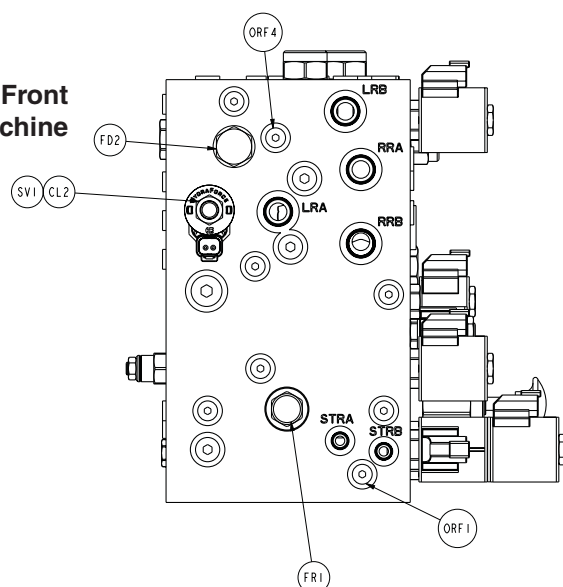
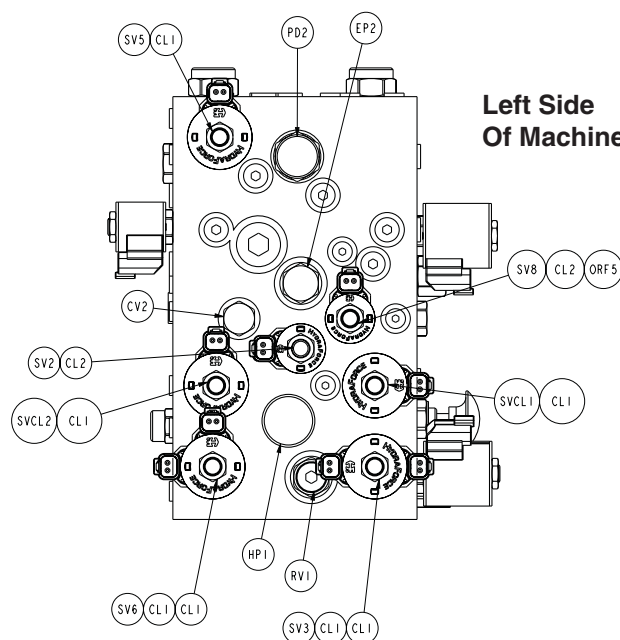
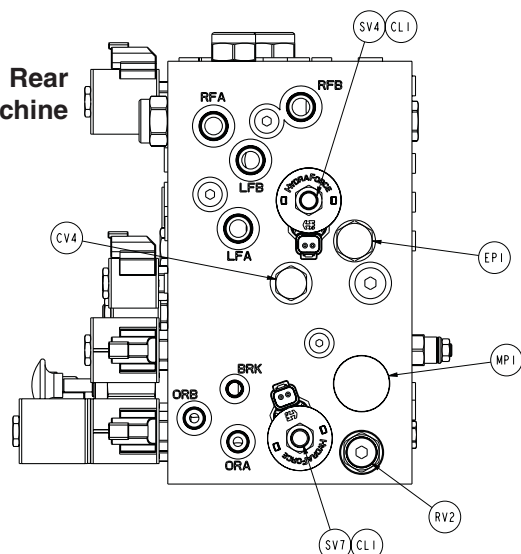
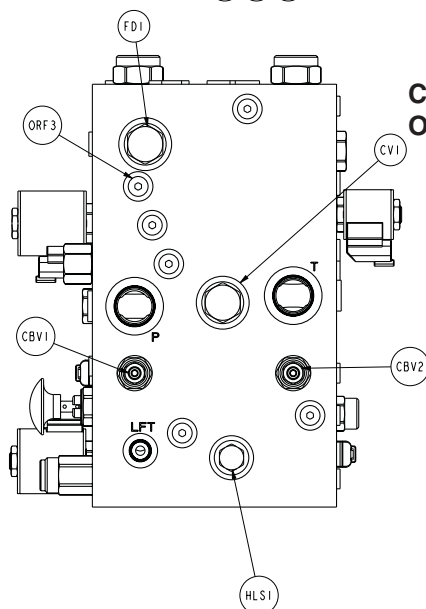
Hydraulic Schematic  
4069 ERT

**MEC**  
ILLUSTRATION No.  
ART\_4508

**Figure 5-2: Functions Manifold**

|     |                                        |
|-----|----------------------------------------|
| CL2 | COIL #10                               |
| CL1 | COIL #8                                |
| CV1 | CHECK VALVE - ANTI CAVITATION          |
| CV2 | CHECK VALVE - ANTI CAVITATION          |
| CV4 | CHECK VALVE - ANTI CAVITATION          |
| HP1 | HAND PUMP - BRAKE RELEASE              |
| SV1 | SOLENOID VALVE - HIGH SPEED            |
| SV2 | SOLENOID VALVE - HIGH TORQUE           |
| SV3 | SOLENOID VALVE - OUTRIGGER DIRECTIONAL |
| SV4 | SOLENOID VALVE - REAR WHEEL BYPASS     |
| SV5 | SOLENOID VALVE - REAR WHEEL BYPASS     |
| SV6 | SOLENOID VALVE - STEER DIRECTIONAL     |
| SV7 | SOLENOID VALVE - PLATFORM LIFT         |
| SV8 | SOLENOID VALVE - REAR WHEEL BYPASS     |
| FD1 | FLOW DIVIDER VALVE - DRIVE MID & LOW   |
| FD2 | FLOW DIVIDER VALVE - DRIVE MID & LOW   |
| MP1 | MANUAL OP. VALVE - BRAKE EMR. RELEASE  |

|       |                                     |
|-------|-------------------------------------|
| SVCL1 | SOLENOID VALVE - DRIVE FORWARD      |
| SVCL2 | SOLENOID VALVE - DRIVE REVERSE      |
| EP1   | PILOT OP. VALVE - MID SPEED         |
| EP2   | PILOT OP. VALVE - LOW SPEED         |
| RV1   | RELIEF VALVE - MAIN                 |
| RV2   | RELIEF VALVE - PLATFORM LIFT        |
| FR1   | FLOW REGULATING VALVE - BRAKE APPLY |
| HLS1  | SHUTTLE VALVE - BRAKE RELEASE       |
| ORF1  | ORIFICE - STEER SPEED CONTROL       |
| ORF3  | ORIFICE - FLOW DIVIDER BYPASS       |
| ORF4  | ORIFICE - FLOW DIVIDER BYPASS       |
| ORF5  | ORIFICE - BYPASS CONTROL            |
| PD1   | PILOT OP. VALVE - HIGH TORQUE SHIFT |
| PD2   | PILOT OP. VALVE - MID RANGE SHIFT   |
| PD3   | PILOT OP. VALVE - HIGH TORQUE SHIFT |
| CBV1  | COUNTERBALANCE VALVE - DRIVE        |
| CBV2  | COUNTERBALANCE VALVE - DRIVE        |

**Front  
Of Machine****Left Side  
Of Machine****Rear  
Of Machine****Center  
Of Machine**

**Functions Manifold**  
4069

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ART\_4471



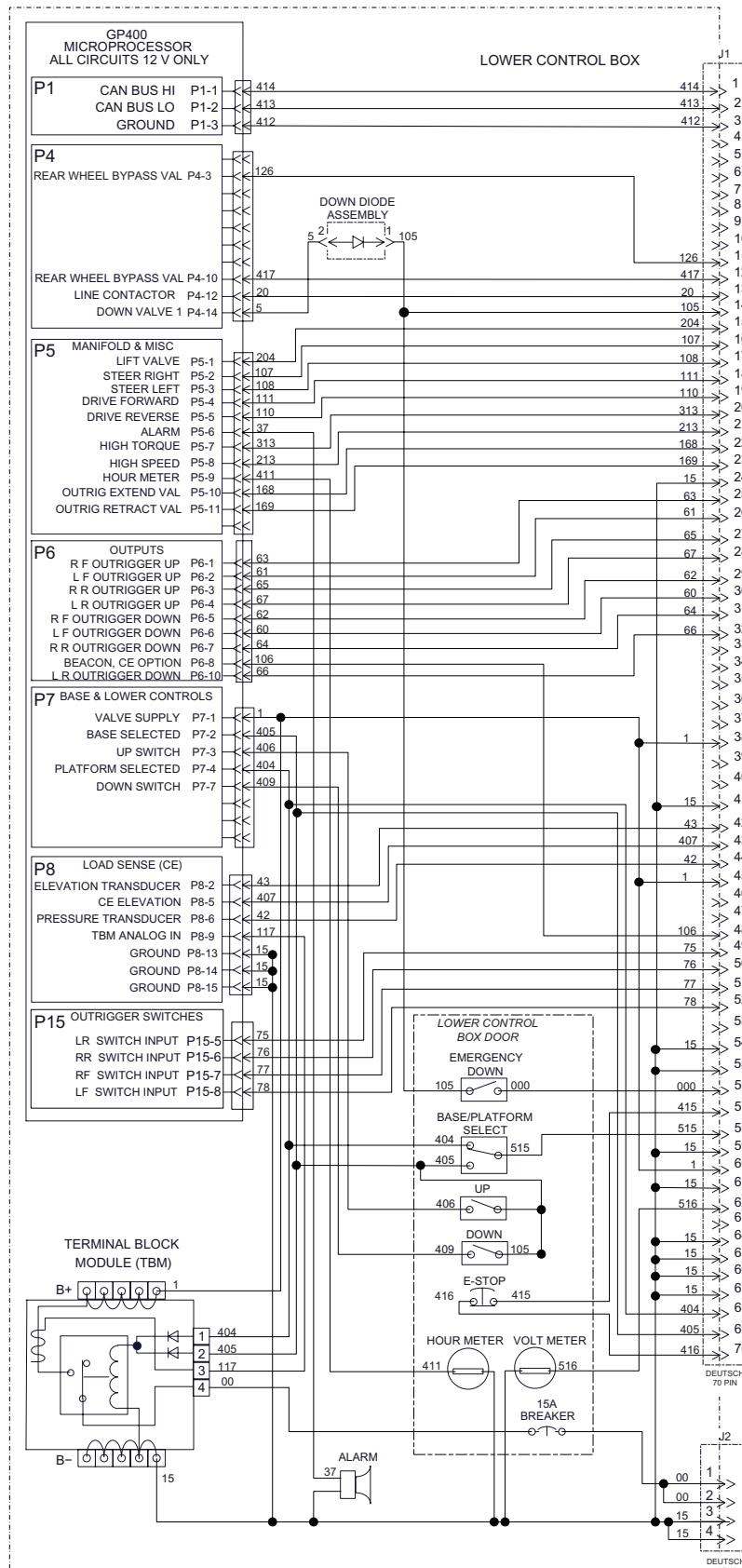
**NOTES:**

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# ELECTRICAL SCHEMATICS

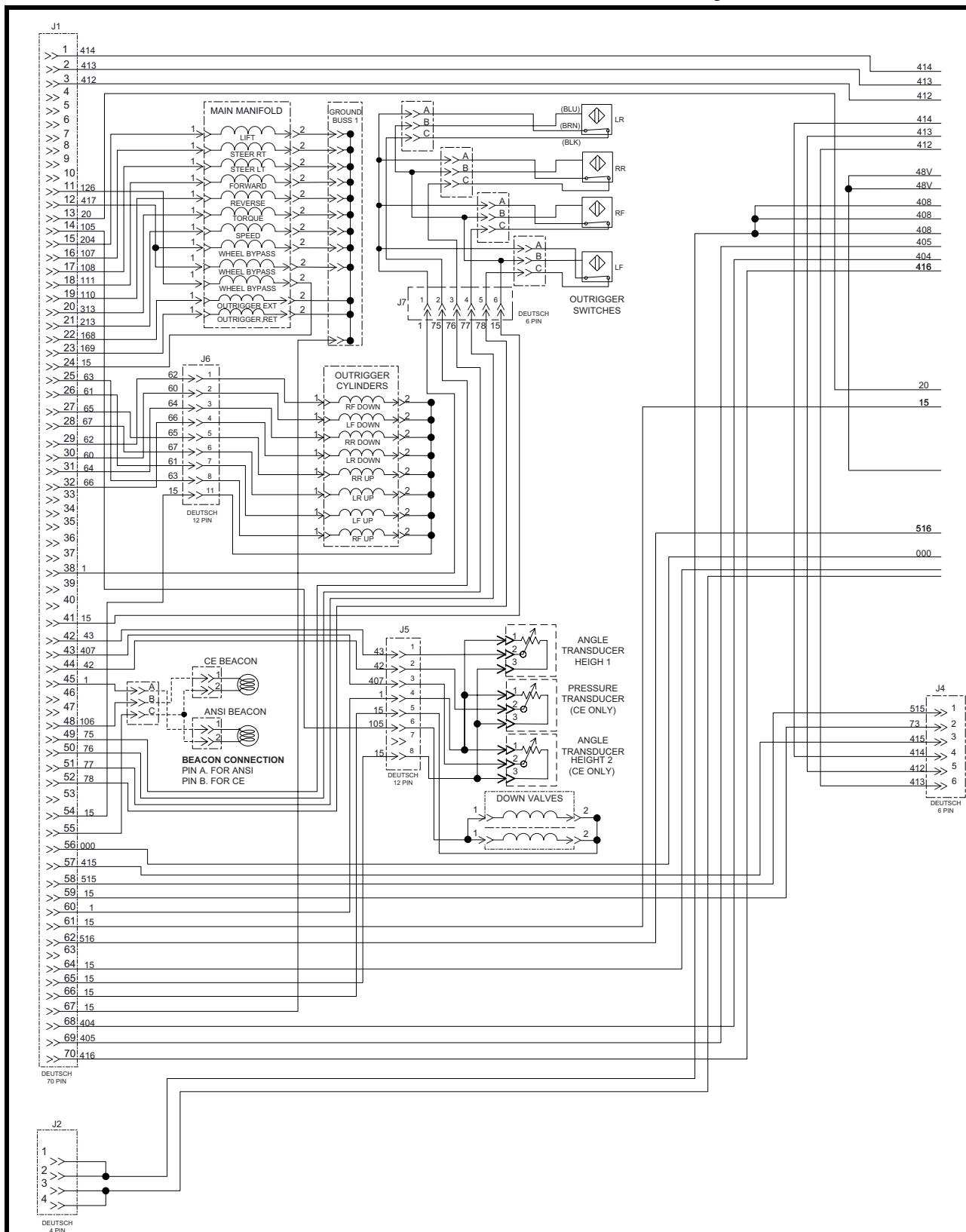
Figure 5-3: Electrical Schematic, 1 of 3



Electrical Schematic, 1 of 3  
 4069ERT

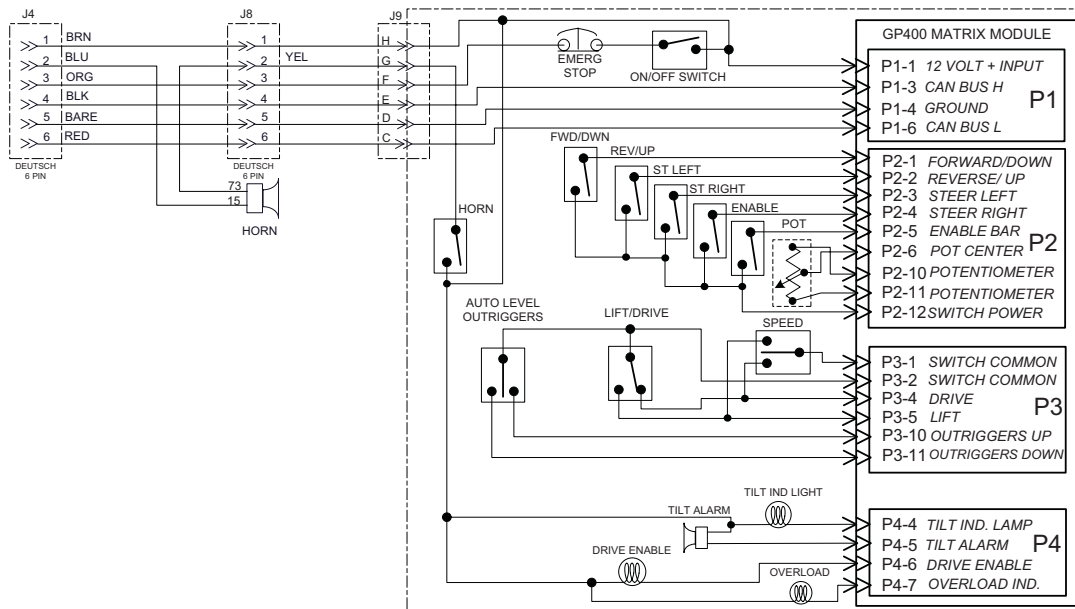
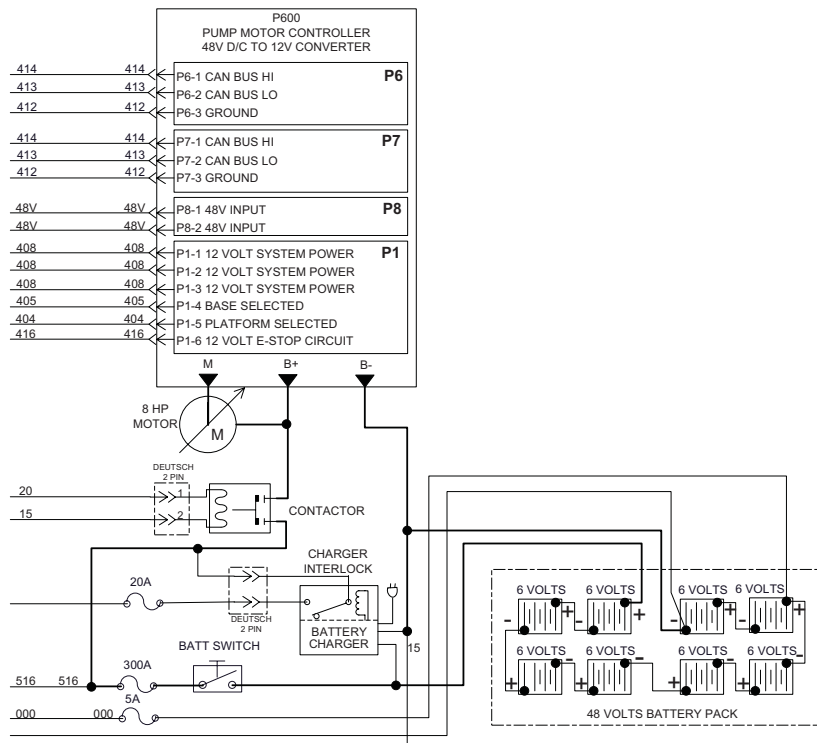
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 ART\_4509

Figure 5-4: Electrical Schematic, 2 of 3



Electrical Schematic, 2 of 3  
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**MEC**  
ILLUSTRATION No.  
ART\_4510



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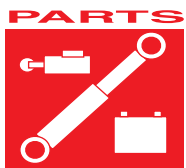
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# SECTION A

## CONTROLS

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\*Std Machine  
 -- Amber Lens  
 Optional Overload System  
 -- Red Lens

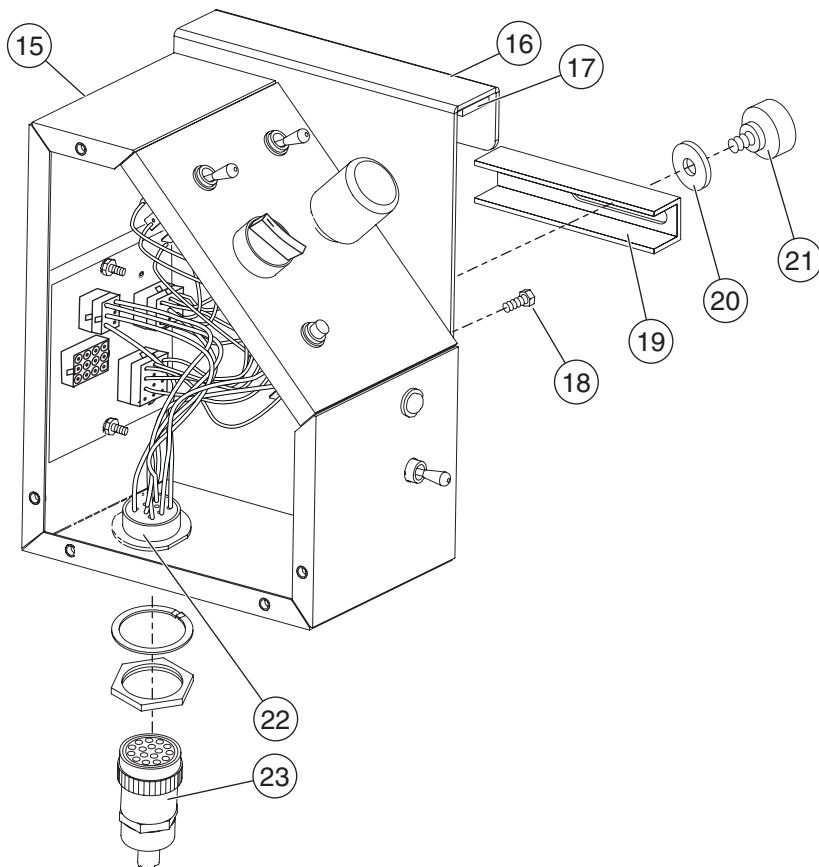
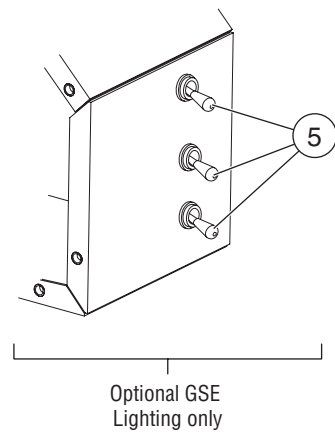
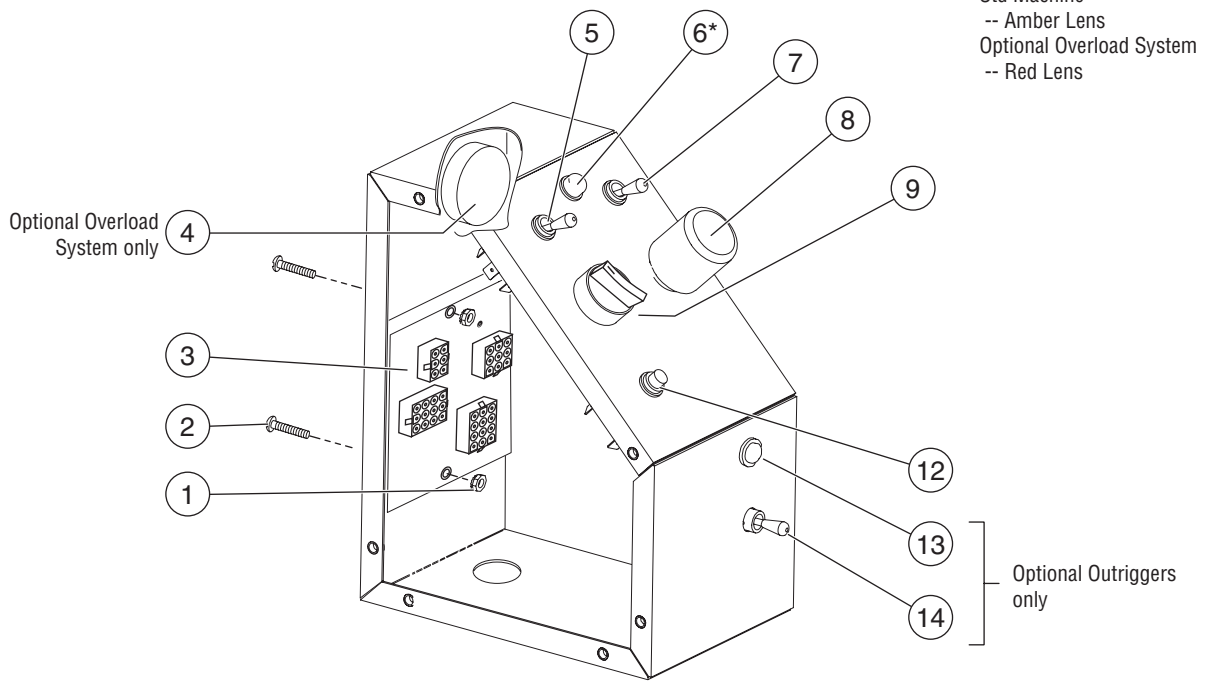


ILLUSTRATION No.  
 ART\_5001

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Upper Controls



## Platform Controls

| ITEM | PART NO. | QTY    | DESCRIPTION                                                                             |
|------|----------|--------|-----------------------------------------------------------------------------------------|
| --   | 89062    | --     | <b>Standard Machine</b> -- Upper Control Box Assembly - ERT - No Options                |
| --   | 89063    | --     | <b>Standard Machine</b> -- Upper Control Box Assembly - ERT - With Outriggers           |
| --   | 89064    | --     | <b>Standard Machine</b> -- Upper Control Box Assembly - ERT - With Horn                 |
| --   | 89065    | --     | <b>Standard Machine</b> -- Upper Control Box Assembly - ERT - With Outriggers + Horn    |
| --   | 89081    | --     | <b>Optional Overload Sensing System</b> -- Upper Control Box Assembly - No Options      |
| --   | 89082    | --     | <b>Optional Overload Sensing System</b> -- Upper Control Box Assembly - With Outriggers |
| --   | 89084    | --     | <b>Optional Overload Sensing System</b> -- Upper Control Box Assembly - GSE -           |
| 1    | HDW90803 | 2      | Nut                                                                                     |
| 2    | HDW90879 | 2      | Screw                                                                                   |
| 3    | 91663    | 1      | Matrix Module                                                                           |
| 4    | 7553     | 1      | <b>Optional Overload Sensing System</b> -- Alarm, Overload Warning                      |
| 5    | 6234     | 4      | Switch, Toggle, 2-Position                                                              |
| 6    | 9184     | 1      | <b>Std. Machine</b> -- Lens, Amber, Tilt Indicator                                      |
|      | 9183     | 1      | <b>Optional Overload Sensing System</b> -- Lens, Red, Overload Indicator                |
|      | 9188     | 1      | Light, Bayonet, 14 Volt                                                                 |
|      | 9179     | 1      | Socket, Indicator Light                                                                 |
| 7    | 6905     | 1      | Switch, Toggle, 3-Position                                                              |
| 8    | 7800     | 1      | Switch, Emergency Stop                                                                  |
| 9    | 91926    | 1      | Switch, Power                                                                           |
|      | 90714    | 1      | Switch Base                                                                             |
|      | 8082     | 1      | Contact Block, N.O.                                                                     |
| 10   | --       | --     | --                                                                                      |
| 11   | --       | --     | --                                                                                      |
| 12   | 8044     | 1      | Switch, Horn Button (Option)                                                            |
| 13   | 90789    | 1      | LED, Green, Drive Enabled (outrigger-equipped machines)                                 |
| 14   | 5694     | 1      | Switch, Toggle (outrigger-equipped machines)                                            |
| 15   | 16242    | 1      | Weldment, Control Box                                                                   |
| 16   | 13865    | 1      | Bracket, Control Box Holder                                                             |
| 17   | 6350     | 0.5 FT | Tape, Foam                                                                              |
| 18   | HDW5724  | 1      | Screw, 5/16-18                                                                          |
| 19   | 13864    | 1      | Bracket, Control Box Holder                                                             |
| 20   | 50350    | 1      | Washer, Flat                                                                            |
| 21   | 8826     | 1      | Thumb Screw, 5/16-18, Flower                                                            |
| 22   | REF      | 1      | Harness, Removable (See Wire Harness, Section F)                                        |
| 23   | REF      | 1      | Cable, Removable (See Wire Harness, Section F)                                          |

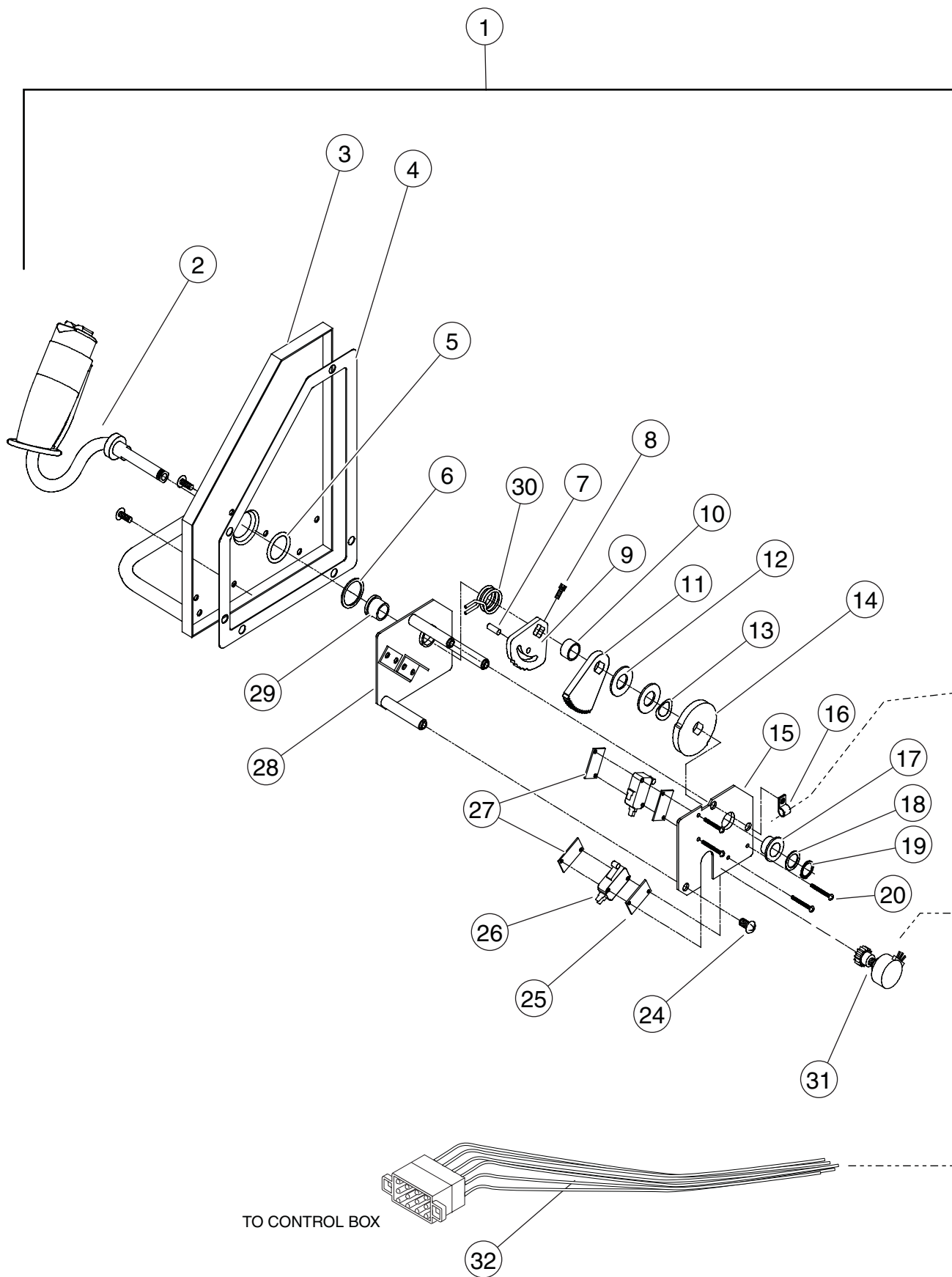
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• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only





TO CONTROL BOX

## Upper Control Box Cover Assembly

| ITEM | PART NO. | QTY | DESCRIPTION                                 |
|------|----------|-----|---------------------------------------------|
| 1    | 83076    | 1   | Control Box Cover Assembly                  |
| 2    | 92199    | 1   | Joystick Assembly                           |
| 3    | 3772     | 1   | Cover                                       |
| 4    | 7875     | 1   | Gasket                                      |
| 5    | 7882     | 1   | O-Ring                                      |
| 6    | HDW3768  | 1   | Washer, Flat                                |
| 7    | 1008348  | 1   | Pin, Hold Down                              |
| 8    | 50155    | 1   | Screw, 6-32 x 1/2 inch                      |
| 9    | 13502    | 1   | Bracket, Centering                          |
| 10   | 3763     | 1   | Spacer, Step                                |
| 11   | 13402    | 1   | Gear, large                                 |
| 12   | HDW8531  | 2   | Washer, Flat                                |
| 13   | HDW7881  | 1   | Washer, Bevel                               |
| 14   | 3782     | 1   | Cam, Directional                            |
| 15   | 13403    | 1   | Plate, Bottom                               |
| 16   | 6917     | 1   | Clamp, Cable, 1/4 inch                      |
| 17   | 7818     | 1   | Bearing, Bronze, Flanged                    |
| 18   | HDW3771  | 1   | Washer, Flat                                |
| 19   | 5736     | 1   | Ring, Retaining, 1/2 inch                   |
| 20   | 50139    | 4   | Screw, 4-40 x 5/8 inch                      |
| 21   | --       | --  | --                                          |
| 22   | --       | --  | --                                          |
| 23   | --       | --  | --                                          |
| 24   | 50191    | 12  | Screw, 10-32 x 1/2 inch                     |
| 25   | 3764     | 2   | Plate, Spacer                               |
| 26   | 8696     | 2   | Switch, Limit, Micro V7                     |
| 27   | 3765     | 2   | Plate, Strap                                |
| 28   | 3766     | 1   | Plate, Top                                  |
| 29   | 7819     | 1   | Bearing, Bronze, Flanged                    |
| 30   | 8435     | 1   | Spring, Joystick Centering                  |
| 31   | 91824    | 1   | Potentiometer Assembly                      |
| 32   | REF      | 1   | Wire Harness, (see Wire Harness, Section F) |

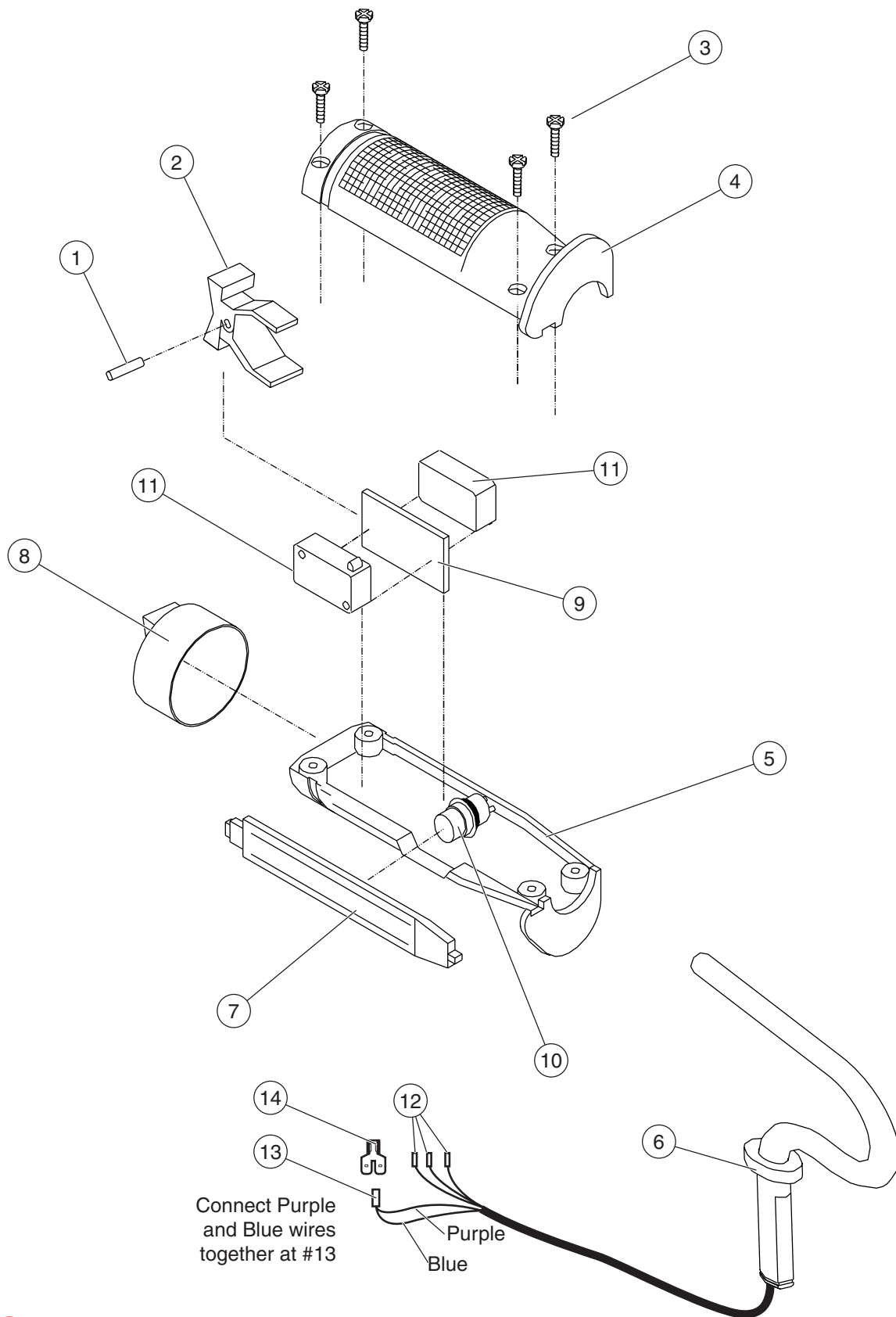


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• INCL: Included with assembly

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Control Arm (Joystick)



ILLUSTRATION No.  
ART\_2221 R1

Reference: ART\_188



## Upper Control Joystick

| ITEM | PART NO. | QTY | DESCRIPTION                                                                         |
|------|----------|-----|-------------------------------------------------------------------------------------|
| --   | 92199    | --  | Joystick Assembly                                                                   |
| --   | 8630     | --  | Joystick Assembly without Control Arm (#6)                                          |
| 1    | 8750     | 1   | Pin                                                                                 |
| 2    | 8453     | 1   | Switch Actuator                                                                     |
| 3    | HDW8455  | 4   | Screw                                                                               |
| 4    | 8752     | 1   | Grip, Top Half                                                                      |
| 5    | 8751     | 1   | Grip, Bottom Half                                                                   |
| 6    | 13638    | 1   | Control Arm without wire                                                            |
| 7    | 8748     | 1   | Trigger                                                                             |
| 8    | 8456     | 1   | Rocker Boot                                                                         |
| 9    | 8447     | 1   | Switch Separator                                                                    |
| 10   | 8753     | 1   | Motion Switch, OFF-ON                                                               |
| 11   | 8448     | 2   | Switch                                                                              |
| 12   | 91839    | 3   | Amp Socket                                                                          |
| 13   | 92194    | 1   | Push Connector, 3/16"                                                               |
| 14   | 92198    | 1   | Adapter, 2-to-1                                                                     |
| --   | 8761     | --  | Switch Assembly (not shown) -- includes item #9, item #11 (x2), wire and connectors |



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• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



## Base Controls

## Base Controls

| ITEM | PART NO. | QTY | DESCRIPTION                                       |
|------|----------|-----|---------------------------------------------------|
| --   | REF      | --  | Harness -- See Section F                          |
| 1    | 9549     | 1   | Switch, 3-Position, Keyed                         |
| 2    | 91667    | 2   | Switch, Button, Green                             |
| 3    | 7800     | 1   | Switch, Emergency Stop                            |
| 4    | 91704    | 1   | Hour Meter                                        |
| 5    | 91744    | 1   | Battery Charge Indicator                          |
| 6    | --       | --  | --                                                |
| 7    | 7235     | 1   | Circuit Breaker                                   |
| 8    | 5630     | 1   | Switch, Toggle, 1 Pole 2 Position, Emergency Down |
| 9    | 1313     | 1   | Switch Guard                                      |
| 10   | 91659    | 1   | System Controller, GP400                          |
| 11   | 50229    | 6   | Screw, 10-24 x 1.00                               |
| 12   | 50230    | 6   | Nut, 10-24 Nylock                                 |
| 13   | 91887    | 1   | Deutsch Connector, DRC 12 70P                     |
| 14   | 50233    | 6   | Screw, 8-32 x 1.00                                |
| 15   | 50231    | 6   | Nut, 8-32 Nylock                                  |
| 16   | 8082     | 6   | Contact Block, N. O.                              |
| 17   | 90714    | 6   | Contact Base                                      |
| 18   | 91711    | 1   | Alarm, 107dB                                      |
| 19   | 17082    | 1   | Bracket, Alarm Mount                              |
| 20   | 91838    | 1   | Terminal Block Module (TBM)                       |
| 21   | 91290    | 1   | Deutsch Connection, DT14-4P-L012                  |
| 22   | 92016C   | 1   | Control Box                                       |
| 23   | 91921    | 1   | Lanyard                                           |



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• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

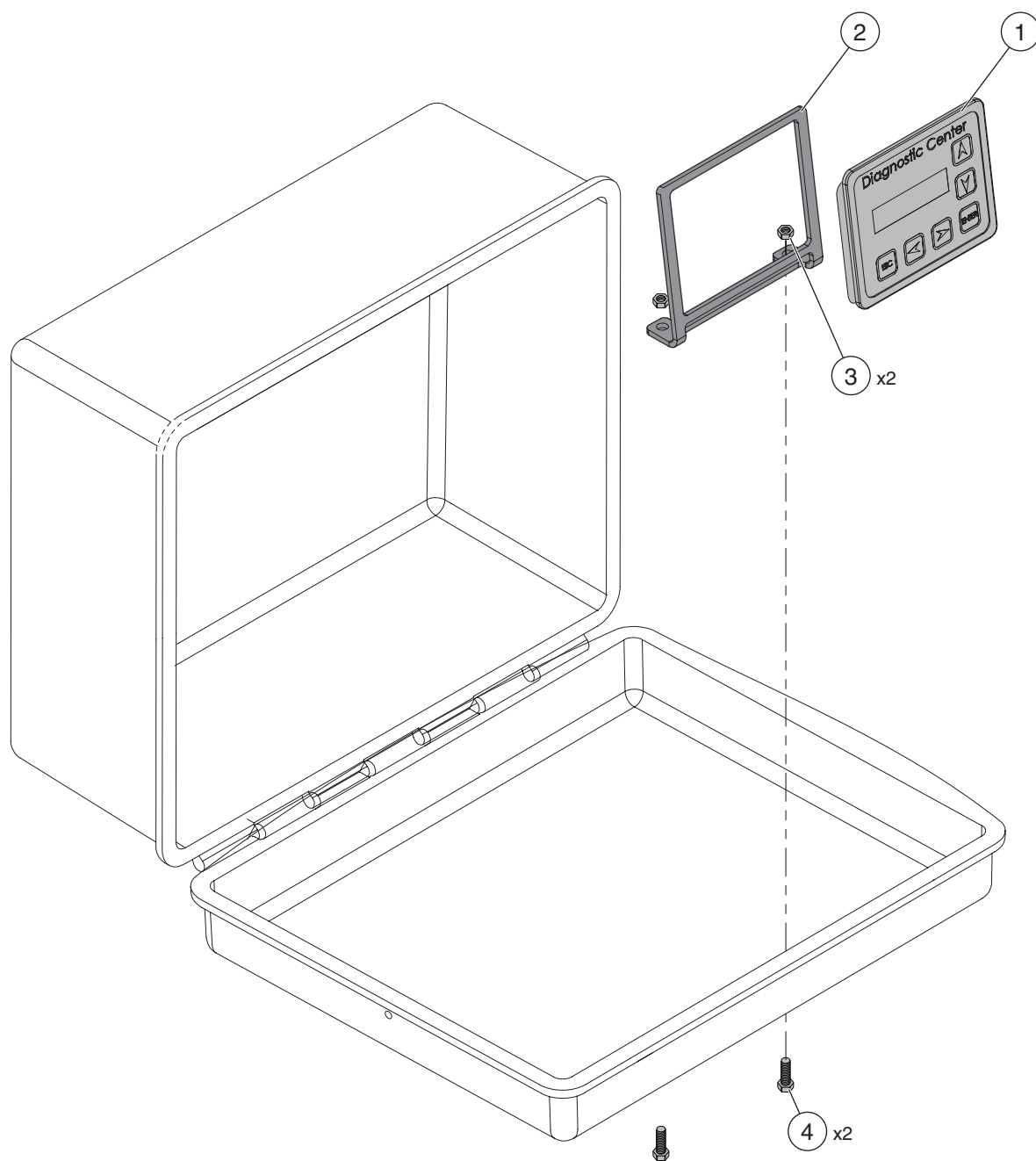


ILLUSTRATION No.  
ART\_4465

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OPTION -- Onboard Diagnostic Center



## Option -- Onboard Diagnostic Center

| ITEM | PART NO. | QTY | DESCRIPTION                         |
|------|----------|-----|-------------------------------------|
| 1    | 92003    | 1   | Onboard Diagnostic Center           |
| 2    | 26571    | 1   | Bracket, Onboard Diagnostics Center |
| 3    | 50422    | 2   | Screw, Button Head Cap M6 x 18      |
| 4    | 50047    | 2   | Nut, M6 Nylock                      |



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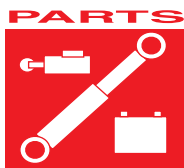
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**NOTES:**

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# SECTION B

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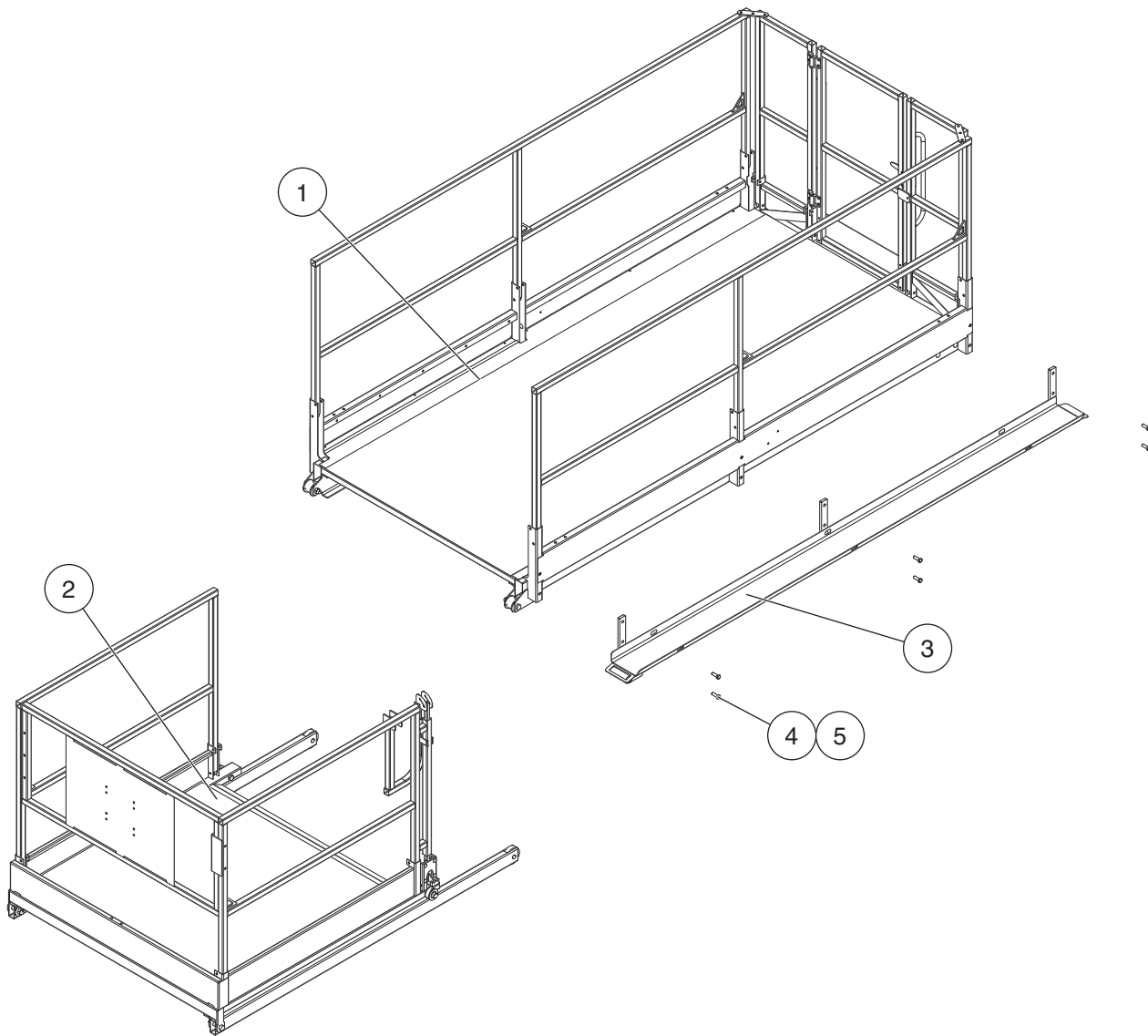


ILLUSTRATION No.  
ART\_4459

4069

Platform Assembly

## Platform Assembly

| ITEM | PART NO. | QTY | DESCRIPTION             |
|------|----------|-----|-------------------------|
| 1    | 89014    | 1   | Main Platform Assembly  |
| 2    | 89015    | 1   | Deck Extension Assembly |
| 3    | 89009    | 1   | Sheet Materials Rack    |
| --   | 26382    | 1   | Roller                  |
| --   | 50361    | 1   | Bolt, Roller, M8 x 140  |
| --   | 50048    | 1   | Nut, Roller, M8 Nylock  |
| 4    | 50040    | 6   | Bolt, M12 x 35          |
| 5    | 50050    | 6   | Nut, M12 Nylock         |

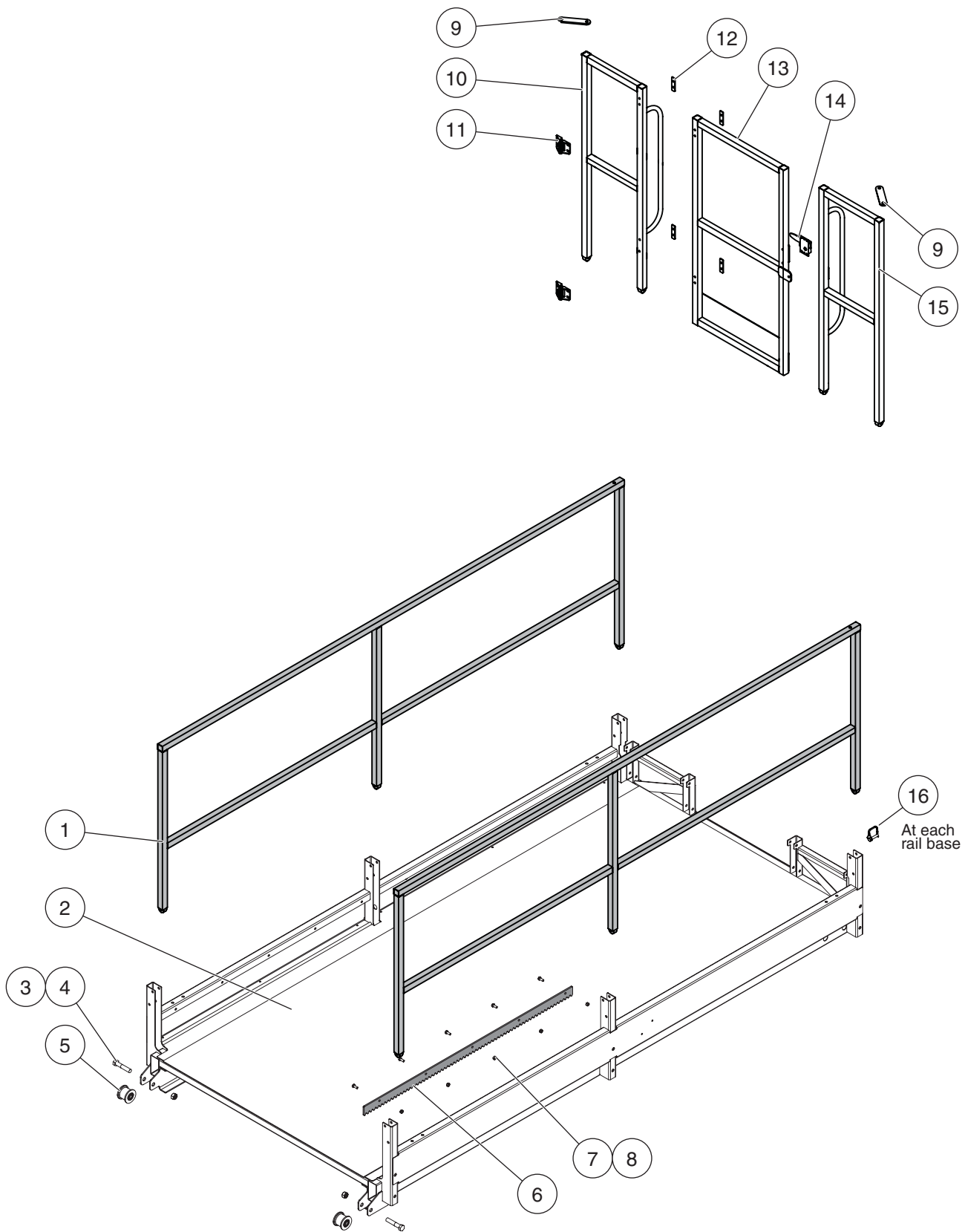


• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



## Main Platform

| ITEM | PART NO. | QTY | DESCRIPTION                                |
|------|----------|-----|--------------------------------------------|
| 1    | 21386    | 2   | Side Rail                                  |
| 2    | 21373    | 1   | Main Platform Weldment, without deck plate |
| --   | 21389    | 1   | Main Platform Deck Plate                   |
| 3    | 50512    | 2   | Bolt, 5/8 x 3.25                           |
| 4    | 50398    | 2   | Nut, 5/8 Nylock                            |
| 5    | 87125    | 2   | Roller                                     |
| 6    | 26564    | 1   | Lock Plate                                 |
| 7    | 50030    | 5   | Bolt, M8 x 20                              |
| 8    | 50048    | 5   | Nut, M8 Nylock                             |
| 9    | 26566    | 2   | Corner Brace                               |
| 10   | 21391    | 1   | Right Side Rear Rail                       |
| 11   | 91888    | 2   | Hinge                                      |
| 12   | 19239    | 4   | Backup Plate                               |
| 13   | 26342    | 1   | Personnel Gate, without toe board          |
| --   | 26347    | 1   | Gate Toe Board                             |
| 14   | 92836    | 1   | Gate Latch                                 |
| 15   | 21390    | 1   | Left Side Rear Rail                        |
| 16   | 50182    | 10  | Spring Clip                                |

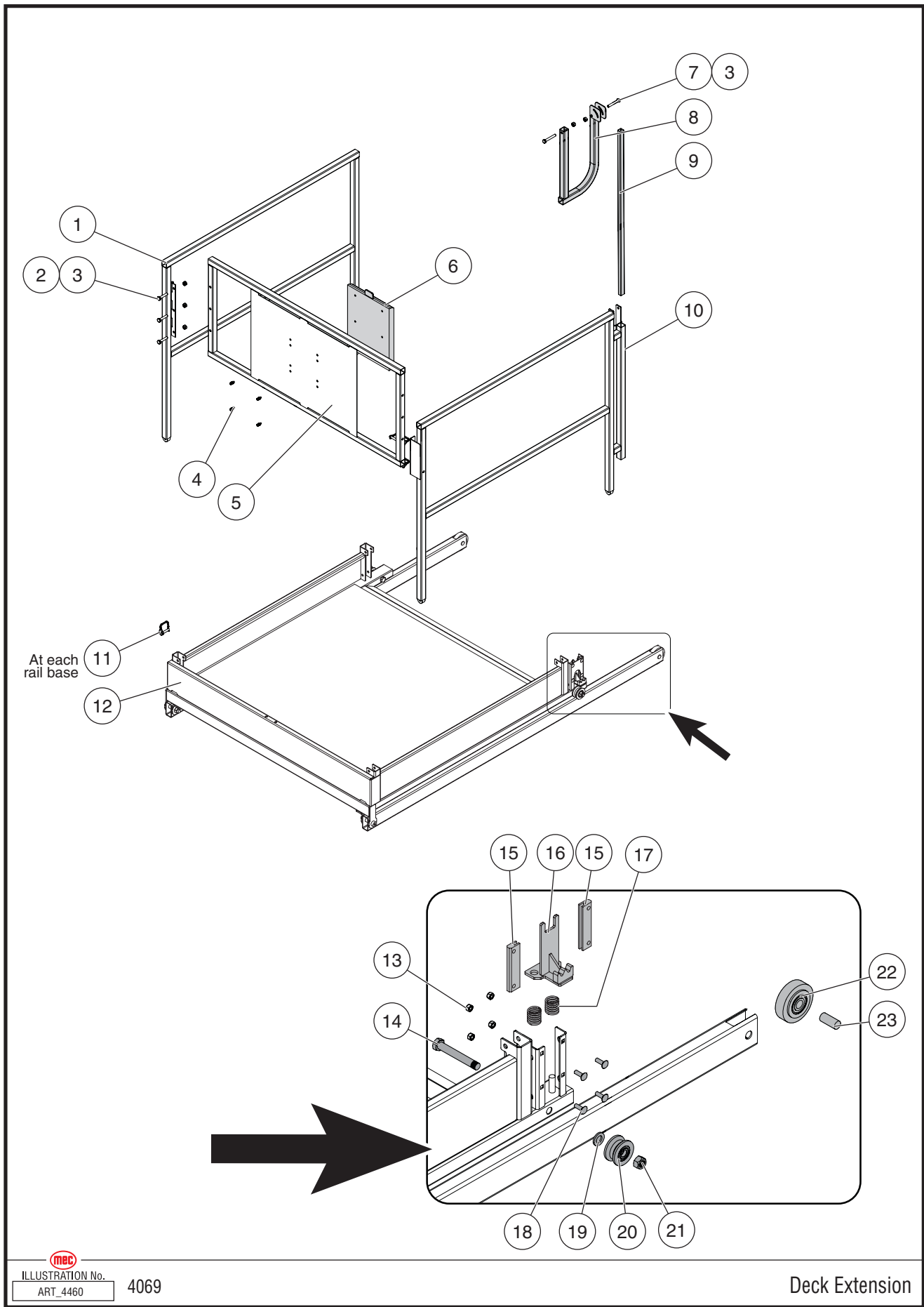


• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only





## Deck Extension

| ITEM | PART NO. | QTY | DESCRIPTION                                 |
|------|----------|-----|---------------------------------------------|
| 1    | 26348    | 1   | Right Side Rail Weldment                    |
| 2    | 50020    | 3   | Bolt, M10 x 50                              |
| 3    | 50049    | 5   | Nut, M10 Nylock                             |
| 4    | 50028    | 4   | Bolt, M6 x 20                               |
| --   | 50000    | 4   | Washer, M6 std.                             |
| --   | 50047    | 4   | Nut, M6 Nylock                              |
| 5    | 21394    | 1   | Front Rail Weldment                         |
| 6    | 8909     | 1   | Manual Box                                  |
| 7    | 50022    | 2   | Bolt, M10 x 70                              |
| 8    | 26560    | 1   | Extension Handle                            |
| 9    | 26433    | 1   | Extension Release Bar                       |
| 10   | 26352    | 1   | Left Side Rail Weldment                     |
| 11   | 50182    | 4   | Spring Clip                                 |
| 12   | 21374    | 1   | Deck Extension Weldment, without deck plate |
| --   | 21466    | 1   | Deck Extension Deck Plate                   |
| 13   | 50048    | 4   | Nut, M8 Nylock                              |
| 14   | 50397    | 2   | Bolt, 5/8 x 4.5                             |
| 15   | 26239    | 2   | Deck Release Guide                          |
| 16   | 26326    | 1   | Deck Release Weldment                       |
| 17   | 92866    | 2   | Spring                                      |
| 18   | 50418    | 4   | Carriage Bolt, M8 x 25                      |
| 19   | 50004    | 2   | Washer M16 Std.                             |
| 20   | 87125    | 2   | Roller                                      |
| 21   | 50398    | 2   | Nut, 5/8 Nylock                             |
| 22   | 87124    | 2   | Roller                                      |
| 23   | 26450    | 2   | Pin                                         |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

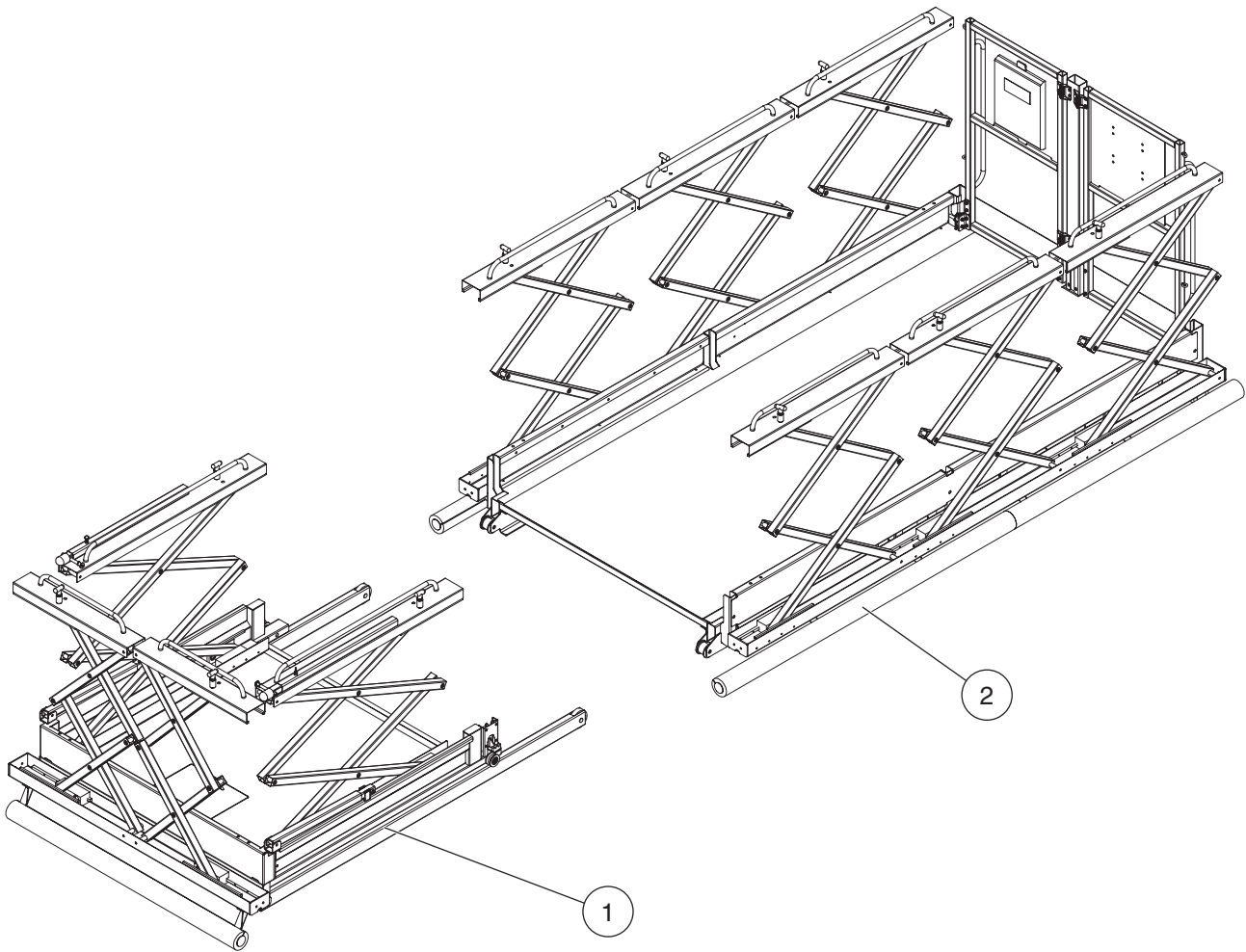


ILLUSTRATION No.  
ART\_4454

4069

OPTION -- GSE Platform

## OPTION -- GSE Platform

| ITEM | PART NO. | QTY | DESCRIPTION               |
|------|----------|-----|---------------------------|
| --   | 21618    | --  | Platform, 4069 GSE Option |
| 1    | 21617    | 1   | Deck Extension            |
| 2    | 21615    | 1   | Main Platform             |

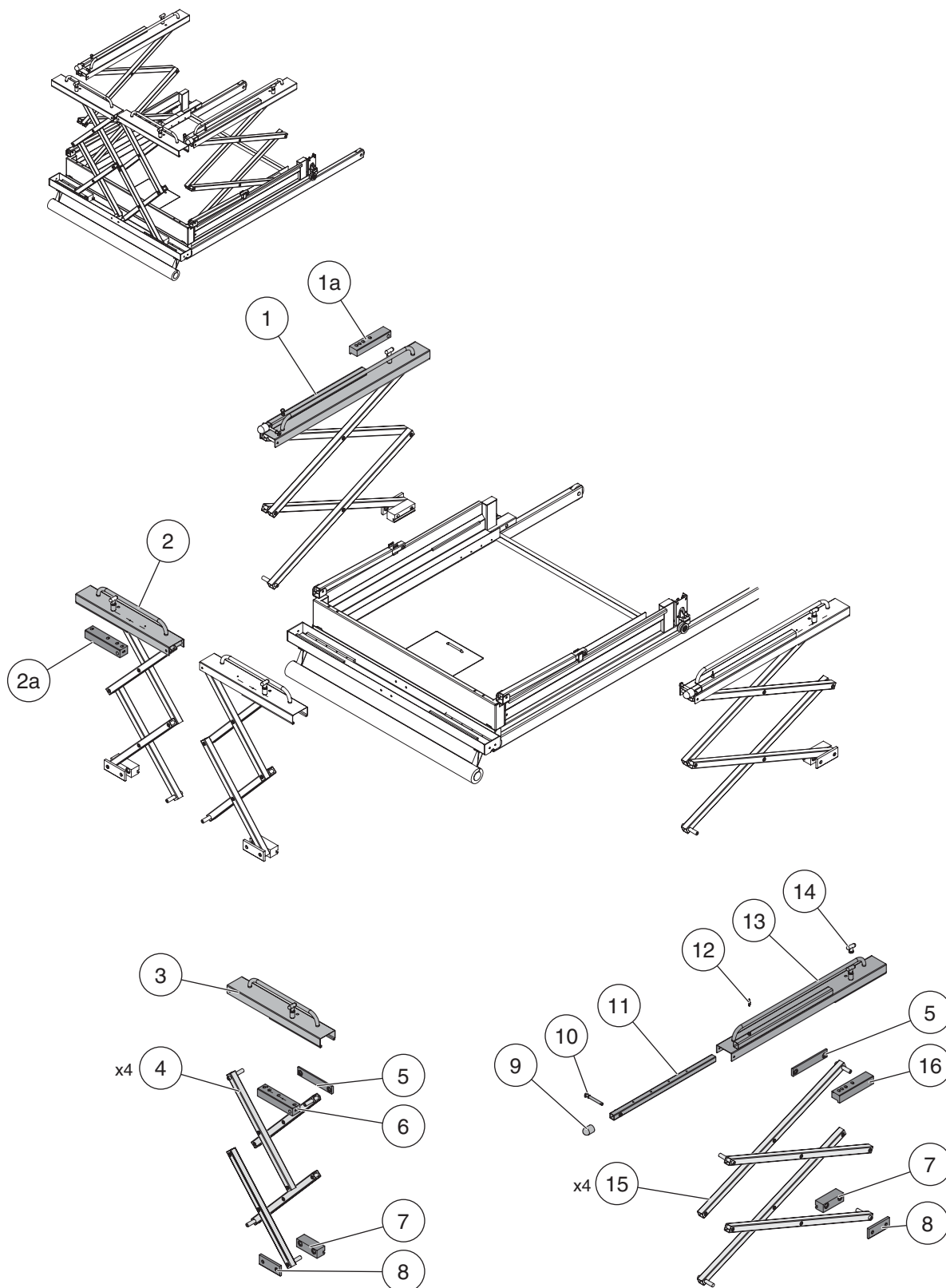


• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



## OPTION -- GSE Deck Extension, 1 of 2

| ITEM | PART NO. | QTY | DESCRIPTION                     |
|------|----------|-----|---------------------------------|
| 1    | 21575    | 1   | Right Side Top Tray             |
| 1a   | 21510    | 1   | Wear Pad, Large, Right Side Top |
| 2    | 21577    | 1   | Right Front Top Tray            |
| 2a   | 21512    | 1   | Wear Pad, Top Front Right       |
| 3    | 21578    | 1   | Left Front Top Tray             |
| 4    | 21521    | 8   | Front Beam                      |
| 5    | 21507    | 2   | Front Wear Pad, Small           |
| 6    | 21513    | 1   | Wear Pad, Top Front Left        |
| 7    | 21505    | 4   | Wear Pad, Bottom large          |
| 8    | 21506    | 4   | Wear Pads, Bottom Small         |
| 9    | 93450    | 2   | Rubber Cap                      |
| 10   | 93400    | 2   | Pin                             |
| 11   | 21609    | 2   | Slide Tube                      |
| 12   | 93399    | 2   | Pull Pin                        |
| 13   | 21576    | 1   | Left Side Top Tray              |
| 14   | 93359    | 4   | T-Handle                        |
| 15   | 21520    | 8   | Side Beam                       |
| 16   | 21511    | 1   | Wear Pad, Large, Left Side Top  |



• as req: as required

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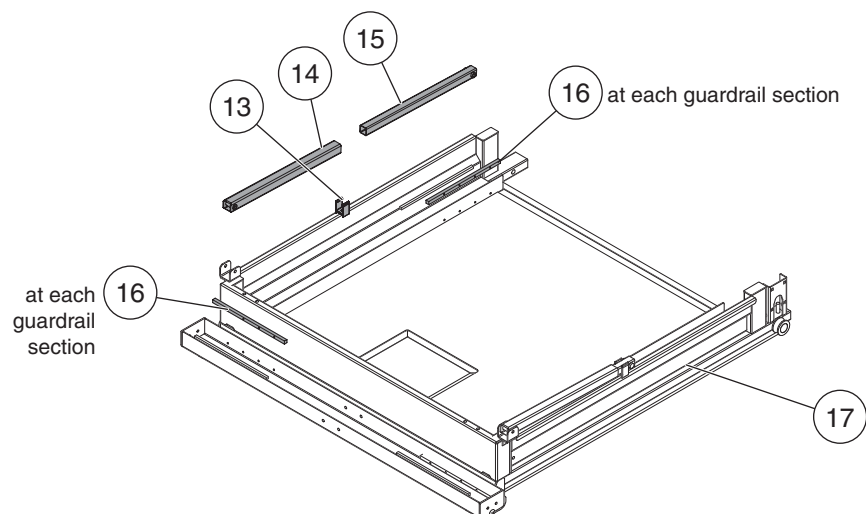
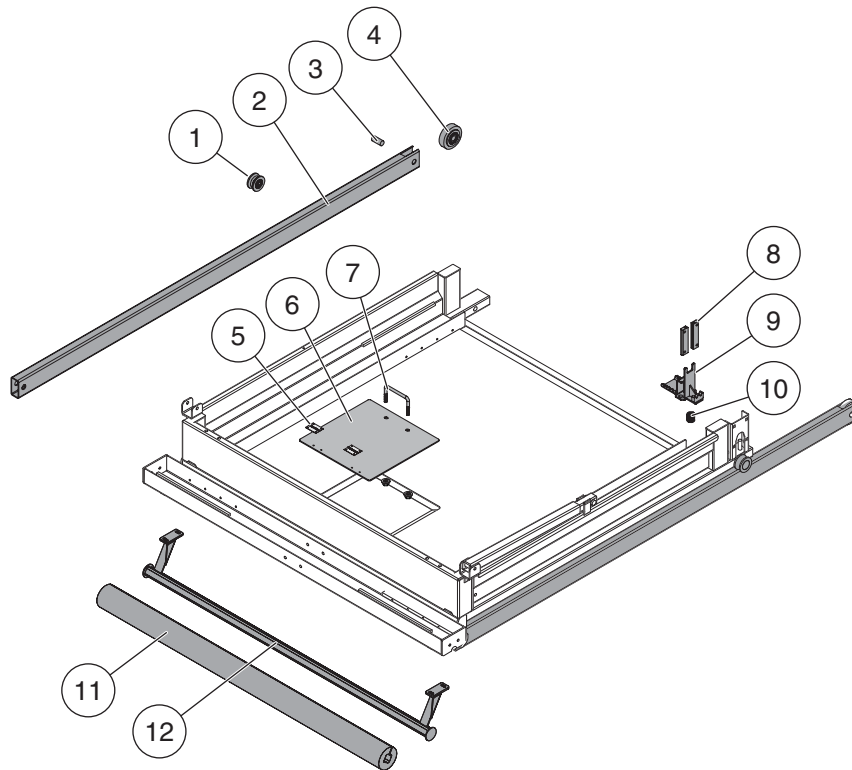
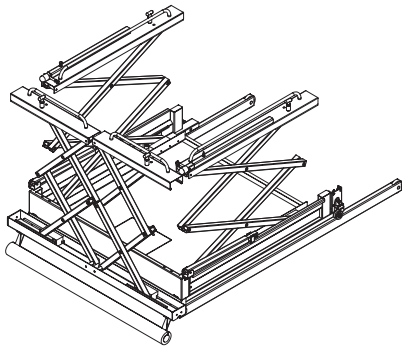


ILLUSTRATION No.  
ART\_4456

4069

OPTION -- GSE Deck Extension, 2 of 2

## OPTION -- GSE Deck Extension, 2 of 2

| ITEM | PART NO. | QTY | DESCRIPTION                                 |
|------|----------|-----|---------------------------------------------|
| 1    | 87126    | 2   | Roller                                      |
| 2    | 21480    | 2   | Slide Tube                                  |
| 3    | 26450    | 2   | Pin                                         |
| 4    | 87124    | 2   | Roller                                      |
| 5    | 92213    | 2   | Hinge                                       |
| 6    | 21561    | 1   | Door                                        |
| 7    | 93374    | 1   | Square U-Bolt                               |
| 8    | 26239    | 2   | Deck Release Guide                          |
| 9    | 21564    | 1   | Release Weldment                            |
| 10   | 92866    | 1   | Spring                                      |
| 11   | 21599    | 1   | Foam Bumper                                 |
| 12   | 21598    | 1   | Bumper Weldment                             |
| 13   | 93249    | 2   | Tubing Clip                                 |
| 14   | 21611    | 2   | Sliding Rail, Outer                         |
| 15   | 21613    | 2   | Sliding Rail, Inner                         |
| 16   | 21505    | 4   | Wear Pad Guide Rail                         |
| 17   | 21541    | 1   | Deck Extension Weldment, without deck plate |
| --   | 21583    | 1   | Deck Plate                                  |



• as req: as required

• INCL: Included with assembly

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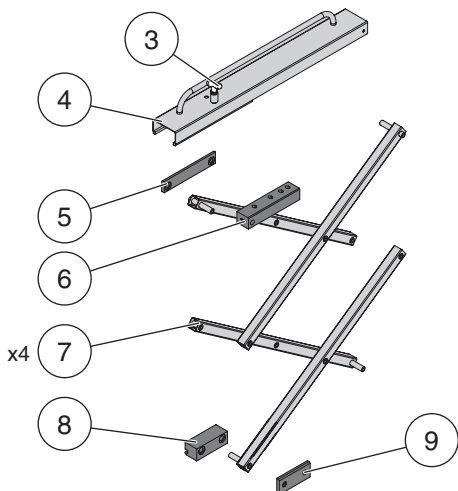
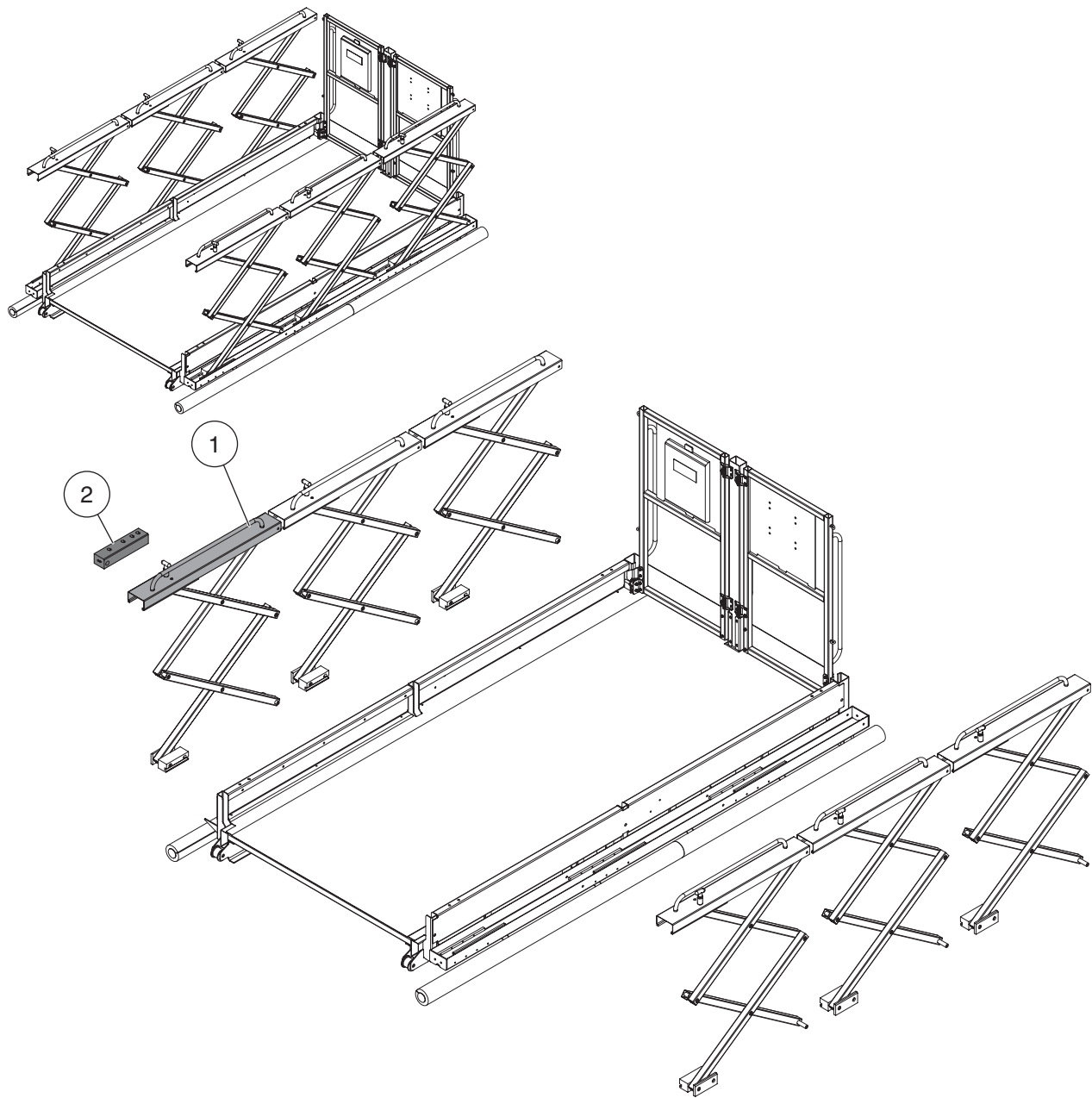


ILLUSTRATION No.  
ART\_4457

4069

OPTION -- GSE Main Platform, 1 of 2



## OPTION -- GSE Main Platform, 1 of 2

| ITEM | PART NO. | QTY | DESCRIPTION                     |
|------|----------|-----|---------------------------------|
| 1    | 21573    | 3   | Right Side Top Tray             |
| 2    | 21508    | 3   | Wear Pad, Large, Right Side Top |
| 3    | 93359    | 6   | T-Handle                        |
| 4    | 21574    | 3   | Left Side Top Tray              |
| 5    | 21507    | 6   | Wear Pad, Small Top             |
| 6    | 21509    | 3   | Wear Pad, Large, Left Side Top  |
| 7    | 21519    | 24  | Guard Rail Beam                 |
| 8    | 21505    | 6   | Wear Pad, Bottom Large          |
| 9    | 21506    | 6   | Wear Pad, Bottom Small          |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

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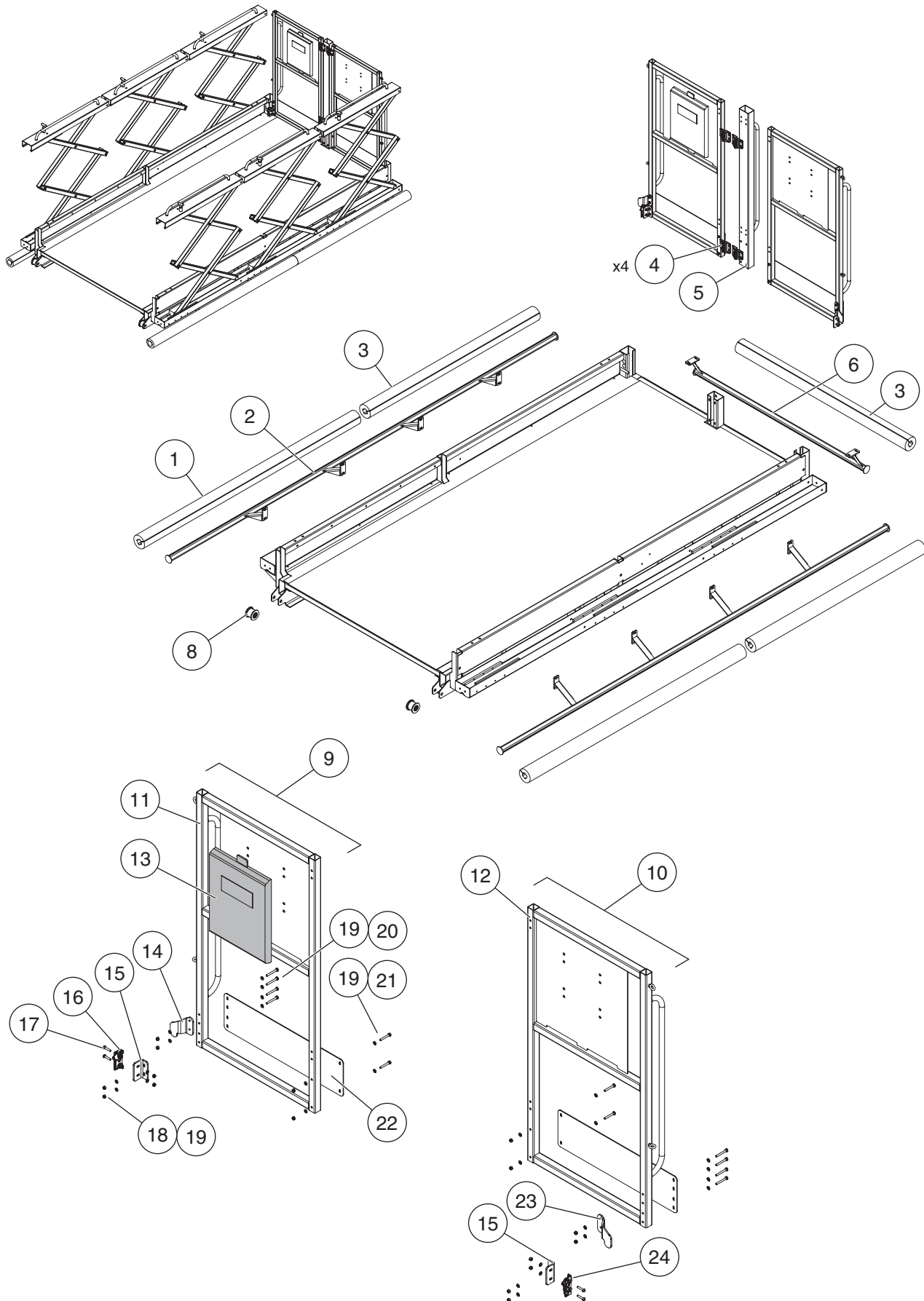


ILLUSTRATION No.  
ART\_4458

4069

OPTION -- GSE Main Platform, 2 of 2

## OPTION -- GSE Main Platform, 2 of 2

| ITEM | PART NO. | QTY | DESCRIPTION               |
|------|----------|-----|---------------------------|
| 1    | 21593    | 2   | Bumper, Long              |
| 2    | 21595    | 2   | Bumper Weldment           |
| 3    | 21599    | 3   | Bumper, Short             |
| 4    | 91888    | 4   | Hinge                     |
| 5    | 21594    | 1   | Gate Post                 |
| 6    | 21598    | 1   | Bumper Weldment           |
| 7    | --       | --  | --                        |
| 8    | 87125    | 2   | Roller                    |
| 9    | 21587    | 1   | Right Side Gate Assembly  |
| 10   | 21588    | 1   | Left Side Gate Assembly   |
| 11   | 21585    | 1   | Gate Weldment, Right      |
| 12   | --       | --  | --                        |
| 13   | 8909     | 1   | Manuals Box               |
| 14   | 21580    | 1   | Gate Stopper, Right       |
| 15   | 21579    | 2   | Gate Latch Bracket        |
| 16   | 92302    | 1   | Gate Latch, Right         |
| 17   | 50375    | 4   | Bolt, M6 x 30 Button Head |
| 18   | 50047    | 16  | Nut, M6 Nylock            |
| 19   | 50000    | 28  | Washer, M6 Std.           |
| 20   | 50262    | 8   | Bolt, M6 x 50             |
| 21   | 50294    | 4   | Bolt, M6 x 45             |
| 22   | 21586    | 2   | Gate Toe Board            |
| 23   | 21589    | 1   | Gate Stopper, Left        |
| 24   | 92251    | 1   | Gate Latch, Left          |

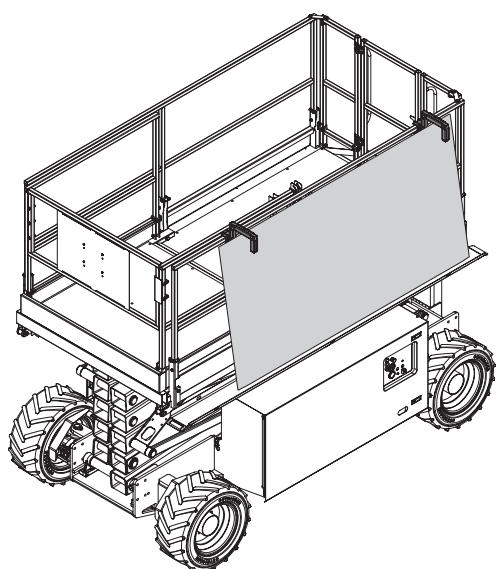
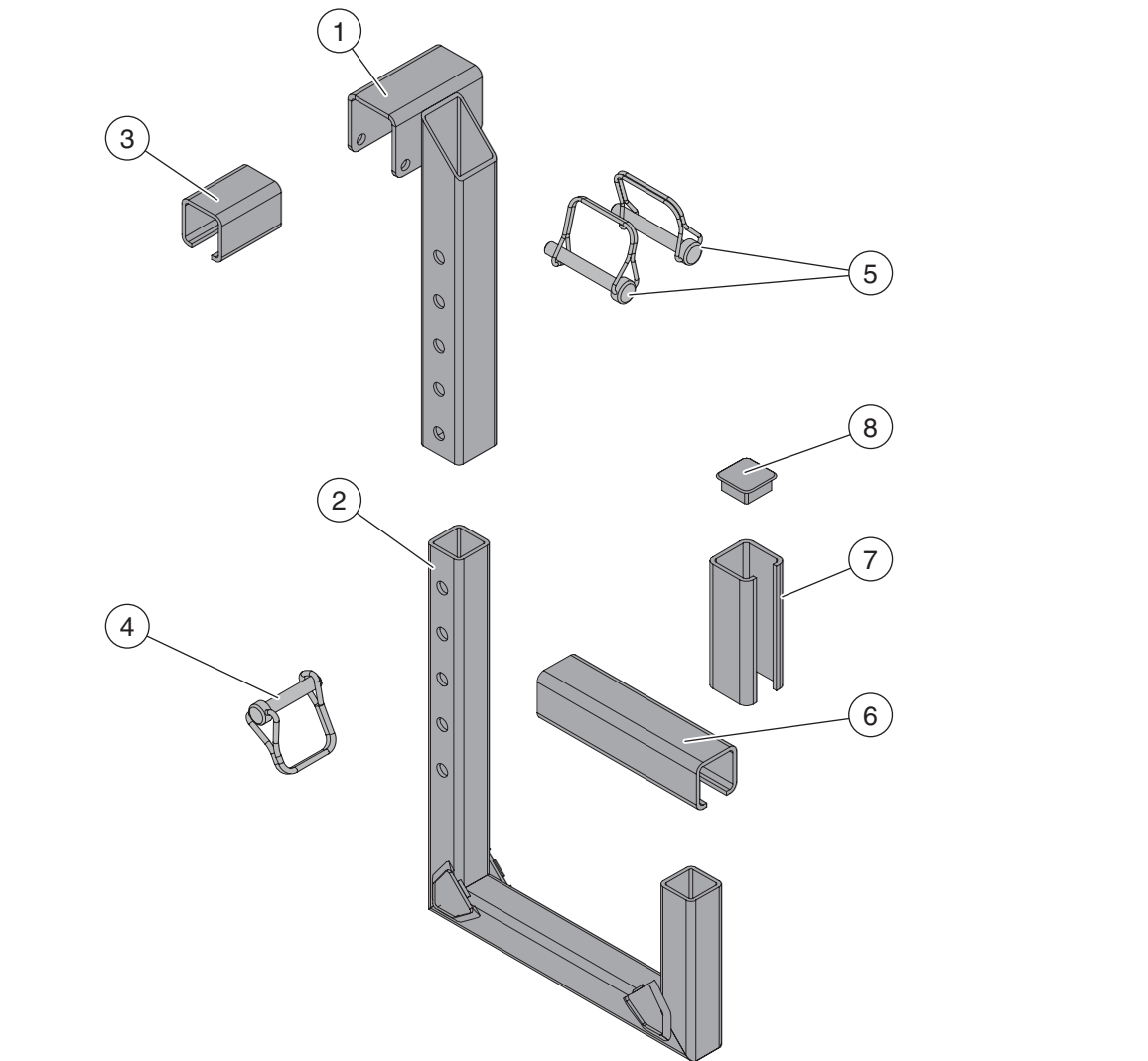


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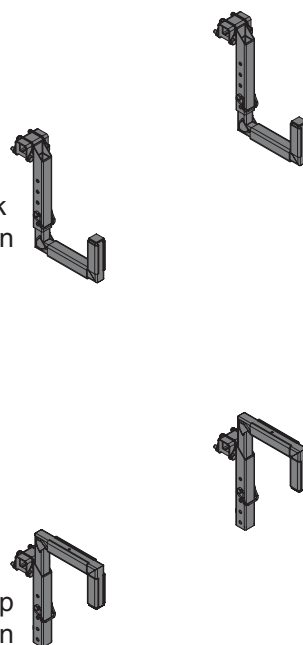
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Pipe Rack Configuration

Material Clamp Configuration



OPTION -- Material Clamp/Pipe Rack

## OPTION -- Material Clamps/Pipe Racks

NOTE: Material Clamps/Pipe Racks may be used only on the standard platform equipped with the Sheet Material Rack. DO NOT use on the optional GSE platform. See the Operator's Manual for use instructions.

| ITEM | PART NO. | QTY | DESCRIPTION                                |
|------|----------|-----|--------------------------------------------|
| --   | 84225    | --  | Material Clamp/ Pipe Rack -- sold in pairs |
| 1    | 26459    | 1   | Top Weldment                               |
| 2    | 26415    | 1   | Sliding Tube Weldment                      |
| 3    | 92840    | 1   | Wear Strip                                 |
| 4    | 50182    | 1   | Spring Clip                                |
| 5    | 50401    | 2   | Spring Clip                                |
| 6    | 92852    | 1   | Wear Strip                                 |
| 7    | 92863    | 1   | Wear Strip                                 |
| 8    | 92942    | 1   | Cap                                        |



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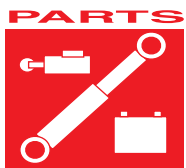
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**NOTES:**

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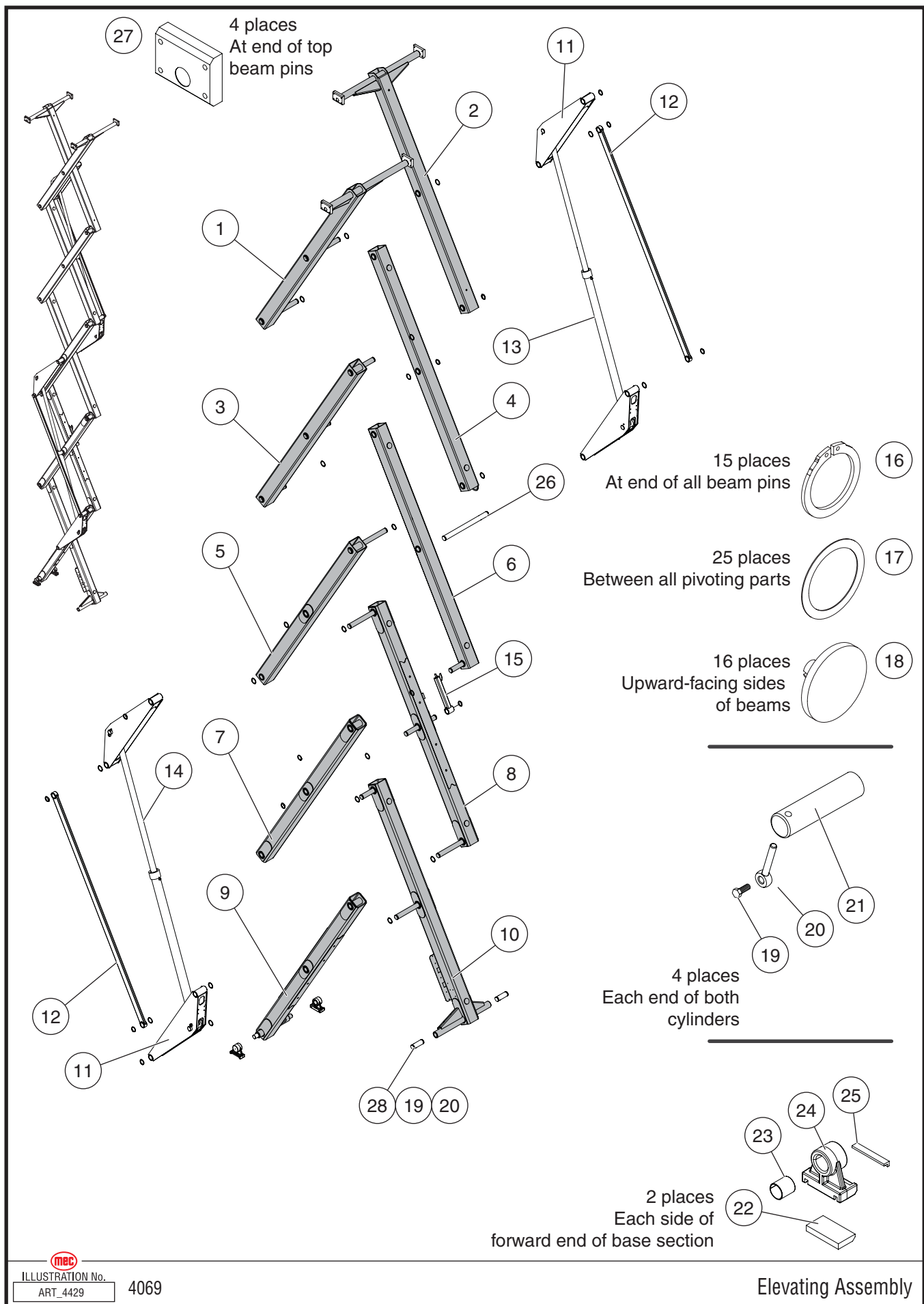
# SECTION C

## SCISSOR ASSEMBLY

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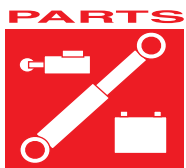


## Scissor Assembly

| ITEM | PART NO. | QTY | DESCRIPTION                             |
|------|----------|-----|-----------------------------------------|
| 1    | 21420    | 1   | <b>Standard Machine</b> -- Scissor Beam |
|      | 21557    | 1   | <b>GSE Spec Machine</b> -- Scissor Beam |
| 2    | 21421    | 1   | <b>Standard Machine</b> -- Scissor Beam |
|      | 21558    | 1   | <b>GSE Spec Machine</b> -- Scissor Beam |
| 3    | 21419    | 1   | Scissor Beam                            |
| 4    | 21418    | 1   | Scissor Beam                            |
| 5    | 21416    | 1   | Scissor Beam                            |
| 6    | 21417    | 1   | Scissor Beam                            |
| 7    | 21414    | 1   | Scissor Beam                            |
| 8    | 21415    | 1   | Scissor Beam                            |
| 9    | 21413    | 1   | Scissor Beam                            |
| 10   | 21412    | 1   | Scissor Beam                            |
| 11   | 21422    | 4   | Cylinder Mount Weldment                 |
| 12   | 21288    | 2   | Beam Support Weldment                   |
| 13   | REF      | --  | Upper Lift Cylinder -- See Section E    |
| 14   | REF      | --  | Lower Lift Cylinder -- See Section E    |
| 15   | 21467    | 1   | Maintenance Lock                        |
| 16   | 6701     | 15  | Retaining Ring                          |
| 17   | 93640    | 25  | Washer, Nylon                           |
| 18   | 25429    | 16  | Rubber Spacer                           |
| 19   | 50236    | 6   | Bolt, M12 x 40                          |
| 20   | 18152    | 6   | Pin Retainer                            |
| 21   | 21472    | 4   | Cylinder Pin                            |
| 22   | 9587     | 2   | Lower Slide Pad                         |
| 23   | 7160     | 2   | Bearing                                 |
| 24   | 40301    | 2   | Slide Casting                           |
| 25   | 90235    | 2   | Upper Slide Pad                         |
| 26   | 30407    | 1   | Pin                                     |
| 27   | 26449    | 4   | Platform Block                          |
| 28   | 21372    | 2   | Stationary Pin                          |

**NOTES:**

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# SECTION D

## WHEEL ASSEMBLIES

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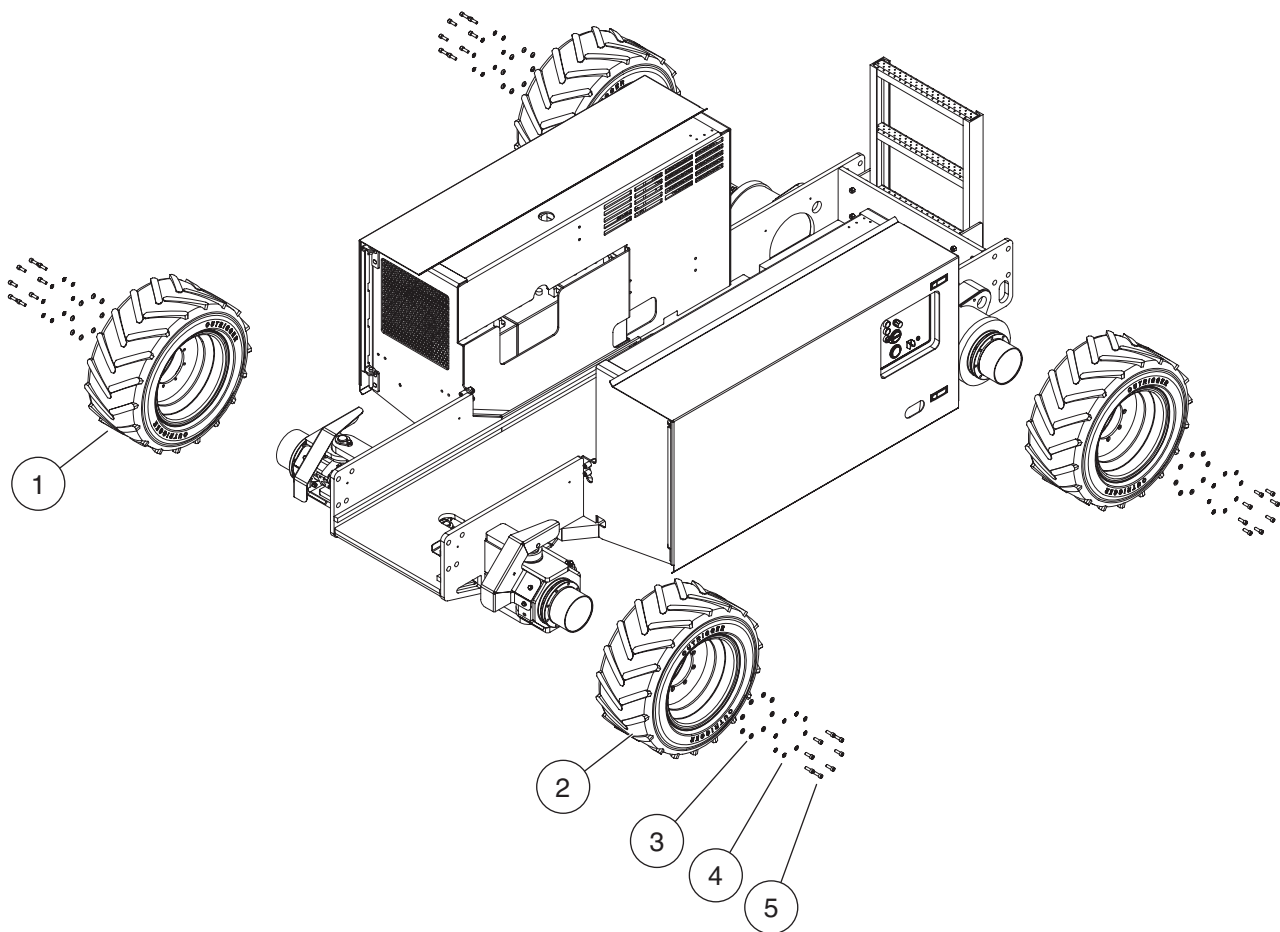


ILLUSTRATION No.  
ART\_4431

4069

Tires/Wheels

## Wheels & Hubs

| ITEM | PART NO. | QTY | DESCRIPTION                                               |
|------|----------|-----|-----------------------------------------------------------|
| 1    | 21450    | 2   | Right-Side Wheel/Tire Assembly, Pneumatic                 |
|      | 21452    | 2   | Right-Side Wheel/Tire Assembly, Foam-Filled*              |
|      | 21454    | 2   | Right-Side Wheel/Tire Assembly, Non-Marking, Pneumatic    |
|      | 21456    | 2   | Right-Side Wheel/Tire Assembly, Non-Marking, Foam-Filled* |
| 2    | 21451    | 2   | Left-Side Wheel/Tire Assembly, Pneumatic                  |
|      | 21453    | 2   | Left-Side Wheel/Tire Assembly, Foam-Filled*               |
|      | 21455    | 2   | Left-Side Wheel/Tire Assembly, Non-Marking, Pneumatic     |
|      | 21457    | 2   | Left-Side Wheel/Tire Assembly, Non-Marking, Foam-Filled*  |
| --   | 91181    | --  | Tire Only, Black                                          |
| --   | 92803    | --  | Tire Only, Non-Marking                                    |
| --   | 21403    | --  | Rim Only, 4069                                            |
| 3    | 92977    | 32  | Washer, Self-Aligning                                     |
| 4    | 50006    | 32  | Washer, M10 Nordlock                                      |
| 5    | 50127    | 32  | Lug Bolt, M10 x 30 Socket Head                            |

\*USE ONLY FOAM-FILLED FOR CE AND GSE-SPEC MACHINES.



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

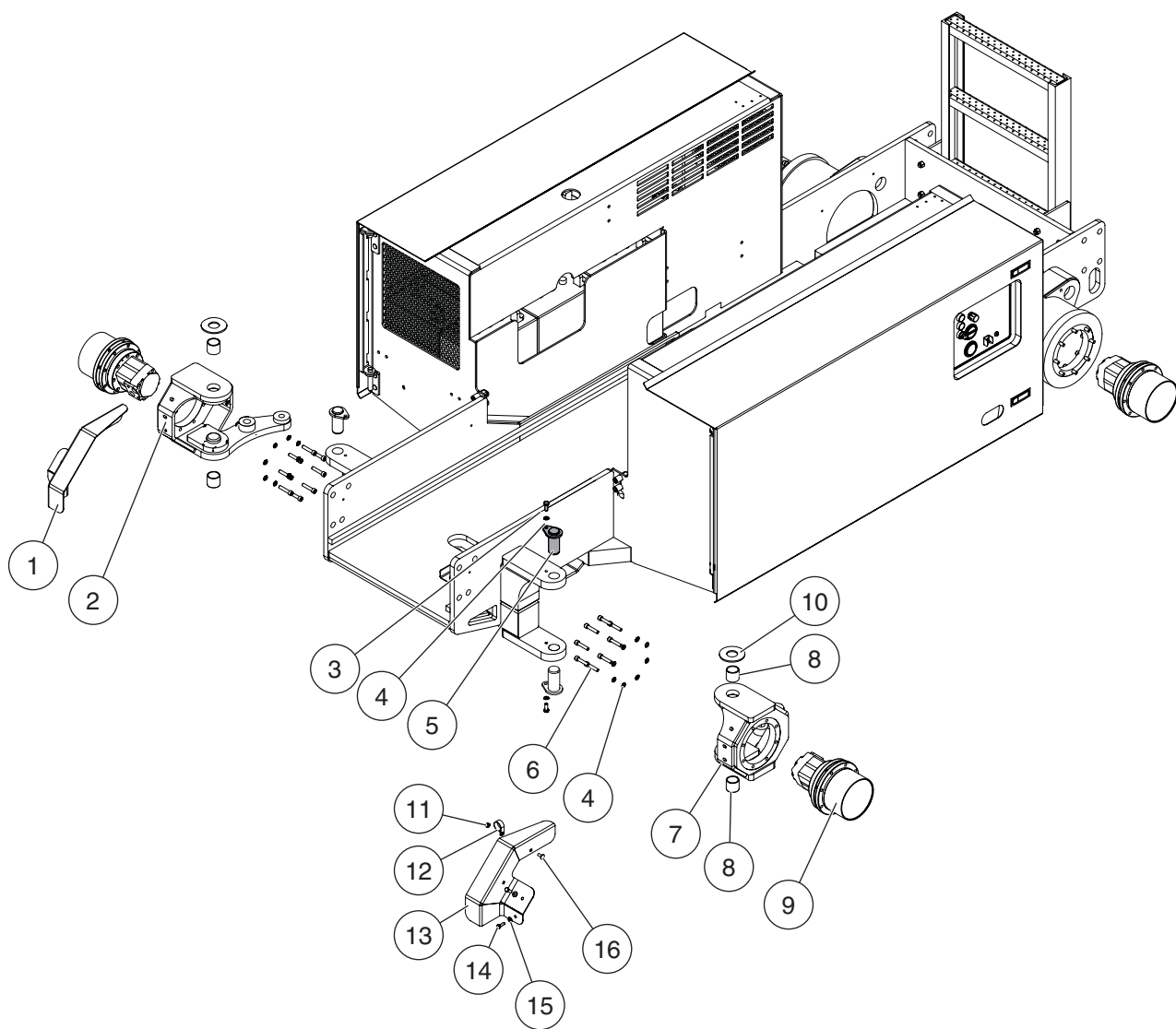


ILLUSTRATION No.  
ART\_4428

4069

Wheel Motors & Steering Components

## Wheel Motors & Steering Yoke Components

| ITEM | PART NO. | QTY | DESCRIPTION                         |
|------|----------|-----|-------------------------------------|
| 1    | 21353    | 1   | Hose Guard, Right Side              |
| 2    | 21344    | 1   | Steering Yoke, Right Side           |
| 3    | 50033    | 4   | Bolt, M10 x 25                      |
| 4    | 50006    | 36  | Washer, M10 Nordlock                |
| 5    | 26057    | 4   | King Pin Weldment                   |
| 6    | 50439    | 32  | Bolt, M10 x 50 Socket Head          |
| 7    | 21345    | 1   | Steering Yoke, Left Side            |
| 8    | 92360    | 4   | Bearing                             |
| 9    | REF      | 4   | Motor/Hub Assembly -- See Section E |
| 10   | 92341    | 2   | Thrust Washer                       |
| 11   | 50048    | 2   | Nut, M8 Nylock                      |
| 12   | 92787    | 2   | P-Clamp                             |
| 13   | 21354    | 1   | Hose Guard, Left Side               |
| 14   | 50031    | 4   | Bolt, M8 x 25                       |
| 15   | 50001    | 4   | Washer, M8 Std                      |
| 16   | 50025    | 2   | Bolt, M8 Carriage                   |



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• INCL: Included with assembly

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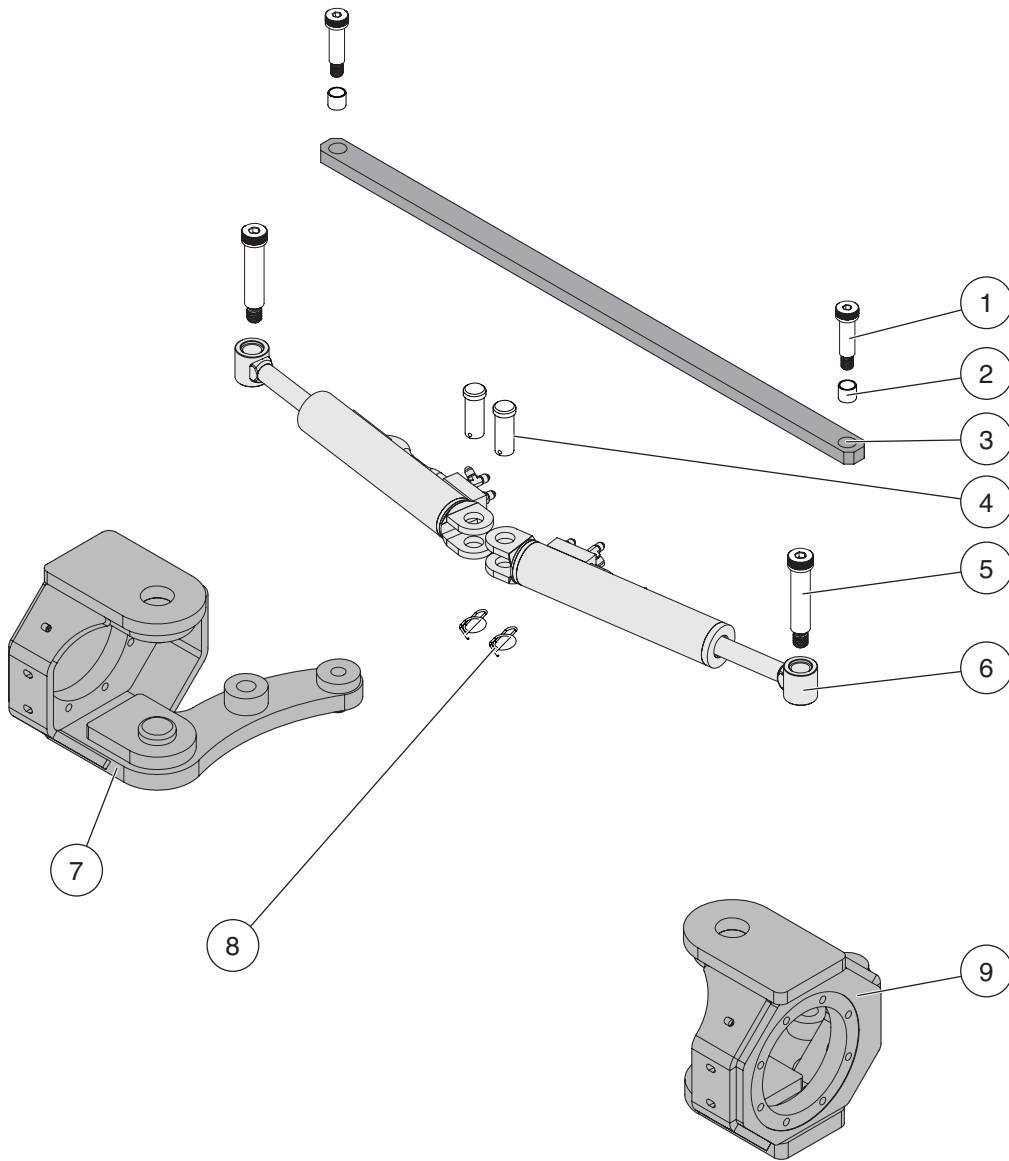
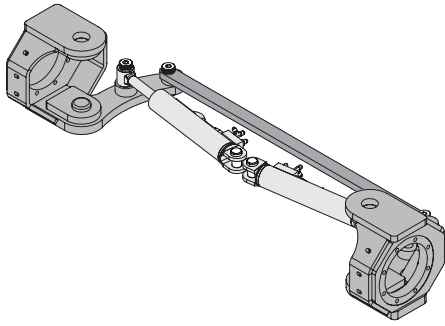


ILLUSTRATION No.  
ART\_4430

4069

Steering Components





## Steering Components

| ITEM | PART NO. | QTY | DESCRIPTION                                              |
|------|----------|-----|----------------------------------------------------------|
| 1    | 50433    | 2   | Shoulder Bolt, M16 Thread Socket Head, M20 x 60 Shoulder |
| 2    | 93044    | 2   | Bronze Bearing                                           |
| 3    | 21337    | 1   | Tie Rod                                                  |
| 4    | 17491    | 2   | Clevis Pin                                               |
| 5    | 50458    | 2   | Shoulder Bolt, 3/4" thread, 1 x 4 shoulder               |
| 6    | REF      | 2   | Steering Cylinder Assembly -- See Section E              |
| 7    | 21344    | 1   | Steering Yoke, Right Side                                |
| 8    | 17492    | 2   | Pin Clip                                                 |
| 9    | 21345    | 1   | Steering Yoke, Left Side                                 |



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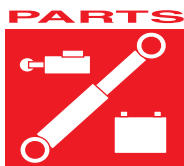
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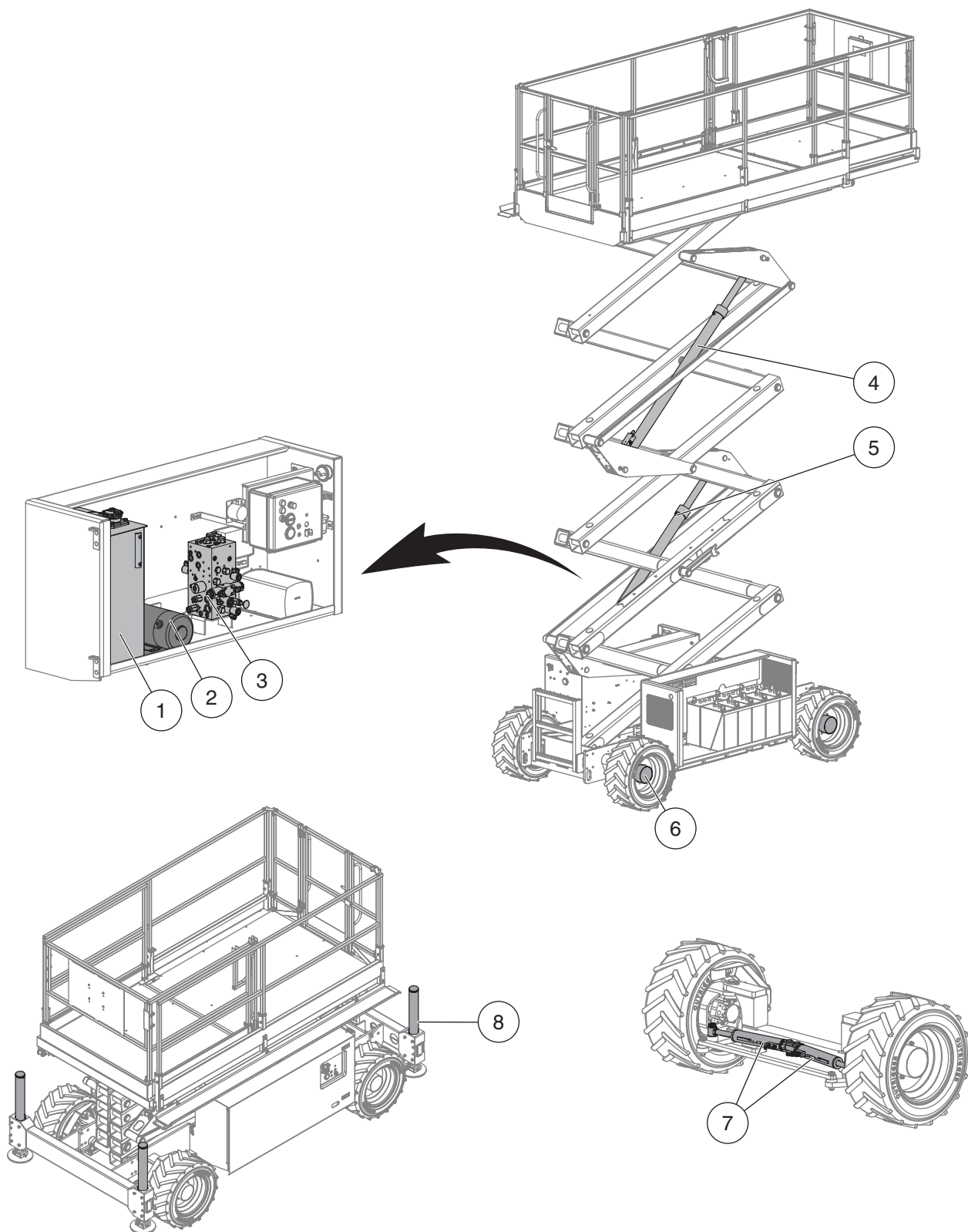
# SECTION E

## HYDRAULICS

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Machines equipped with optional Outriggers

**mc**  
ILLUSTRATION No.  
ART\_4503

4069ERT

Hydraulic Components

## Hydraulic Components

| ITEM | PART NO. | QTY | DESCRIPTION                                      |
|------|----------|-----|--------------------------------------------------|
| 1    | 89013    | 1   | Hydraulic Reservoir                              |
| 2    | 93143    | 1   | Hydraulic Pump (does not include electric motor) |
| 3    | 93145    | 1   | Functions Manifold                               |
| 4    | 21273    | 1   | Upper Lift Cylinder                              |
| 5    | 21272    | 1   | Lower Lift Cylinder                              |
| 6    | 92974    | 4   | Wheel Motor/Brake Unit                           |
| 7    | 21398    | 2   | Steer Cylinder                                   |
| 8    | 93031    | 4   | Option -- Outrigger Cylinder                     |

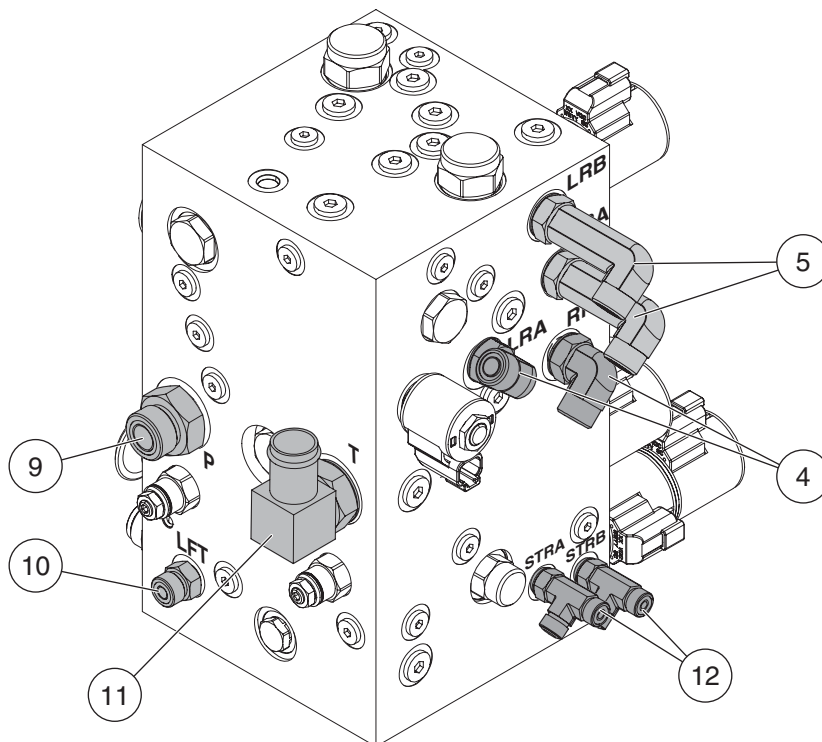
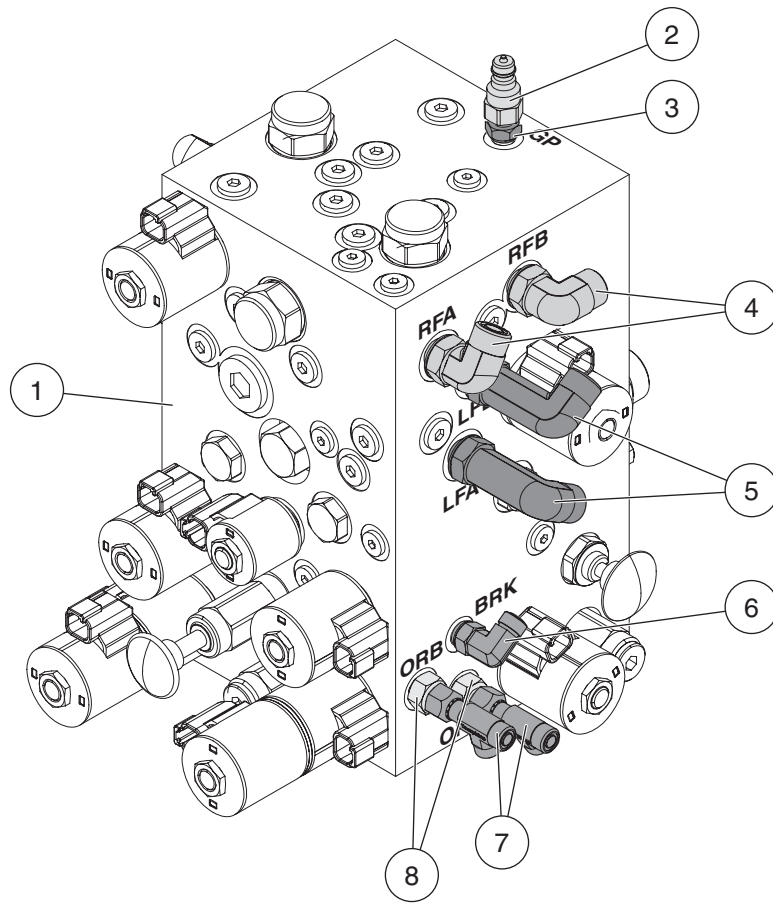


• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



## Functions Manifold, 1 of 2

| ITEM | PART NO. | QTY | DESCRIPTION                                   |
|------|----------|-----|-----------------------------------------------|
| 1    | 93145    | 1   | Functions Manifold Assembly, without fittings |
| 2    | HDW7971  | 1   | Fitting, Male Disconnect 1/4npt               |
| 3    | 50950    | 1   | Fitting, MB-MP-4-4                            |
| 4    | 50850    | 4   | Fitting, MB-MFFOR90-8-8                       |
| 5    | 50853    | 4   | Fitting, MB-MFFOR90LL-8-8                     |
| 6    | 50673    | 1   | Fitting, MB-MFFOR90-4-4                       |
| 7    | 50809    | 2   | Fitting, MFFOR-MFFOR-FFORX-4                  |
| 8    | 50832    | 2   | Fitting, MB-MFFOR-6-4                         |
| 9    | 50838    | 1   | Fitting, MB-MFFOR-12-8                        |
| 10   | 50835    | 1   | Fitting, MB-MFFOR-6-6                         |
| 11   | 51004    | 1   | Fitting, MB-HB90-12-16                        |
| 12   | 50858    | 2   | Fitting, MB-MFFOR-MFFORT-4                    |

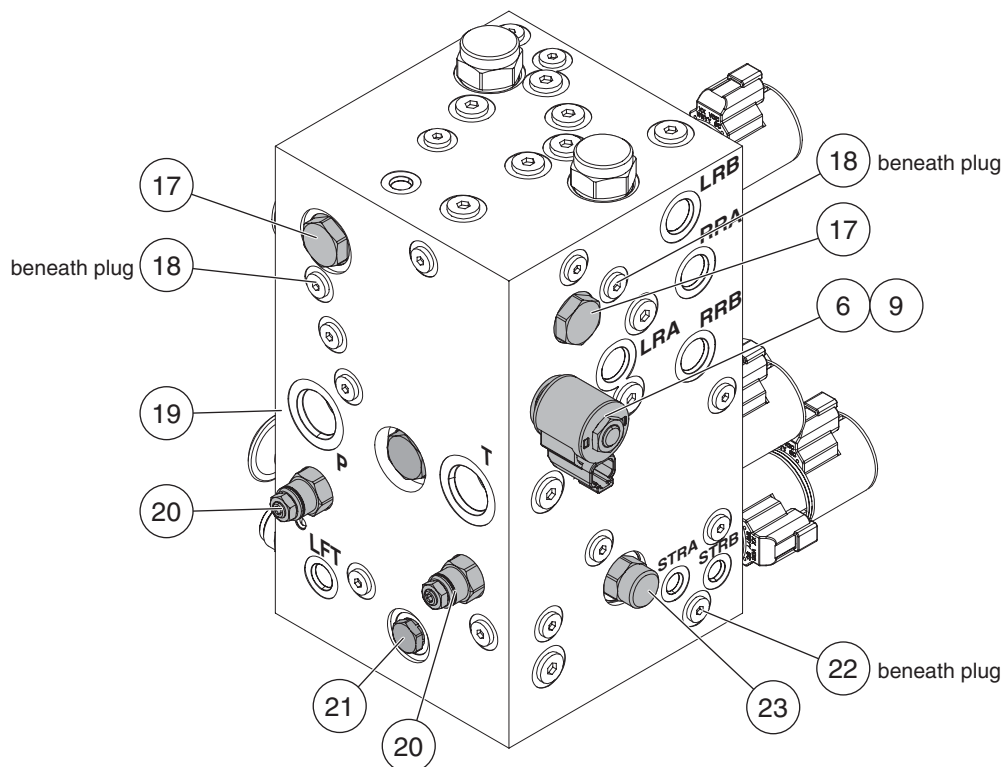
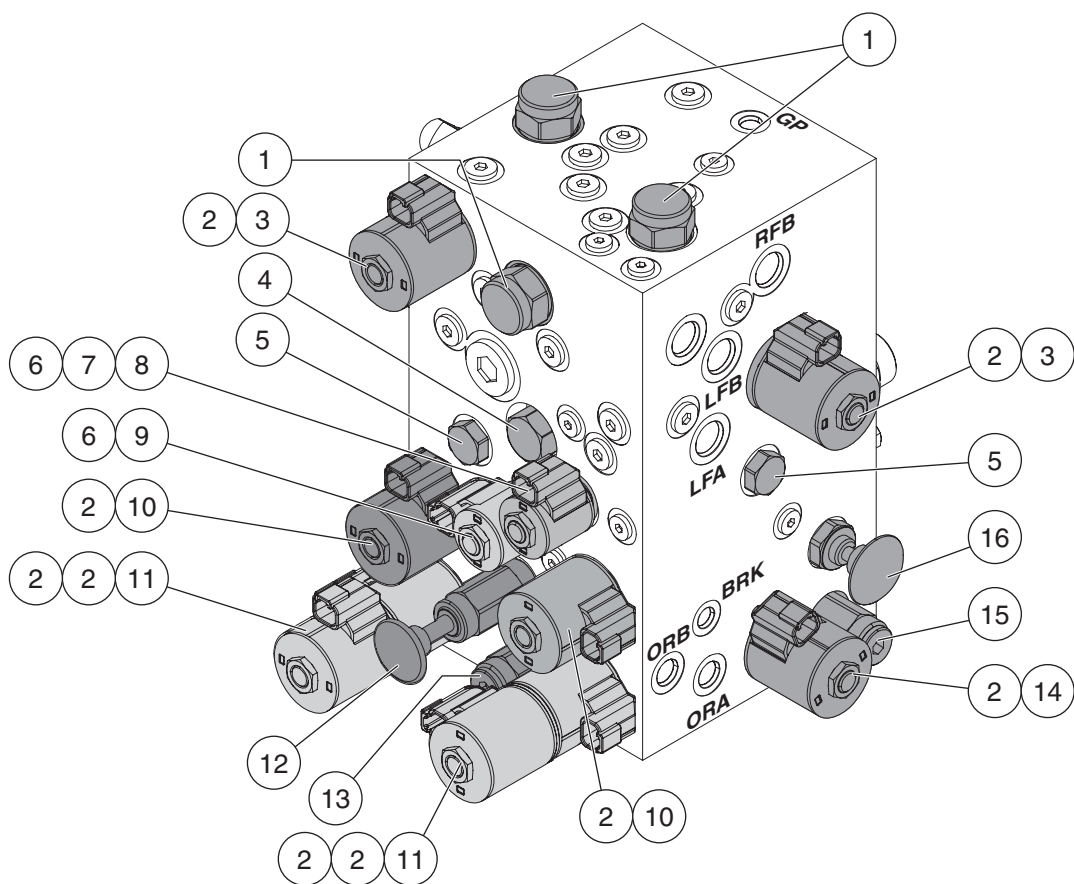


• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only





## Functions Manifold, 2 of 2

| ITEM | PART NO. | QTY | DESCRIPTION                                   |
|------|----------|-----|-----------------------------------------------|
| --   | 93145    | --  | Functions Manifold Assembly, without fittings |
| 1    | 91151    | 3   | Pilot-Operated Valve                          |
| 2    | 91143    | 9   | Coil                                          |
| 3    | 93502    | 2   | Solenoid Valve, Rear Wheel Bypass             |
| 4    | 91152    | 2   | Pilot-Operated Valve                          |
| 5    | 91477    | 2   | Check Valve                                   |
| 6    | 92173    | 3   | Coil                                          |
| 7    | 91464    | 1   | Solenoid Valve, Rear Wheel Bypass             |
| 8    | 93501    | 1   | Orifice Disc, .060                            |
| 9    | 91147    | 2   | Solenoid Valve, Hogh Torque/High Speed        |
| 10   | 93496    | 2   | Solenoid Valve, Drive                         |
| 11   | 91008    | 2   | Solenoid Valve, Outrigger & Steering          |
| 12   | 91015    | 1   | Hand Pump                                     |
| 13   | 93497    | 1   | Relief Valve                                  |
| 14   | 91145    | 1   | Solenoid Valve, Lift                          |
| 15   | 91009    | 1   | Relief Valve                                  |
| 16   | 91012    | 1   | Manual Brake Release Valve                    |
| 17   | 93494    | 2   | Flow Divider                                  |
| 18   | 93500    | 2   | Orifice Plug, .025                            |
| 19   | 93493    | 1   | Check Valve                                   |
| 20   | 93503    | 2   | Counterbalance Valve                          |
| 21   | 93499    | 1   | Shuttle Valve                                 |
| 22   | 93495    | 1   | Orifice Plug, .063                            |
| 23   | 93498    | 1   | Flow Regulator                                |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

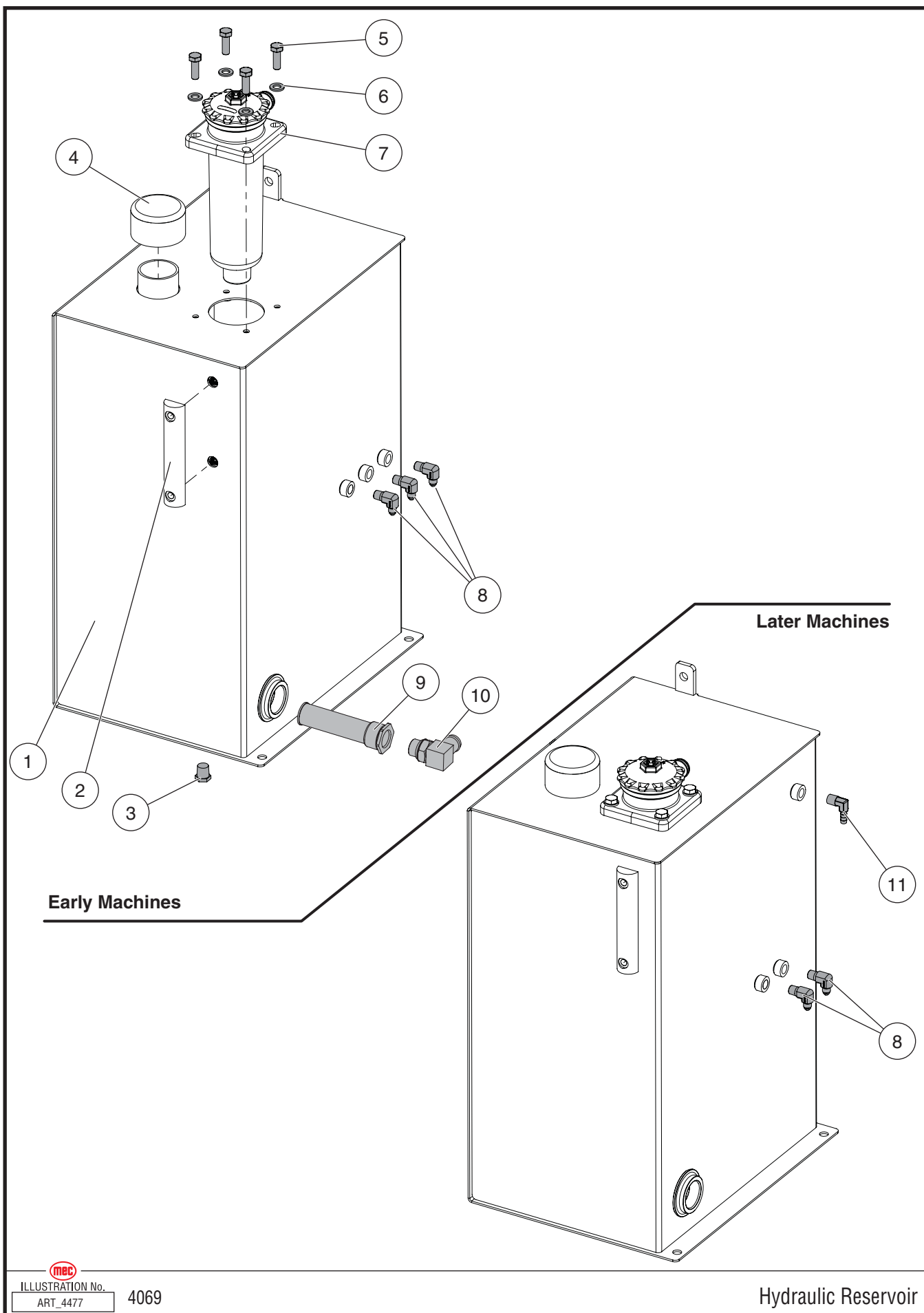


ILLUSTRATION No.  
ART\_4477

4069

Hydraulic Reservoir

## Hydraulic Reservoir

| ITEM | PART NO. | QTY | DESCRIPTION                            |
|------|----------|-----|----------------------------------------|
| --   | 89013    | --  | Hydraulic Reservoir, Complete as shown |
| 1    | 21355    | 1   | Tank Weldment                          |
| 2    | 9370     | 1   | Sight Gauge                            |
| 3    | 51006    | 1   | Plug, 3/8 NPT                          |
| 4    | 92335    | 1   | Cap                                    |
| 5    | 50034    | 4   | Bolt, M10 x 30                         |
| 6    | 50002    | 4   | Washer, M10 std.                       |
| 7    | 92565    | 1   | Filter Assembly                        |
| --   | 92924    | --  | Filter Element                         |
| 8    | HDW6727  | 1   | Fitting, 1/4 NPT, 5/16 Barb            |
| 9    | 50664    | 2   | Fitting, MP-MJ-4-4                     |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

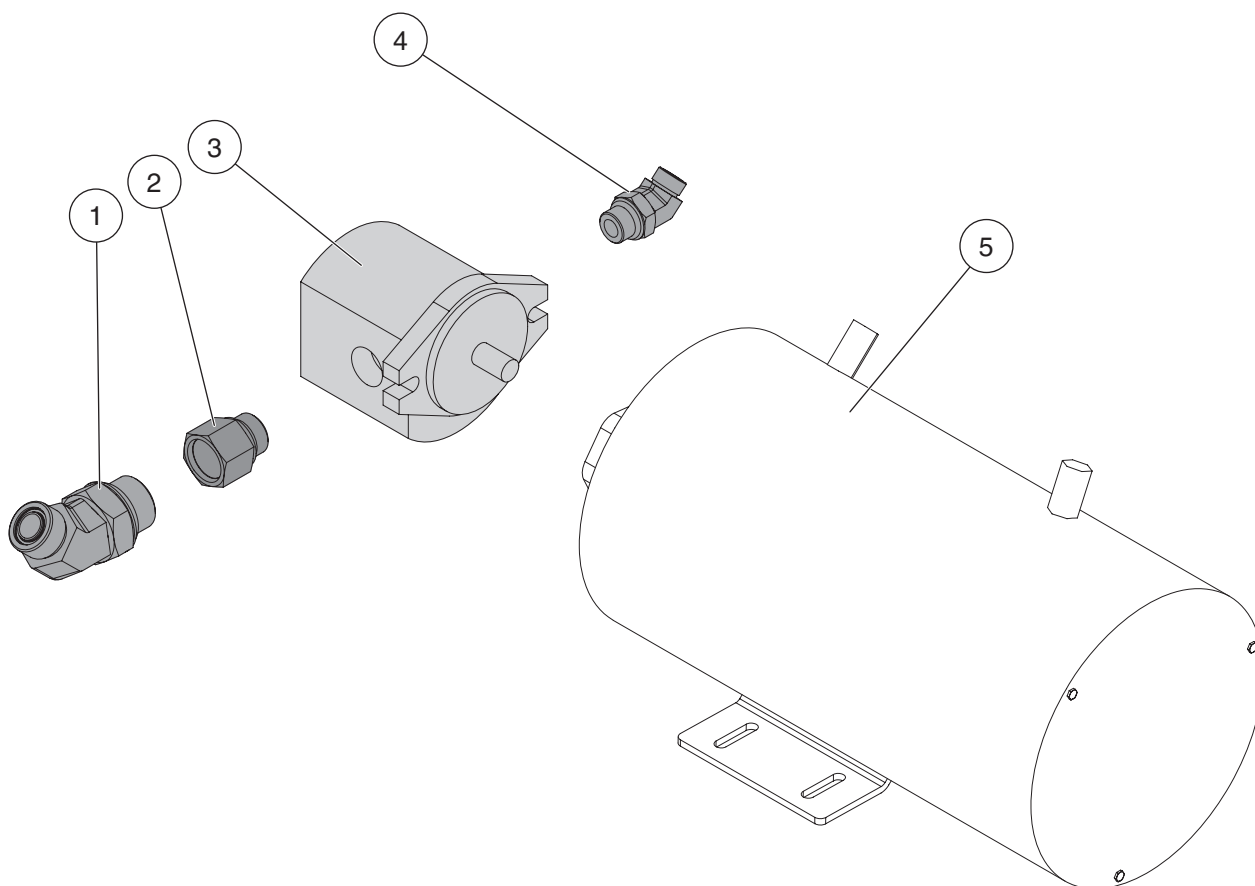


ILLUSTRATION No.  
ART\_4507

4069ERT

Hydraulic Pump

## Hydraulic Pump

| ITEM | PART NO. | QTY | DESCRIPTION                                 |
|------|----------|-----|---------------------------------------------|
| 1    | 51105    | 1   | Fitting, HB-MB45-16-12                      |
| 2    | 50755    | 1   | Fitting, MB-FB-12-12                        |
| 3    | 93143    | 1   | ~ <b>Serial #13400150</b><br>Hydraulic Pump |
|      | 93232    | 1   | <b>Serial #13400151~</b><br>Hydraulic Pump  |
| 4    | 51067    | 1   | Fitting, MB-MFFOR45-10-8                    |
| 5    | REF      | 1   | Electric Motor -- See Section F             |



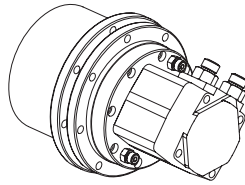
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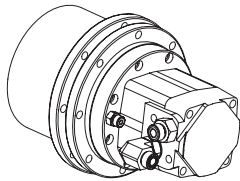
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• REF: Reference only

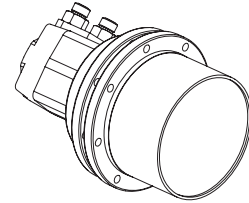
Right Rear



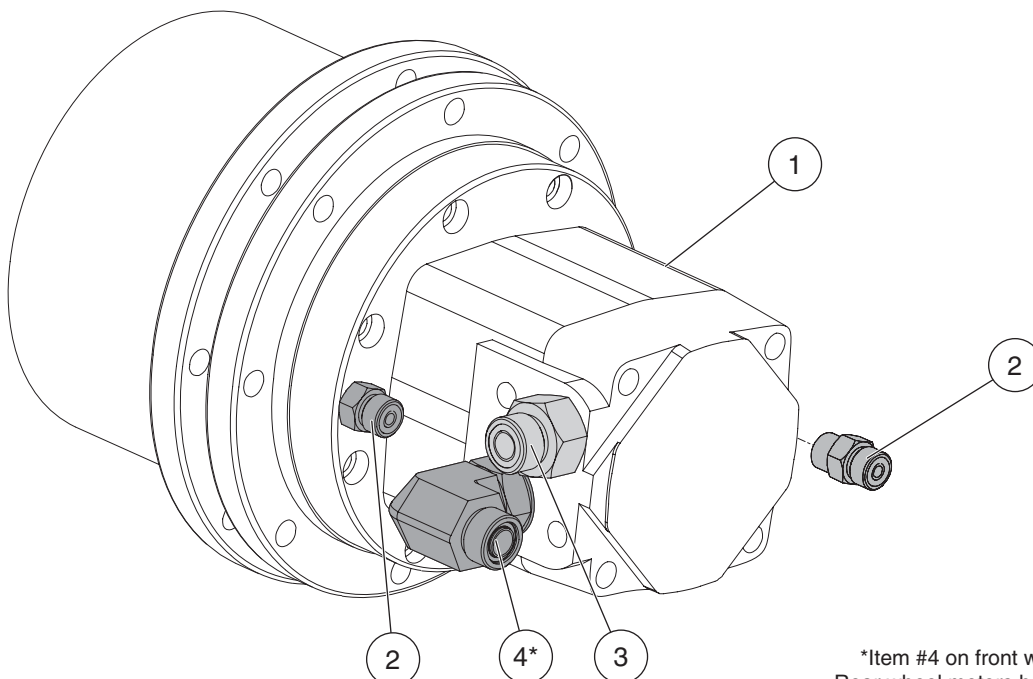
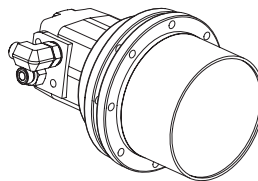
Right Front



Left Rear



Left Front



\*Item #4 on front wheel motors only.  
Rear wheel motors have two of Item #3

## Wheel Motor/Brake Units

**MEC**  
ILLUSTRATION No.  
ART\_4475

4069

## Wheel Motor/Brake Unit

| ITEM | PART NO. | QTY | DESCRIPTION                                  |
|------|----------|-----|----------------------------------------------|
| 1    | 92974    | 4   | ~ Serial #13400150<br>Wheel Motor/Brake Unit |
|      | 93233    | 4   | Serial #13400151~<br>Wheel Motor/Brake Unit  |
| 2    | 51118    | 4   | Fitting, MFFOR-MBSPP-04-02                   |
| 3    | 50837    | 6   | Fitting, MB-MFFOR-10-8                       |
| 4    | 50980    | 2   | Fitting, MB-MFFOR90-10-8                     |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

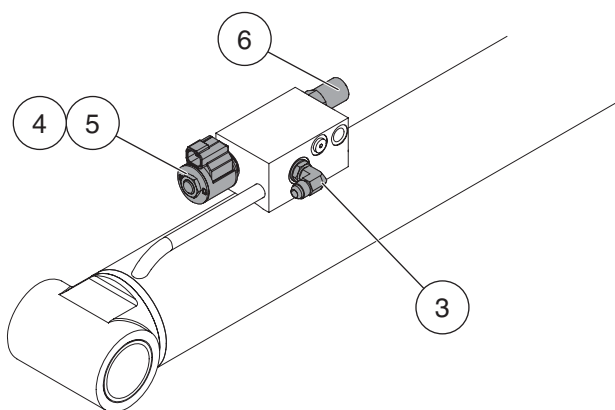
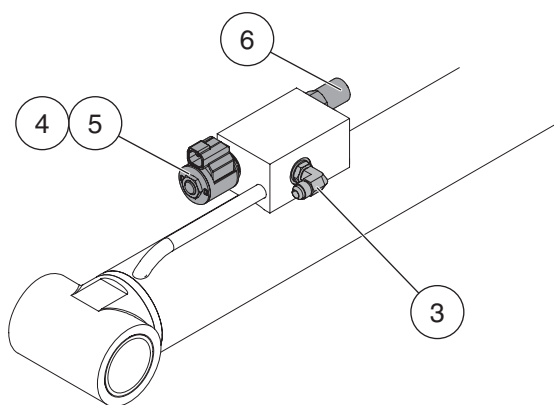
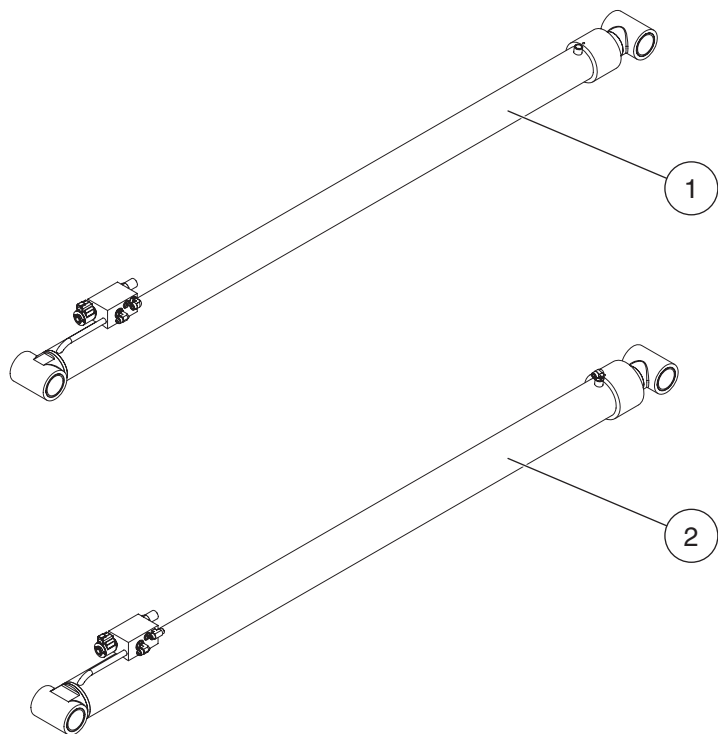


ILLUSTRATION No.  
ART\_4473

4069

Lift Cylinders



## Lift Cylinders -- Old Style

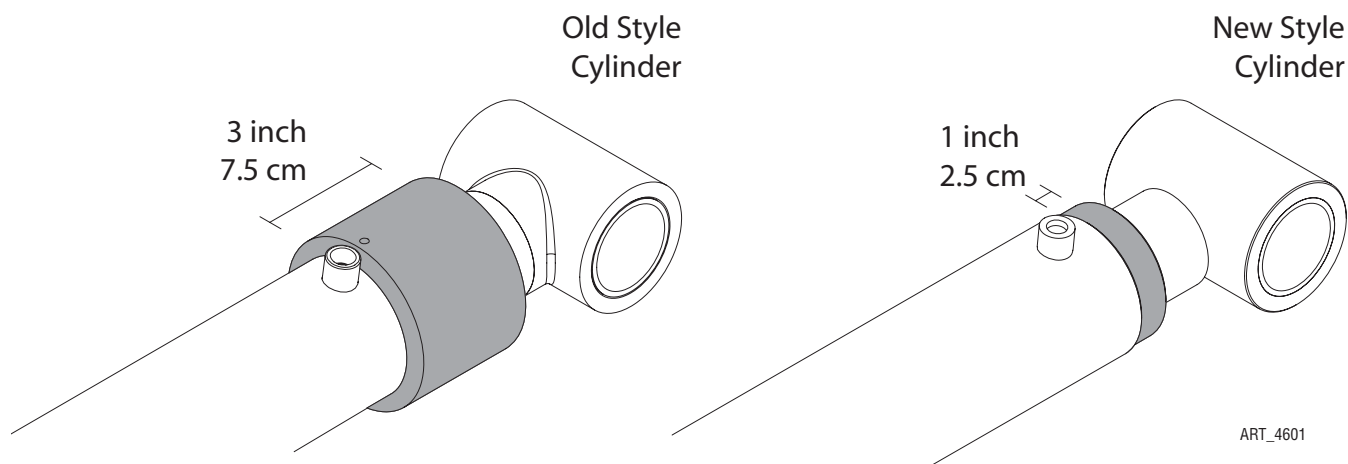
| ITEM | PART NO. | QTY | DESCRIPTION                      |
|------|----------|-----|----------------------------------|
| 1    | 21273    | 1   | Upper Lift Cylinder -- Old Style |
| --   | 93613    | --  | Seal Kit                         |
| 2    | 21272    | 1   | Lower Lift Cylinder -- Old Style |
| --   | 93614    | --  | Seal Kit                         |
| 3    | 50790    | 2   | Fitting, MB-MJ90-6-6             |
| 4    | 91464    | 2   | Valve                            |
| 5    | 93615    | 2   | Coil                             |
| 6    | 90969    | 2   | Valve, Relief                    |

## Lift Cylinders -- New Style

|    |       |    |                                  |
|----|-------|----|----------------------------------|
| 1  | 93519 | 1  | Upper Lift Cylinder -- New Style |
| -- | 93642 | -- | Seal Kit                         |
| 2  | 93518 | 1  | Lower Lift Cylinder -- New Style |
| -- | 93643 | -- | Seal Kit                         |
| 3  | 50790 | 2  | Fitting, MB-MJ90-6-6             |
| 4  | 91464 | 2  | Valve                            |
| 5  | 93615 | 2  | Coil                             |
| 6  | 90969 | 2  | Valve, Relief                    |

Examine the collar at the rod end of the cylinder to determine whether your machine is equipped with Old Style or New Style cylinders

- Old Style cylinders have a 3-inch (7.5 cm) collar.
- New Style cylinders have a 1-inch (2.5 cm) collar.



**IMPORTANT** -- Both cylinders must be changed out if an Old Style cylinder requires replacement.  
DO NOT pair a New Style cylinder with an Old Style cylinder.

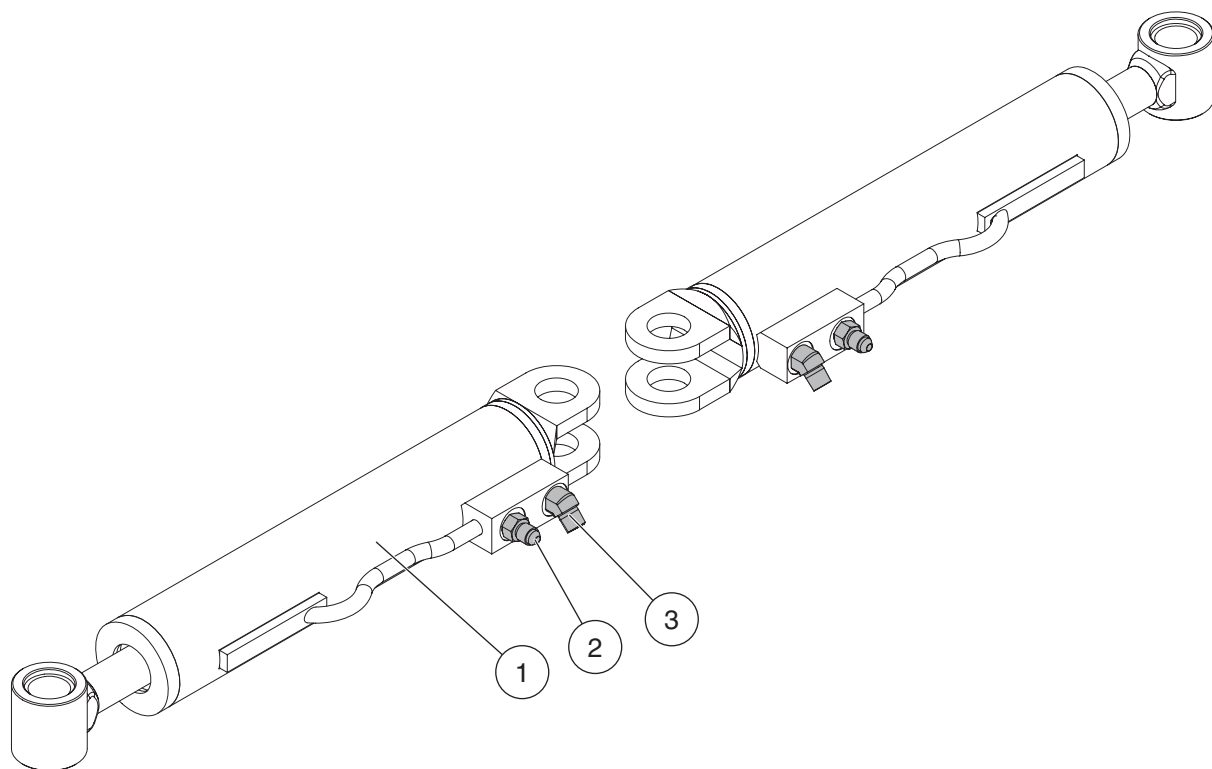


ILLUSTRATION No.  
ART\_4472

4069

Steer Cylinders

## Steer Cylinders

| ITEM | PART NO. | QTY | DESCRIPTION             |
|------|----------|-----|-------------------------|
| 1    | 21398    | 2   | Steer Cylinder          |
| --   | 93616    | --  | Seal Kit                |
| 2    | 50831    | 2   | Fitting, MB-MFFOR-4-4   |
| 3    | 50675    | 2   | Fitting, MB-MFFOR45-4-4 |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

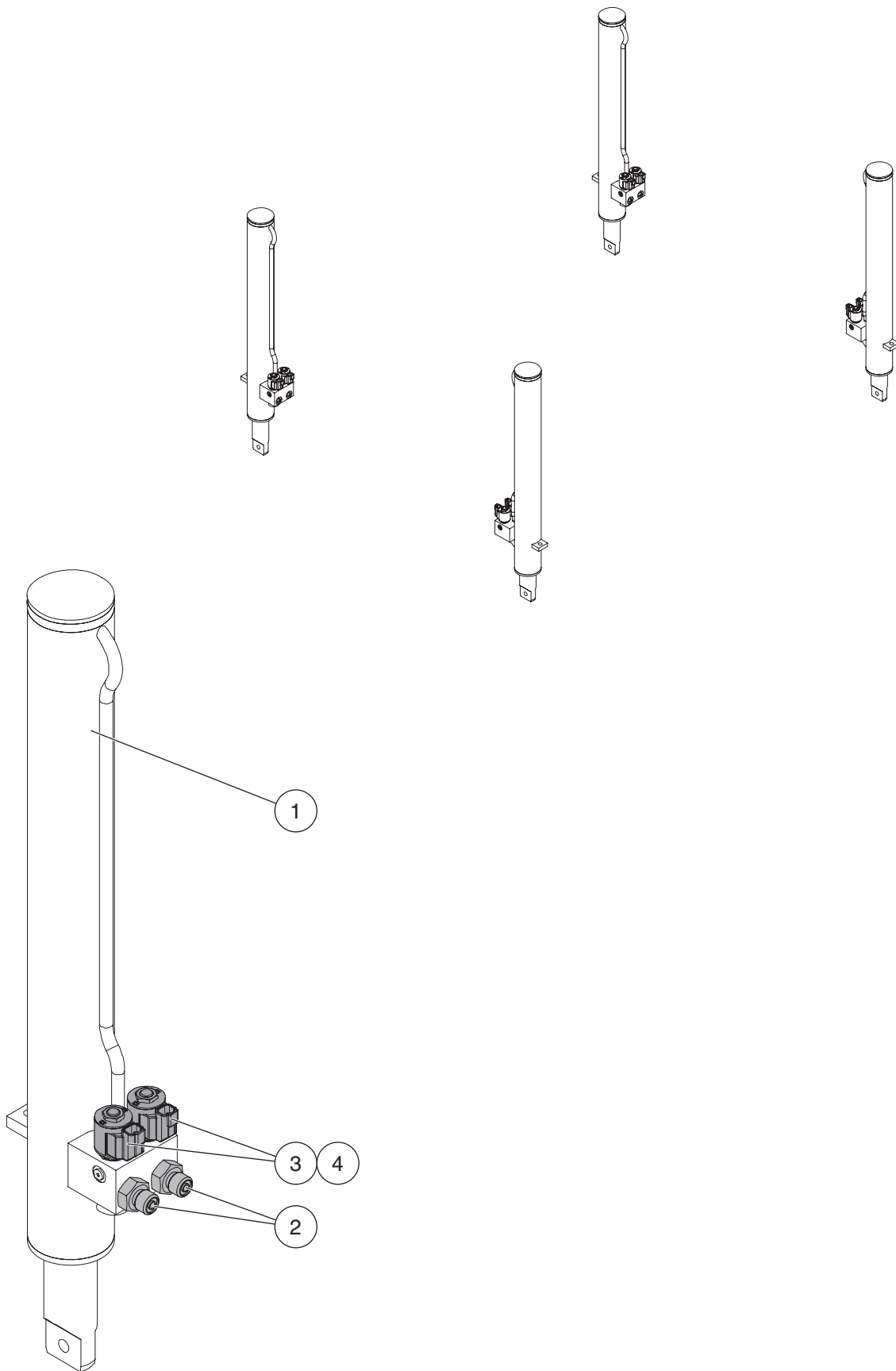


ILLUSTRATION No.  
ART\_4474

4069

OPTION -- Outrigger Cylinders

## OPTION -- Outrigger Cylinders

| ITEM | PART NO. | QTY | DESCRIPTION        |
|------|----------|-----|--------------------|
| 1    | 93031    | 4   | Outrigger Cylinder |
| --   | 93617    | --  | Seal Kit           |
| 2    | 50832    | 8   | MB-MFFORT-6-4      |
| 3    | 91464    | 8   | Valve              |
| 4    | 93615    | 8   | Coil               |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

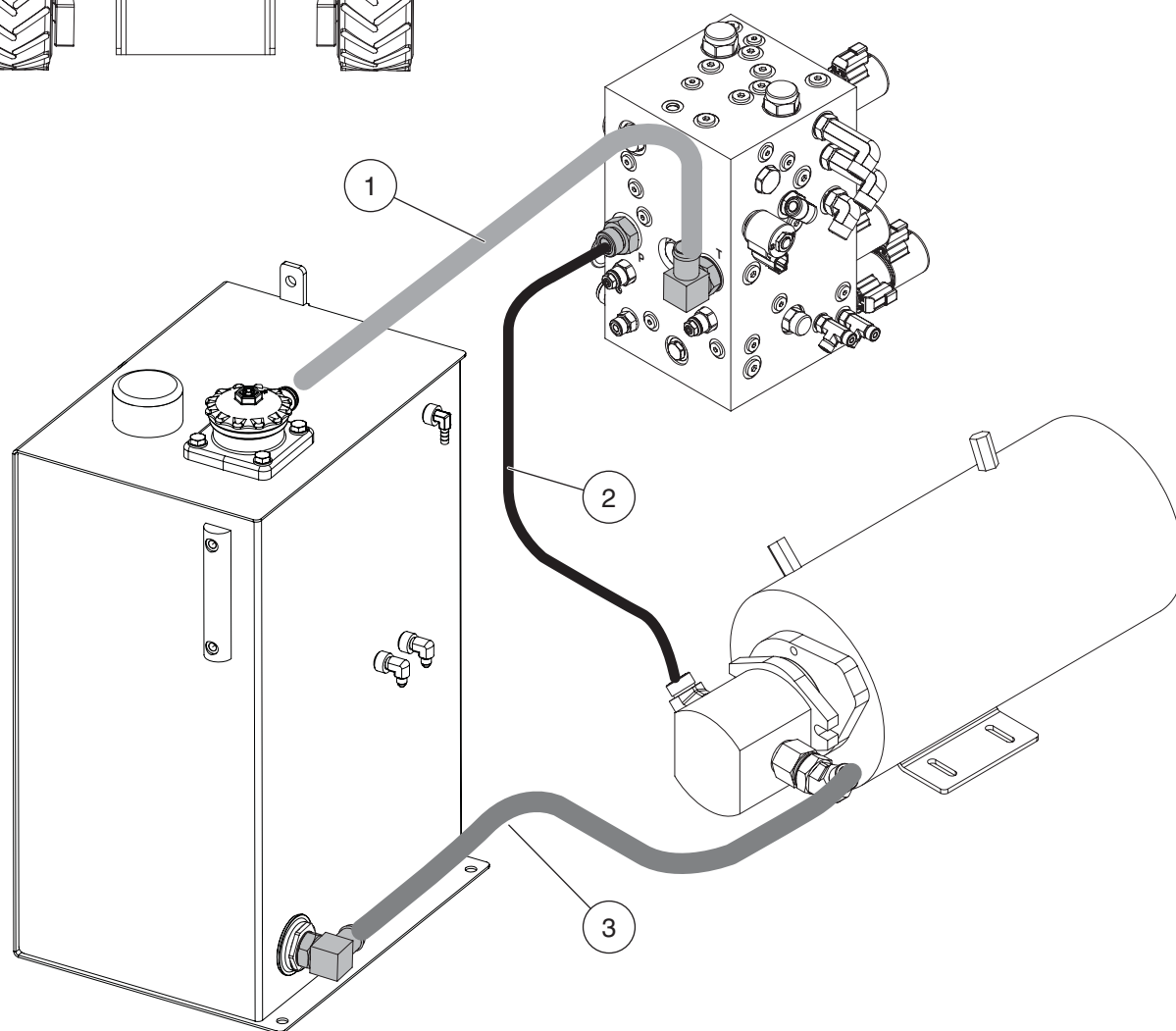
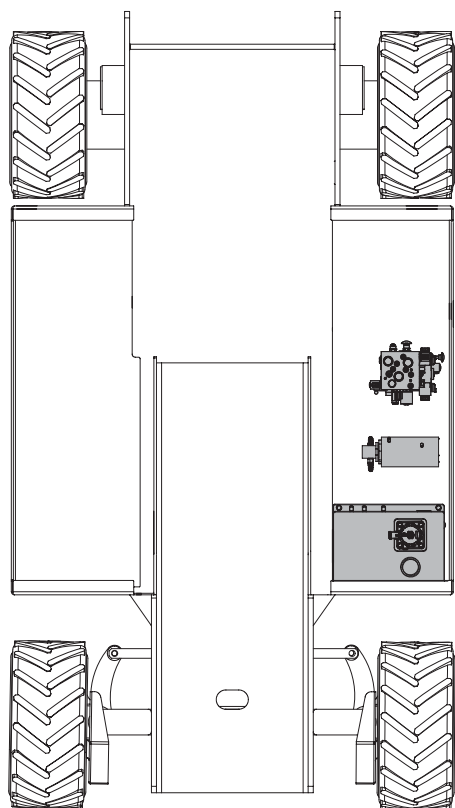


ILLUSTRATION No.  
ART\_4553

4069ERT

Pump Circuit

## Hoses -- Pump & Manifold

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                             | HOSE NAME     |
|------|----------------|------|---------------------------------------------------------|---------------|
| 1    | 52483          | 1    | Hose, 1" Premoflex x 44                                 | MF-T-R        |
| 2    | 52449          | 1    | Hose Assy, 1/2 x 11.5 inch, 08G-08FFORX -08G-08FFORX90L | PUMP PRESSURE |
| 3    | 52482          | 1    | Hose Assy, 1" Premoflex x 14.5                          | T-P-S         |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

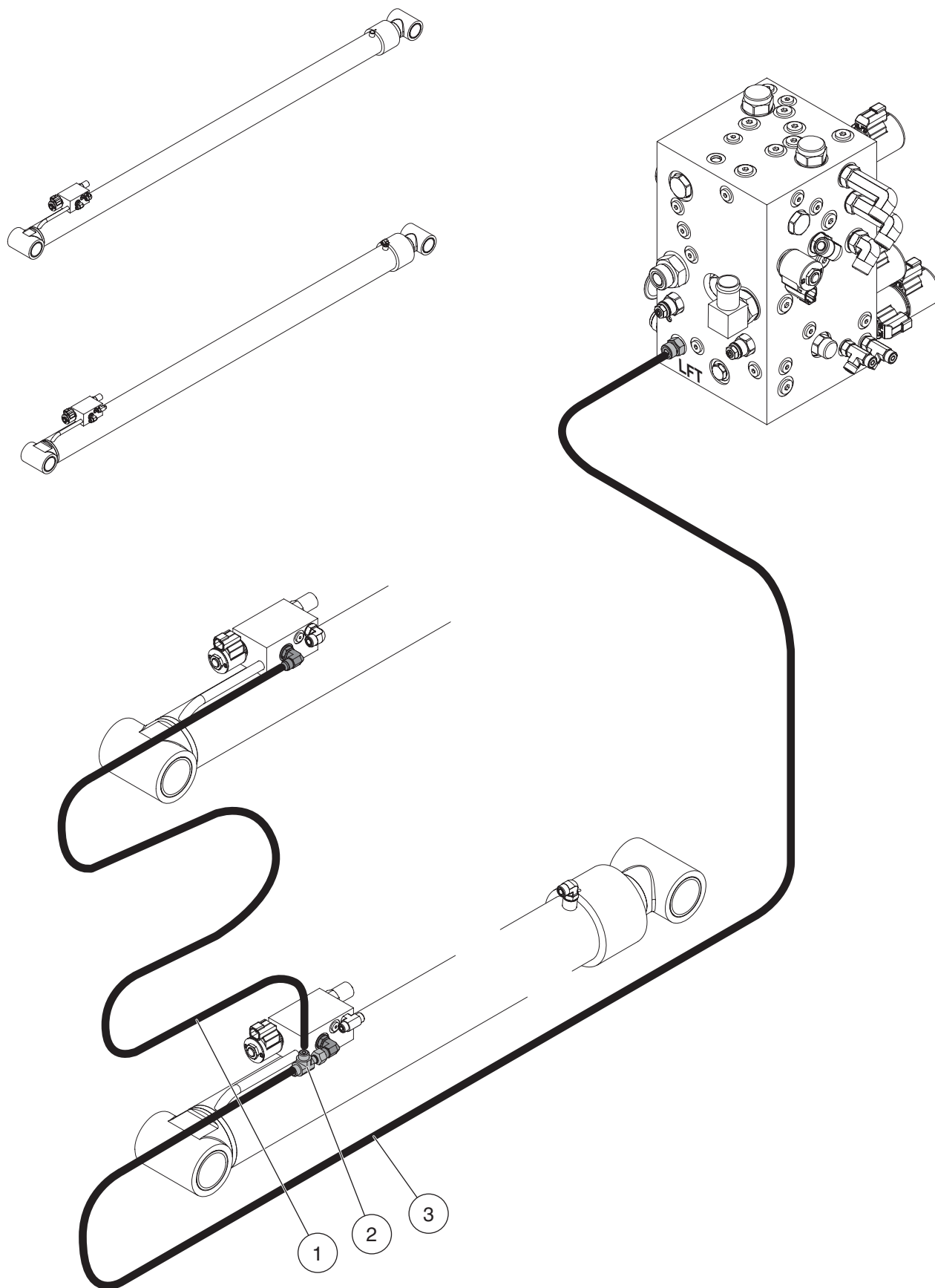


ILLUSTRATION No.  
ART\_4546

4069

Lift Circuit



## Hoses -- Lift Circuit

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                             | HOSE NAME  |
|------|----------------|------|---------------------------------------------------------|------------|
| 1    | 52450          | 1    | Hose Assy, 3/8 x 26'9" inch, 06G-06FJX - 06G-06FJX90    | UPPER LIFT |
| 2    | 50902          | 1    | Fitting, MJ-MJ-FXT-6                                    |            |
| 3    | 52451          | 1    | Hose Assy, 3/8 x 161.5" inch, 06G-06FJX -06G-06FFORX90L | LWR LIFT   |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

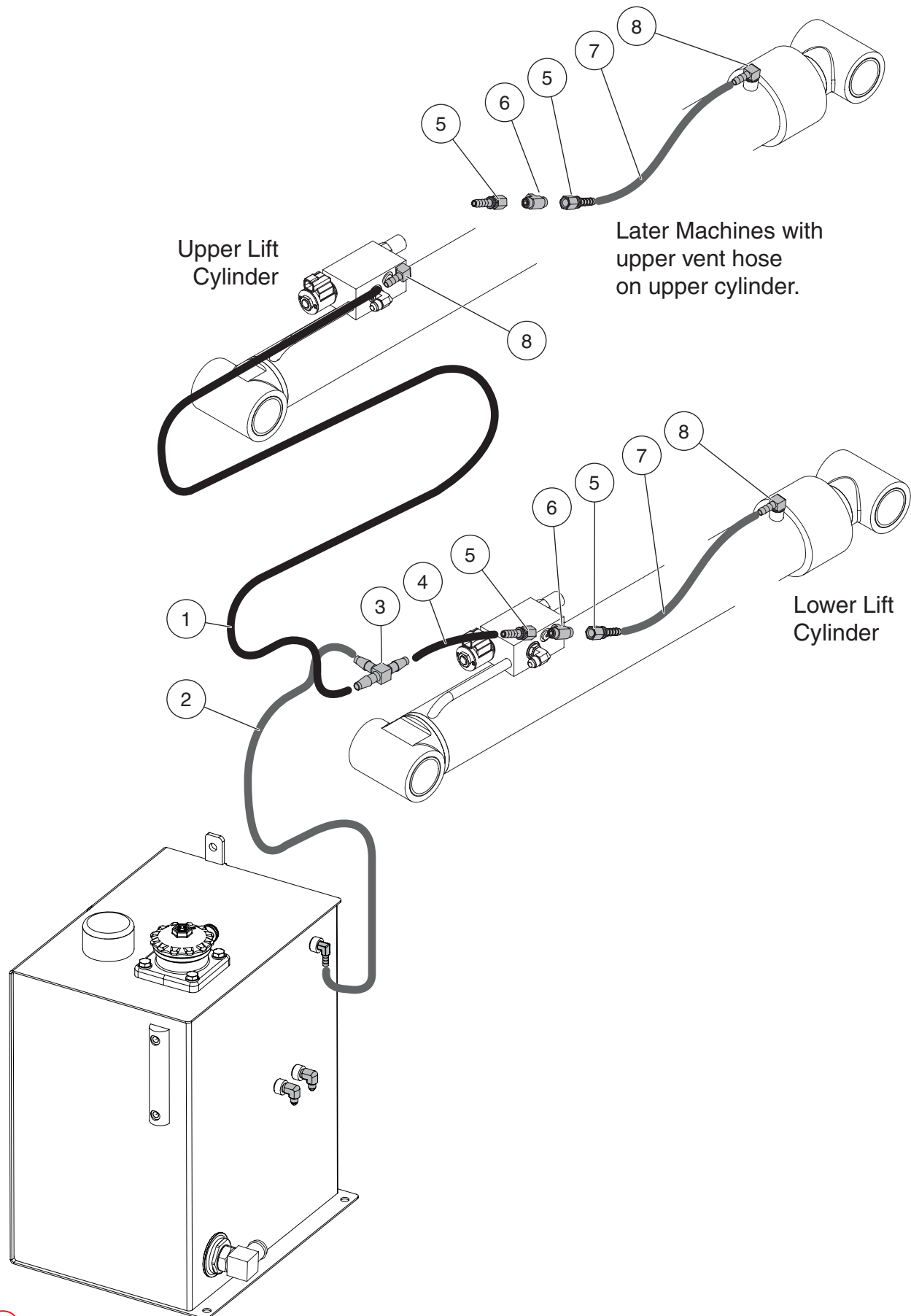


ILLUSTRATION No.  
ART\_4547

4069

Lift Cylinder Drain, Current Machines

## Hoses -- Lift Cylinder Drain, Current Machines

| ITEM | PART<br>NUMBER | QTY.   | DESCRIPTION               |
|------|----------------|--------|---------------------------|
| 1    | 50959          | as req | Hose, 5/16" Fuel Line     |
| 2    | 50959          | as req | Hose, 5/16" Fuel Line     |
| 3    | 51144          | 1      | Fitting, 5/16" Barbed Tee |
| 4    | 50959          | as req | Hose, 5/16" Fuel Line     |
| 5    | 51143          | 2      | Fitting, 5/16" Nipple     |
| 6    | 50905          | 1      | Fitting, MJ-MJ-MPT-5-5-4  |
| 7    | 50959          | as req | Hose, 5/16" Fuel Line     |
| 8    | 51142          | 2      | Fitting, 5/16 Barbed 90   |

Later machines with upper vent hose on upper cylinder

|   |       |        |                          |
|---|-------|--------|--------------------------|
| 5 | 51143 | 4      | Fitting, 5/16" Nipple    |
| 6 | 50905 | 2      | Fitting, MJ-MJ-MPT-5-5-4 |
| 7 | 50959 | as req | Hose, 5/16" Fuel Line    |
| 8 | 51142 | 2      | Fitting, 5/16 Barbed 90  |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

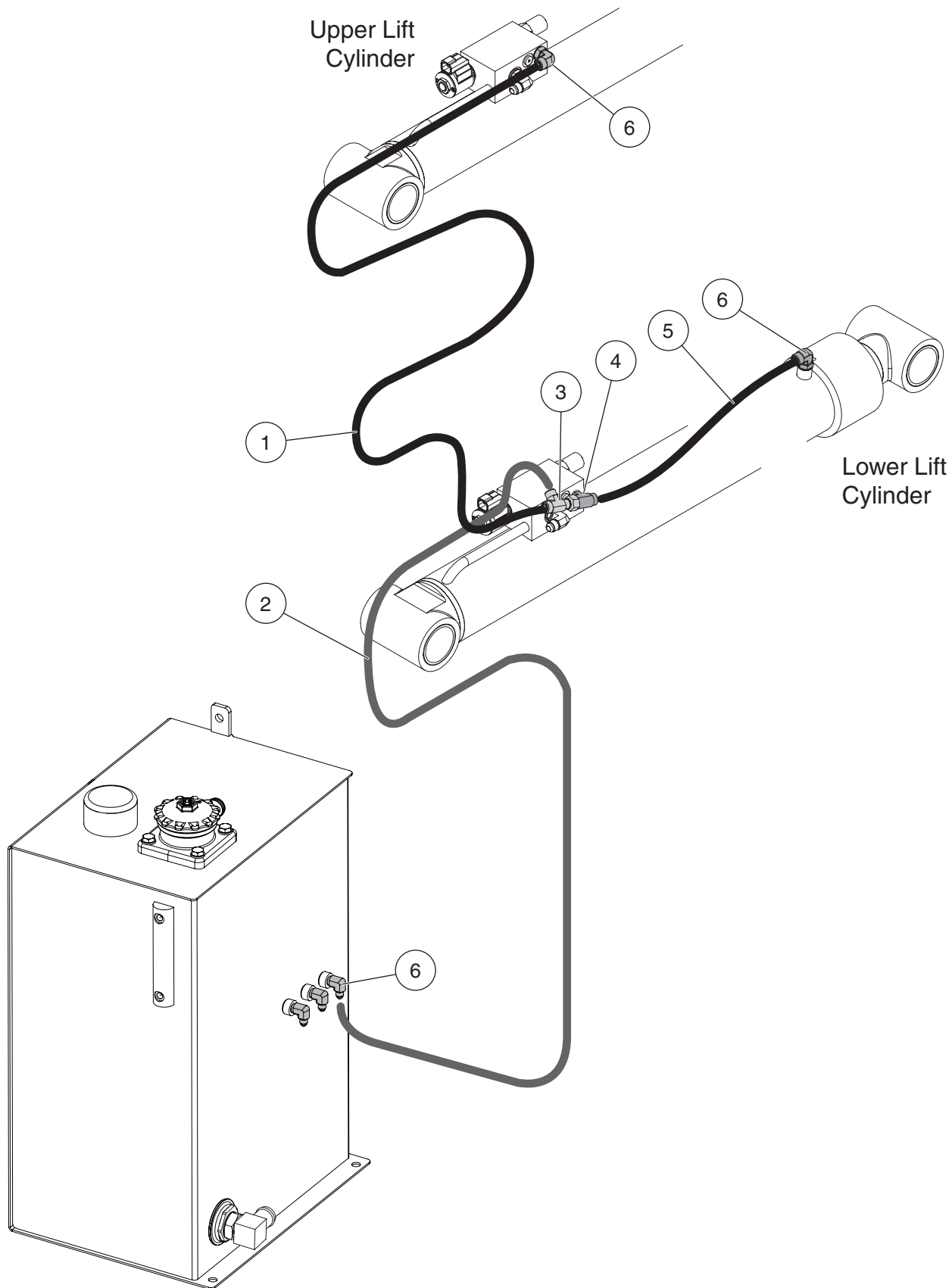


ILLUSTRATION No.  
ART\_4555

4069

Lift Cylinder Drain, Early Machines

## Hoses -- Lift Cylinder Drain, Early Machines

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                     | HOSE NAME  |
|------|----------------|------|-------------------------------------------------|------------|
| 1    | 52479          | 1    | Hose Assy, 04G-04FJX-04G-04FJX, 322 inches      | UPPER VENT |
| 2    | 52481          | 1    | Hose Assy, 04G-04FJX-04G-04FFORX90S, 198 inches | LOWER VENT |
| 3    | 50892          | 1    | Fitting, MJ-FJX-MJT-4-4-4                       |            |
| 4    | 51130          | 1    | Fitting, MJ-MJ-MPT-4-4-4                        |            |
| 5    | 52480          | 1    | Hose Assy, 04G-04FJX- 04G-04FJX45, 49.5 inches  | JUMP VENT  |
| 6    | 50664          | 3    | Fitting, MJ-MP90-4-4                            |            |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

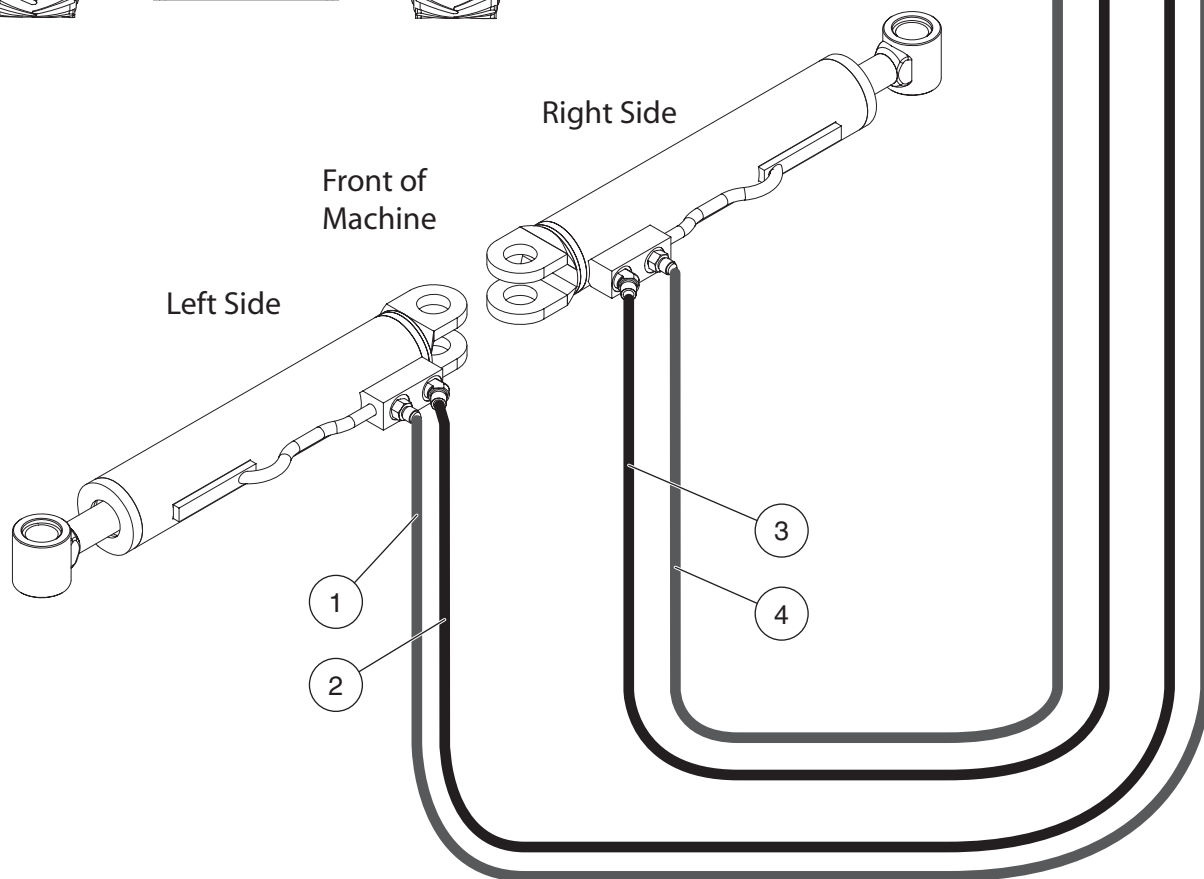
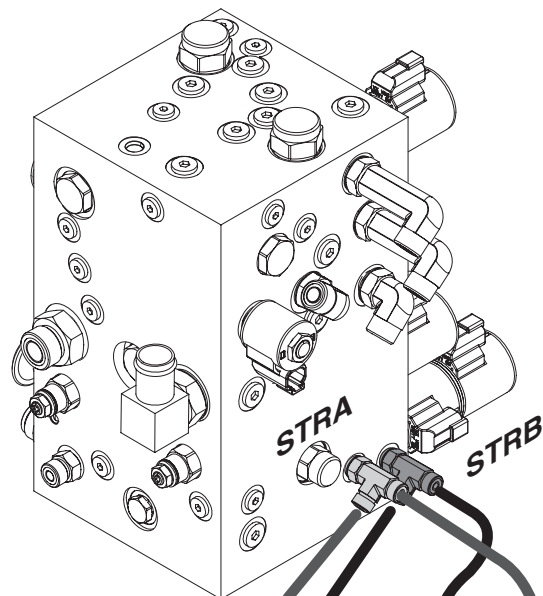
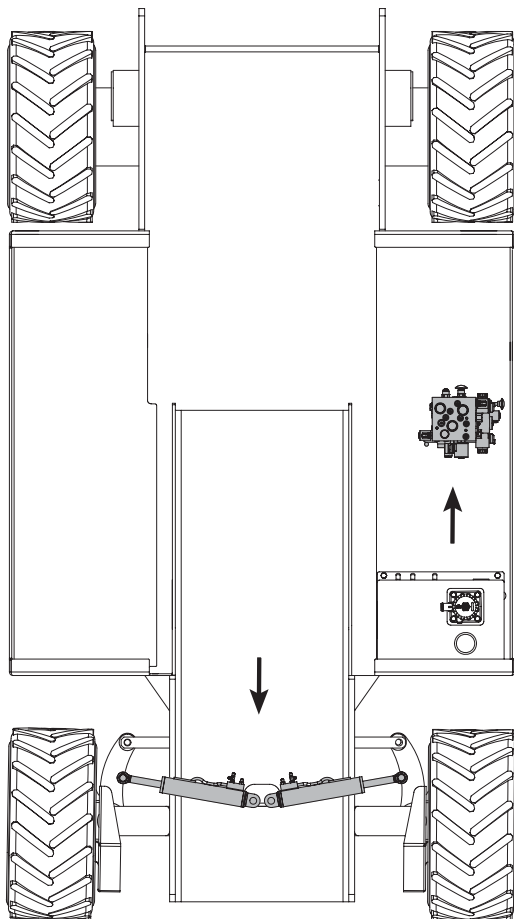


ILLUSTRATION No.  
ART\_4545

4069

Steer Circuit

## Hoses -- Steer Circuit

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                            | HOSE NAME |
|------|----------------|------|--------------------------------------------------------|-----------|
| 1    | 52466          | 1    | Hose Assy, 1/4 x 61.5 inch, 04G-04FFORX-04G-04FFORX90S | STL A     |
| 2    | 52460          | 1    | Hose Assy, 1/4 x 60.5 inch, 04G-04FFORX-4G-4FFORX 45   | STL B     |
| 3    | 52467          | 1    | Hose Assy, 1/4 x 67 inch, 04G-04FFORX-04G-04FFORX90S   | STR-B     |
| 4    | 52459          | 1    | Hose Assy, 1/4 x 67.25 inch, 04G-04FFORX-4G-4FFORX 45  | STR A     |

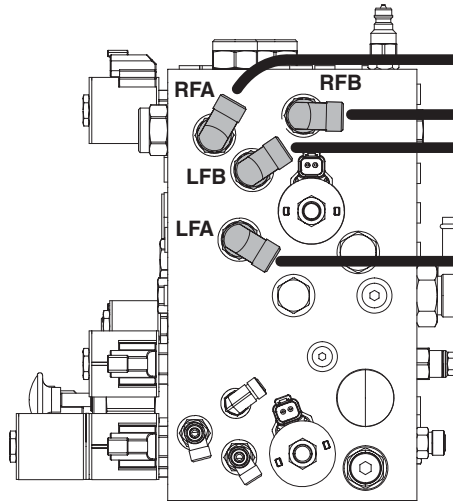
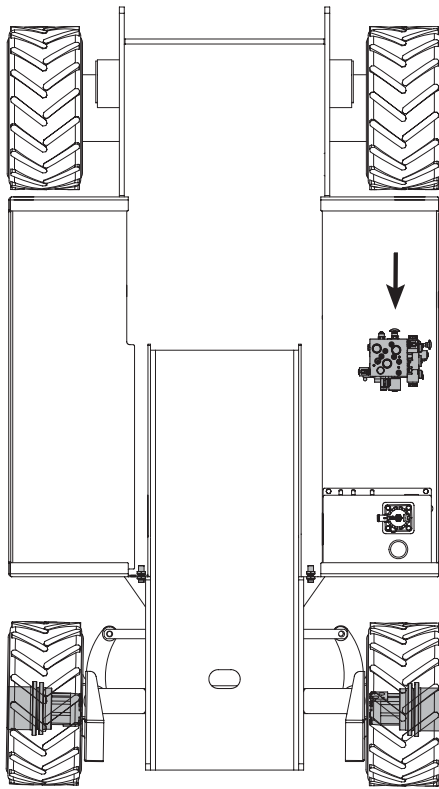


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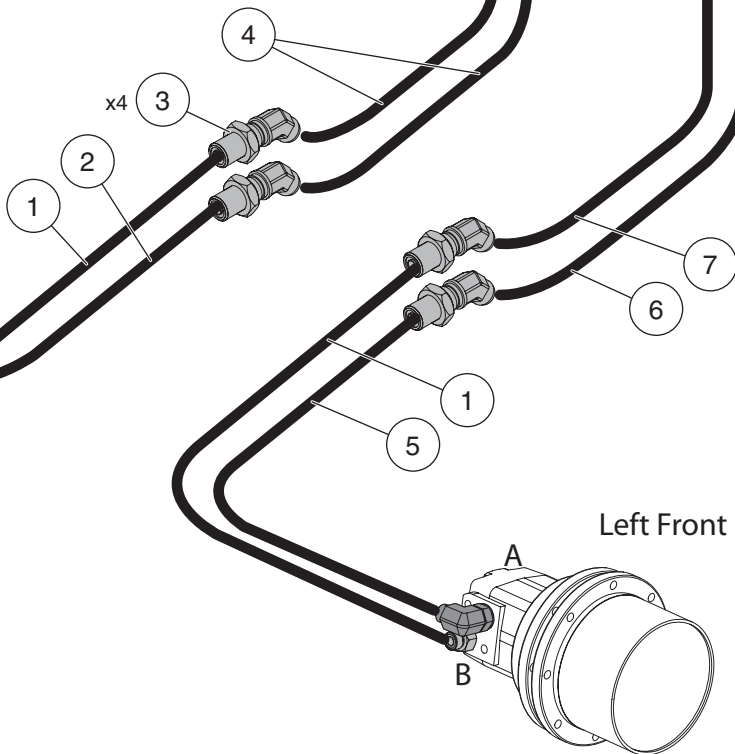
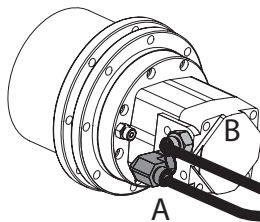
• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



Right Front



Left Front

Drive Circuit -- Front Wheels



ILLUSTRATION No.  
ART\_4548

4069



## Hoses -- Drive Circuit, Front Wheels

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                             | HOSE NAME         |
|------|----------------|------|---------------------------------------------------------|-------------------|
| 1    | 52444          | 2    | Hose Assy, 1/2 x 36 inch, 08G-08FFORX -08G-08FFORX90S   | D-LF-B-BH/RF-A-BH |
| 2    | 52445          | 1    | Hose Assy, 1/2 x 33 inch, 08G-08FFORX -08G-08FFORX90S   | D-RF-B-BH         |
| 3    | 51112          | 4    | Fitting, MFFOR-MB45-8-8 Bulkhead                        |                   |
| 4    | 52448          | 2    | Hose Assy, 1/2 x 80 inch, 08G-08FFORX -08G-08FFORX      | D-RF-B-MF         |
| 5    | 52443          | 1    | Hose Assy, 1/2 x 31.5 inch, 08G-08FFORX -08G-08FFORX90S | D-LF-A-BH         |
| 6    | 52447          | 1    | Hose Assy, 1/2 x 55.5 inch, 08G-08FFORX -08G-08FFORX    | D-LF-A-MF         |
| 7    | 52446          | 1    | Hose Assy, 1/2 x 55.5 inch, 08G-08FFORX -08G-08FFORX45S | D-LF-B-MF         |



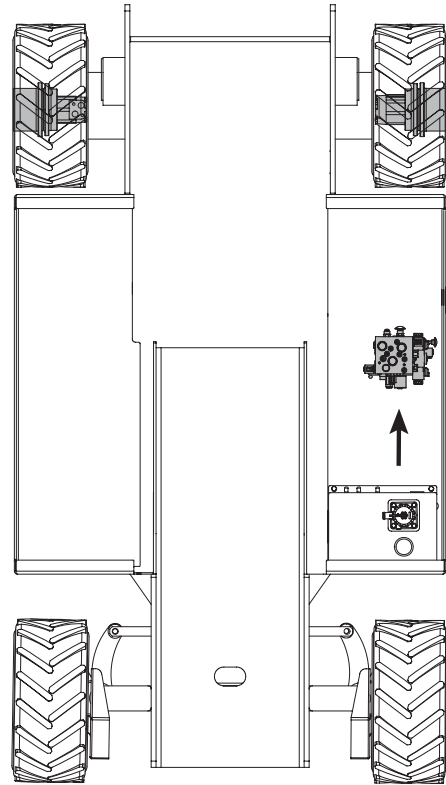
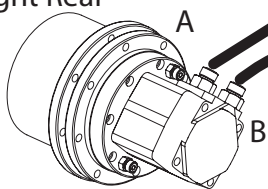
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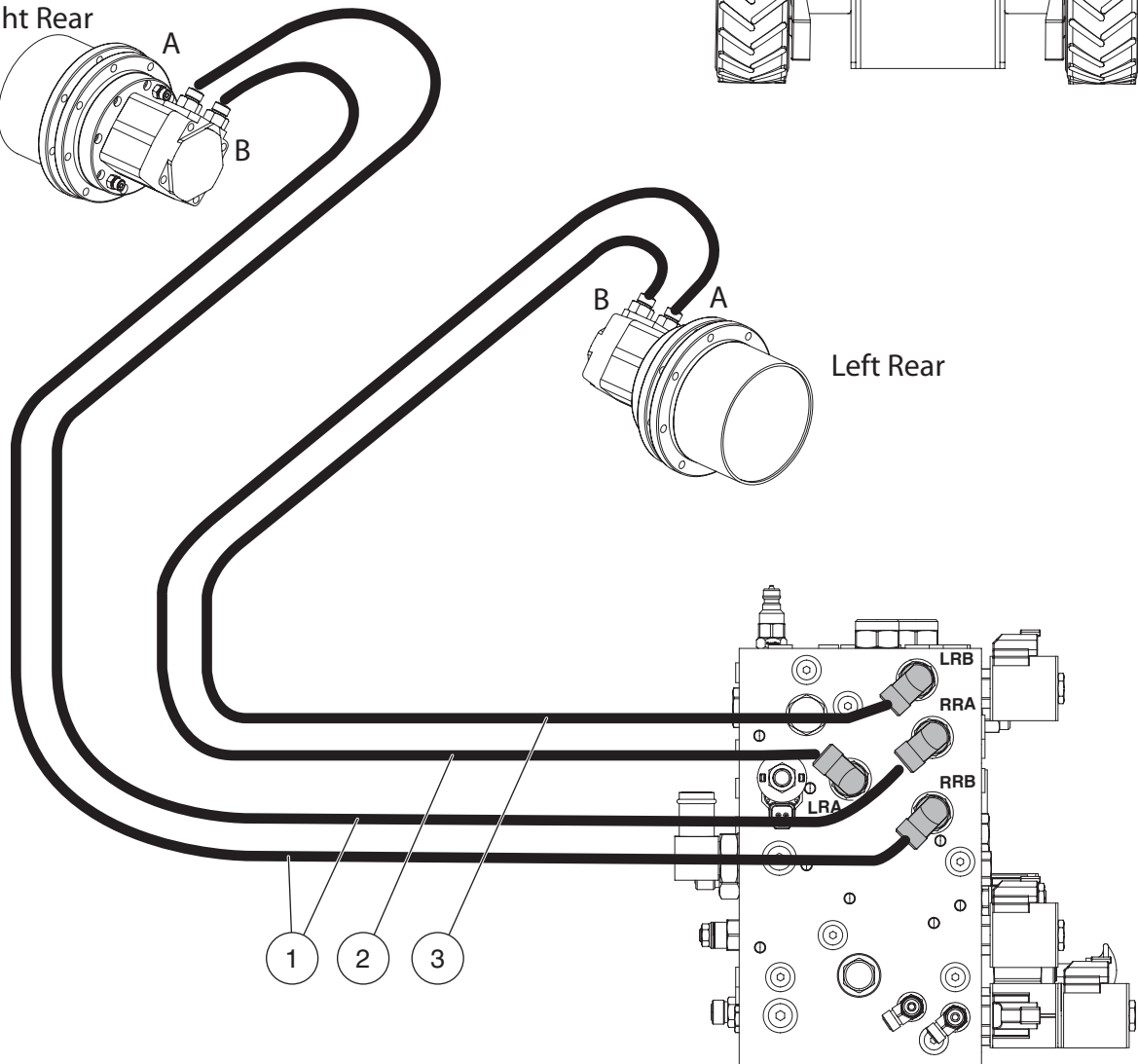
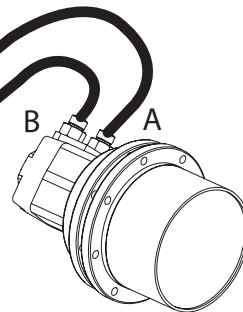
• NS: Not a Stock item

• REF: Reference only

Right Rear



Left Rear



Drive Circuit -- Rear Wheels



ILLUSTRATION No.  
ART\_4549

4069

## Hoses -- Drive Circuit, Rear Wheels

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                           | HOSE NAME |
|------|----------------|------|-------------------------------------------------------|-----------|
| 1    | 52442          | 2    | Hose Assy, 1/2 x 90 inch, 08G-08FFORX -08G-08FFORX90S | D-RR-A/B  |
| 2    | 52440          | 1    | Hose Assy, 1/2 x 66 inch, 08G-08FFORX -08G-08FFORX90S | D-LR-A    |
| 3    | 52441          | 1    | Hose Assy, 1/2 x 67 inch, 08G-08FFORX -08G-08FFORX90S | D-LR-B    |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

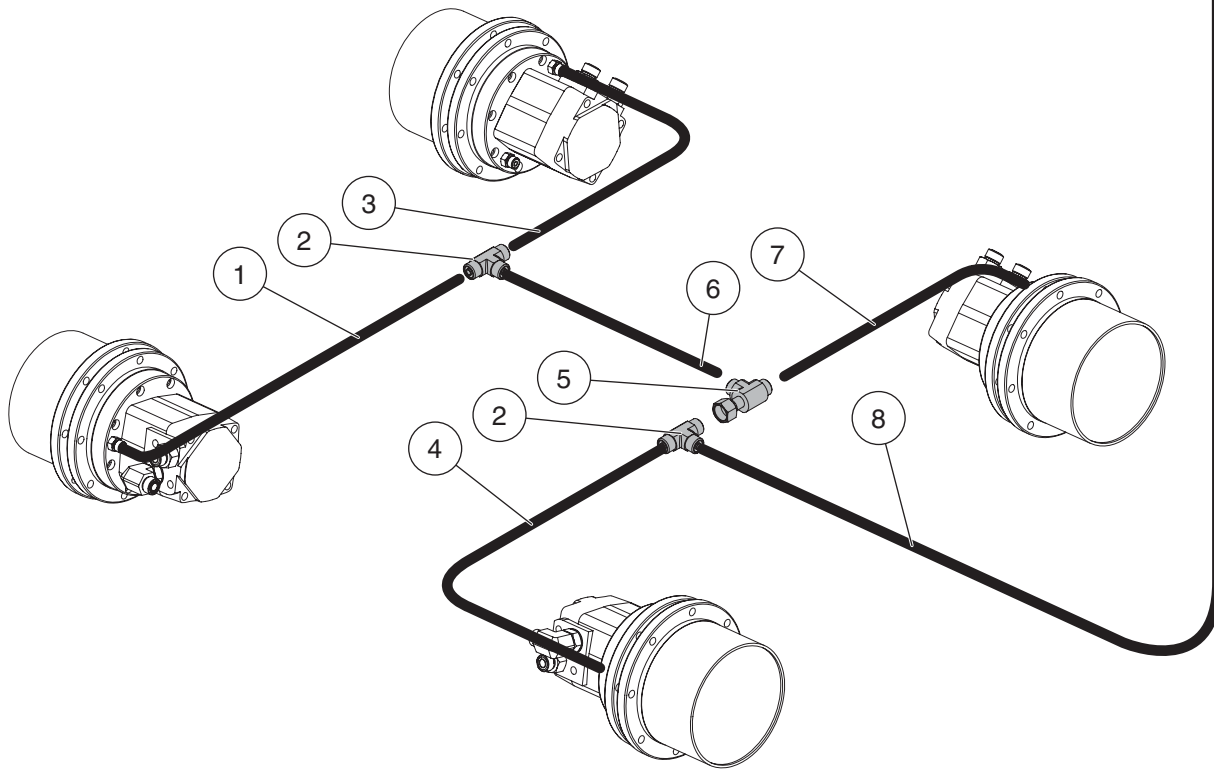
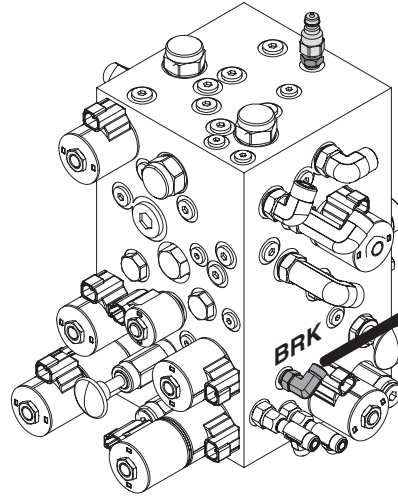
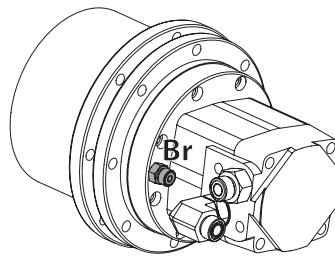
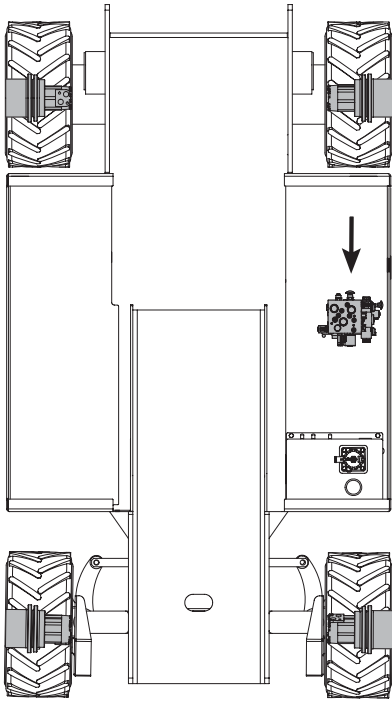


ILLUSTRATION No.  
ART\_4550

4069

Brake Circuit

## Hoses -- Brake Circuit

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                          | HOSE NAME   |
|------|----------------|------|------------------------------------------------------|-------------|
| 1    | 52462          | 1    | Hose Assy, 1/4 x 79 inch, 04G-04FFORX-4G-4FFORX 45   | RF-BRK      |
| 2    | 50878          | 2    | Fitting, MFFORT-4                                    |             |
| 3    | 52464          | 1    | Hose Assy, 1/4 x 45 inch, 04G-04FFORX-4G-4FFORX 45   | RR-BRK      |
| 4    | 52461          | 1    | Hose Assy, 1/4 x 73.5 inch, 04G-04FFORX-4G-4FFORX 45 | LF-BRK      |
| 5    | 50864          | 1    | Fitting, MFFOR-MFFOR-FFORX-4                         |             |
| 6    | 52468          | 1    | Hose Assy, 1/4 x 30 inch, 04G-04FFORX-04G-04FFORX90S | R-BRK-CROSS |
| 7    | 52463          | 1    | Hose Assy, 1/4 x 48.5 inch, 04G-04FFORX-4G-4FFORX 45 | LR-BRK      |
| 8    | 52465          | 1    | Hose Assy, 1/4 x 22 inch, 04G-04FFORX-4G-4FFORX 45   | MF-T-BRK    |

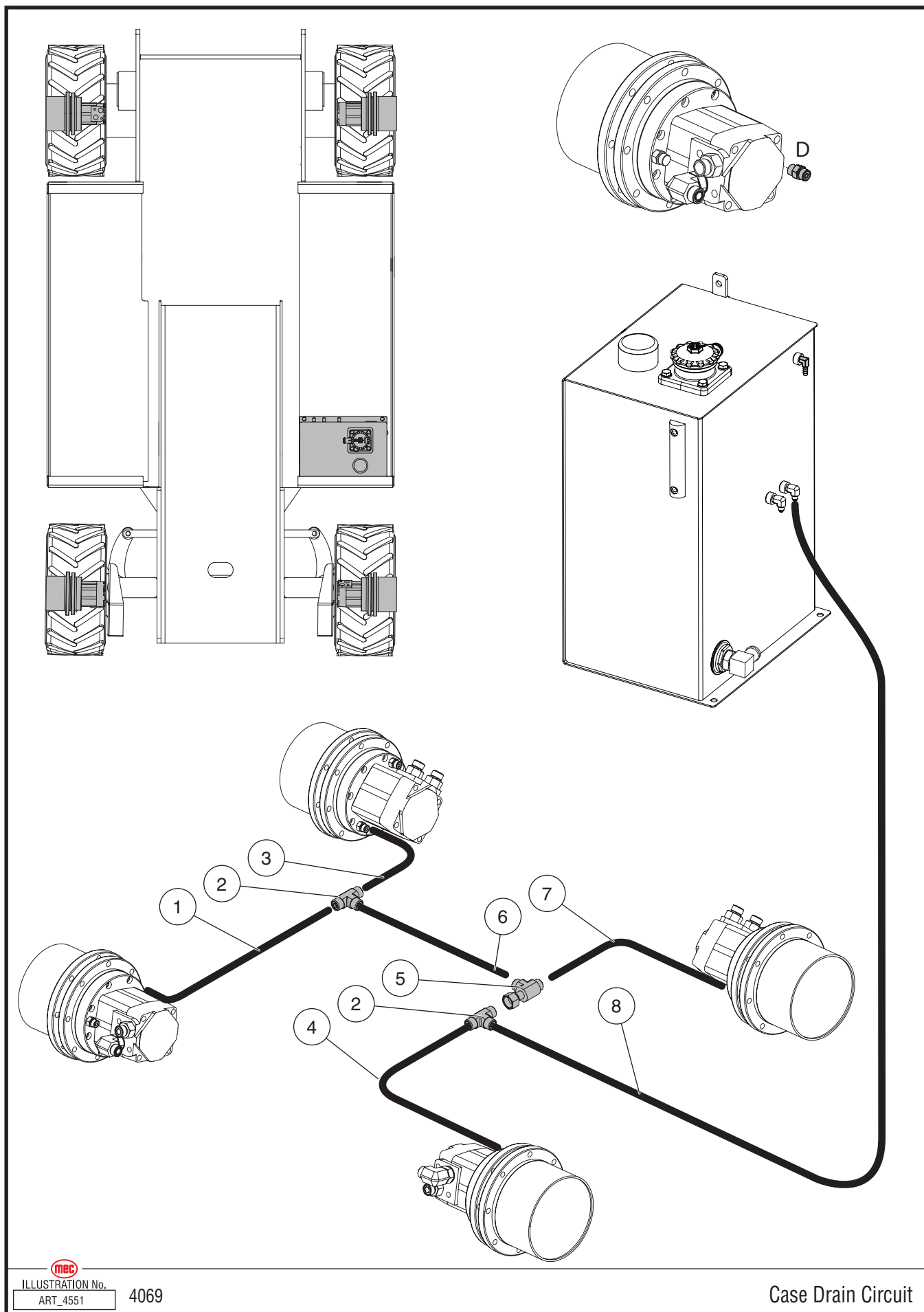


• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



## Hoses -- Case Drain Circuit

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                             | HOSE NAME |
|------|----------------|------|---------------------------------------------------------|-----------|
| 1    | 52454          | 1    | Hose Assy, 1/4 x 84.5 inch, 04G-04FFORX-04G-04FFORX     | RF-CD     |
| 2    | 50878          | 2    | Fitting, MFFORT-4                                       |           |
| 3    | 52455          | 1    | Hose Assy, 1/4 x 39 inch, 04G-04FFORX-04G-04FFORX       | RR-CD     |
| 4    | 52452          | 1    | Hose Assy, 1/4 x 65 inch, 04G-04FFORX-04G-04FFORX       | LF-CD     |
| 5    | 50864          | 1    | Fitting, MFFOR-MFFOR-FFORX-4                            |           |
| 6    | 52469          | 1    | Hose Assy, 1/4 x 44 inch, 04G-04FFORX-04G-04FFORX90S    | T-CD      |
| 7    | 52453          | 1    | Hose Assy, 1/4 x 59 inch, 04G-04FFORX-04G-04FFORX       | LR-CD     |
| 8    | 52470          | 1    | Hose Assy, 1/4 x 18.25 inch, 04G-04FFORX-04G-04FFORX90S | TNK-CD    |

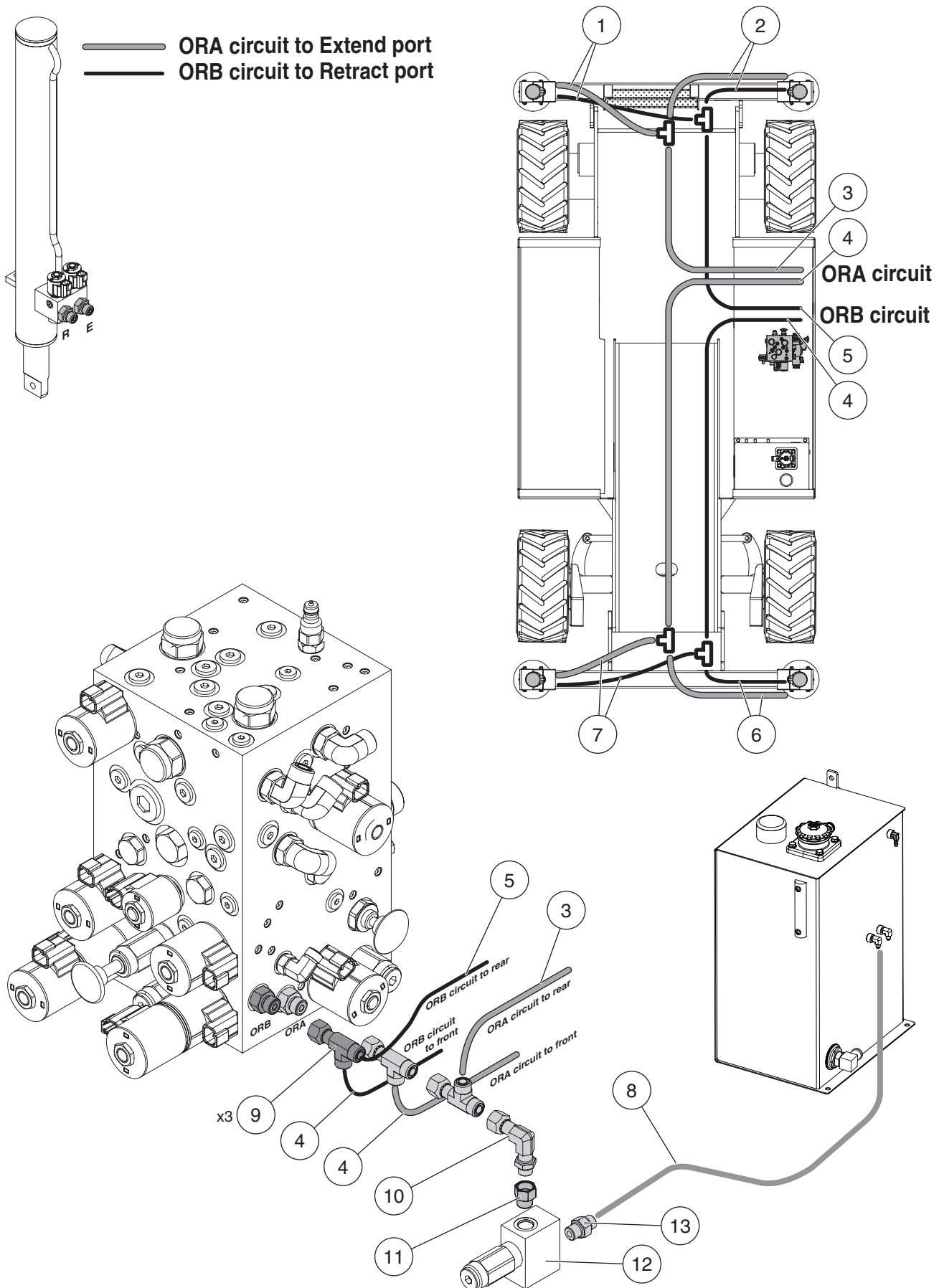


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• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



MEC  
 ILLUSTRATION No.  
 ART\_4552

4069

OPTION -- Outrigger Circuit



## Hoses -- Outrigger Circuit

| ITEM | PART<br>NUMBER | QTY. | DESCRIPTION                                             | HOSE NAME |
|------|----------------|------|---------------------------------------------------------|-----------|
| 1    | 52474          | 2    | Hose Assy, 1/4 x 43.75 inch, 04G-04FFORX-04G-04FFORX90S | ORR-R-A/B |
| 2    | 52458          | 2    | Hose Assy, 1/4 x 17.5 inch, 04G-04FFORX-04G-04FFORX     | ORR-L-A/B |
| 3    | 52472          | 1    | Hose Assy, 1/4 x 59 inch, 04G-04FFORX-04G-04FFORX90S    | ORR-A     |
| 4    | 52456          | 2    | Hose Assy, 1/4 x 86 inch, 04G-04FFORX-04G-04FFORX       | ORF-B/A   |
| 5    | 52471          | 1    | Hose Assy, 1/4 x 61.25 inch, 04G-04FFORX-04G-04FFORX90S | ORR-B     |
| 6    | 52457          | 2    | Hose Assy, 1/4 x 20.5 inch, 04G-04FFORX-04G-04FFORX     | ORF-L-A/B |
| 7    | 52473          | 2    | Hose Assy, 1/4 x 40 inch, 04G-04FFORX-04G-04FFORX90S    | ORF-R-A/B |
| 8    |                | 1    | Hose Assy, 1/4 x 6 inch, 04G-04FFORX-04G-04FFORX90S     | OR RET    |
| 9    | 50809          | 3    | Fitting, MFFOR-FFORX-MFFOR-4                            |           |
| 10   | 51074          | 1    | Fitting, FFORX-MB90-4-4                                 |           |
| 11   | 51137          | 1    | Fitting, MB-FB-6-4                                      |           |
| 12   | 93288          | 1    | Relief Valve Assembly                                   |           |
| 13   | 51127          | 1    | Fitting, MB-MFFOR-6-4                                   |           |



• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only

**NOTES:**

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• as req: as required

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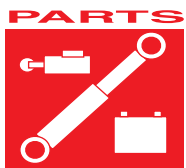
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• REF: Reference only





# SECTION F

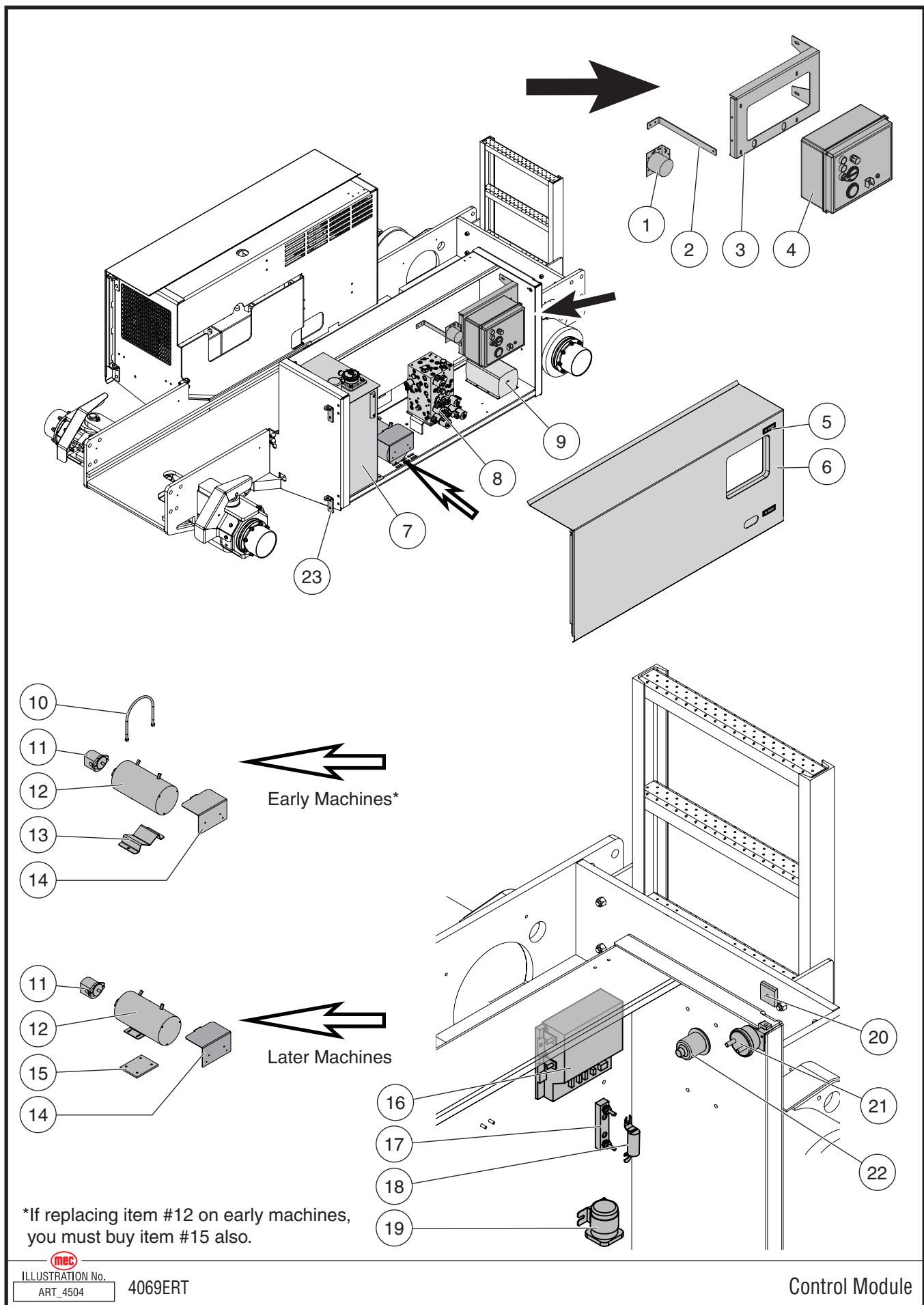
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## Control Module

| ITEM | PART NO. | QTY | DESCRIPTION                         |
|------|----------|-----|-------------------------------------|
| 1    | 91539    | 1   | Alarm                               |
| 2    | 21462    | 1   | Brace                               |
| 3    | 19271    | 1   | Bracket                             |
| 4    | REF      | 1   | Lower Controls -- See Section A     |
| 5    | 8386     | 1   | Door Latch                          |
| 6    | 21333    | 1   | Controls Module Door                |
| 7    | REF      | 1   | Hydraulic Tank -- See Section E     |
| 8    | REF      | 1   | Functions Manifold -- See Section E |
| 9    | 91633    | 1   | Battery Charger                     |
| 10   | 93111    | 1   | U-Bolt                              |
| 11   | REF      | 1   | Hydraulic Pump -- See Section E     |
| 12   | 93081*   | 1   | Electric Motor, 48v DC              |
| 13   | 21469    | 1   | Motor Bracket                       |
| 14   | 21486    | 1   | Splash Guard                        |
| 15   | 21484    | 1   | Spacer                              |
| 16   | 91658    | 1   | P600 Motor Controller               |
| 17   | 19471    | 1   | Fuse Holder                         |
| 18   | 91709    | 1   | 300 Amp Fuse                        |
| 19   | 91745    | 1   | Contact, 48v                        |
| 20   | 14896    | 1   | Door Slide Block                    |
| 21   | 8841     | 1   | Switch, Battery Cutoff              |
| 22   | 90749    | 1   | Plug, Power To Platform             |
| 23   | 24146    | 2   | Door Mount                          |

\*If replacing item #12 on early machines, you must buy item #15 also.



• as req: as required

• INCL: Included with assembly

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• REF: Reference only

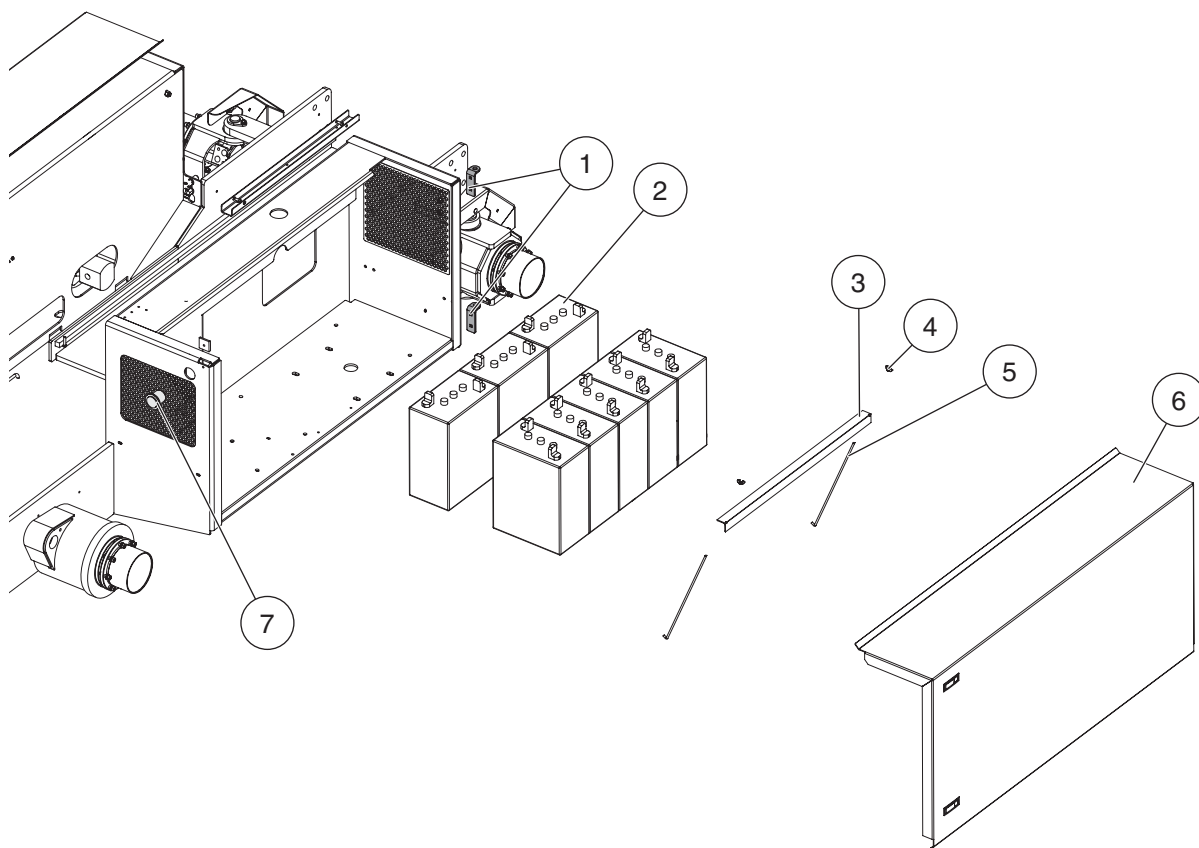


ILLUSTRATION No.  
ART\_4505

4069ERT

Battery Module

## Battery Module

| ITEM | PART NO. | QTY | DESCRIPTION             |
|------|----------|-----|-------------------------|
| 1    | 24146    | 2   | Door Mount              |
| 2    | 91641    | 8   | Battery, 375aH UL16     |
| 3    | 21376    | 1   | Battery Bracket         |
| 4    | HDW6110  | 2   | Wing Nut, 1/4-20        |
| 5    | 92976    | 2   | J-Bolt                  |
| 6    | 89024    | 1   | Door Assembly           |
| --   | 8386     | --  | Door Latch              |
| 7    | 90749    | 1   | Plug, Power To Platform |

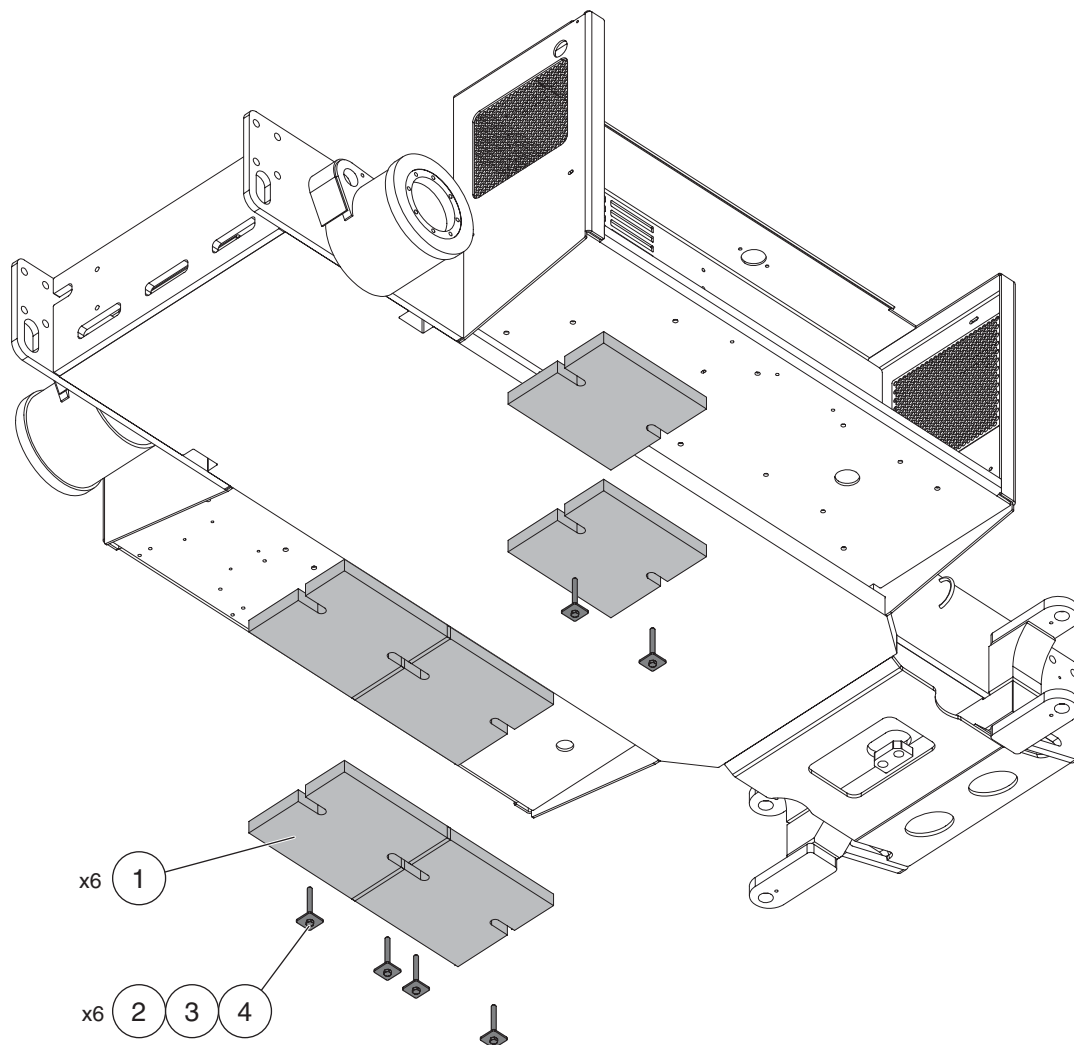


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Counterweight not used on machines  
equipped with optional outriggers.

Counterweight Assembly



ILLUSTRATION No.  
ART\_4506

4069ERT

## Counterweight Assembly

| ITEM | PART NO. | QTY  | DESCRIPTION                    |
|------|----------|------|--------------------------------|
| 1    | 15140*   | 6    | Ballast Plate                  |
| 2    | 50250    | 6/12 | Bolt, M12 x 110                |
| 3    | 50417    | 6/12 | Washer, Square, 5/8 x 3/16 x 2 |
| 4    | 50054    | 6/12 | Nut, M12 Nylock                |

Counterweight not used on machines equipped with optional outriggers.

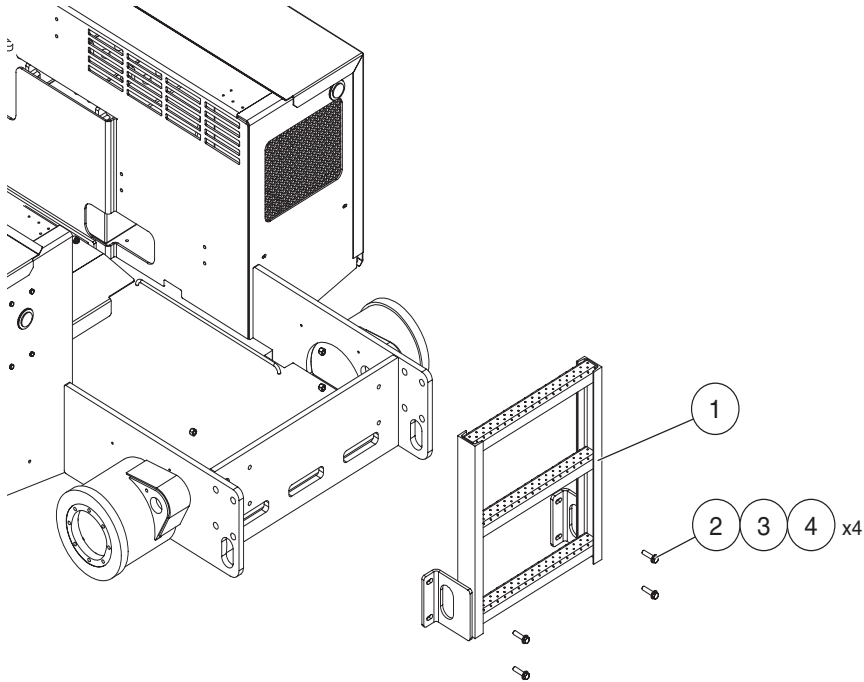


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Standard Machines without Outriggers

Machines with optional GSE Platforms

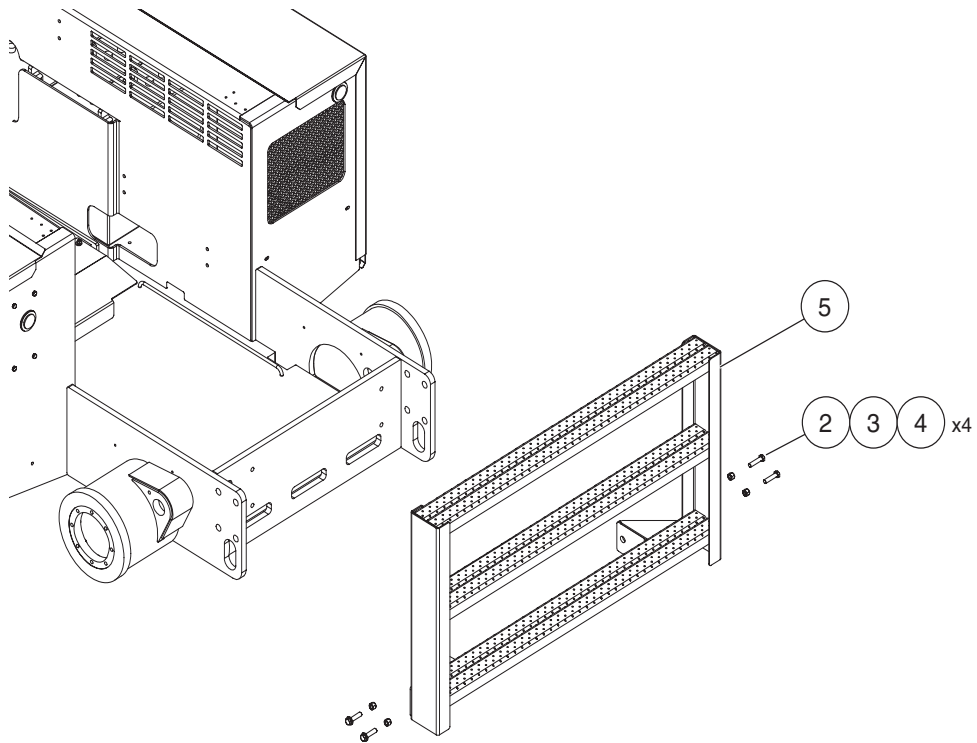


ILLUSTRATION No.  
ART\_4453

4069

Ladders

## Ladders

| ITEM | PART NO. | QTY | DESCRIPTION                 |
|------|----------|-----|-----------------------------|
| 1    | 21338    | 1   | Ladder Weldment, Standard   |
| 2    | 50250    | 4   | Bolt, M12 x 50              |
| 3    | 50003    | 4   | Washer, M12 Std             |
| 4    | 50050    | 4   | Nut, M12 Nylock             |
| 5    | 21533    | 1   | Ladder Weldment, GSE Option |

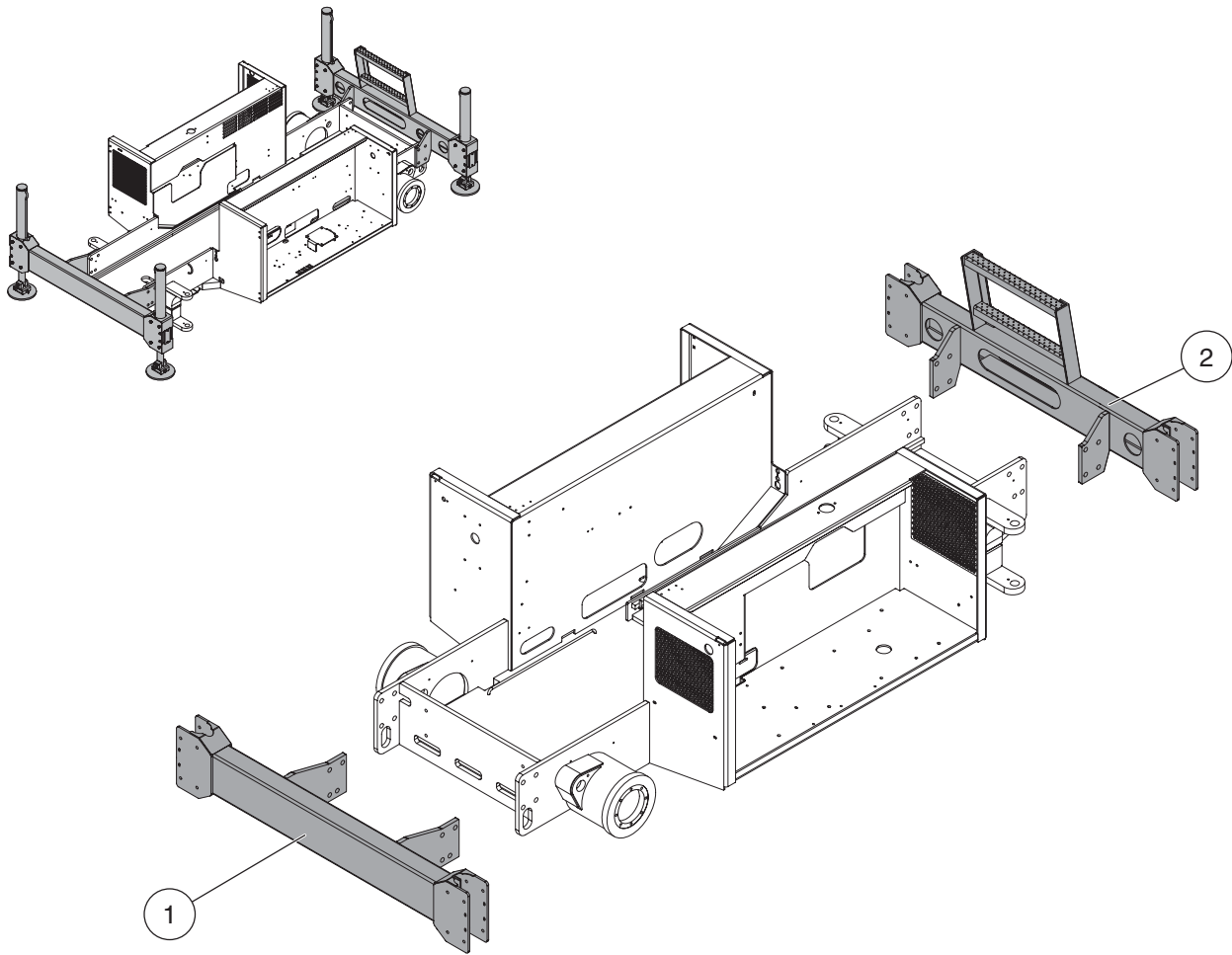


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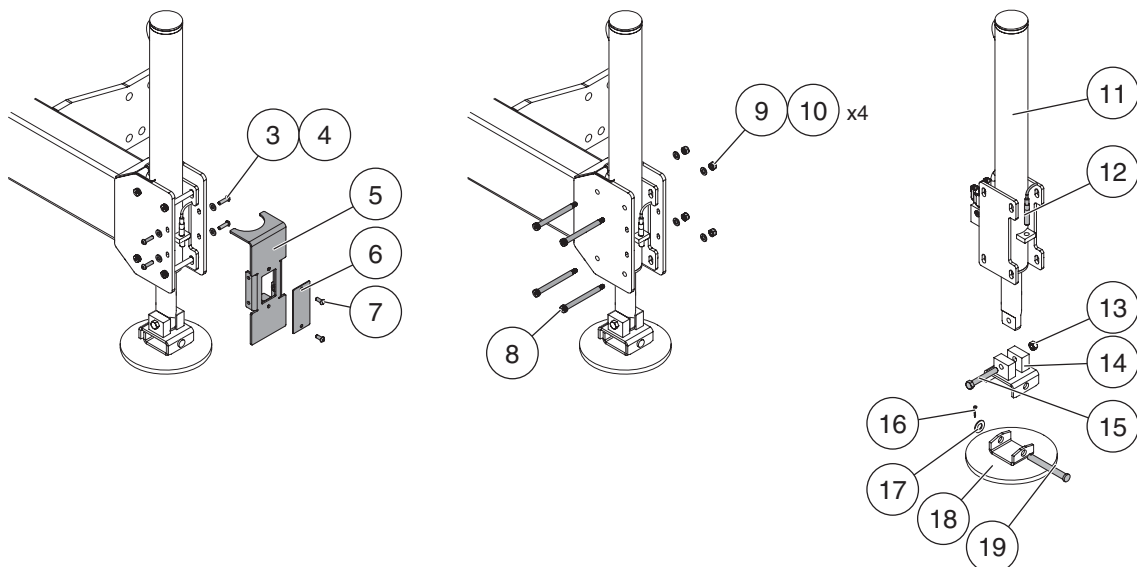
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• NS: Not a Stock item

• REF: Reference only



#### Each Outrigger



**meC**  
ILLUSTRATION No. 4069  
ART\_4452

OPTION -- Outriggers



## OPTION -- Outriggers

| ITEM | PART NO. | QTY | DESCRIPTION                                                |
|------|----------|-----|------------------------------------------------------------|
| 1    | 21428    | 1   | Front Outrigger Weldment                                   |
| 2    | 21429    | 1   | <b>Standard Machine</b> -- Rear Outrigger Weldment         |
|      | 21681    | 1   | <b>Centered Platform Option</b> -- Rear Outrigger Weldment |
| 3    | 50416    | 16  | Bolt, M8 x 25 Button Head                                  |
| 4    | 50001    | 16  | Washer, M8 Std.                                            |
| 5    | 21444    | 4   | Outrigger Cover Weldment                                   |
| 6    | 21436    | 4   | Outrigger Cover Plate                                      |
| 7    | 50415    | 8   | Bolt, M8 x 20 Button Head                                  |
| 8    | 50446    | 16  | Bolt, M12 x 120 Socket Head                                |
| 9    | 50003    | 16  | Washer, M12 Std                                            |
| 10   | 50050    | 16  | Nut, M12 Nylock                                            |
| 11   | REF      | --  | Outrigger Cylinder -- See Section E                        |
| 12   | 92934    | 4   | Proximity Sensor                                           |
| 13   | HDW8457  | 4   | Nut, 1/2 Nylock                                            |
| 14   | 20998    | 4   | Outrigger Pivot Bracket                                    |
| 15   | 50074    | 4   | Bolt, 1/2 x 3.5                                            |
| 16   | HDW5920  | 4   | Cotter pin, .120 x 1.00                                    |
| 17   | HDW9219  | 4   | Washer, 5/8 Std.                                           |
| 18   | 21477    | 4   | Outrigger Foot Pad                                         |
| 19   | HDW91395 | 4   | Clevis Pin, 5/8 x 5                                        |



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• INCL: Included with assembly

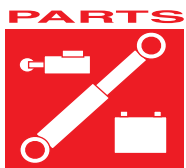
• NS: Not a Stock item

• REF: Reference only

## Wiring Harness Components

Harness plug designations (J#) and components listed in parentheses correspond to locations listed on the Electrical Schematics. See Section 5 of the Service portion of this manual.

| ITEM | PART NO. | QTY    | DESCRIPTION                                                                                                                          |
|------|----------|--------|--------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 21678    | 1      | Harness, Lower Control Box Interior (Interior of Lower Control Box, J1, J2)                                                          |
| 2    | --       | --     | --                                                                                                                                   |
| 3    | 21679    | 1      | Harness, Main Chassis (J1, J3, J4, J5, J6, J7, Functions Manifold)                                                                   |
| 4    | --       | --     | --                                                                                                                                   |
| 5    | 21623    | 1      | Harness, Communication Cable (J4, J8)                                                                                                |
| 6    | 91780    | 1      | Harness, Platform (J8, J9)                                                                                                           |
| 7    | 91761    | 1      | Harness, Upper Control Box Interior                                                                                                  |
| 8    | 9441     | 71 ft. | Cable, Power To Platform (Plug at rear of Controls Module, Outlet at platform)<br>This length also used to power platform worklights |
|      | 93251    | 75 ft. | Cable, Power To Platform, Arctic (Plug at rear of Controls Module, Outlet at platform)                                               |
| 9    | 21633    | 1      | Elevating Assembly Harness (J5, Transducers, Down Valves)                                                                            |
| 10   | 21631    | 1      | OPTION -- Outrigger Harness (J6, J7, Outriggers)                                                                                     |
| 11   | 91293    | 1      | Harness, Joystick                                                                                                                    |



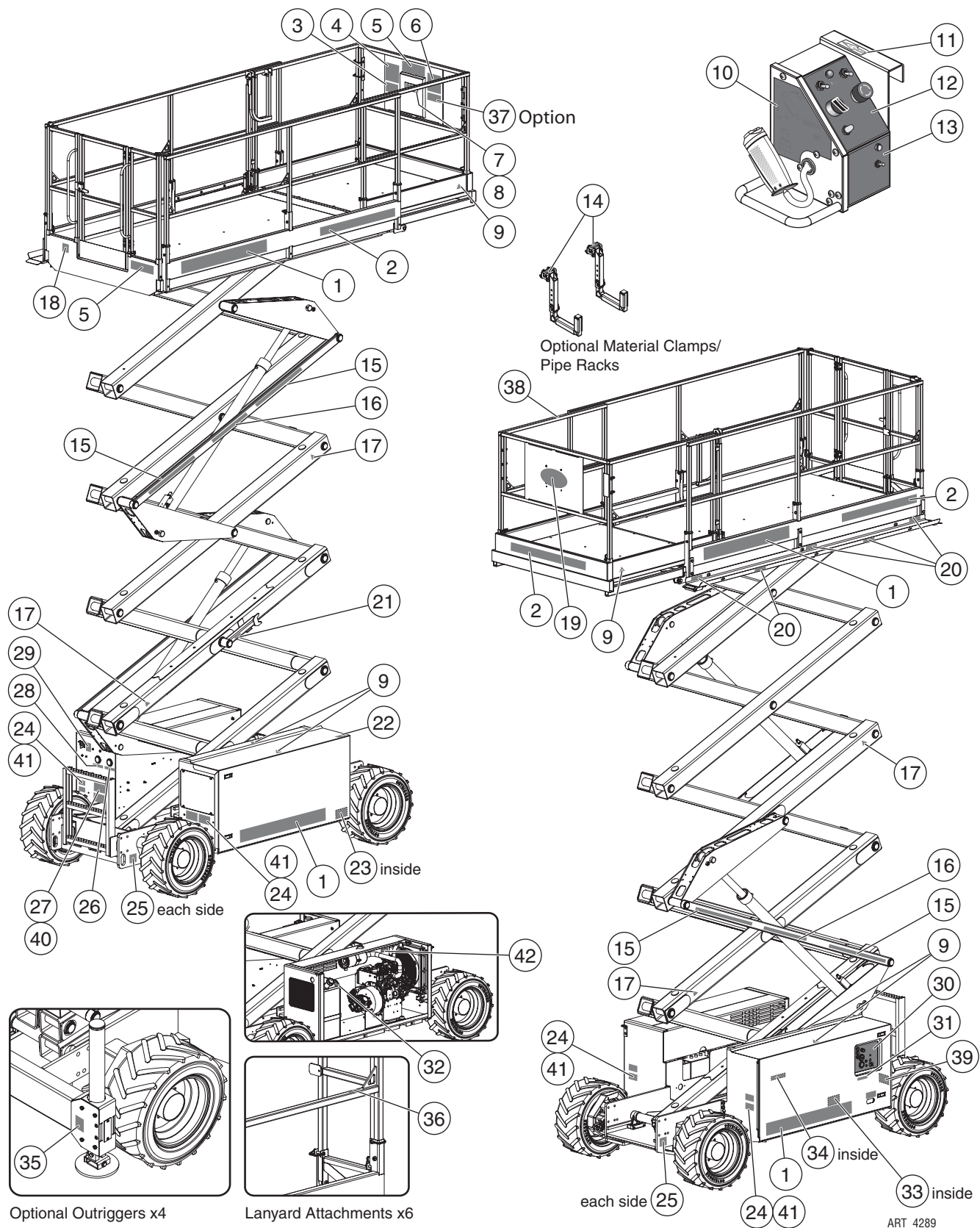
# SECTION G

## DECALS, ANSI MODELS

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## Decals, ANSI Specification

| ITEM | PART NO. | QTY | DESCRIPTION                     |
|------|----------|-----|---------------------------------|
| 1    | 93209    | 4   | Decal, 4069ERT White            |
| 2    | 92416    | 3   | Decal, Website White            |
|      | 92547    | 3   | Decal, Website Gray             |
| 3    | 90730    | 1   | Decal, Platform Warning         |
| 4    | 90721    | 1   | Decal, Danger                   |
| 5    | 93059    | 2   | Decal, Platform Capacity        |
| 6    | 90722    | 1   | Decal, Warning                  |
| 7    | 8911     | 1   | Decal, Manual Inside            |
| 8    | 90718    | 1   | Decal, Inspection               |
| 9    | 91850    | 6   | Decal, Crush                    |
| 10   | 90729    | 1   | Decal, Control Handle           |
| 11   | 7156     | 1   | Decal, Front                    |
| 12   | 93058    | 1   | Decal, Upper Controls           |
| 13   | 91730    | 1   | Decal, Outrigger                |
| 14   | 92848    | 2   | Decal, Pipe Rack                |
| 15   | 7982     | 4   | Decal, Warning Stripe           |
| 16   | 8503     | 2   | Decal, Keep Clear               |
| 17   | 9910     | 4   | Decal, Pinch                    |
| 18   | 90739    | 1   | Decal, Made in USA              |
| 19   | 90719    | 1   | Decal, MEC Oval, White          |
|      | 93412    | 1   | Decal, MEC Oval, Gray           |
| 20   | 93051    | 5   | Decal, Material Rack Capacity   |
| 21   | 90717    | 1   | Decal, Maintenance Lock         |
| 22   | 8779     | 1   | Decal, Battery Explosion Hazard |
| 23   | 90726    | 1   | Decal, Battery Weight           |
| 24   | 90725    | 4   | Decal, Tires                    |
| 25   | 11026730 | 4   | Decal, Tie Down                 |
| 26   | 90751    | 1   | Decal, Power To Platform        |
| 27   | 92767    | 1   | Decal, Serial Plate             |
| 28   | 90750    | 1   | Decal, Battery Charger          |
| 29   | 9052     | 1   | Decal, Battery Disconnect       |
| 30   | 92013    | 1   | Decal, Lower Controls           |
| 31   | 90268    | 1   | Decal, Platform Capacity Small  |
| 32   | 91956    | 1   | Decal, Battery Charger          |
| 33   | 92089    | 1   | Decal, Brake Release            |
| 34   | 6873     | 1   | Decal, Hydraulic Oil            |
| 35   | 9465     | 4   | Decal, Crush                    |
| 36   | 8605     | 6   | Decal, Lanyard Point            |
| 37   | 8606     | 1   | Decal, Lanyard Warning          |
| 38   | 7155     | 1   | Decal, Locate                   |
| 39   | 90732    | 1   | Decal, Powerwash                |
| 40   | 92054    | 1   | Decal, Patents Pending          |
| 41   | 8502     | 4   | Decal, Inflate Tires            |

• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

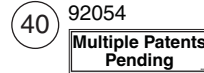
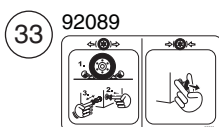
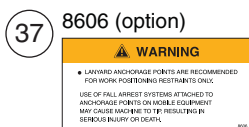
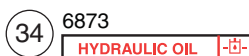
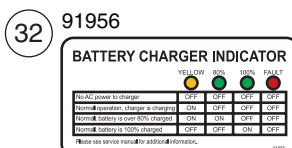
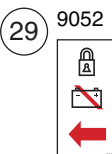
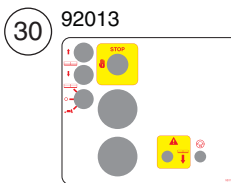
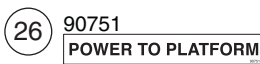
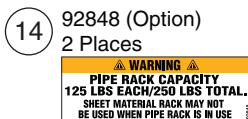
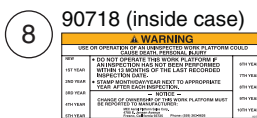
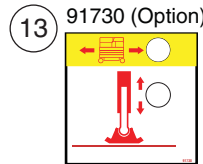
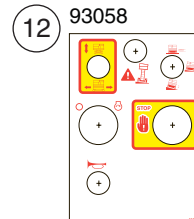
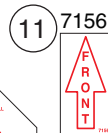
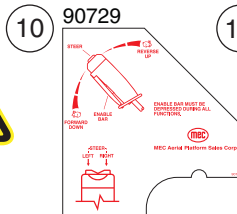
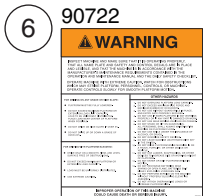
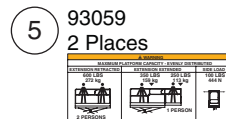
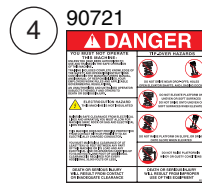
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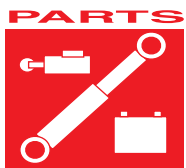


1 93052  
4 Places

# mec 4069 ERT

2 92416  
3 Places  
www.mecawp.com





# SECTION H

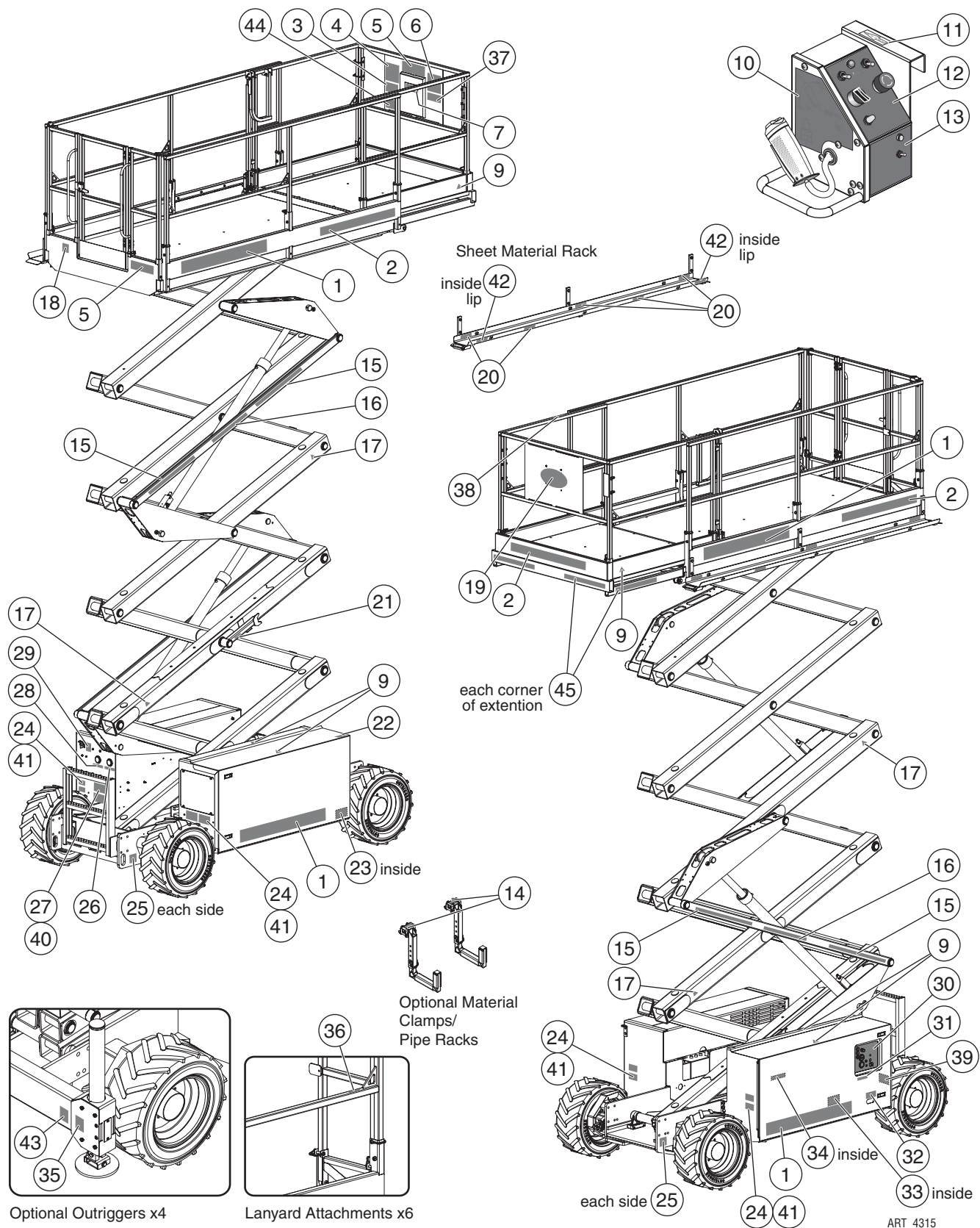
## DECALS, CE MODELS

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| Decals, GSE Diesel Option, CE Specification ..... | H-7 |







## Decals, CE Specification

| ITEM | PART NO. | QTY | DESCRIPTION                                              |
|------|----------|-----|----------------------------------------------------------|
| 1    | 93052    | 4   | Decal, 4069ERT White                                     |
| 2    | 92416    | 3   | Decal, Website White                                     |
|      | 92547    | 3   | Decal, Website Gray                                      |
| 3    | 90730    | 1   | Decal, Platform Warning                                  |
| 4    | 90721    | 1   | Decal, Danger                                            |
| 5    | 93204    | 2   | Decal, Platform Capacity                                 |
| 6    | 90722    | 1   | Decal, Warning                                           |
| 7    | 8911     | 1   | Decal, Manual Inside                                     |
| 8    | --       | --  | --                                                       |
| 9    | 91850    | 6   | Decal, Crush                                             |
| 10   | 90729    | 1   | Decal, Control Handle                                    |
| 11   | 7156     | 1   | Decal, Front                                             |
| 12   | 93187    | 1   | Decal, Upper Controls                                    |
| 13   | 91730    | 1   | Decal, Outrigger                                         |
| 14   | 92848    | 2   | Decal, Pipe Rack                                         |
| 15   | 7982     | 4   | Decal, Warning Stripe                                    |
| 16   | 8503     | 2   | Decal, Keep Clear                                        |
| 17   | 9910     | 4   | Decal, Pinch                                             |
| 18   | 90739    | 1   | Decal, Made in USA                                       |
| 19   | 90719    | 1   | Decal, MEC Oval, White                                   |
|      | 93412    | 1   | Decal, MEC Oval, Gray                                    |
| 20   | 93205    | 5   | Decal, Material Rack Capacity                            |
| 21   | 90717    | 1   | Decal, Maintenance Lock                                  |
| 22   | 8779     | 1   | Decal, Battery Explosion Hazard                          |
| 23   | 90726    | 1   | Decal, Battery Weight                                    |
| 24   | 90725    | 4   | Decal, Tires                                             |
| 25   | 11026730 | 4   | Decal, Tie Down                                          |
| 26   | 90751    | 1   | Decal, Power To Platform                                 |
| 27   | 92768    | 1   | Decal, Serial Plate                                      |
| 28   | 90750    | 1   | Decal, Battery Charger                                   |
| 29   | 9052     | 1   | Decal, Battery Disconnect                                |
| 30   | 92013    | 1   | Decal, Lower Controls                                    |
| 31   | 90268    | 1   | Decal, Platform Capacity Small                           |
| 32   | 91956    | 1   | Decal, Battery Charger                                   |
| 33   | 92089    | 1   | Decal, Brake Release                                     |
| 34   | 6873     | 1   | Decal, Hydraulic Oil                                     |
| 35   | 9465     | 4   | Decal, Crush                                             |
| 36   | 8605     | 6   | Decal, Lanyard Point                                     |
| 37   | 8606     | 1   | Decal, Lanyard Warning                                   |
| 38   | 7155     | 1   | Decal, Locate                                            |
| 39   | 90732    | 1   | Decal, Powerwash                                         |
| 40   | 92054    | 1   | Decal, Patents Pending                                   |
| 41   | 93186    | 4   | Decal, Wheel Load                                        |
| 42   | 92769    | 2   | Decal, No Step                                           |
| 43   | 93188    | 4   | Decal, Outrigger Load                                    |
| 44   | 91325    | 1   | Decal, Danger Electrical (Australia only)                |
| 45   | 7982     | 4   | Decal, Warning Stripe (cut short to fit positions shown) |

• as req: as required

• INCL: Included with assembly

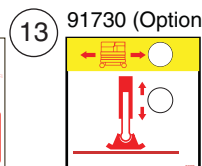
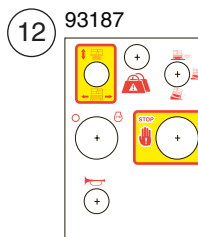
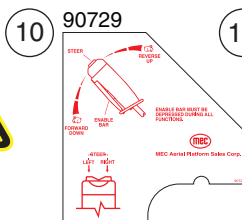
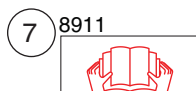
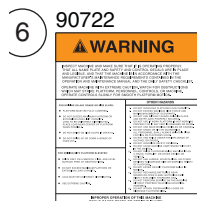
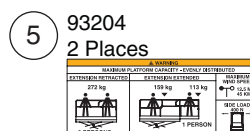
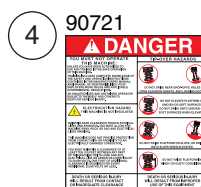
• NS: Not a Stock item

• REF: Reference only

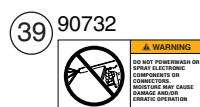
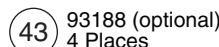
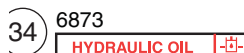
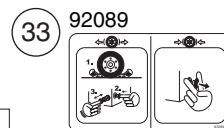
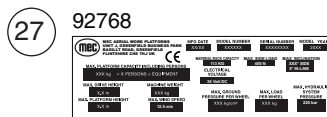
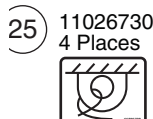
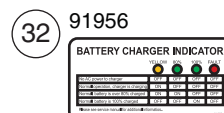
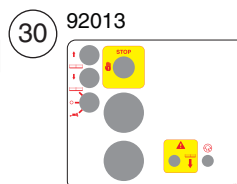
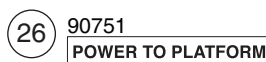
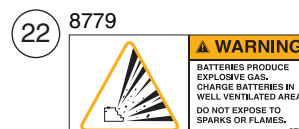
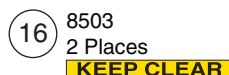
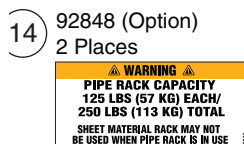


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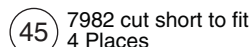
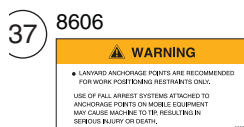
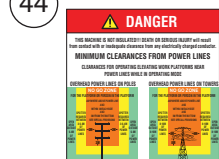
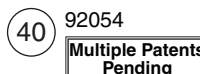
2 92416 -- 3 Places  
www.mecAWP.COM



8 not used



44 91325 Australia only



## Optional Centered Platform



Option omits items #14, #20, #42

ILLUSTRATION No.  
ART\_4314

## NOTES:

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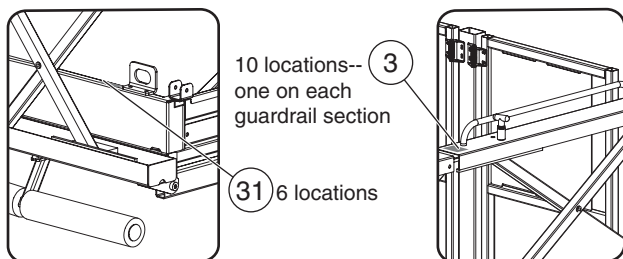
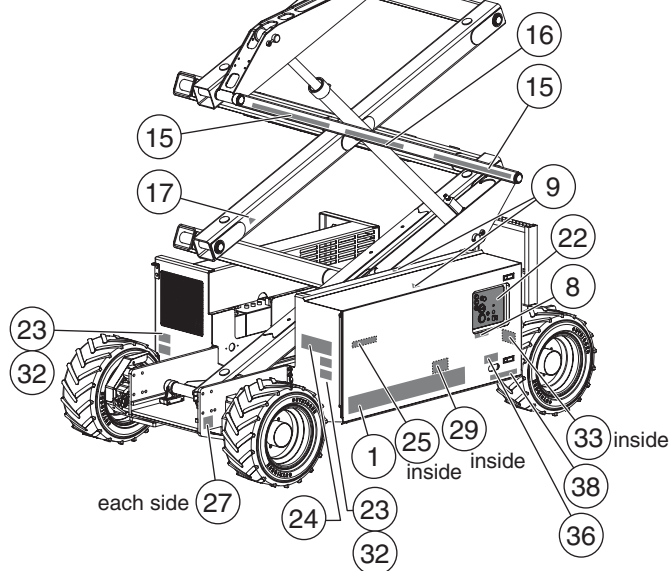
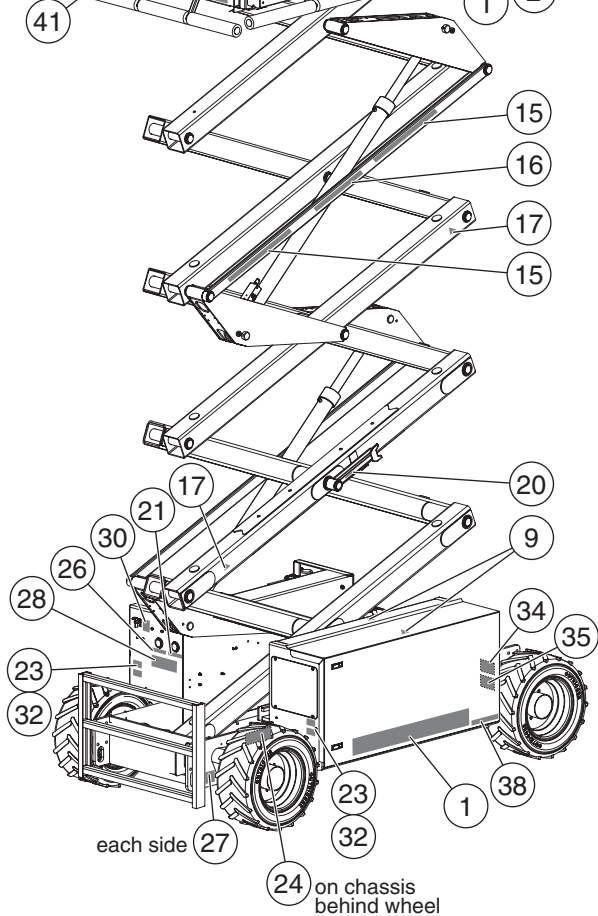
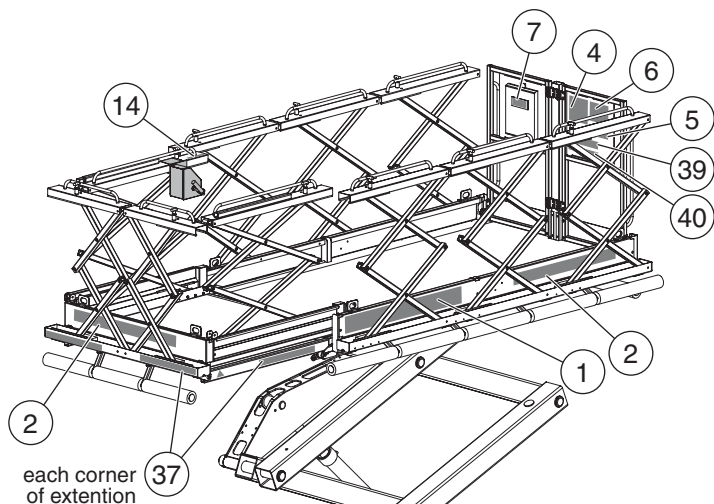
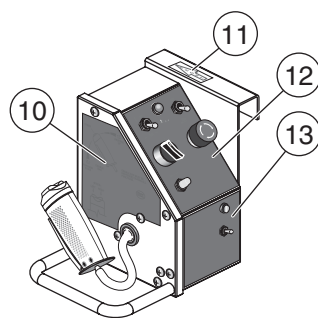
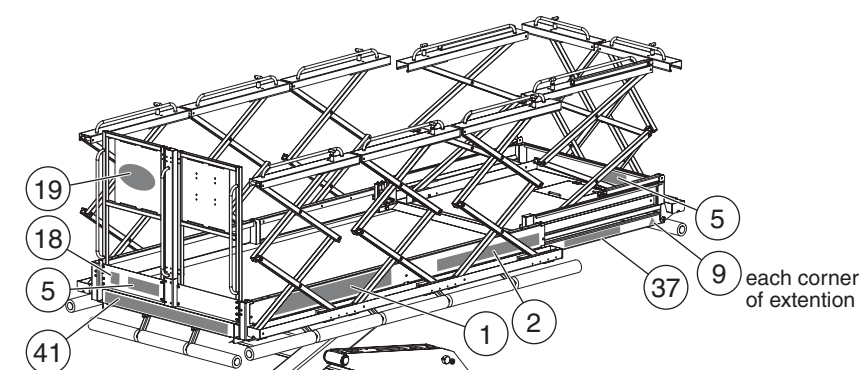
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• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



ART\_4437

## Decals, GSE ELECTRIC Option, CE Specification

| ITEM | PART NO. | QTY | DESCRIPTION                                              |
|------|----------|-----|----------------------------------------------------------|
| 1    | 93403    | 4   | Decal, 4069GSE Gray                                      |
| 2    | 92547    | 3   | Decal, Website Gray                                      |
| 3    | 93370    | 10  | Decal, Guardrail Pins                                    |
| 4    | 90721    | 1   | Decal, Danger                                            |
| 5    | 93361    | 2   | Decal, Platform Capacity 4069GSE                         |
| 6    | 90722    | 1   | Decal, Warning                                           |
| 7    | 8911     | 1   | Decal, Manual Inside                                     |
| 8    | 93404    | 1   | Decal, Platform Capacity Small                           |
| 9    | 91850    | 6   | Decal, Crush                                             |
| 10   | 90729    | 1   | Decal, Control Handle                                    |
| 11   | 7156     | 1   | Decal, Front                                             |
| 12   | 93187    | 1   | Decal, Upper Controls                                    |
| 13   | 93214    | 1   | Decal, Lights                                            |
| 14   | 7155     | 1   | Decal, Locate                                            |
| 15   | 7982     | 4   | Decal, Warning Stripe                                    |
| 16   | 8503     | 2   | Decal, Keep Clear                                        |
| 17   | 9910     | 4   | Decal, Pinch                                             |
| 18   | 90739    | 1   | Decal, Made in USA                                       |
| 19   | 93412    | 1   | Decal, MEC Oval, Gray                                    |
| 20   | 90717    | 1   | Decal, Maintenance Lock                                  |
| 21   | 90751    | 1   | Decal, Power To Platform                                 |
| 22   | 92013    | 1   | Decal, Lower Controls                                    |
| 23   | 90725    | 4   | Decal, Tires                                             |
| 24   | 92768    | 1   | Decal, Serial Plate                                      |
| 25   | 6873     | 1   | Decal, Hydraulic Oil                                     |
| 26   | 90750    | 1   | Decal, Battery Charger                                   |
| 27   | 11026730 | 4   | Decal, Tie Down                                          |
| 28   | 92054    | 1   | Decal, Patents Pending                                   |
| 29   | 92089    | 1   | Decal, Brake Release                                     |
| 30   | 9052     | 1   | Decal, Battery Disconnect                                |
| 31   | 8605     | 6   | Decal, Lanyard Point                                     |
| 32   | 93186    | 4   | Decal, Wheel Load                                        |
| 33   | 90732    | 1   | Decal, Powerwash                                         |
| 34   | 8779     | 1   | Decal, Warning Battery                                   |
| 35   | 90729    | 1   | Decal, Battery Weight                                    |
| 36   | 91956    | 1   | Decal, Battery Charger                                   |
| 37   | 7982     | 4   | Decal, Warning Stripe (cut short to fit positions shown) |
| 38   | 93369    | 2   | Decal, Engineering                                       |
| 39   | 93401    | 1   | Decal, Max Wind Speed                                    |
| 40   | 93402    | 1   | Decal, Harnesses                                         |
| 41   | 93367    | 1   | Decal, GSE Use Only                                      |

• as req: as required

• INCL: Included with assembly

• NS: Not a Stock item

• REF: Reference only



- FOR AIRCRAFT GROUND SUPPORT EQUIPMENT USE ONLY**



## Service Parts Order Form

### Fax to 559-263-9631

Please fill out completely

Date: \_\_\_\_\_

Ordered By: \_\_\_\_\_

Account: \_\_\_\_\_

Your Fax No.: \_\_\_\_\_

Bill to: \_\_\_\_\_

Ship to: \_\_\_\_\_

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**Purchase Order Number** \_\_\_\_\_

**Ship VIA** \_\_\_\_\_

\*\*All orders MUST have a Purchase Order Number

\*\*Fed Ex shipments require Fed Ex account number

| Part Number | Description | Quantity | Price |
|-------------|-------------|----------|-------|
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All back ordered parts will be shipped when available via the same ship method as original order unless noted below:

- Ship complete order only - no back orders
- Ship all available parts and contact customer on disposition of back ordered parts
- other (please specify)

\_\_\_\_\_

**NOTES:**

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## Limited Owner Warranty

MEC Aerial Platform Sales Corp. warrants its equipment to the original purchaser against defects in material and/or workmanship under normal use and service for one (1) year from date of registered sale or date the unit left the factory if not registered. MEC Aerial Platform Sales Corp. further warrants the structural weldments of the main frame and scissor arms to be free from defects in material or workmanship for five (5) years from date of registered sale or date unit left the factory if not registered. Excluded from such warranty is the battery(s) which carries a ninety (90) day warranty from described purchase date. Warranty claims within such warranty period shall be limited to repair or replacement, MEC Aerial Platform Sales Corp's option, of the defective part in question and labor to perform the necessary repair or replacement based on MEC Aerial Platform Sales Corp's then current flat rate, provided the defective part in question is shipped prepaid to MEC Aerial Platform Sales Corp. and is found upon inspection by MEC Aerial Platform Sales Corp. to be defective in material and/or workmanship. MEC Aerial Platform Sales Corp. shall not be liable for any consequential, incidental or contingent damages whatsoever. Use of other than factory authorized parts; misuse, improper maintenance, or modification of the equipment voids this warranty. The foregoing warranty is exclusive and in lieu of all other warranties, express or implied. All such other warranties, including implied warranties of merchantability and of fitness for a particular purpose, are hereby excluded. No Dealer, Sales Representative, or other person purporting to act on behalf of MEC Aerial Platform Sales Corp. is authorized to alter the terms of this warranty, or in any manner assume on behalf of MEC Aerial Platform Sales Corp. any liability or obligation which exceeds MEC Aerial Platform Sales Corp's obligations under this warranty.



## **Aerial Platform Sales Corp.**

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