



**SKYJACK**

# PARTS MANUAL

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**SJ45 AJ+**

ARTICULATING BOOM



**238271AAA**

March 2021

ANSI/CSA, CE, AS

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| Part Number:  | <input type="text"/> |
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**This manual is for MEWPs with serial numbers:**

**SJ45 AJ+:** A301 100 001 - A301 199 999

**SJ45 AJ+:** B301 100 001 - B301 199 999

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# Foreword

## General

The information contained in this manual is designed to aid the user in locating and identifying replacement parts. Component parts of various assemblies and subassemblies comprising the work platform are illustrated and accompanied by a descriptive parts list. Exploded drawings are used to show relative location of component parts in disassembly order. If a part cannot be found in this manual, contact Discount-equipment for assistance.

## Parts Ordering Information

When ordering replacement parts, the complete part number and description should be used to ensure proper identification and delivery of the desired item. This complete identification should also be used when requesting equipment information.

## Method of Listing

Parts are listed in order according to the reference number shown in the illustration, followed by a full description based upon the "NOUN FIRST" method. That is, the noun name of the part is listed first, then the modifying description information which serves to specifically identify the item. For example: PIN, Clevis.

Assemblies at the beginning of a parts list may be identified with a reference letter: A, B, C, etc. These letters are used to identify different configurations of the assembly. Individual parts in these lists have corresponding letters after their description to identify which assembly it is used in. If a part does not have a reference letter, it is used in all of the assemblies.

Bullets (•) are used to show the assembly structure, or parent/child relationship. A part listed at the beginning of the parts list without a bullet before the description is the main assembly, and all of the parts below it with one bullet are the subcomponent parts of that assembly. Two bullets denote a subcomponent of a subcomponent, etc.

### Example:

Main Assembly A

- Part 1 (subcomponent of Main Assembly A)
- Part 2 (subcomponent of Main Assembly A)
- • Part 3 (subcomponent of Part 2)

## Quantities

The quantities required to complete the assembly are given for each part. If the quantity is (AR), it is understood that the quantity may vary when the machine is equipped with certain options. Order quantity as needed.

## How To Order Repair Parts

1. Address all orders to Discount-equipment.
2. Specify model and serial number of the work platform (found on the serial number plate).
3. List the quantity needed.
4. List the length needed (if it is a bulk item).
5. List the part number and description as shown in this manual for each item.
6. Show the billing and shipping address and the name of the individual, if possible.
7. Suggest the best routing.

Customer: \_\_\_\_\_

Dealer: \_\_\_\_\_

Model Number: \_\_\_\_\_

Serial Number: \_\_\_\_\_

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



## Recommended Service Parts

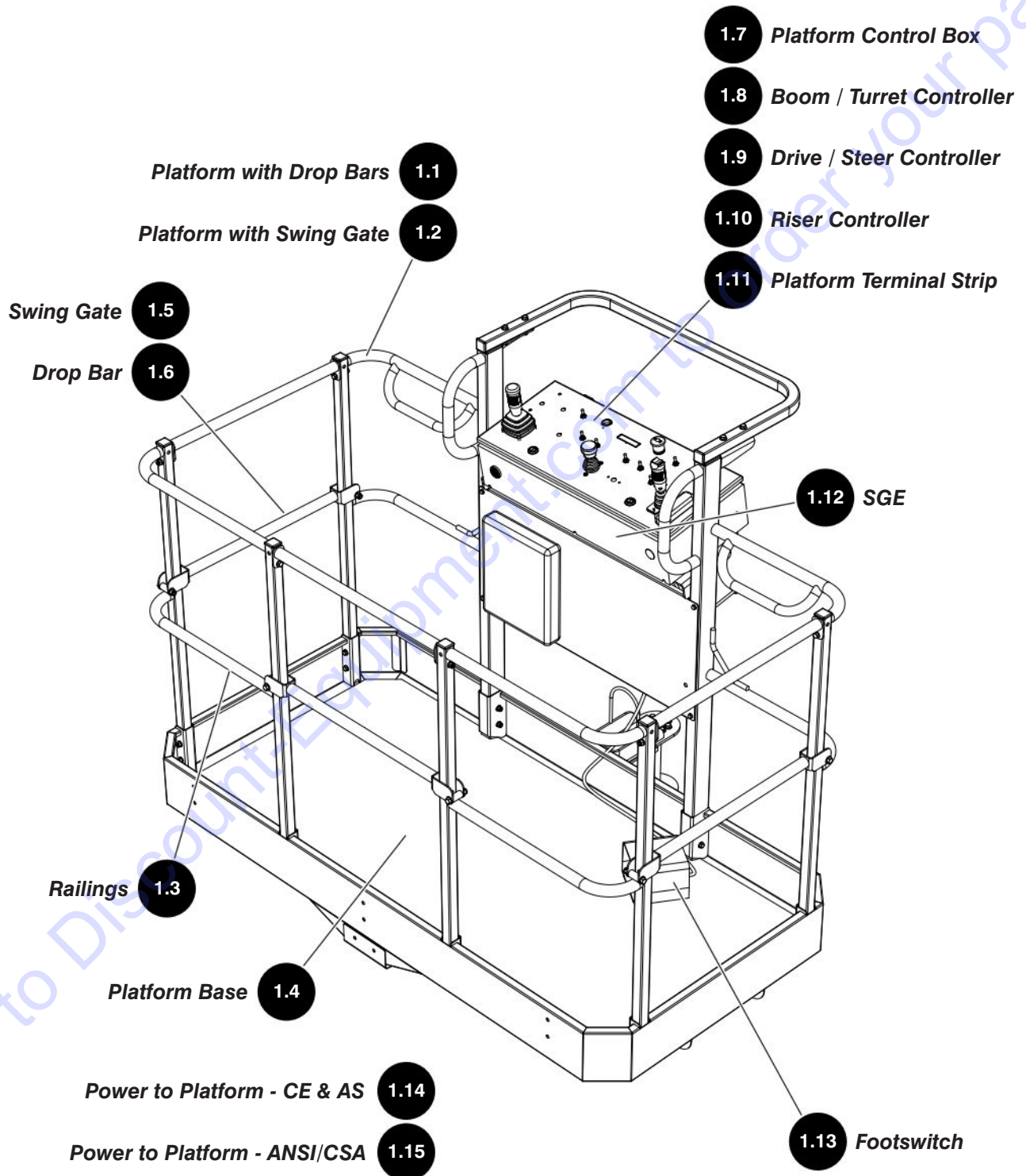
| Description  | Year 1 Qty | Year 2 Qty | Year 3 Qty | Skyjack Part No. |
|--|------------|------------|------------|------------------|
| <b>Engine - Kubota D1305</b>                             |            |            |            |                  |
| FILTER, Oil - inner                                      | 2          | 2          | 2          | 236071           |
| CARTRIDGE, Oil filter                                    | 2          | 2          | 2          | 147129           |
| FILTER, Fuel   | 2          | 2          | 2          | 236089           |
| ELEMENT, Air cleaner                                     | 2          | 2          | 2          | 132913           |
| THERMOSTAT   | 0          | 0          | 1          | 136109           |
| BELT, Fan  | 0          | 0          | 1          | 236079           |
| PUMP, Fuel transfer                                      | 1          | 1          | 1          | 236080           |
| STARTER  | 0          | 0          | 1          | 236072           |
| ALTERNATOR   | 0          | 0          | 1          | 236073           |
| <b>Engine - Kubota WG972</b>                             |            |            |            |                  |
| ELEMENT, Air cleaner                                     | 2          | 2          | 2          | 132913           |
| ALTERNATOR   | 0          | 0          | 1          | 237570           |
| BELT, Fan  | 0          | 1          | 1          | 136114           |
| ELEMENT, Fuel Filter                                     | 2          | 2          | 2          | 136118           |
| PUMP, Fuel   | 1          | 1          | 1          | 163557           |
| FILTER, LP   | 0          | 1          | 1          | 142300           |
| FILTER, Oil  | 2          | 2          | 2          | 237654           |
| SPARK PLUG   | 3          | 3          | 3          | 166642           |
| STARTER  | 0          | 0          | 1          | 159216           |
| THERMOSTAT   | 0          | 0          | 1          | 237573           |
| <b>Electrical</b>  |            |            |            |                  |
| BATTERY  | 2          | 2          | 2          | 144676           |
| RELAY, Micro   | 5          | 5          | 5          | 931298           |
| SOCKET, Micro relay                                      | 1          | 1          | 1          | 218997           |
| SWITCH, Toggle   | 2          | 2          | 2          | 102853           |
| SWITCH, Toggle   | 1          | 1          | 1          | 148988           |
| SWITCH, Toggle   | 1          | 1          | 1          | 138278           |
| SWITCH, Toggle   | 1          | 1          | 1          | 115747           |
| SWITCH, Toggle   | 1          | 1          | 1          | 124446           |
| SWITCH, Toggle   | 1          | 1          | 1          | 115574           |
| BLOCK, N.C. Contact (red plunger, key switch and e-stop) | 1          | 1          | 1          | 147053           |
| BLOCK, N.O. Contact (black plunger, key switch)          | 1          | 1          | 1          | 166141           |
| BLOCK, N.C. Contact (yellow plunger, key switch)         | 1          | 1          | 1          | 166142           |
| SWITCH, Limit - riser up                                 | 0          | 1          | 1          | 199546           |

## Recommended Service Parts

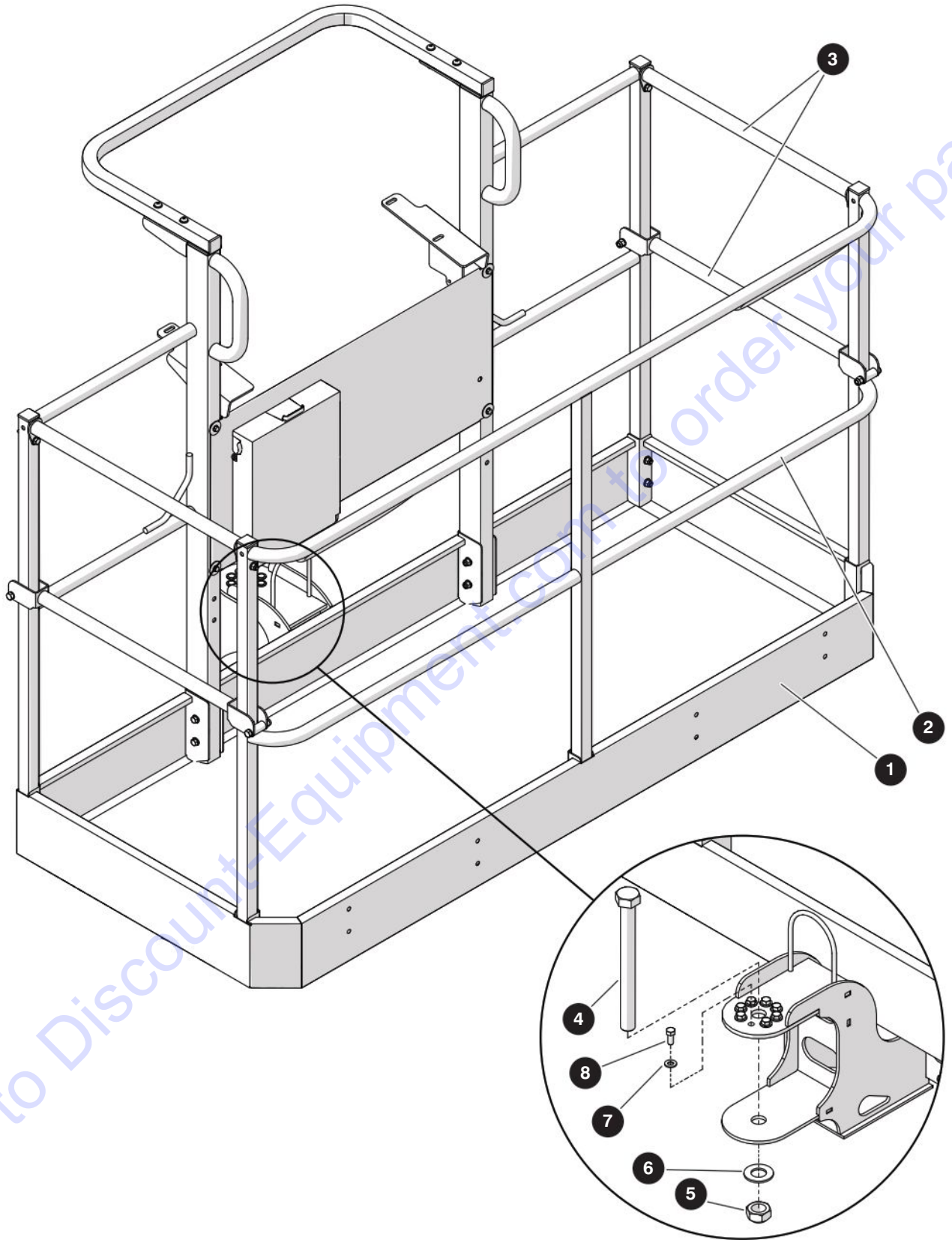
| Description                               | Year 1 Qty | Year 2 Qty | Year 3 Qty | Skyjack Part No. |
|---|------------|------------|------------|------------------|
| SWITCH, Limit - boom extension            | 0          | 1          | 1          | 207016           |
| SWITCH, Limit - boom angle                | 0          | 1          | 1          | 207017           |
| SWITCH, Limit - direction sensing         | 0          | 1          | 1          | 199486           |
| COIL, Valve                               | 0          | 1          | 1          | 159819           |
| KIT, Drive/steer joystick handle          | 0          | 1          | 1          | 141338           |
| <b>Hydraulic</b>                          |            |            |            |                  |
| ELEMENT, High pressure filter - hydraulic | 1          | 1          | 1          | 161947           |
| ELEMENT, Return filter - hydraulic        | 2          | 2          | 2          | 161949           |
| SEAL KIT, Extension cylinder - SJ46AJ     | 0          | 0          | 1          | 154537           |
| SEAL KIT, Extension cylinder - SJ51AJ     | 0          | 0          | 1          | 154655           |
| SEAL KIT, Lift cylinder                   | 0          | 0          | 1          | 154528           |
| SEAL KIT, Riser cylinder                  | 0          | 0          | 1          | 154562           |
| SEAL KIT, Master cylinder                 | 0          | 0          | 1          | 154524           |
| SEAL KIT, Slave cylinder                  | 0          | 0          | 1          | 152254           |
| SEAL KIT, Jib cylinder                    | 0          | 0          | 1          | 154549           |
| SEAL KIT, Axle lockout cylinder           | 0          | 0          | 1          | 154557           |
| SEAL KIT, Rotary actuator                 | 0          | 0          | 1          | 144709           |
| SEAL KIT, Steer cylinder                  | 0          | 0          | 1          | 168050           |
| <b>Boom</b>                               |            |            |            |                  |
| SHIM, 16 gauge (top)                      | 0          | 1          | 1          | 148829           |
| SHIM, 20 gauge (top)                      | 0          | 1          | 1          | 148830           |
| SHIM, 16 gauge (side)                     | 0          | 1          | 1          | 148837           |
| SHIM, 20 gauge (side)                     | 0          | 1          | 2          | 148838           |
| PAD, Wear - top                           | 0          | 1          | 2          | 148827           |
| PAD, Wear - bottom                        | 0          | 1          | 2          | 148826           |
| <b>Cowling</b>                            |            |            |            |                  |
| LATCH, Flexible draw                      | 2          | 2          | 2          | 144002           |
| <b>Axles</b>                              |            |            |            |                  |
| SEAL, Differential pinion - front axle    | 0          | 0          | 1          | 140976           |
| SEAL, Planetary hub - front and rear axle | 0          | 0          | 1          | 154631           |
| O-RING, Planetary hub - front axle        | 0          | 0          | 1          | 140970           |
| SEAL, Inner axle shaft - front axle       | 0          | 0          | 1          | 154625           |
| SEAL, Outer axle shaft - front axle       | 0          | 0          | 1          | 154625           |
| SEAL, Differential pinion - rear axle     | 0          | 0          | 1          | 141074           |
| O-RING, Planetary hub - rear axle         | 0          | 0          | 1          | 140970           |



# Section 1 – Platform



# 1.1 Platform with Drop Bars



M163273AB

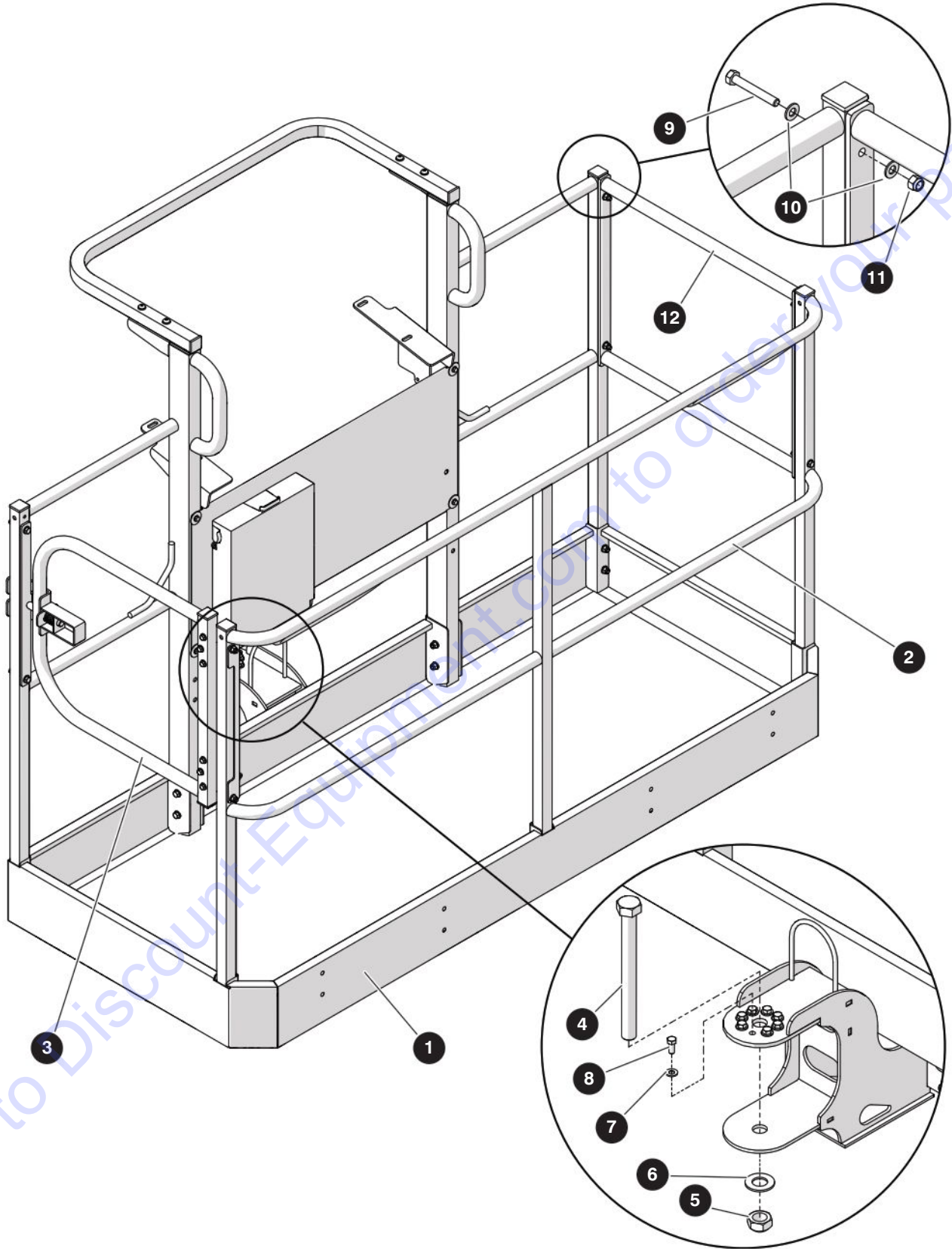
238271AAA

SJ45 AJ+

## 1.1 Platform with Drop Bars

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 218723           | 1    | PLATFORM ASSEMBLY - 6' with Drop Bar   |
| -         | 218725           | 1    | PLATFORM ASSEMBLY - 5' with Drop Bar   |
| 1         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>RAILINGS<br/>(For components, refer to 1.3 Railings)</li> </ul>           |
| 2         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>PLATFORM BASE<br/>(For components, refer to 1.4 Platform Base)</li> </ul> |
| 3         | (Ref.)           | 2    | <ul style="list-style-type: none"> <li>GATE, Drop<br/>(For components, refer to 1.6 Drop Bar)</li> </ul>         |
| 4         | 138696           | 1    | <ul style="list-style-type: none"> <li>BOLT, Hex head (1"-8 x 10-1/2" Grade 8, zinc)</li> </ul>                  |
| 5         | 138559           | 1    | <ul style="list-style-type: none"> <li>NUT, Torque lock (1"-8 Grade 8)</li> </ul>                                |
| 6         | 102646           | 1    | <ul style="list-style-type: none"> <li>WASHER, Flat (1")</li> </ul>  |
| 7         | 125959           | 8    | <ul style="list-style-type: none"> <li>WASHER, Flat (3/8")</li> </ul>  |
| 8         | 139193           | 8    | <ul style="list-style-type: none"> <li>BOLT, Hex head (3/8"-16 x 0.78", Grade 8)</li> </ul>                      |
| 9         | 173200           | 1    | MANUAL OF RESPONSIBILITIES (not shown)   |

## 1.2 Platform with Swing Gate



M163274AB

238271AAA

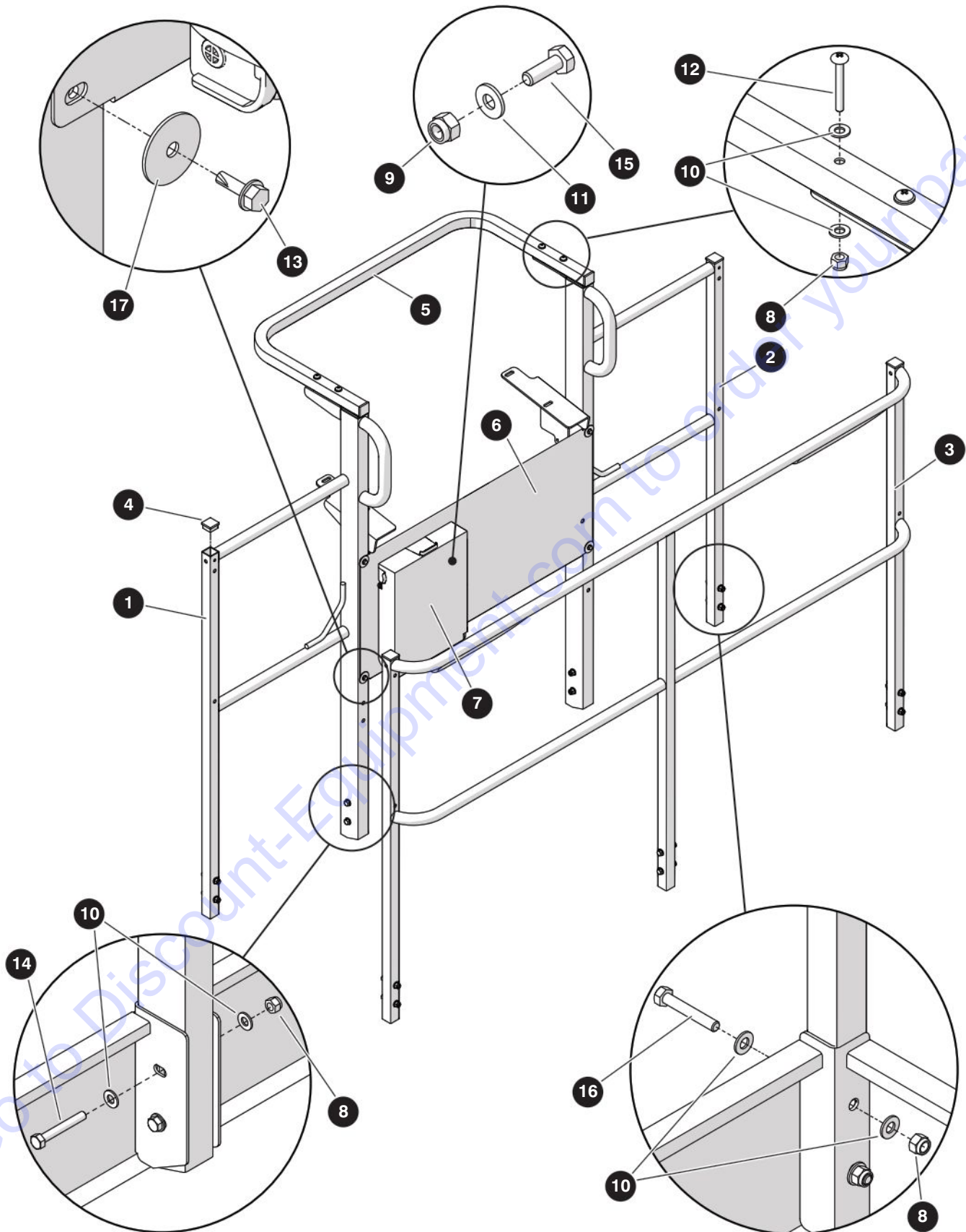
SJ45 AJ+

## 1.2 Platform with Swing Gate

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 218724           | 1    | PLATFORM ASSEMBLY - <b>6' with Swing Gate</b>  |
| -         | 218726           | 1    | PLATFORM ASSEMBLY - <b>5' with Swing Gate</b>  |
| 1         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>RAILINGS<br/>(For components, refer to 1.3 Railings)</li> </ul>           |
| 2         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>PLATFORM BASE<br/>(For components, refer to 1.4 Platform Base)</li> </ul> |
| 3         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>SWING GATE<br/>(For components, refer to 1.5 Swing Gate)</li> </ul>       |
| 4         | 138696           | 1    | <ul style="list-style-type: none"> <li>BOLT, Hex head (1"-8 x 10-1/2" Grade 8, zinc)</li> </ul>                  |
| 5         | 138559           | 1    | <ul style="list-style-type: none"> <li>NUT, Torque lock (1"-8 Grade 8)</li> </ul>                                |
| 6         | 102646           | 1    | <ul style="list-style-type: none"> <li>WASHER, Flat (1")</li> </ul>  |
| 7         | 125959           | 8    | <ul style="list-style-type: none"> <li>WASHER, Flat (3/8")</li> </ul>  |
| 8         | 139193           | 8    | <ul style="list-style-type: none"> <li>BOLT, Hex head (3/8"-16 x 0.78", Grade 8)</li> </ul>                      |
| 9         | 103866           | 4    | <ul style="list-style-type: none"> <li>BOLT, Hex head (5/16"-18 x 2-1/4", gr 5)</li> </ul>                       |
| 10        | 103996           | 8    | <ul style="list-style-type: none"> <li>WASHER, Flat (5/16")</li> </ul>   |
| 11        | 103984           | 4    | <ul style="list-style-type: none"> <li>NUT, Lock (5/16"-18, gr 5)</li> </ul>                                     |
| 12        | 218716           | 1    | <ul style="list-style-type: none"> <li>RAILING, Side</li> </ul>  |
| 13        | 173200           | 1    | MANUAL OF RESPONSIBILITIES (not shown)   |



# 1.3 Railings



M218716AB

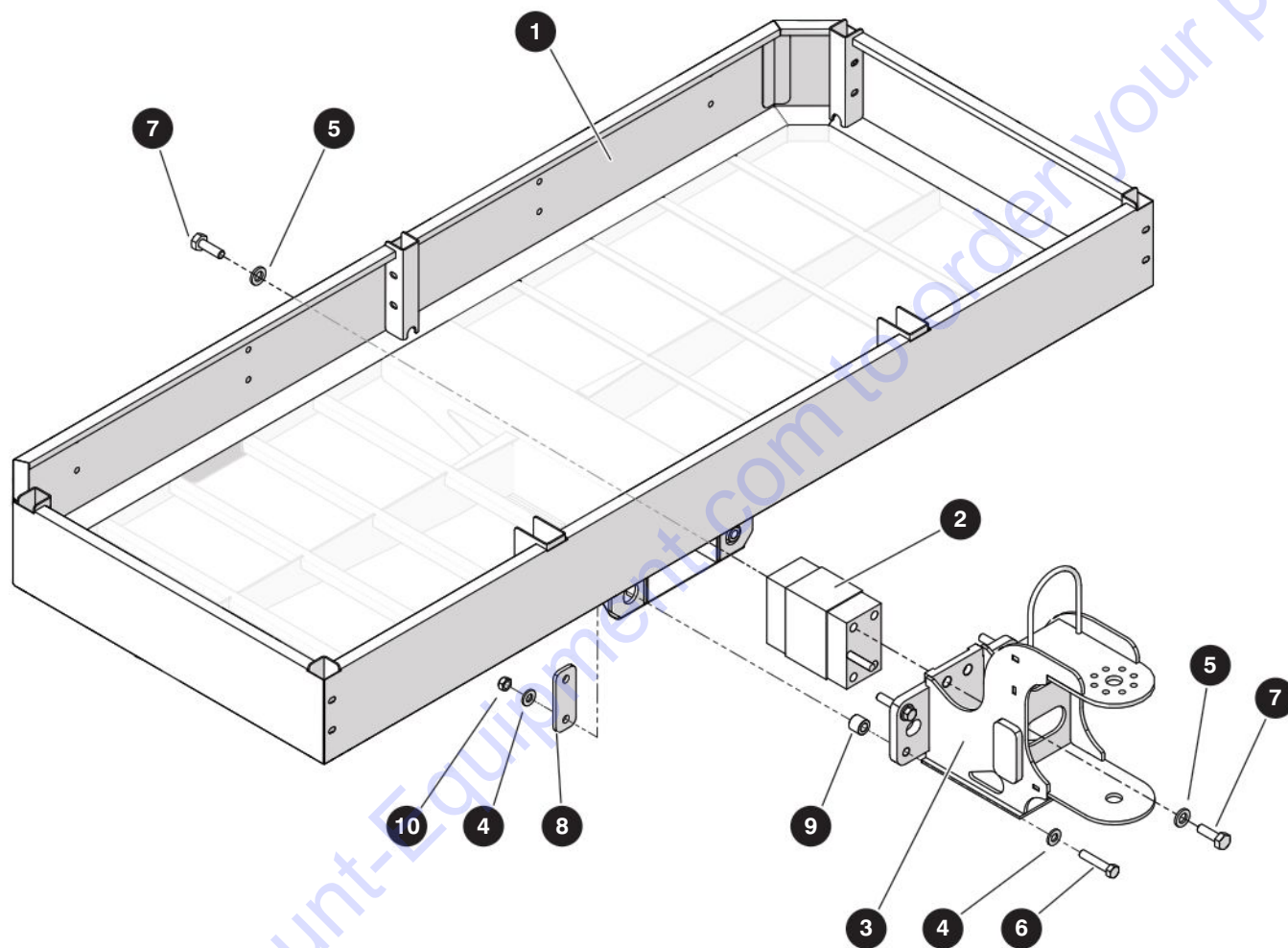
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SJ45 AJ+

## 1.3 Railings

| Index No. | Skyjack Part No. | Qty. | Description                                     |
|-----------|------------------|------|---|
| <b>A</b>  | -                | 1    | RAILINGS - 6' platform                          |
| <b>B</b>  | -                | 1    | RAILINGS - 5' platform                          |
| 1         | 160997           | 1    | • RAILING, Front left, <b>A</b>                 |
|           | 160996           | 1    | • RAILING, Front left, <b>B</b>                 |
| 2         | 160999           | 1    | • RAILING, Front right, <b>A</b>                |
|           | 160998           | 1    | • RAILING, Front right, <b>B</b>                |
| 3         | 165820           | 1    | • RAILING, Rear, <b>A</b>                       |
|           | 165823           | 1    | • RAILING, Rear, <b>B</b>                       |
| 4         | 100702           | 6    | • CAP, Plastic end                              |
| 5         | 149098           | 1    | • RAILING, Front                                |
| 6         | 159586           | 1    | • PLATE, Front guard                            |
| 7         | 198789           | 1    | • MANUAL BOX                                    |
| 8         | 103984           | 18   | • NUT, Hex lock (5/16"-18 Grade 5, nylon)       |
| 9         | 115649           | 4    | • NUT, Hex lock (1/4"-20 Grade 5, nylon)        |
| 10        | 103996           | 36   | • WASHER, Flat (5/16")                          |
| 11        | 103995           | 4    | • WASHER, Flat (1/4")                           |
| 12        | 139008           | 4    | • SCREW, Round head machine (5/16"-18 x 2")     |
| 13        | 103632           | 4    | • SCREW, Hex head self tapping (1/4"-14 x 3/4") |
| 14        | 103866           | 4    | • BOLT, Hex head (5/16"-18 x 2 1/4" Grade 5)    |
| 15        | 103856           | 4    | • BOLT, Hex head (1/4"-20 x 3/4" Grade 5)       |
| 16        | 103865           | 10   | • BOLT, Hex head (5/16"-18 x 2" Grade 5)        |
| 17        | 700598           | 4    | • WASHER, Fender                                |
| 18        | 207981           | 1    | • BAG, Resealable (not shown)                   |
| 19        | 173200           | 1    | MANUAL, Manual of responsibilities (not shown)  |

## 1.4 Platform Base



M218716AB-1

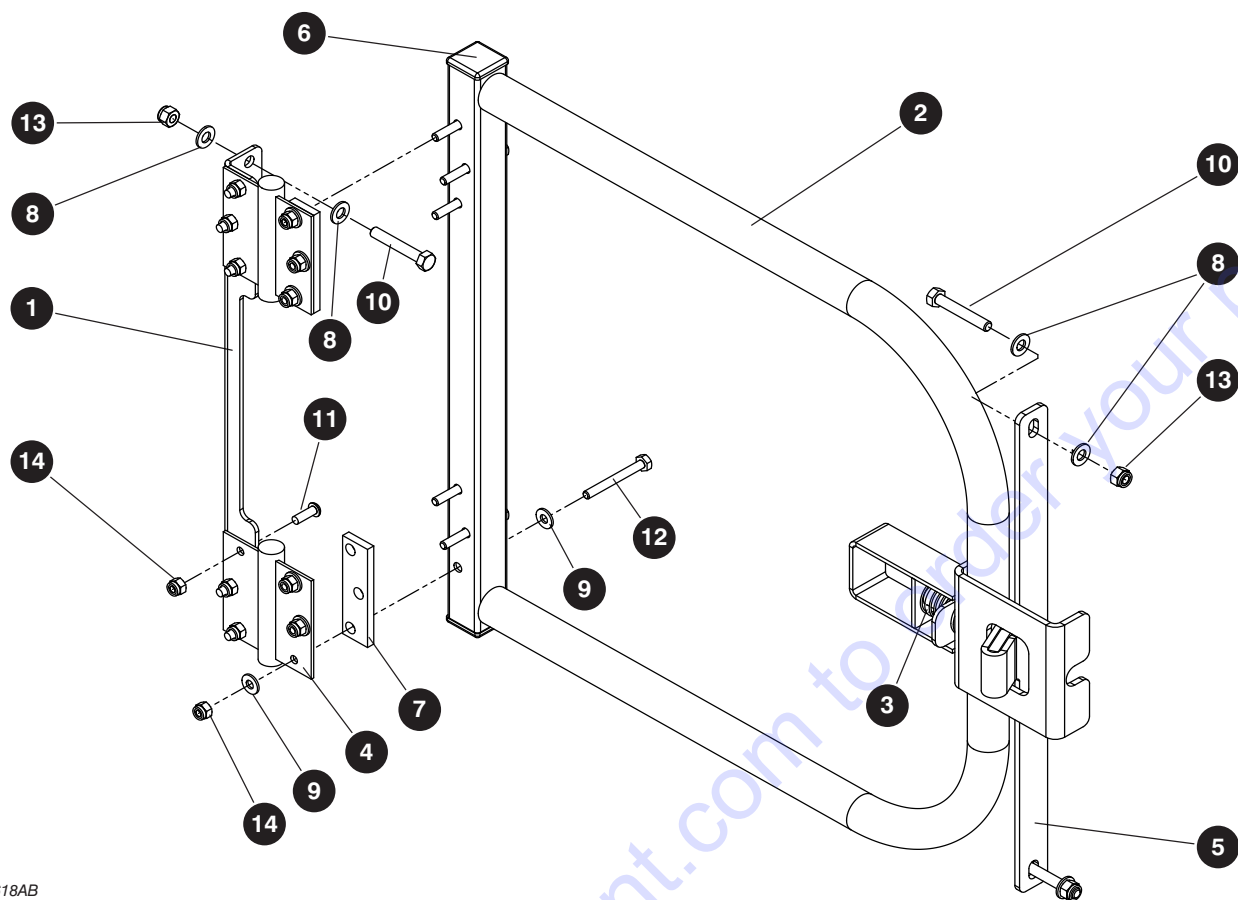
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SJ45 AJ+

# 1.4 Platform Base

| Index No. | Skyjack Part No. | Qty. | Description                              |
|-----------|------------------|------|--|
| 1         | 218664           | 1    | • PLATFORM BASE - <b>6' platform</b>     |
|           | 218678           | 1    | • PLATFORM BASE - <b>5' platform</b>     |
| 2         | 218368           | 1    | • LOAD CELL, CAN MOBA                    |
| 3         | 168230           | 1    | • MOUNT, Rotary Actuator                 |
| 4         | 104379           | 8    | • WASHER, Flat hardened (1/2")           |
| 5         | 144329           | 8    | • WASHER, Flat hardened (M16)            |
| 6         | 144575           | 4    | • BOLT, Hex head (1/2"-13 x 2-1/2" gr 8) |
| 7         | 144502           | 8    | • BOLT, Hex head (M16 x 1.5 x 45 gr 8.8) |
| 8         | 144365           | 2    | • WASHER, Safety                         |
| 9         | 144574           | 4    | • SPACER, Load cell                      |
| 10        | 138791           | 4    | • NUT, Torque lock (1/2"-13 gr C)        |

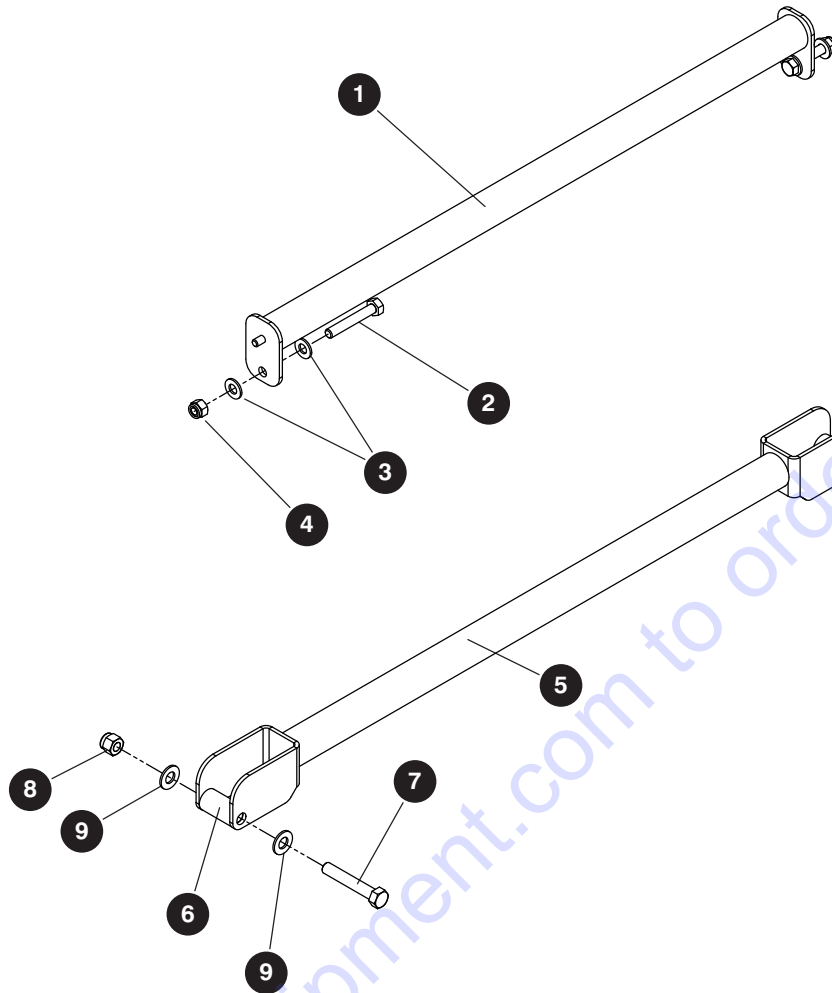
## 1.5 Swing Gate



M164618AB

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| <b>A</b>  | 164589           | 1    | SWING GATE ASSEMBLY (30" x 60")                          |
| <b>B</b>  | 164618           | 1    | SWING GATE ASSEMBLY (30" x 72")                          |
| 1         | 164590           | 1    | • BRACKET, Hinge mounting                                |
| 2         | 164593           | 1    | • WELDMENT, Gate <b>A</b>                                |
|           | 164619           | 1    | • WELDMENT, Gate <b>B</b>                                |
| 3         | 110824           | 1    | • PIN LATCH, Door spring                                 |
| 4         | 209527           | 2    | • HINGE, Spring  |
| 5         | 166288           | 1    | • PLATE, Locking <b>A</b>                                |
| 5         | 166287           | 1    | • PLATE, Locking <b>B</b>                                |
| 6         | 100702           | 2    | • CAP, End   |
| 7         | 164592           | 2    | • TAB, Hinge   |
| 8         | 103996           | 10   | • WASHER, Flat (5/16")                                   |
| 9         | 103995           | 12   | • WASHER, Flat (1/4")                                    |
| 10        | 103865           | 5    | • BOLT, Hex head (5/16"-18 x 2.00", Grade 5)             |
| 11        | 139168           | 6    | • BOLT, Button head cap screw (1/2"-20 x 0.75", Grade 5) |
| 12        | 103862           | 6    | • BOLT, Hex head (1/4"-20 x 2.25", Grade 5)              |
| 13        | 103984           | 5    | • NUT, Hex head nylon lock (5/16"-18, Grade 5)           |
| 14        | 115649           | 12   | • NUT, Hex head nylon lock (1/4"-20, Grade 5)            |

## 1.6 Drop Bar



M160707AC

| Index No. | Skyjack Part No. | Qty. | Description                                     |
|-----------|------------------|------|---|
| -         | 160707           | 1    | DROP GATE ASSEMBLY                              |
| 1         | 160708           | 1    | • WELDMENT, Tie bar                             |
| 2         | 103865           | 2    | • BOLT, Hex head (5/16"-18 x 2.00", Grade 5)    |
| 3         | 103996           | 4    | • WASHER, Flat (5/16")                          |
| 4         | 103984           | 2    | • NUT, Hex head nylon lock (5/16"-18, Grade 5)  |
| -         | 162965           | 1    | • DROP BAR ASSEMBLY                             |
| 5         | 162958           | 1    | • • WELDMENT, Drop bar                          |
| 6         | 154386           | 2    | • • SPACER (3/8" ID x 0.75" OD x 1.375" long)   |
| 7         | 103872           | 2    | • • BOLT, Hex head (3/8"-16 x 2.25", Grade 5)   |
| 8         | 104606           | 2    | • • NUT, Hex head nylon lock (3/8"-16, Grade 5) |
| 9         | 103472           | 4    | • • WASHER, Flat (3/8")                         |

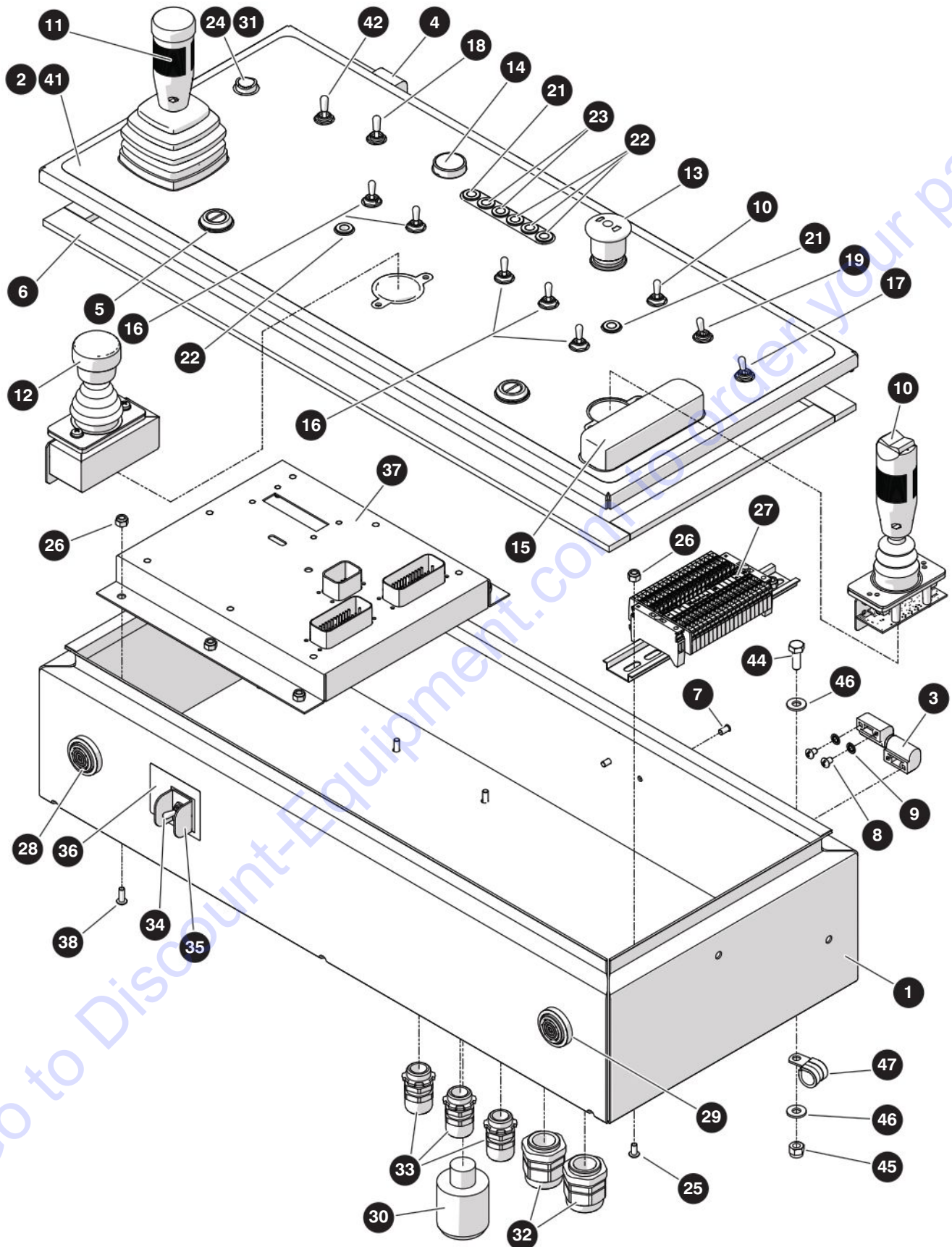


## 1.7 Platform Control Box

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 218375           | 1    | PLATFORM CONTROL BOX   |
| -         | 218345           | 1    | • CONTROL BOX, Platform  |
| 1         | 218346           | 1    | • • BODY, Control box  |
| 2         | 218421           | 1    | • • LID, Control box   |
| 3         | 149384           | 1    | • • HINGE, Nylon (Left hand)   |
| 4         | 149385           | 1    | • • HINGE, Nylon (Right hand)  |
| 5         | 138715           | 2    | • • LATCH, Slotted door  |
| 6         | 138334           | 1    | • • WEATHER STRIP, Cut   |
| 7         | 159879           | 2    | • • STUD, Aluminum (#10-32 x 3/8")   |
| 8         | 103959           | 8    | • • SCREW, Round head machine (#10-24 x 1/4")  |
| 9         | 163512           | 8    | • • WASHER, Lock (#10)   |
| 10        | (Ref.)           | 1    | • CONTROLLER, Drive / Steer<br>(For components, refer to 1.9 Drive / Steer Controller) |
| 11        | (Ref.)           | 1    | • CONTROLLER, Boom / Turret<br>(For components, refer to 1.8 Boom / Turret Controller) |
| 12        | (Ref.)           | 1    | • CONTROLLER, Riser<br>(For components, refer to 1.10 Riser Controller)                |
| 13        | 144647           | 1    | • SWITCH ASSEMBLY, PLATFORM E-STOP   |
|           | 147056           | 1    | • • LATCH, Mounting  |
|           | 147229           | 1    | • • SWITCH, LED Block (Red)  |
|           | 147053           | 2    | • • BLOCK, NC Contact  |
|           | 147051           | 1    | • • SWITCH HEAD, Emergency stop  |
| 14        | 144648           | 1    | • SWITCH ASSEMBLY, HORN PUSHBUTTON   |
|           | 147056           | 1    | • • LATCH, Mounting  |
|           | 147054           | 1    | • • BLOCK, NO Contact  |
|           | 147058           | 1    | • • SWITCH HEAD, Horn pushbutton   |
| 15        | 149402           | 1    | • HANDREST   |
| 16        | 102853           | 6    | • SWITCH, Toggle (1NT1-7)  |
| 17        | 115747           | 1    | • SWITCH, Toggle (1NT1-3)  |
| 18        | 124446           | 1    | • SWITCH, Toggle (2NT1-50)   |
| 19        | 115574           | 1    | • SWITCH, Toggle (1NT1-2)  |
| 20        | 144016           | 9    | • SEAL, Panel bushing (not shown)  |
| 21        | 213303           | 2    | • LIGHT, LED - green   |
| 22        | 213307           | 4    | • LIGHT, LED - amber   |
| 23        | 213308           | 2    | • LIGHT, LED - red   |
| 24        | 166087           | 1    | • PUSHBUTTON, Yellow   |
| 25        | 115545           | 2    | • SCREW, Round head machine (#10-32 x 3/8")  |
| 26        | 300450           | 8    | • NUT, Hex lock (#10-32 Grade 5, nylon)  |
| 27        | (Ref.)           | 1    | • PLATFORM TERMINAL STRIP<br>(For components, refer to 1.11 Platform Terminal Strip)   |
| 28        | 103057           | 1    | • BEEPER, 4-28VDC Slow pulsing   |
| 29        | 144387           | 1    | • ALARM, Overload  |
| 30        | 166110           | 1    | • ALARM/FLASHER, 12V red light   |
| 31        | 166086           | 1    | • BODY, Contact block - N/O yellow LED 12-24 V   |
| 32        | 116266           | 2    | • CONNECTOR, Strain relief (PG21)  |
| 33        | 103036           | 3    | • CONNECTOR, Strain relief (1/2")  |
| 34        | 218481           | 1    | • SWITCH, Toggle (1NT1-3D)   |



# 1.7 Platform Control Box



M218375AF

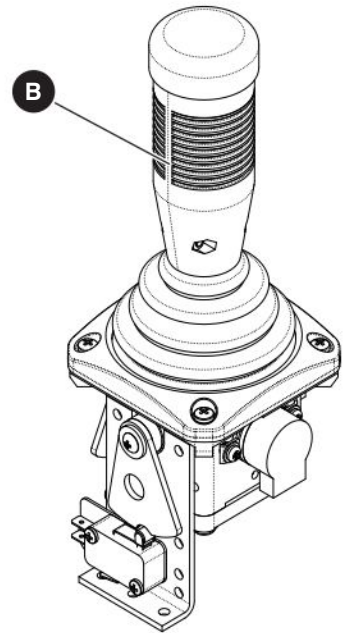
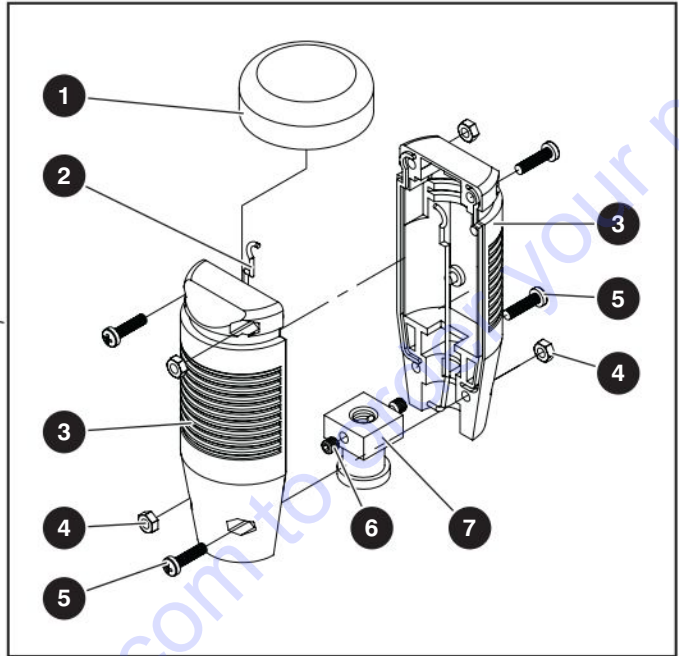
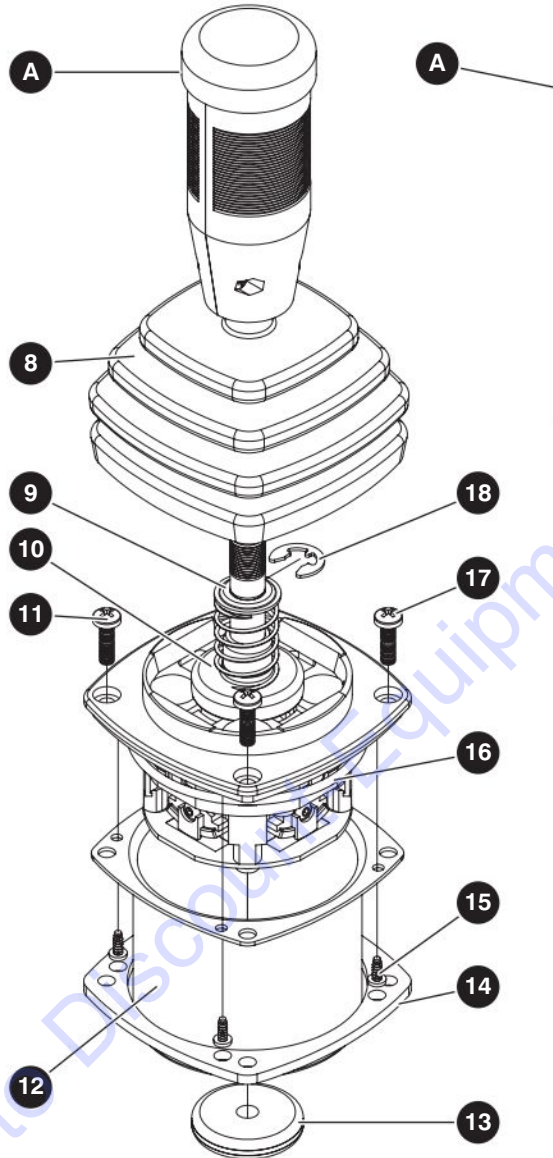
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SJ45 AJ+

## 1.7 Platform Control Box

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| 35        | 111181           | 1    | • GUARD, Toggle switch  |
| 36        | 231398           | 1    | • LABEL, Override switch  |
| 37        | 218382           | 1    | • MODULE, Slave   |
|           | 218277           | 1    | • • SERVICE TOOL  |
|           | 218276           | 1    | • • • HARNESS, SMB1 to peak   |
|           | 218278           | 1    | • • • ADAPTER, PCAN-USB   |
| 38        | 103962           | 6    | • SCREW, Round head machine (#10-32 x 1/2")                                     |
| 39        | 103855           | 2    | • BOLT, Hex head (1/4"-20 x 1/2" Grade 5)                                       |
| 40        | 103995           | 2    | • WASHER, Flat (1/4")   |
| 41        | (Ref.)           | 1    | • LABEL, Platform controls<br>(For components, refer to 10.4 Labels - Platform) |
| 42        | 115747           | 1    | SWITCH, Toggle (dual fuel) - <b>Kubota WG972</b>                                |
| 43        | 144016           | 1    | SEAL, Panel bushing (not shown) - <b>Kubota WG972</b>                           |
| 44        | 103856           | 4    | BOLT, Hex head (1/4"-20 x 3/4" gr 5)  |
| 45        | 115649           | 4    | NUT, Hex head nylon (1/4"-20 gr 5)  |
| 46        | 103995           | 8    | WASHER, Flat (1/4")   |
| 47        | 103024           | 1    | CLIP, Single (G8)   |

# 1.8 Boom / Turret Controller



M138225AA\_M220628AA

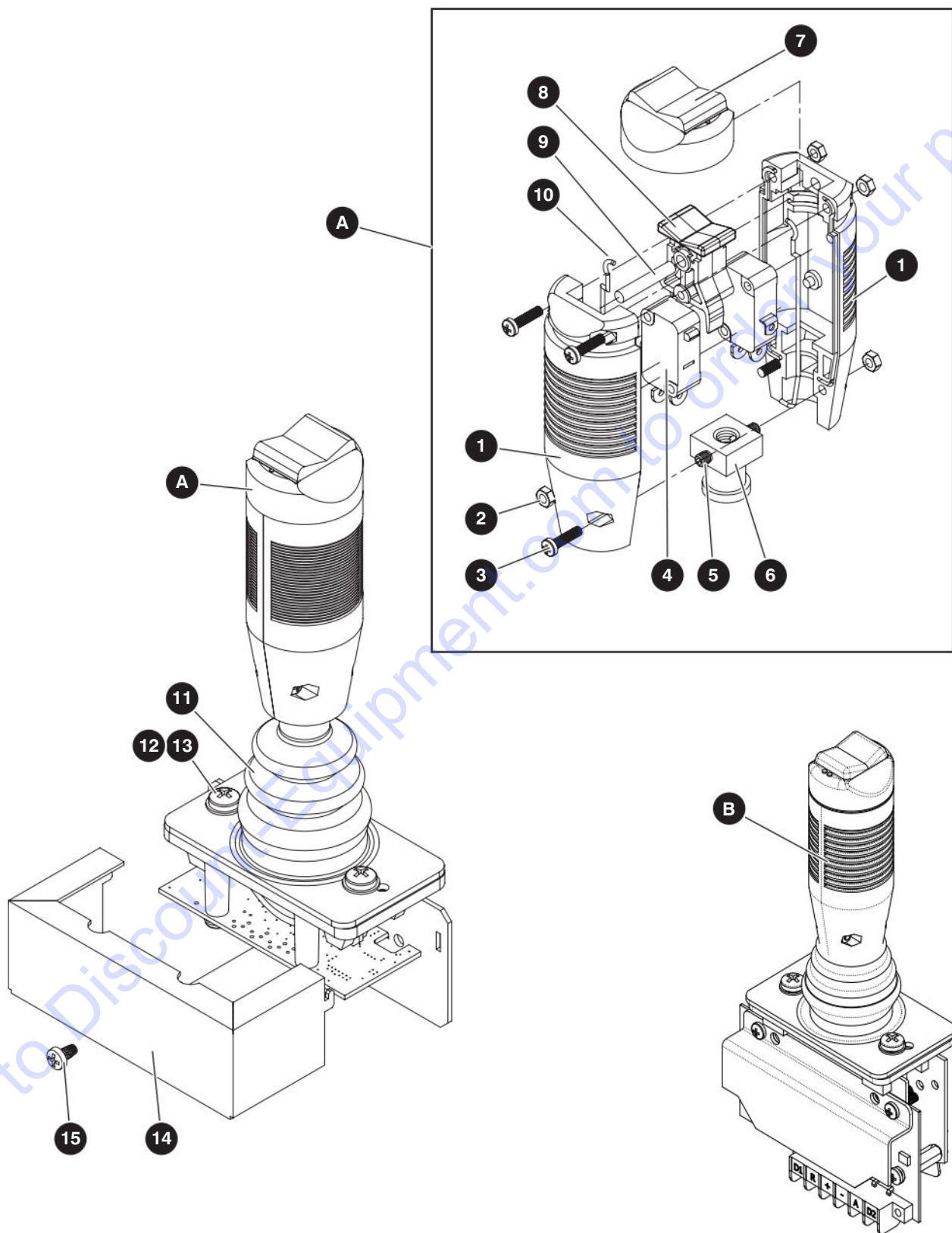
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SJ45 AJ+

## 1.8 Boom / Turret Controller

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| <b>A</b>  | 138225           | 1    | BOOM / TURRET CONTROLLER ASSEMBLY (DUAL AXIS)                               |
| 1         | 141326           | 1    | • CAP, Rubber   |
| 2         | 141327           | 2    | • GASKET  |
| 3         | 141325           | 2    | • HANDLE, Half  |
| 4         | 141328           | 4    | • NUT   |
| 5         | 141329           | 4    | • SCREW   |
| 6         | 141331           | 2    | • SCREW, Set  |
| 7         | 141330           | 1    | • COUPLING, (10 mm)   |
| 8         | 141313           | 1    | • BOOT  |
| 9         | 141323           | 1    | • WASHER, Retainer  |
| 10        | 141315           | 1    | • SHOE, Spring  |
| 11        | 141321           | 4    | • SCREW, Mounting (M4)  |
| 12        | 141316           | 1    | • CAN, Enclosure  |
| 13        | 141320           | 1    | • GROMMET, Rubber   |
| 14        | 141317           | 1    | • GASKET, Mounting  |
| 15        | 141319           | 4    | • SCREW   |
| 16        | 141318           | 1    | • O-RING  |
| 17        | 141324           | 1    | • SPRING, Compression   |
| 18        | 141322           | 1    | • CLIP, Retainer  |
| 19        | 216879           | 1    | • CONNECTOR, Male (4-pin) (not shown)                                       |
| 20        | 216880           | 1    | • CONNECTOR, Female (4-pin) (not shown)                                     |
| <b>B</b>  | 220628           | 1    | RISER BOOM CONTROLLER (Single Axis) - Potentiometer style - <b>Optional</b> |

# 1.9 Drive / Steer Controller



M138224AA\_M220627AA

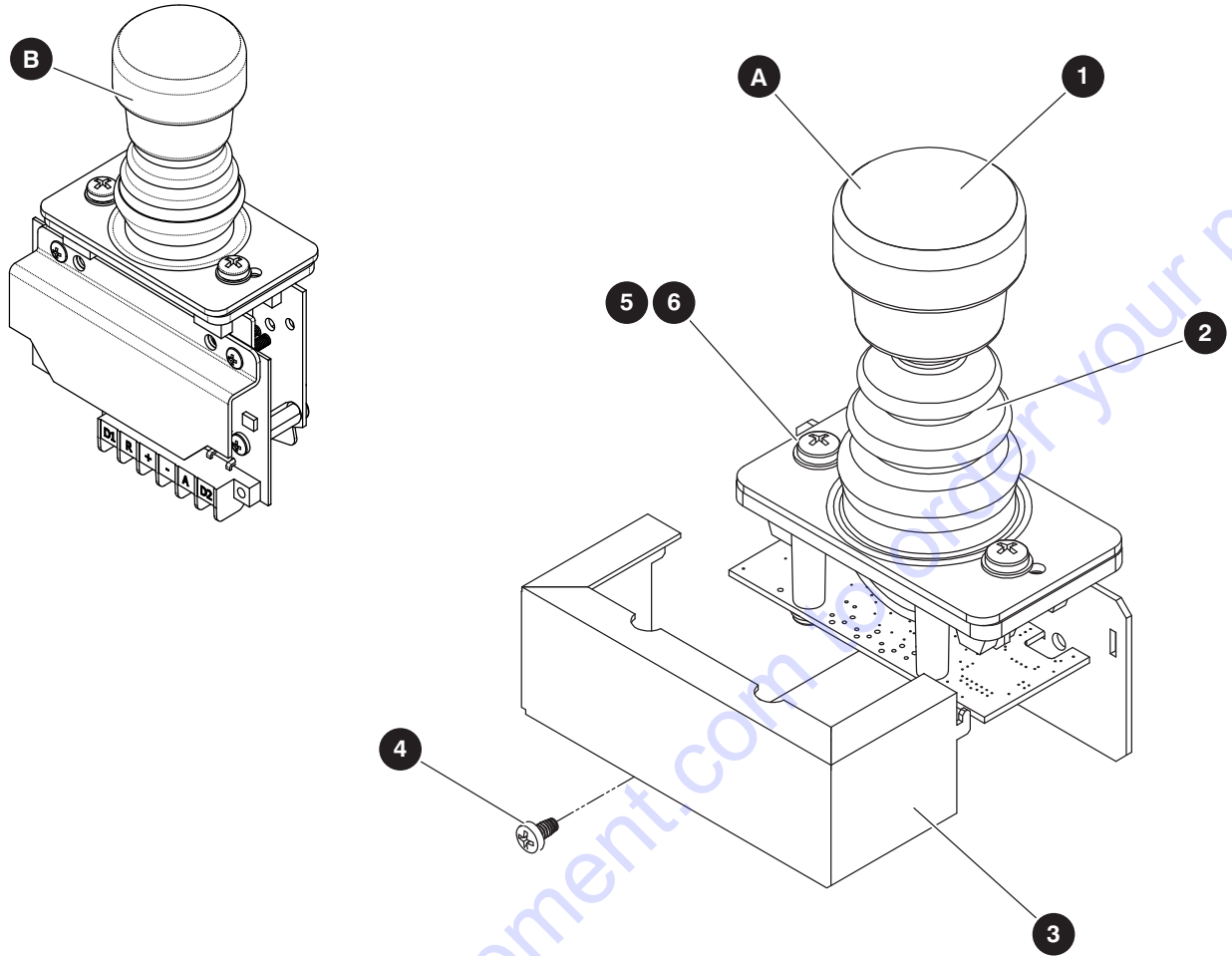
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SJ45 AJ+

## 1.9 Drive / Steer Controller

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| <b>A</b>  | 138224           | 1    | DRIVE / STEER CONTROLLER ASSEMBLY (SINGLE AXIS)                                |
| 1         | 141338           | 2    | • HANDLE, Half   |
| 2         | 141328           | 4    | • NUT  |
| 3         | 141329           | 4    | • SCREW  |
| 4         | 141342           | 2    | • MICROSWITCH  |
| 5         | 141331           | 2    | • SCREW, Set   |
| 6         | 141343           | 1    | • COUPLING, (8 MM)   |
| 7         | 141339           | 1    | • CAP, Rubber  |
| 8         | 141340           | 1    | • ROCKER   |
| 9         | 141341           | 1    | • ROCKER, Axle   |
| 10        | 141327           | 2    | • GASKET   |
| 11        | 141334           | 1    | • BOOT ASSEMBLY, Standard  |
| 12        | 141336           | 2    | • SCREW Mounting   |
| 13        | 141335           | 2    | • WASHER, Mounting   |
| 14        | 141333           | 1    | • ENCLOSURE  |
| 15        | 141337           | 1    | • SCREW, Enclosure   |
| <b>B</b>  | 220627           | 1    | DRIVE / STEER CONTROLLER (SINGLE AXIS) - Potentiometer style - <b>Optional</b> |

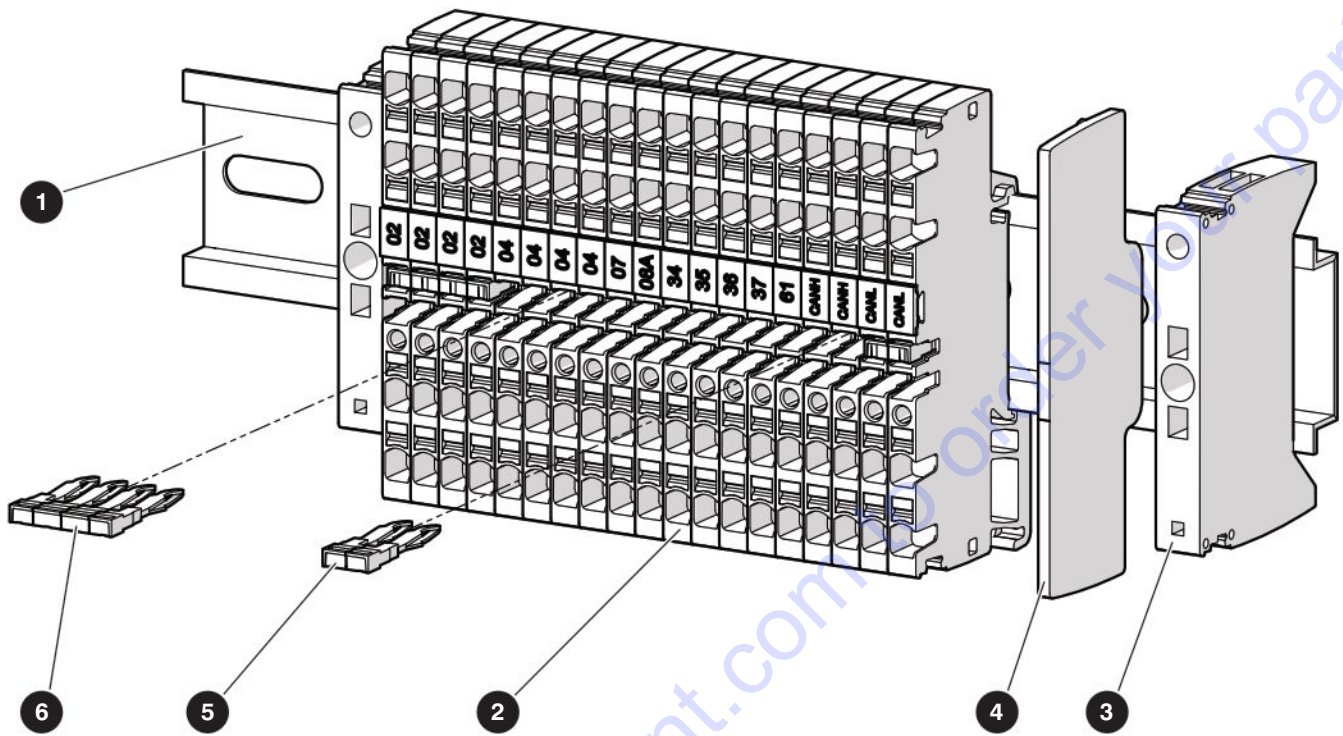
## 1.10 Riser Controller



M148707AA\_M220626AA

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| <b>A</b>  | 148707           | 1    | RISER BOOM CONTROLLER (Single Axis)   |
| 1         | 154648           | 1    | • CAP, Handle   |
| 2         | 141334           | 1    | • BOOT ASSEMBLY, Standard   |
| 3         | 141333           | 1    | • ENCLOSURE   |
| 4         | 141337           | 1    | • SCREW, Enclosure  |
| 5         | 141336           | 2    | • SCREW, Mount  |
| 6         | 141335           | 2    | • WASHER, Mount   |
| <b>B</b>  | 220626           | 1    | RISER BOOM CONTROLLER (Single Axis) - Potentiometer style - <b>Optional</b> |

## 1.11 Platform Terminal Strip

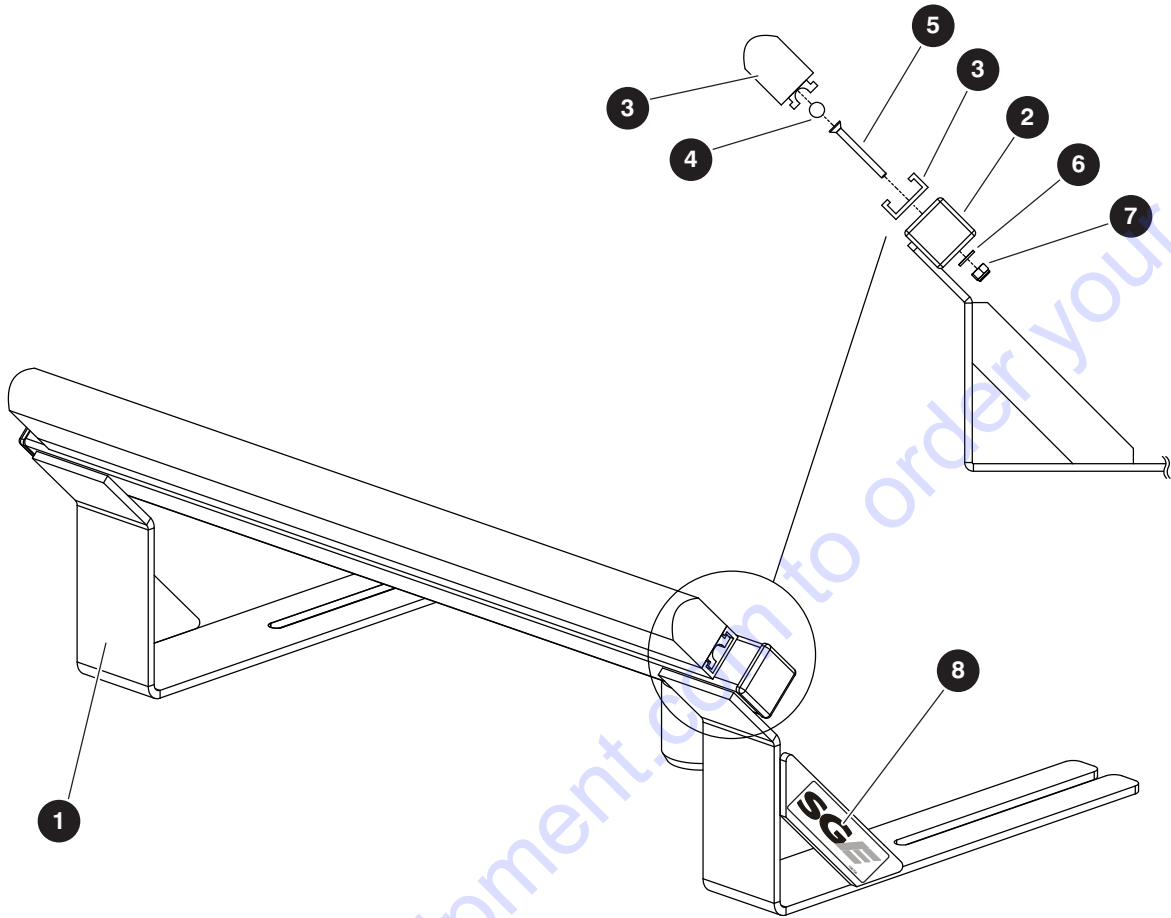


M218402AD

| Index No. | Skyjack Part No. | Qty.   | Description             |
|-----------|------------------|--------|-------------------------|
| -         | 218402           | 1      | PLATFORM TERMINAL STRIP |
| 1         | 233337           | 205 mm | • RAIL                  |
| 2         | 233338           | 19     | • BLOCK, Terminal       |
| 3         | 233341           | 2      | • PLATE, End            |
| 4         | 233342           | 1      | • PLATE, Separator      |
| 5         | 233343           | 2      | • JUMPER, 2-pin         |
| 6         | 233344           | 2      | • JUMPER, 4-pin         |



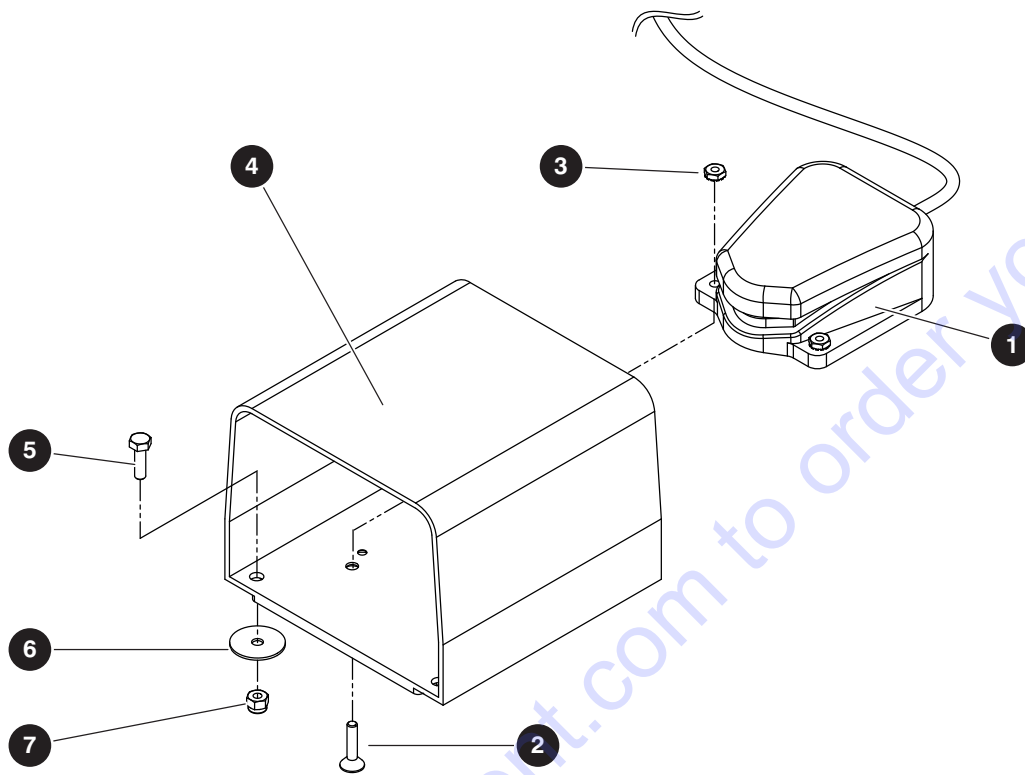
# 1.12 SGE



M198348AA

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 198348           | 1    | SGE  |
| 1         | 166101           | 1    | • SUPPORT, Sensing edge                                  |
| 2         | 100702           | 2    | • PLUG, Tube (1.25" x 1.25")                             |
| 3         | 166107           | 1    | • SENSING EDGE   |
| 4         | 166104           | 1    | • ROD, Sensing edge lock                                 |
| 5         | 166105           | 3    | • SCREW, Flat head cap (10-32 x 1.75" gr 5)              |
| 6         | 104694           | 3    | • WASHER, Flat (#10)                                     |
| 7         | 300450           | 3    | • NUT, Lock (10-32 gr 5 nylon)                           |
| 8         | 166756           | 2    | • LABEL, SGE   |
| 9         | 167218           | 1    | • SCREW, Slotted binding head (6-32 x 0.25") (not shown) |

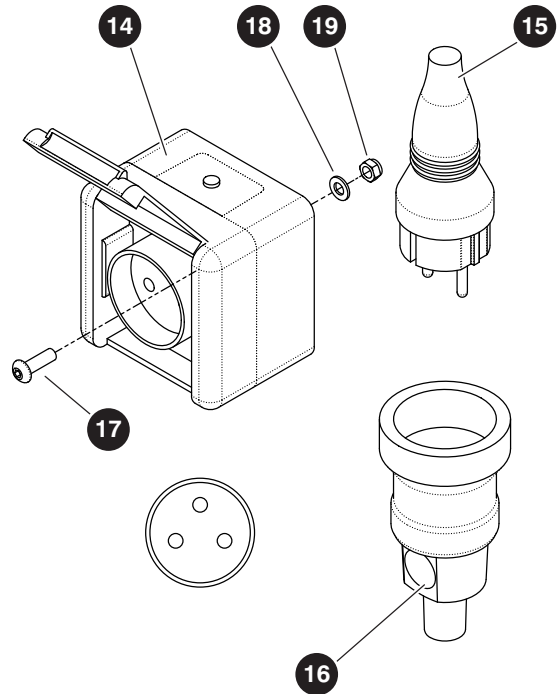
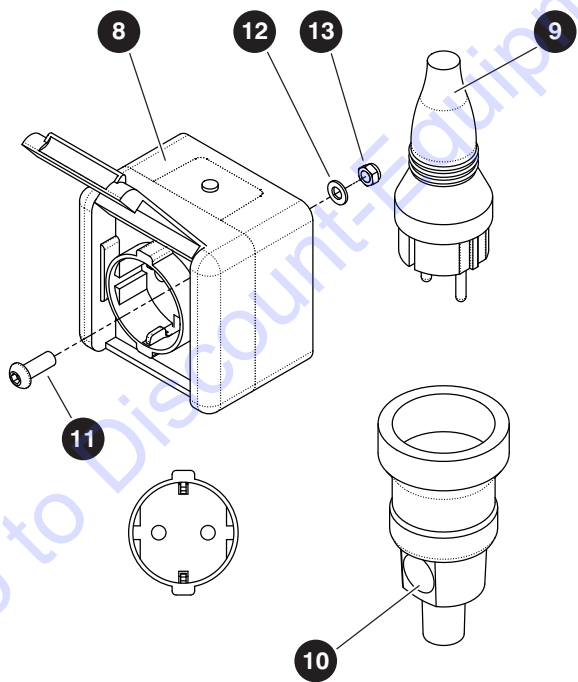
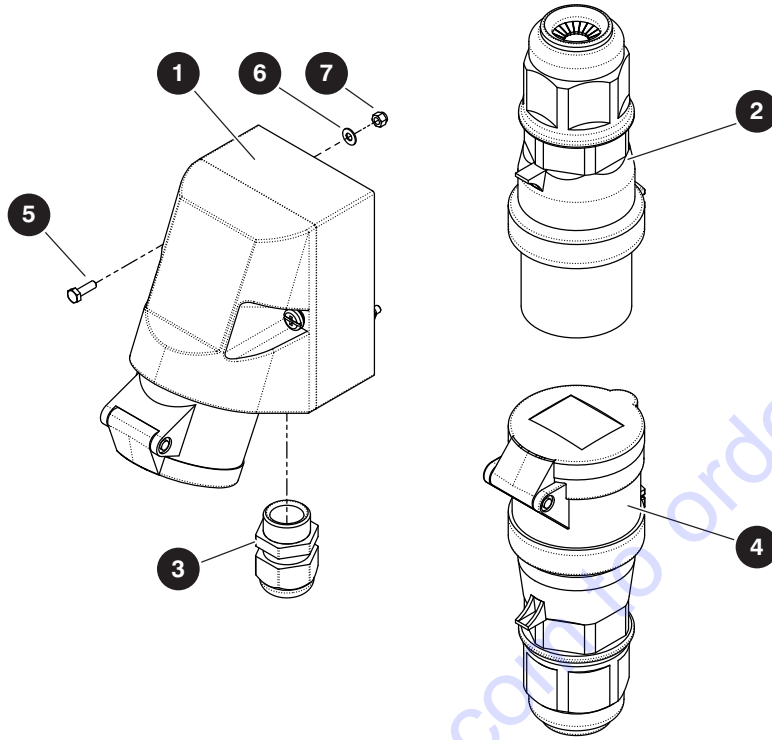
## 1.13 Footswitch



M154127AC

| Index No. | Skyjack Part No. | Qty. | Description                                  |
|-----------|------------------|------|--|
| -         | 154127           | 1    | FOOTSWITCH ASSEMBLY                          |
| 1         | 700187           | 1    | • FOOTSWITCH                                 |
| 2         | 139688           | 2    | • SCREW, Flat head machine (1/4"-20 x 1.00") |
| 3         | 130017           | 2    | • NUT, K-lock (#10-32, zinc)                 |
| 4         | 700188           | 1    | • COVER, Footswitch                          |
| 5         | 103891           | 4    | BOLT, Hex head (1/4"-20 x 0.87", Grade 5)    |
| 6         | 700598           | 4    | WASHER, Fender                               |
| 7         | 115649           | 4    | NUT, Hex lock (1/4"-20 Grade 5, nylon)       |

# 1.14 Power to Platform - CE & AS



M226505AA\_M226509AA\_M226513AA

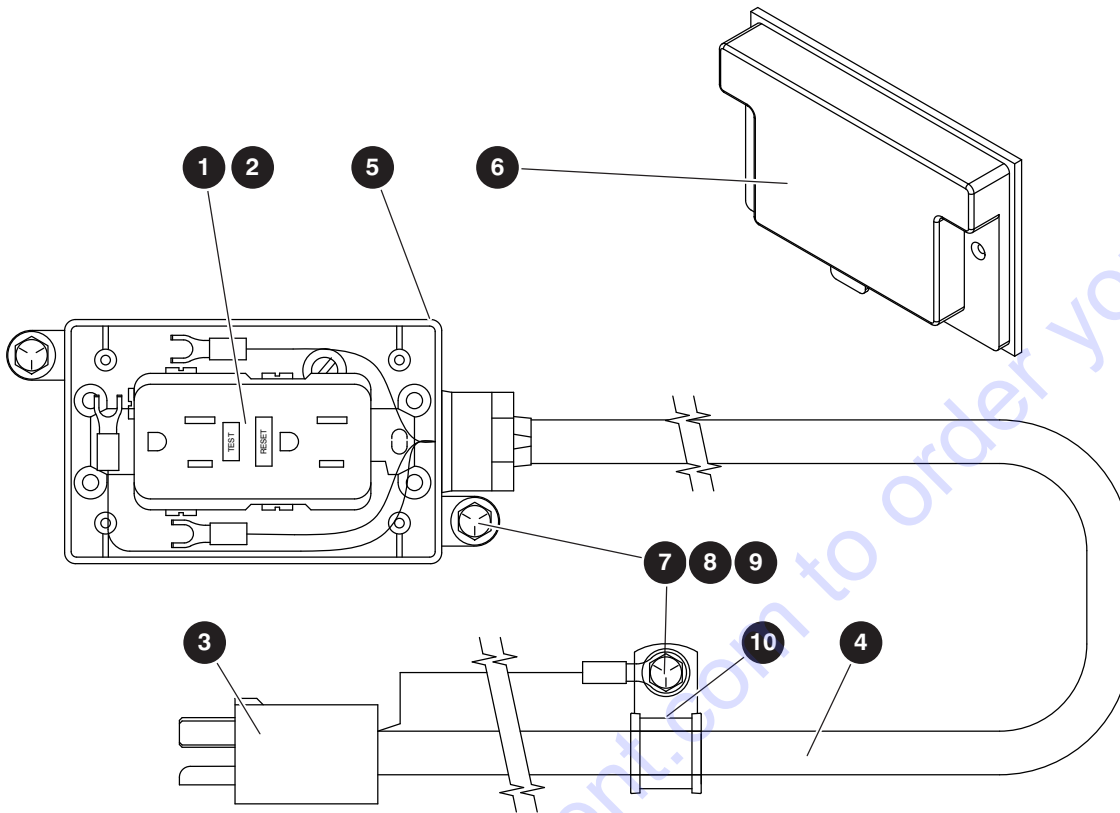
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## 1.14 Power to Platform - CE & AS

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| <b>A</b>  | 226505           | 1    | POWER TO PLATFORM OUTLET - <b>UK with generator</b>   |
| <b>B</b>  | 226507           | 1    | POWER TO PLATFORM OUTLET - <b>UK no generator</b>   |
| 1         | 226503           | 1    | <ul style="list-style-type: none"> <li>• RECEPTACLE, 16 amp 110 VAC 2P+E</li> </ul>           |
| 2         | 226501           | 1    | <ul style="list-style-type: none"> <li>• PLUG, 16 amp 110 VAC 2P+E</li> </ul>                 |
| 3         | 138373           | 1    | <ul style="list-style-type: none"> <li>• STRAIN RELIEF, M20</li> </ul>                        |
| 4         | 226502           | 1    | <ul style="list-style-type: none"> <li>• RECEPTACLE, 16 amp 110 VAC 2P+E, <b>A</b></li> </ul> |
| 5         | 228463           | 2    | <ul style="list-style-type: none"> <li>• BOLT, Hex head (M3 x 0.5 x 10, cl 8.8)</li> </ul>    |
| 6         | 600579           | 2    | <ul style="list-style-type: none"> <li>• WASHER, Flat (M4)</li> </ul>                         |
| 7         | 217626           | 2    | <ul style="list-style-type: none"> <li>• NUT, Hex head nylon lock (M3 x 0.5, cl 8)</li> </ul> |
| <b>C</b>  | 226509           | 1    | POWER TO PLATFORM OUTLET - <b>Type F with generator</b>                                       |
| <b>D</b>  | 226511           | 1    | POWER TO PLATFORM OUTLET - <b>Type F no generator</b>   |
| 8         | 226454           | 1    | <ul style="list-style-type: none"> <li>• OUTLET, Socket - 16 amp 250 V</li> </ul>             |
| 9         | 157192           | 1    | <ul style="list-style-type: none"> <li>• PLUG, 250 V</li> </ul>                               |
| 10        | 226504           | 1    | <ul style="list-style-type: none"> <li>• RECEPTACLE, 250 V 16 amp, <b>C</b></li> </ul>        |
| 11        | 228459           | 2    | <ul style="list-style-type: none"> <li>• BOLT, Hex head (M5 x 0.8 x 16, cl 10.9)</li> </ul>   |
| 12        | 933816           | 2    | <ul style="list-style-type: none"> <li>• WASHER, Flat (M5)</li> </ul>                         |
| 13        | 217628           | 2    | <ul style="list-style-type: none"> <li>• NUT, Hex head nylon lock (M5 x 0.8, cl 8)</li> </ul> |
| <b>E</b>  | 226513           | 1    | POWER TO PLATFORM OUTLET - <b>Type E with generator</b>                                       |
| <b>F</b>  | 226515           | 1    | POWER TO PLATFORM OUTLET - <b>Type E no generator</b>   |
| 14        | 226455           | 1    | <ul style="list-style-type: none"> <li>• OUTLET, Socket - 16 amp 250 V</li> </ul>             |
| 15        | 157192           | 1    | <ul style="list-style-type: none"> <li>• PLUG, 250 V</li> </ul>                               |
| 16        | 226504           | 1    | <ul style="list-style-type: none"> <li>• RECEPTACLE, 250 V 16 amp, <b>E</b></li> </ul>        |
| 17        | 228459           | 2    | <ul style="list-style-type: none"> <li>• BOLT, Hex head (M5 x 0.8 x 16, cl 10.9)</li> </ul>   |
| 18        | 933816           | 2    | <ul style="list-style-type: none"> <li>• WASHER, Flat (M5)</li> </ul>                         |
| 19        | 217628           | 2    | <ul style="list-style-type: none"> <li>• NUT, Hex head nylon lock (M5 x 0.8, cl 8)</li> </ul> |
| -         | 103259           | 734" | CABLE, 220V (not shown)   |

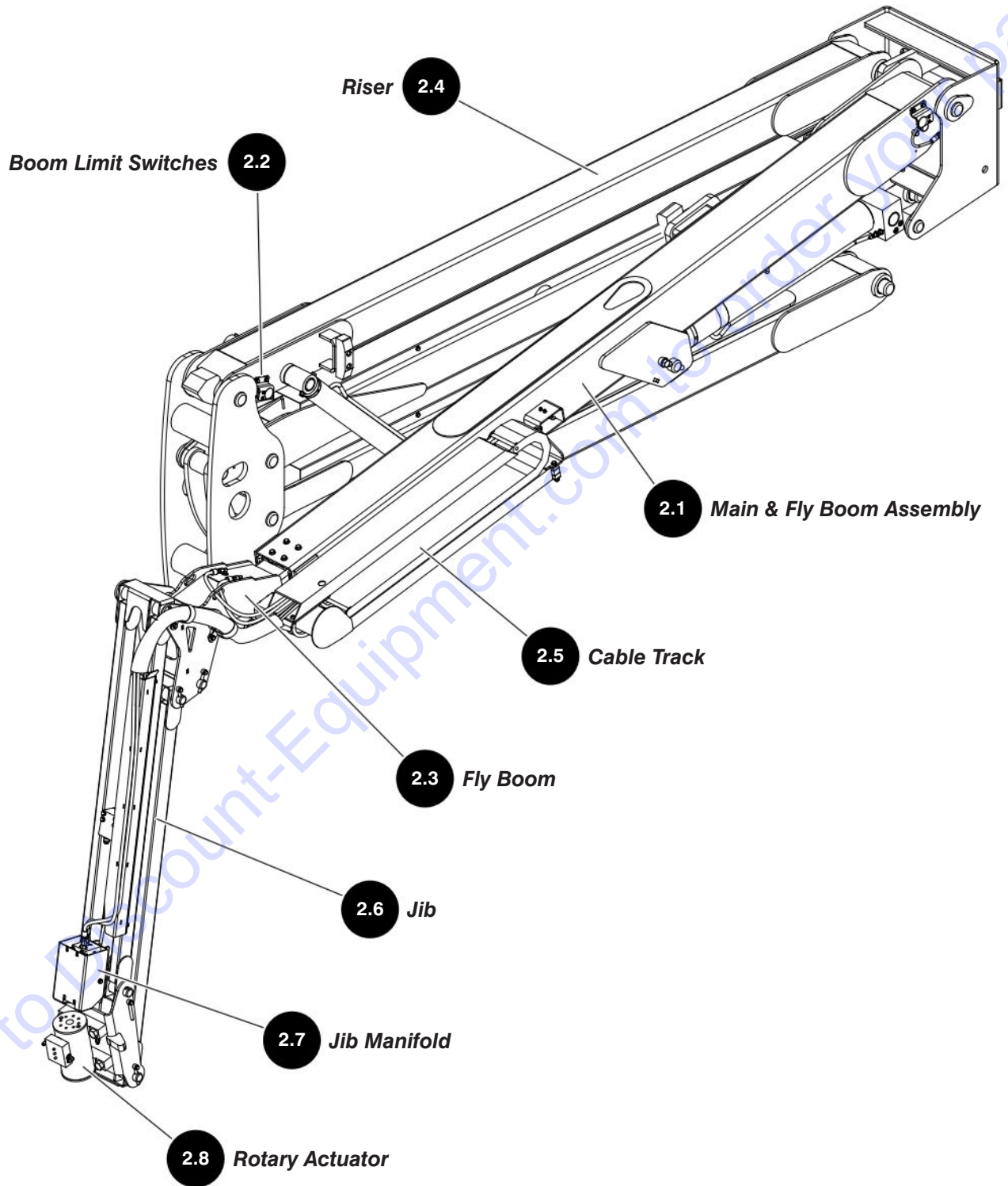
## 1.15 Power to Platform - ANSI/CSA



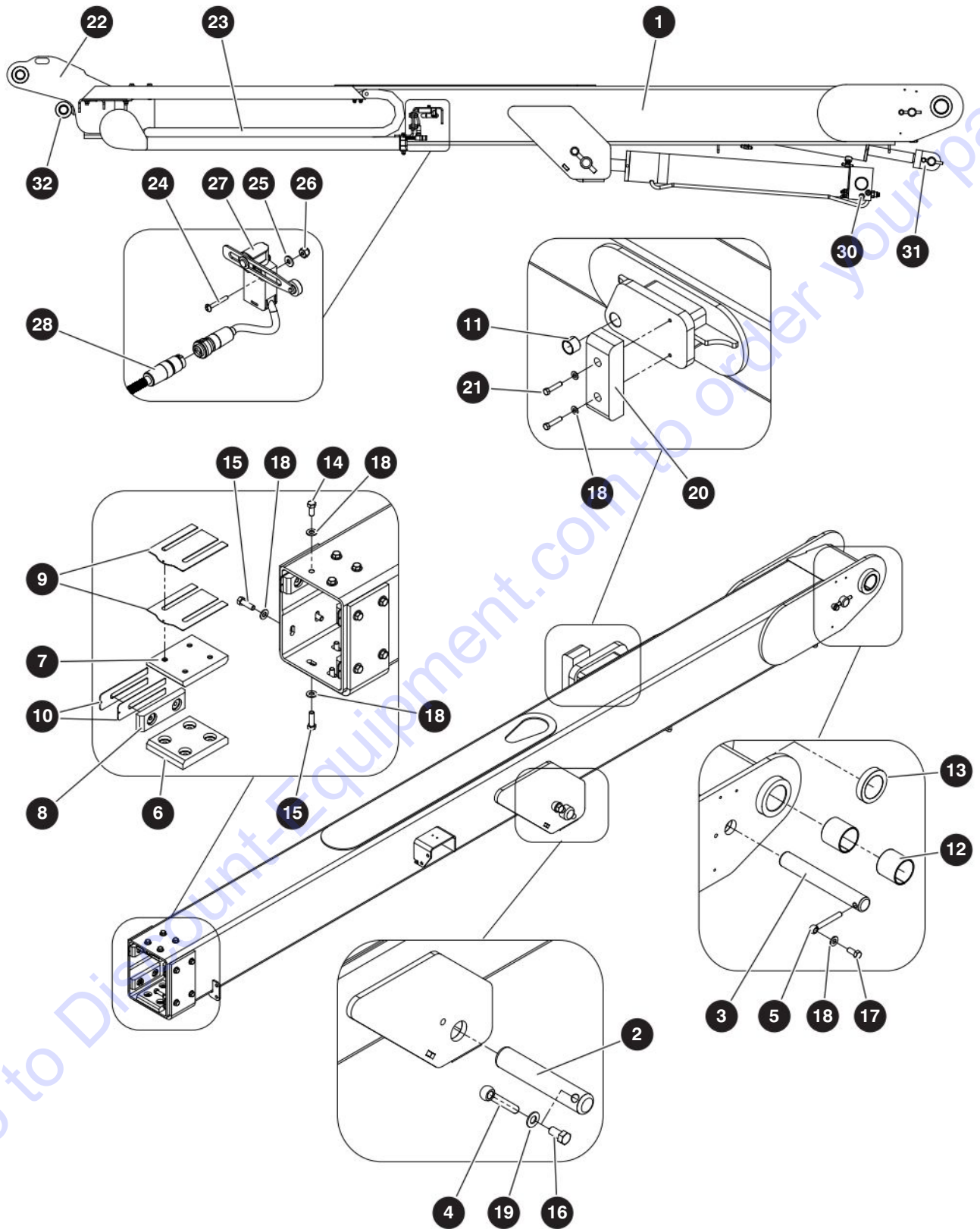
M1448634AA

| Index No. | Skyjack Part No. | Qty. | Description                                  |
|-----------|------------------|------|--|
| -         | 148634           | 1    | 110V OUTLET ASSEMBLY                         |
| 1         | 109698           | 1    | • RECEPTACLE, GFI                            |
| 2         | 121461           | 2    | • BOLT, Machine round head (6-32 UNC x 3/8") |
| -         | 149492           | 1    | • 110V CABLE ASSEMBLY                        |
| 3         | 104208           | 1    | • • PLUG, Male (15A - 225V)                  |
| 4         | 103259           | 758" | • • CABTIRE (12/3 300V)                      |
| 4         | 136328           | 1    | • BOX, AC outlet                             |
| 5         | 109699           | 1    | • PLATE, Weatherproof cover                  |
| 6         | 115649           | 3    | • NUT, Hex nylon lock (1/4"-20, Grade 5)     |
| 7         | 103857           | 3    | • BOLT, Hex head (1/4"-20 x 1", Grade 5)     |
| 8         | 103995           | 3    | • WASHER, Flat (1/4")                        |
| 9         | 103024           | 1    | • CLIP, Single (G8)                          |

# Section 2 – Boom



## 2.1 Main & Fly Boom Assembly



M162409AA

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SJ45 AJ+

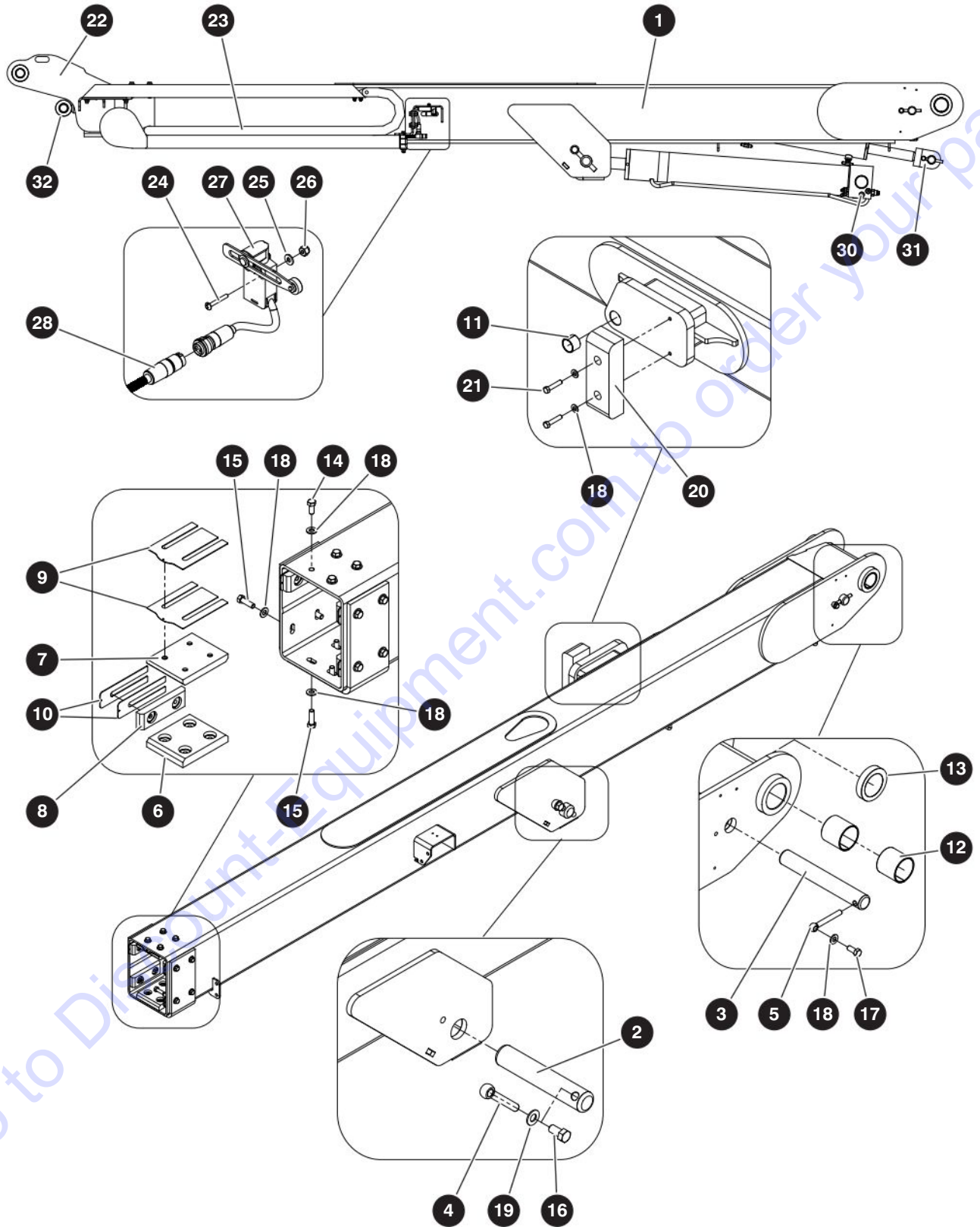
SKYJACK

## 2.1 Main & Fly Boom Assembly

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 218930           | 1    | MAIN AND FLY BOOM ASSEMBLY  |
|           | 161977           | 1    | • MAIN BOOM ASSEMBLY  |
| 1         | 161981           | 1    | • • MAIN BOOM WELDMENT  |
| 2         | 148843           | 1    | • • PIN (1 3/4" diameter x 9 1/2")  |
| 3         | 148844           | 1    | • • PIN (1.25" diameter x 9")   |
| 4         | 146898           | 1    | • • KEEPER PIN (5/8")   |
| 5         | 146897           | 1    | • • KEEPER PIN (3/8")   |
| 6         | 148826           | 1    | • • PAD, Bottom   |
| 7         | 148827           | 1    | • • PAD, Top  |
| 8         | 148828           | 4    | • • PAD, Side   |
| 9         | 148829           | AR   | • • SHIM, 16 Gauge (top)  |
|           | 148830           | AR   | • • SHIM, 20 Gauge (top)  |
| 10        | 148837           | AR   | • • SHIM, 16 Gauge (side)   |
|           | 148838           | AR   | • • SHIM, 20 Gauge (side)   |
| 11        | 148817           | 2    | • • BUSHING (2" ID x 2")  |
| 12        | 148847           | 1    | • • BUSHING (1 1/4" ID x 1")  |
| 13        | 149267           | 2    | • • SPACER (Extension cylinder)   |
| 14        | 300437           | 4    | • • BOLT, Hex head (3/8"-16 x 7/8" Grade 5)                               |
| 15        | 101297           | 12   | • • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)                             |
| 16        | 149015           | 1    | • • BOLT, Hex head/patch (5/8"-16 x 7/8" Grade 8, ZP)                     |
| 17        | 139193           | 1    | • • BOLT, Hex head patch (3/8"-16 x 7/8" Grade 8, ZP)                     |
| 18        | 125959           | 19   | • • WASHER, Flat (3/8")   |
| 19        | 700782           | 1    | • • WASHER, Flat (5/8")   |
| 20        | 152306           | 1    | • • PAD, Wear - boom  |
| 21        | 103871           | 2    | • • BOLT, Hex head (3/8"-16 x 1.75" Grade 5)                              |
| 22        | (Ref.)           | 1    | • FLY BOOM ASSEMBLY<br>(For components, refer to 2.3 Fly Boom)            |
| 23        | (Ref.)           | 1    | • E-CHAIN ASSEMBLY<br>(For components, refer to 2.5 Cable Track)          |
| -         | 161980           | 1    | • BOOM EXTEND LIMIT SWITCH ASSEMBLY                                       |
| 24        | 112248           | 2    | • • SCREW, Round head machine (#8-32 x 1")                                |
| 25        | 103991           | 2    | • • WASHER, Flat (#8)   |
| 26        | 138765           | 2    | • • NUT, Hex lock (#8-32 Grade 5, nylon)                                  |
| 27        | 207016           | 1    | • • SWITCH, Limit (with adjustable lever arm)                             |
|           | 207849           | 1    | • • • BODY, Limit switch  |
|           | 160009           | 1    | • • • HEAD, Limit switch  |
|           | 160011           | 1    | • • • LEVER, Limit switch   |
| 28        | 207853           | 1    | • • • CORD, Limit Switch (17 m)   |
| 29        | (Ref.)           | 1    | • EXTENSION CYLINDER<br>(For components, refer to 3.1 Extension Cylinder) |
| 30        | (Ref.)           | 1    | • MAIN BOOM LIFT CYLINDER<br>(For components, refer to 3.2 Lift Cylinder) |



## 2.1 Main & Fly Boom Assembly



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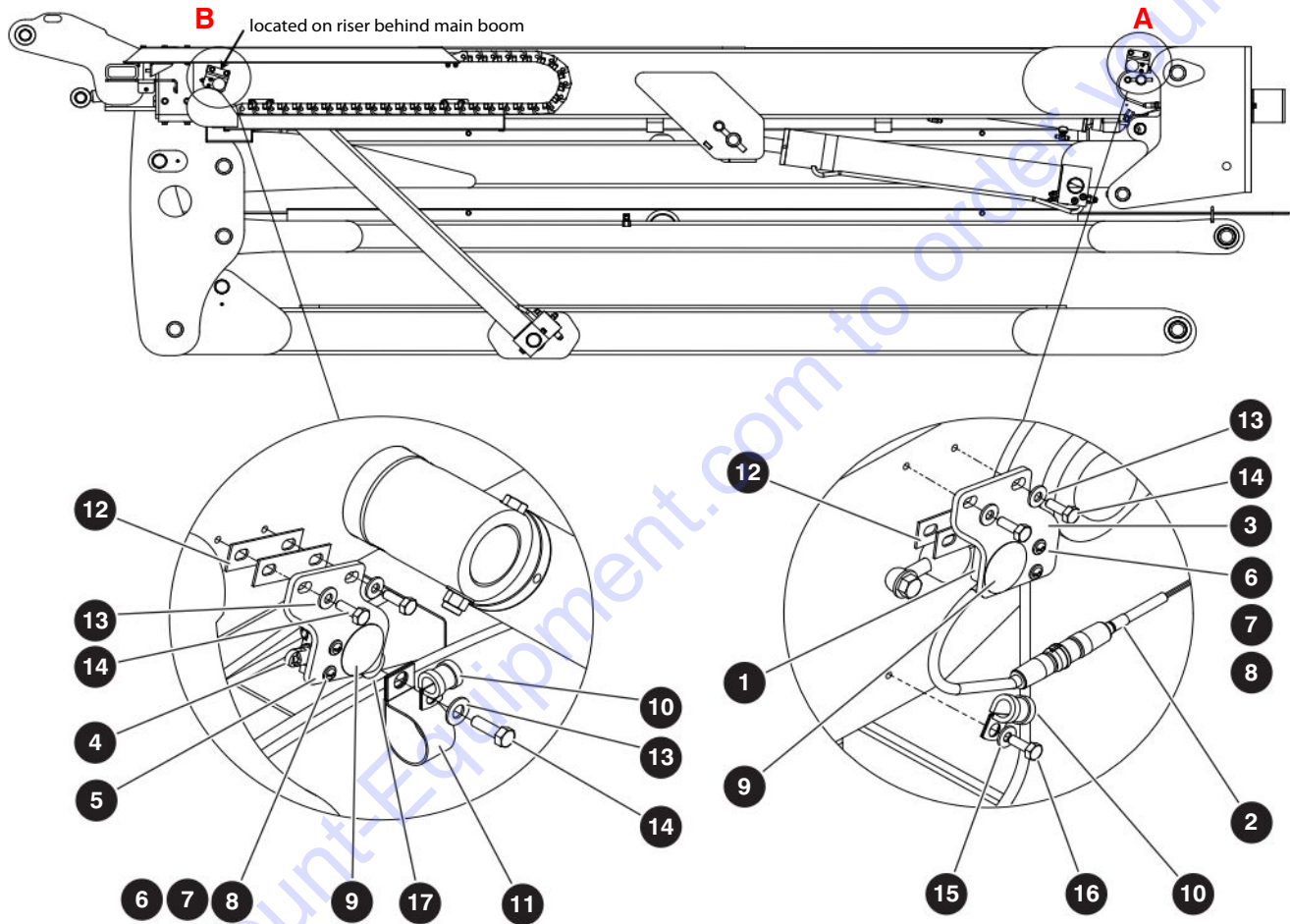
SJ45 AJ+

SKYJACK

## 2.1 Main & Fly Boom Assembly

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| 31        | (Ref.)           | 1    | <ul style="list-style-type: none"><li>• MASTER CYLINDER<br/>(For components, refer to 3.5 Master Cylinder)</li></ul>         |
| 32        | (Ref.)           | 1    | <ul style="list-style-type: none"><li>• SLAVE CYLINDER<br/>(For components, refer to 3.6 Slave Cylinder)</li></ul>           |
| 33        | (Ref.)           | 1    | <ul style="list-style-type: none"><li>• E-CHAIN HOSE KIT (Not Shown)<br/>(For components, refer to 8.2 Boom Hoses)</li></ul> |

## 2.2 Boom Limit Switches



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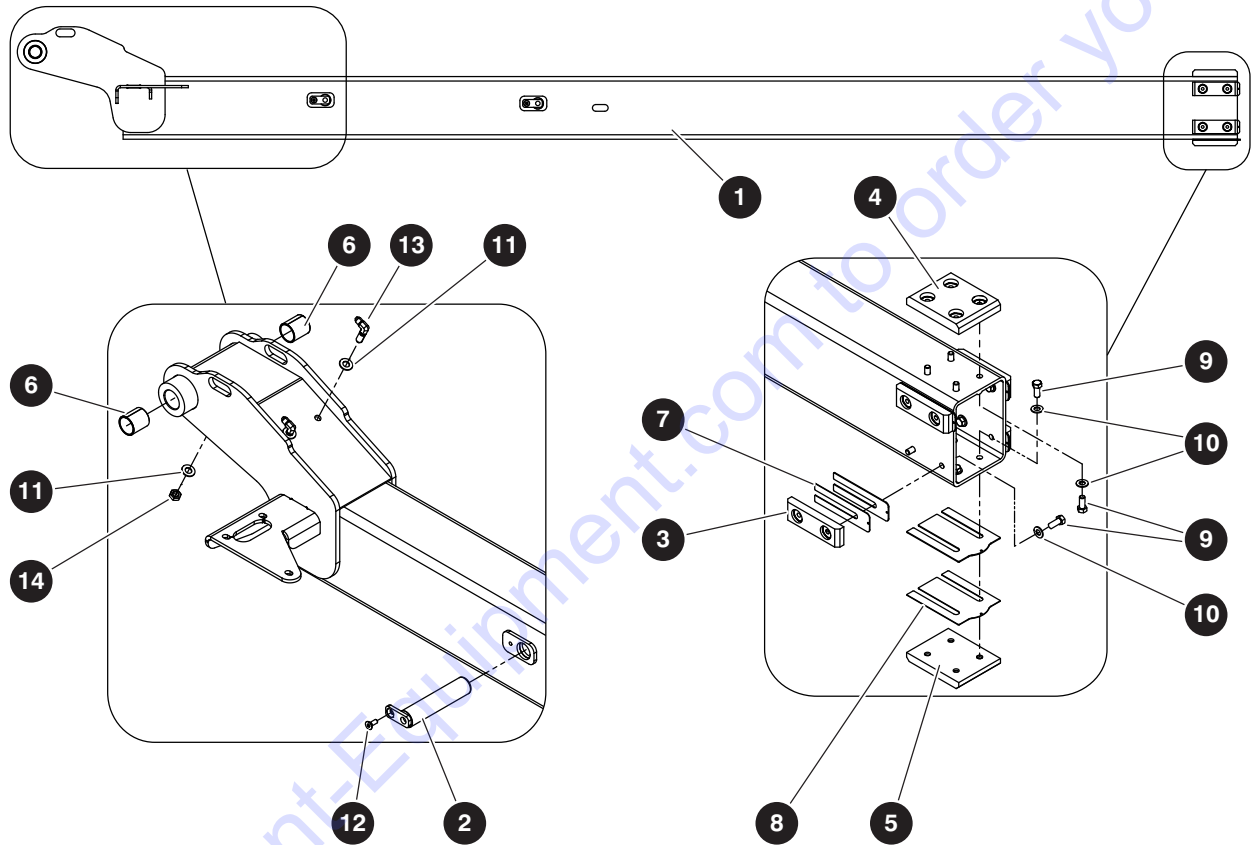
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## 2.2 Boom Limit Switches

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 162345           | 1    | LIMIT SWITCH ASSEMBLY - MAIN AND RISER BOOM                |
| <b>A</b>  | 162362           | 1    | • BRACKET ASSEMBLY, Limit Switch                           |
| 1         | 207017           | 1    | • • SWITCH ASSEMBLY, Roller plunger                        |
| 2         | 207853           | 1    | • • • CORD, Switch   |
|           | 207849           | 1    | • • • BODY, Limit switch                                   |
|           | 207850           |      | • • • HEAD, Limit switch                                   |
| 3         | 162363           | 1    | • • BRACKET  |
| <b>B</b>  | 162370           | 1    | • BRACKET ASSEMBLY, Limit Switch                           |
| 4         | 199546           | 1    | • • SWITCH, Limit, roller plunger                          |
|           | 207850           |      | • • • HEAD, Limit switch                                   |
| 5         | 162363           | 1    | • • BRACKET  |
| 6         | 152294           | 2    | • • SCREW, Round head machine (#8-32 x 1.25"), <b>A, B</b> |
| 7         | 138765           | 2    | • • NUT, Hex head nylon lock (#8-32, Grade 5), <b>A, B</b> |
| 8         | 103991           | 4    | • • WASHER, Flat (#8), <b>A, B</b>                         |
| 9         | 156613           | 1    | • • LABEL, Do not alter, <b>A, B</b>                       |
| 10        | 149495           | 2    | • CLAMP, Tube (cushioned)                                  |
| 11        | 409187           | 1    | • CLAMP, Hose (1-1/2")                                     |
| 12        | 161053           | 4    | • SHIM   |
| 13        | 103995           | 5    | • WASHER, Flat (1/4")                                      |
| 14        | 103856           | 5    | • BOLT, Hex head (1/4"-20 x 0.75", Grade 5)                |
| 15        | 103472           | 2    | • WASHER, Flat (3/8")                                      |
| 16        | 103864           | 1    | • BOLT, Hex head (5/16"-18 x 1.00", Grade 5)               |
| 17        | 103984           | 1    | • NUT, Hex head nylon lock (5/16"-18, Grade 5)             |

## 2.3 Fly Boom



M161978AB

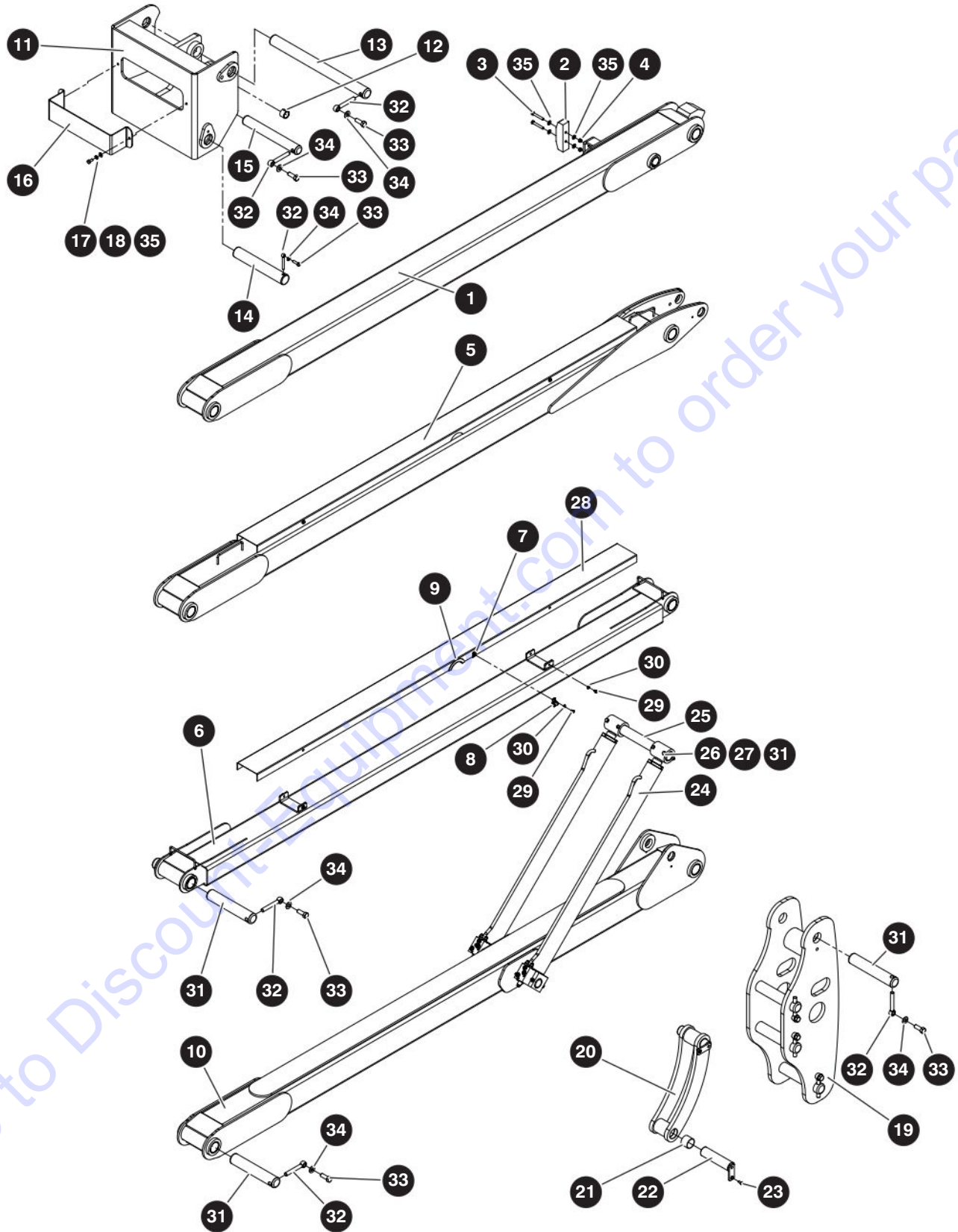
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SJ45 AJ+

## 2.3 Fly Boom

| Index No. | Skyjack Part No. | Qty. | Description                                       |
|-----------|------------------|------|---|
| -         | 218069           | 1    | FLY BOOM  |
| 1         | 161986           | 1    | • FLY BOOM WELDMENT                               |
| 2         | 148839           | 2    | • PIN WELDMENT (1 1/4" diameter x 5 11/16")       |
| 3         | 148828           | 4    | • PAD, Side                                       |
| 4         | 148826           | 1    | • PAD, Top  |
| 5         | 148827           | 1    | • PAD, Bottom                                     |
| 6         | 125262           | 2    | • BUSHING, CJS 2024 (1.25" ID x 1.50" lg)         |
| 7         | 148837           | AR   | • SHIM, 16 Gauge (side)                           |
|           | 148838           | AR   | • SHIM, 20 Gauge (side)                           |
| 8         | 148829           | AR   | • SHIM, 16 Gauge (bottom)                         |
|           | 148830           | AR   | • SHIM, 20 Gauge (bottom)                         |
| 9         | 300437           | 16   | • BOLT, Hex head (3/8"-16 x 7/8" Grade 5)         |
| 10        | 103472           | 24   | • WASHER, Flat (3/8")                             |
| 11        | 119313           | 4    | • WASHER, Flat (7/16")                            |
| 12        | 704642           | 2    | • SCREW, Flat head cap (5/16"-18 x 3/4" Grade 5)  |
| 13        | 149418           | 2    | • FITTING, Elbow 90° bulkhead (04 JICM - 04 JICM) |
| 14        | 143963           | 2    | • FITTING, Nut bulkhead (04 JIC)                  |

## 2.4 Riser



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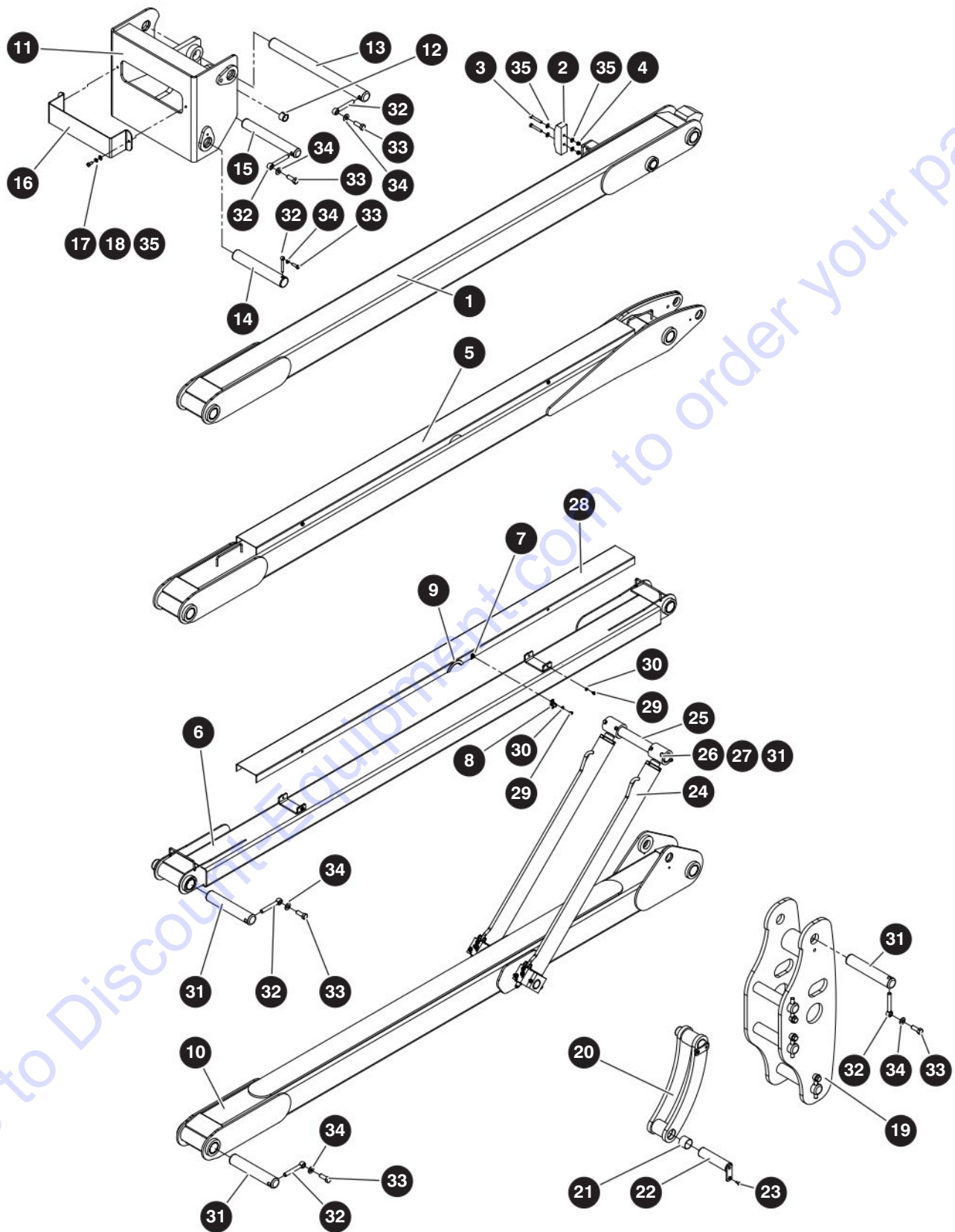
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## 2.4 Riser

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 231357           | 1    | RISER BOOM ASSEMBLY   |
| -         | 162337           | 1    | • UPPER RISER BOOM  |
| 1         | 162338           | 1    | • • WELDMENT, Upper riser boom  |
|           | 148861           | 2    | • • BUSHING (1 3/4" ID x 2")  |
|           | 148817           | 4    | • • BUSHING (2" ID x 2")  |
| 2         | 152525           | 1    | • • PAD, Bumper   |
| 3         | 103873           | 2    | • • BOLT, Hex head (3/8"-16 x 2 1/2" Grade 5)                             |
| 4         | 144238           | 2    | • • NUT, Torque lock (3/8"-16, Grade C)                                   |
| 5         | 148786           | 1    | • THIRD RISER BOOM  |
|           | 148787           | 1    | • • WELDMENT, Third riser boom  |
|           | 148817           | 4    | • • BUSHING (2" ID x 2")  |
| -         | 218062           | 1    | • SECOND RISER BOOM   |
| 6         | 148781           | 1    | • • WELDMENT, Second riser boom   |
|           | 148817           | 4    | • • BUSHING (2" ID x 2")  |
| 7         | 152516           | 2    | • • NUT RETAINER, J-Type (1/4"-20)  |
| 8         | 144129           | 2    | • • CLIP, Single  |
| 9         | 117398           | 7.4" | • • TRIM, Protective  |
| 10        | 158763           | 1    | • LOWER RISER BOOM  |
|           | 158764           | 1    | • • WELDMENT, Lower riser boom  |
|           | 148861           | 2    | • • BUSHING (1 3/4" ID x 2")  |
|           | 148817           | 4    | • • BUSHING (2" ID x 2")  |
| -         | 162339           | 1    | • UPPER PIVOT WELDMENT  |
| 11        | 169109           | 1    | • • WELDMENT, Upper pivot   |
| 12        | 148847           | 1    | • • BUSHING (1 1/4" ID x 1")  |
| 13        | 148823           | 1    | • • PIN (2" diameter x 24.188")   |
| 14        | 169110           | 1    | • • PIN (2" diameter x 12.375")   |
| 15        | 148824           | 1    | • • PIN (2" diameter x 13.75")  |
| 16        | 148906           | 1    | • • PLATE, Guard  |
| 17        | 101632           | 2    | • • BOLT, Hex head (3/8"-16 x 3/4" Grade 5)                               |
| 18        | 103999           | 2    | • • WASHER, Lock (3/8")   |
| -         | 162335           | 1    | • LOWER PIVOT   |
| 19        | 162336           | 1    | • • WELDMENT, Lower pivot   |
| -         | 148813           | 1    | • RISER LINK WELDMENT   |
| 20        | 148814           | 1    | • • WELDMENT, Riser link  |
| 21        | 101564           | 6    | • • BUSHING (1-3/4" ID x 1")  |
| 22        | 152319           | 2    | • • PIN (1.75" diameter x 7")   |
| 23        | 704642           | 2    | • • SCREW, Flat head cap (5/16"-18 x 3/4" Grade 5)                        |
| -         | 158769           | 1    | • RISER LIFT CYLINDER ASSEMBLY  |
| 24        | (Ref.)           | 2    | • • CYLINDER, Riser lift<br>(For components, refer to 3.4 Riser Cylinder) |
| 25        | 158770           | 2    | • • PIN (1.75" diameter x 15.00")   |
| 26        | 103916           | 2    | • • BOLT, Hex head (3/8"-16 x 3.25", Grade 5)                             |
| 27        | 104606           | 4    | • • NUT, Hex head nylon lock (3/8"-16, Grade 5)                           |
| 28        | 148855           | 2    | • COVER, Riser  |
| 29        | 112495           | 10   | • BOLT, Hex head (1/4"-20 x 3/8" Grade 5)                                 |
| 30        | 103995           | 10   | • WASHER, Flat hardened (1/4")  |



## 2.4 Riser



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## 2.4 Riser

| Index No. | Skyjack Part No. | Qty. | Description                                       |
|-----------|------------------|------|---|
| 31        | 148819           | 6    | • PIN (2" diameter x 11.063")                     |
| 32        | 146898           | 9    | • KEEPER PIN (5/8")                               |
| 33        | 148944           | 9    | • BOLT, Hex head patch (5/8"-11 x 1 3/4" Grade 8) |
| 34        | 700782           | 9    | • WASHER, Flat hardened (5/8")                    |
| 35        | 103472           | 6    | • WASHER, Flat (3/8")                             |

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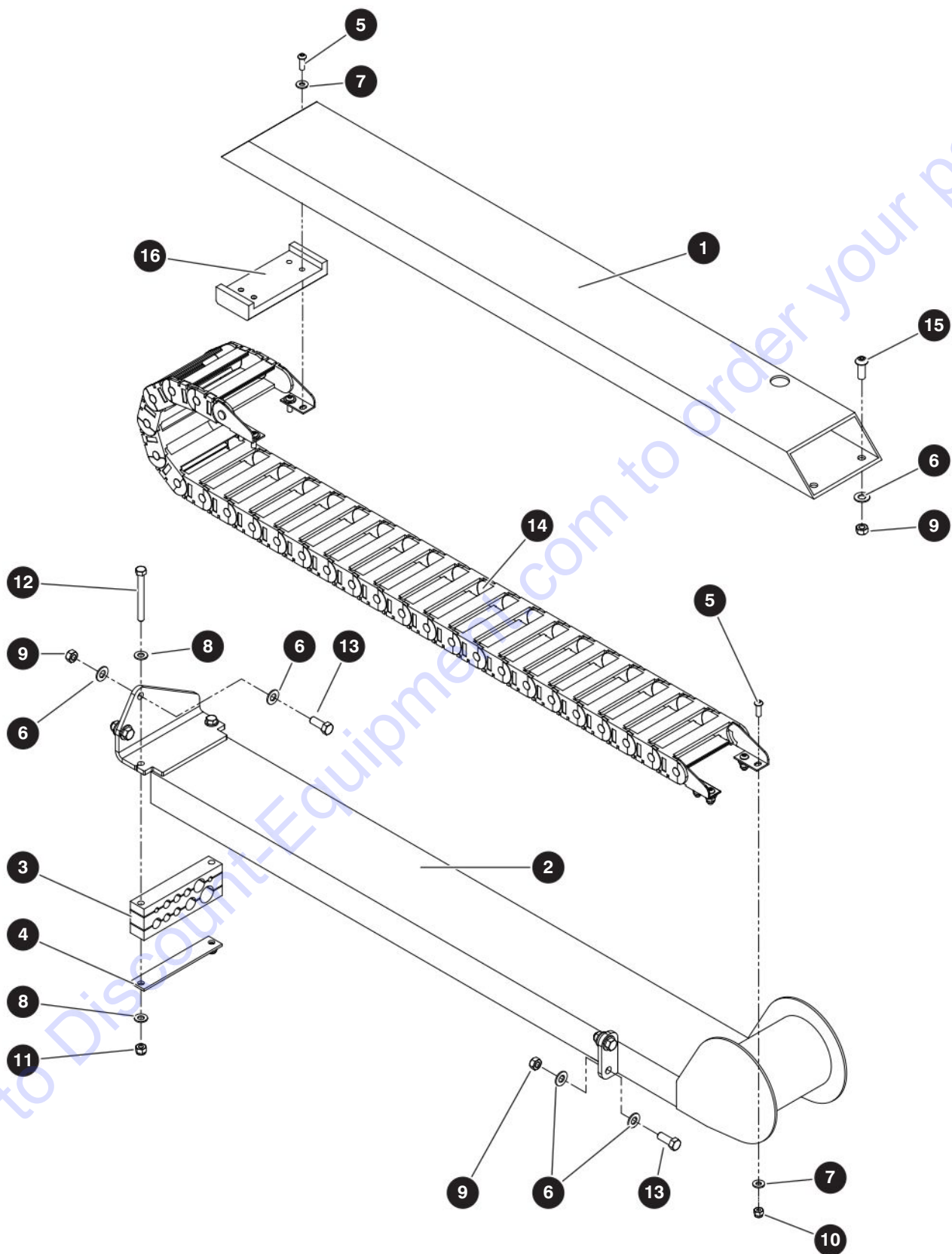
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## 2.5 Cable Track



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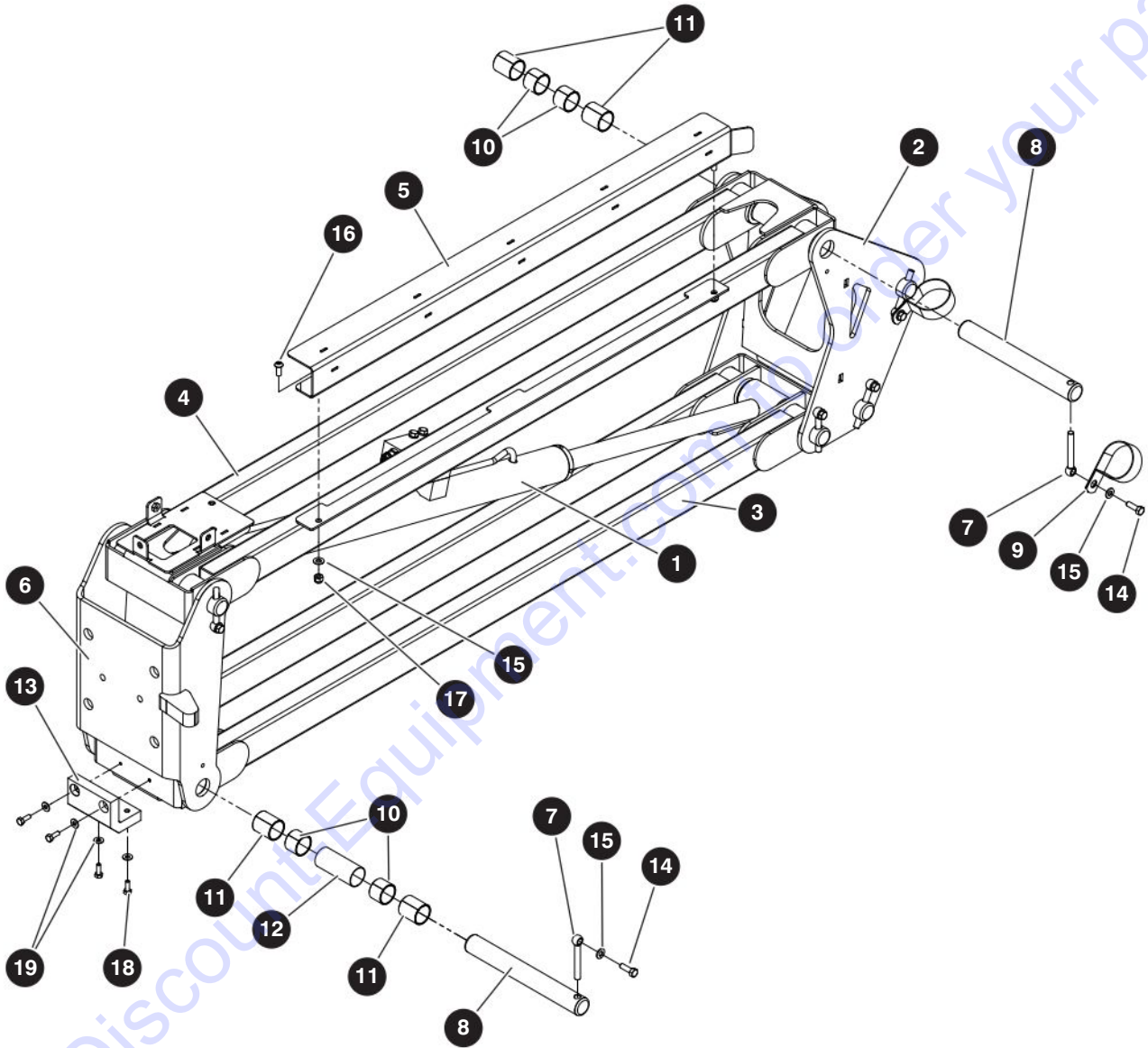
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## 2.5 Cable Track

| Index No. | Skyjack Part No. | Qty. | Description                                   |
|-----------|------------------|------|---|
| -         | 231507           | 1    | CABLE TRACK                                   |
| 1         | 161990           | 1    | • TUBE, E-chain upper                         |
| 2         | 161992           | 1    | • TUBE, E-chain lower                         |
| 3         | 231503           | 1    | • CLAMP, Hose                                 |
| 4         | 710210           | 1    | • PLATE, Hose guide                           |
| 5         | 139168           | 8    | • SCREW, Button head cap (1/4"-20 x 0.75")    |
| 6         | 103472           | 11   | • WASHER, Flat (3/8")                         |
| 7         | 103995           | 8    | • WASHER, Flat (1/4")                         |
| 8         | 103996           | 4    | • WASHER, Flat (5/16")                        |
| 9         | 144238           | 7    | • NUT, Torque lock (3/8"-16 Grade C)          |
| 10        | 115649           | 4    | • NUT, Hex head nylon lock (1/4"-20 Grade 5)  |
| 11        | 103984           | 2    | • NUT, Hex head nylon lock (5/16"-18 Grade 5) |
| 12        | 103867           | 2    | • BOLT, Hex head (5/16"-18 x 3.00" Grade 5)   |
| 13        | 103473           | 4    | • BOLT, Hex head (3/8"-16 x 1.00" Grade 5)    |
| 14        | 168334           | 1    | • E-CHAIN, 250 series, 26 links, A            |
|           | 210078           | 1    | • • MOUNTING BRACKET SET                      |
|           | 210077           | A/R  | • • LINK, E-Chain                             |
|           | 210074           | A/R  | • • SEPARATOR, E-Chain                        |
| 15        | 103949           | 3    | • SCREW, Button head cap (3/8"-16 x 1.00")    |
| 16        | 196488           | 1    | • PAD, Wear                                   |

## 2.6 Jib



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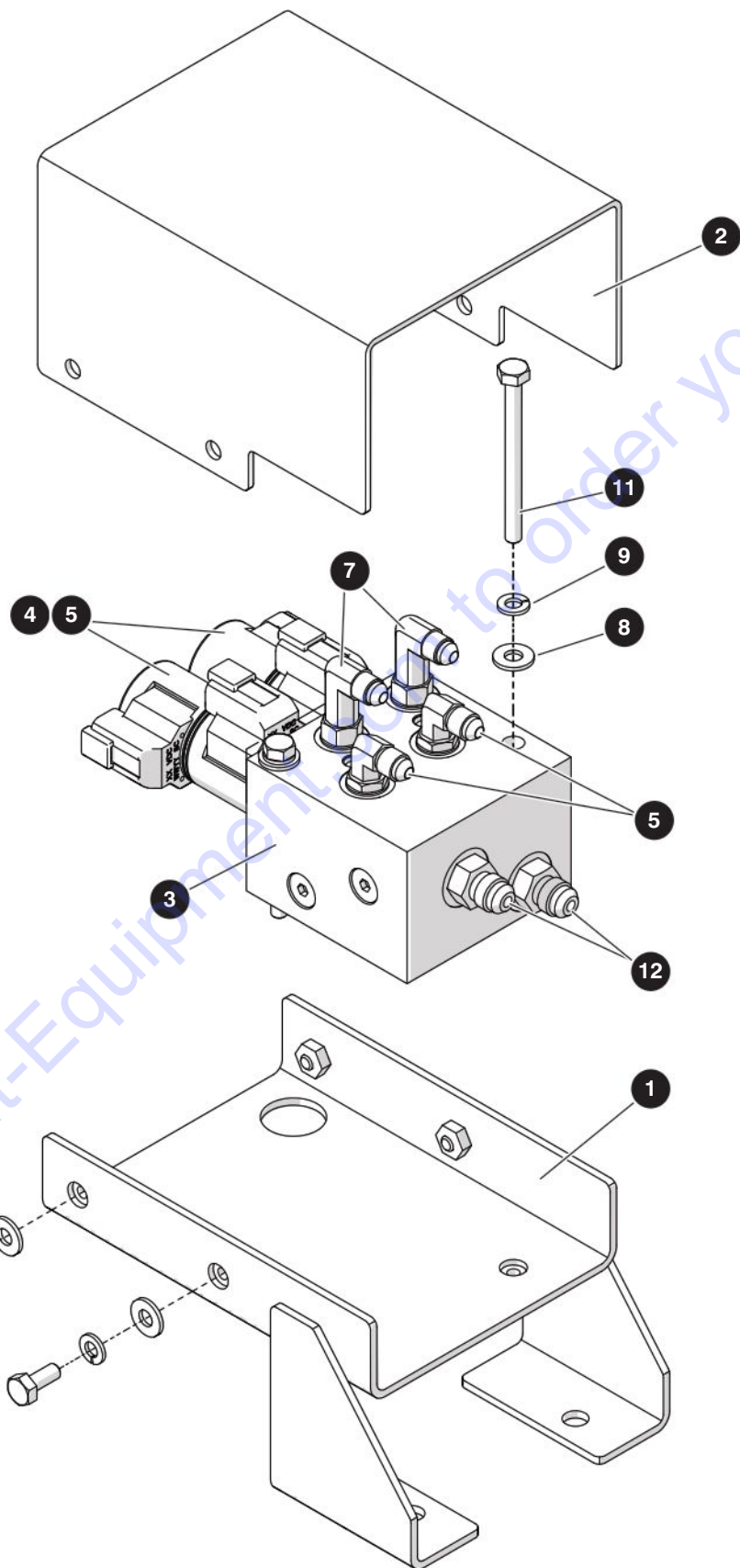
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## 2.6 Jib

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 218053           | 1    | JIB BOOM   |
| 1         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>JIB CYLINDER<br/>(For components, refer to 3.7 Jib Cylinder)</li> </ul> |
| 2         | 218054           | 1    | <ul style="list-style-type: none"> <li>BRACKET, Jib mount</li> </ul>   |
| 3         | 218059           | 1    | <ul style="list-style-type: none"> <li>WELDMENT, Lower arm</li> </ul>  |
| 4         | 218056           | 1    | <ul style="list-style-type: none"> <li>WELDMENT, Upper arm</li> </ul>  |
| 5         | 148891           | 1    | <ul style="list-style-type: none"> <li>COVER, Hose</li> </ul>  |
| 6         | 167659           | 1    | <ul style="list-style-type: none"> <li>BRACKET, Platform mount</li> </ul>                                      |
| 7         | 146897           | 6    | <ul style="list-style-type: none"> <li>KEEPER PIN (3/8")</li> </ul>  |
| 8         | 148890           | 6    | <ul style="list-style-type: none"> <li>PIN (1 1/4" diameter x 10 3/16")</li> </ul>                             |
| 9         | 143987           | 2    | <ul style="list-style-type: none"> <li>CLAMP (2 1/2")</li> </ul>   |
| 10        | 148847           | 8    | <ul style="list-style-type: none"> <li>BUSHING (1 1/4" ID x 1")</li> </ul>                                     |
| 11        | 125262           | 8    | <ul style="list-style-type: none"> <li>BUSHING (1 1/4" ID x 1 1/2")</li> </ul>                                 |
| 12        | 148920           | 2    | <ul style="list-style-type: none"> <li>SPACER</li> </ul>   |
| 13        | 148936           | 1    | <ul style="list-style-type: none"> <li>PAD, Wear</li> </ul>  |
| 14        | 148943           | 6    | <ul style="list-style-type: none"> <li>BOLT, Hex head patch (5/16"-18 x 1" Grade 8)</li> </ul>                 |
| 15        | 103996           | 8    | <ul style="list-style-type: none"> <li>WASHER, Flat (5/16")</li> </ul>   |
| 16        | 300064           | 2    | <ul style="list-style-type: none"> <li>SCREW, Button head cap (5/16"-18 x 3/4")</li> </ul>                     |
| 17        | 103984           | 2    | <ul style="list-style-type: none"> <li>NUT, Hex lock (5/16"-18 Grade 5, nylon)</li> </ul>                      |
| 18        | 103856           | 4    | <ul style="list-style-type: none"> <li>BOLT, Hex head (1/4"-20 x 3/4" Grade 5)</li> </ul>                      |
| 19        | 103995           | 4    | <ul style="list-style-type: none"> <li>WASHER, Flat (1/4")</li> </ul>  |

## 2.7 Jib Manifold



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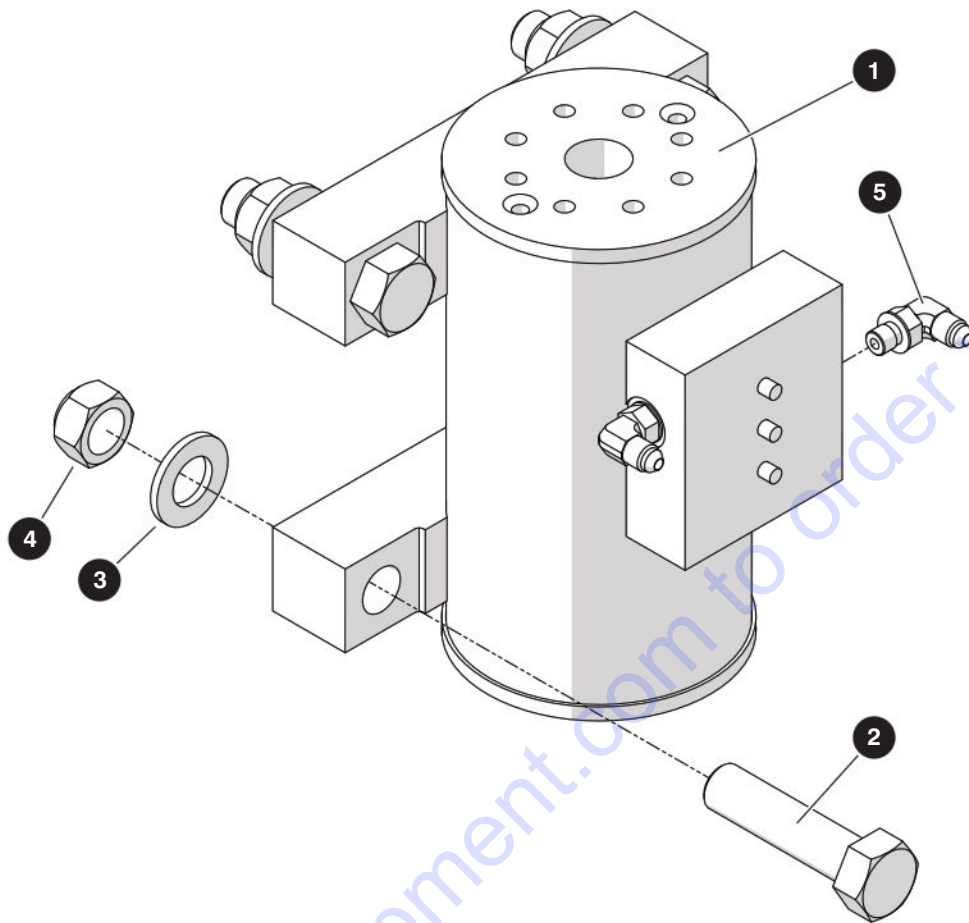
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## 2.7 Jib Manifold

| Index No. | Skyjack Part No. | Qty. | Description                                  |
|-----------|------------------|------|--|
| -         | 231510           | 1    | JIB MANIFOLD                                 |
| 1         | 231514           | 1    | • SUPPORT, Manifold                          |
| 2         | 231517           | 1    | • COVER                                      |
| 3         | 231501           | 1    | • MANIFOLD, Jib                              |
| 4         | 166036           | 2    | • • VALVE                                    |
| 5         | 208881           | 4    | • • COIL                                     |
| 6         | 125883           | 2    | • • FITTING, 90° (04JICM-04ORBM)             |
| 7         | 147552           | 2    | • • FITTING, 90° long (04JICM004ORBM)        |
| 8         | 103995           | 6    | • WASHER, Flat (1/4")                        |
| 9         | 104000           | 6    | • WASHER, Lock (1/4")                        |
| 10        | 103892           | 4    | • BOLT, Hex head (0.25"-20 x 0.625" Grade 5) |
| 11        | 113583           | 2    | • BOLT, Hex head (0.25"-20 x 3.00" Grade 5)  |
| 12        | 701956           | 2    | • FITTING, Straight (04 JICM - 06 ORBM)      |

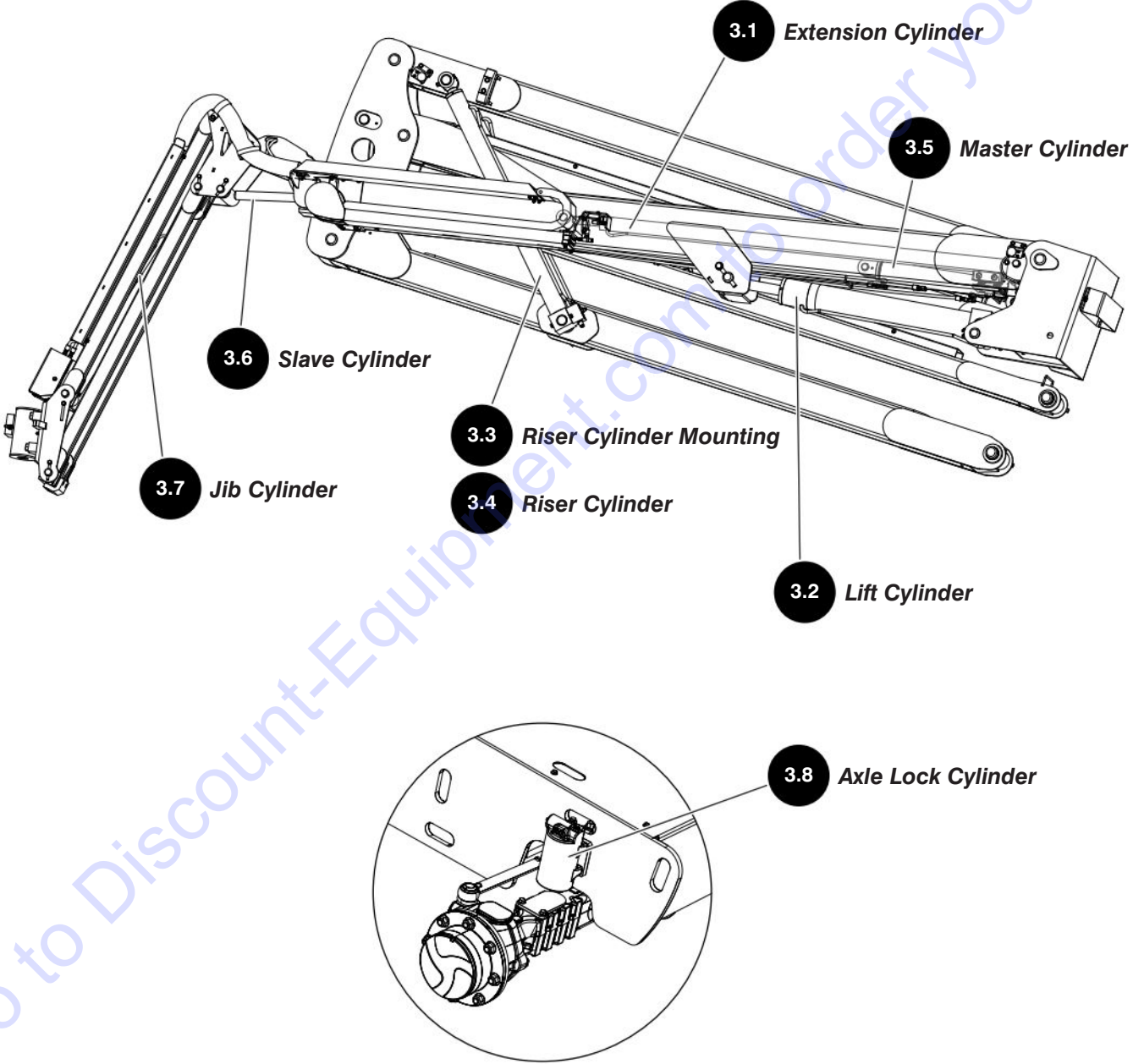
## 2.8 Rotary Actuator



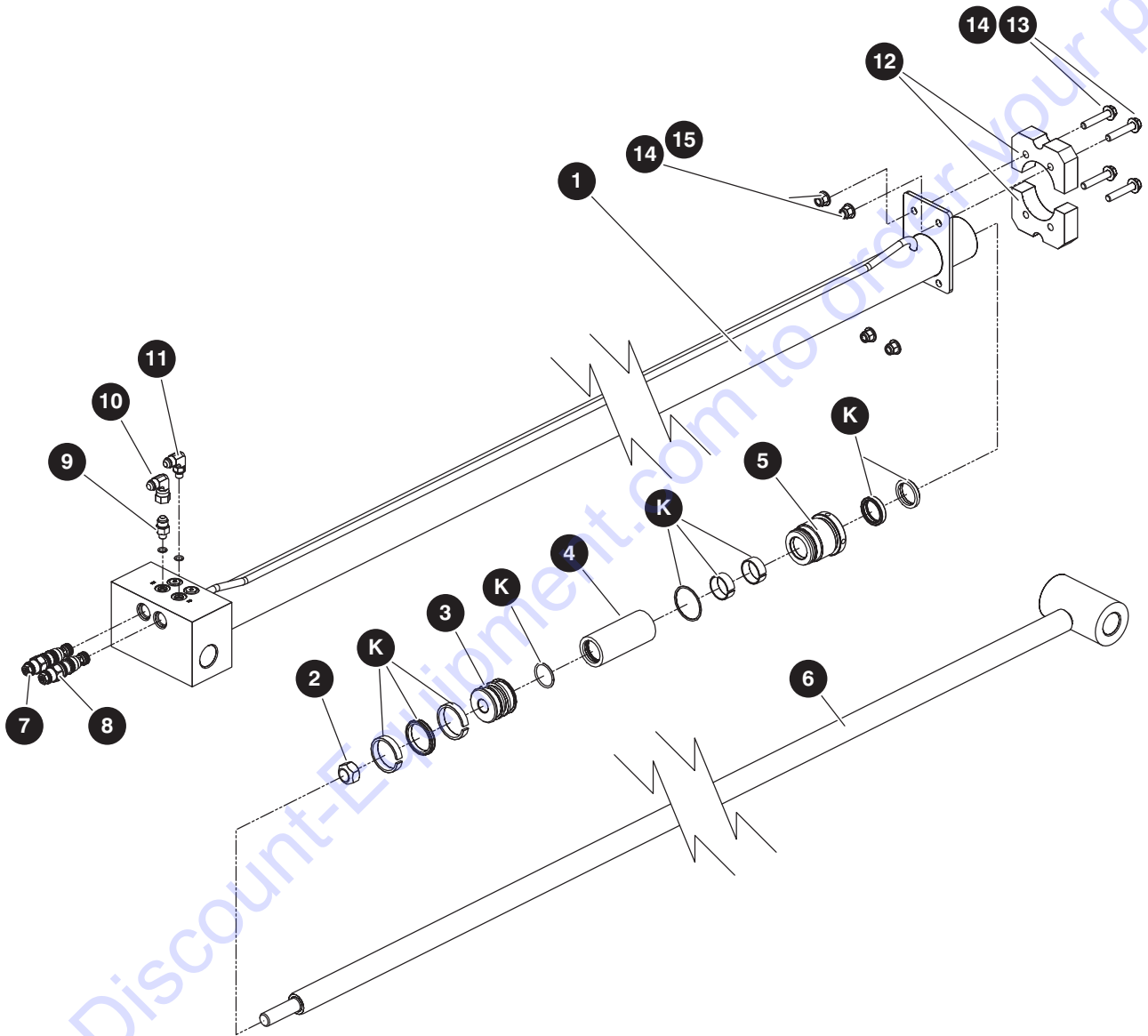
M1467687AA

| Index No. | Skyjack Part No. | Qty. | Description                             |
|-----------|------------------|------|---|
| -         | 231518           | 1    | ROTARY ACTUATOR                         |
| 1         | 144710           | 1    | • ACTUATOR, Rotary                      |
| 2         | 103894           | 4    | • BOLT, Hex head (3/4"-10 x 3" Grade 8) |
| 3         | 702194           | 4    | • WASHER, Flat (3/4")                   |
| 4         | 700575           | 4    | • NUT, Crownlock (3/4"-10 Grade 8)      |
| 5         | 125883           | 2    | • FITTING, 90° (04 JICM - 04 ORBM)      |
| <b>K</b>  | 144709           | 1    | SEAL KIT                                |

# Section 3 – Cylinders



### 3.1 Extension Cylinder



M148700AA

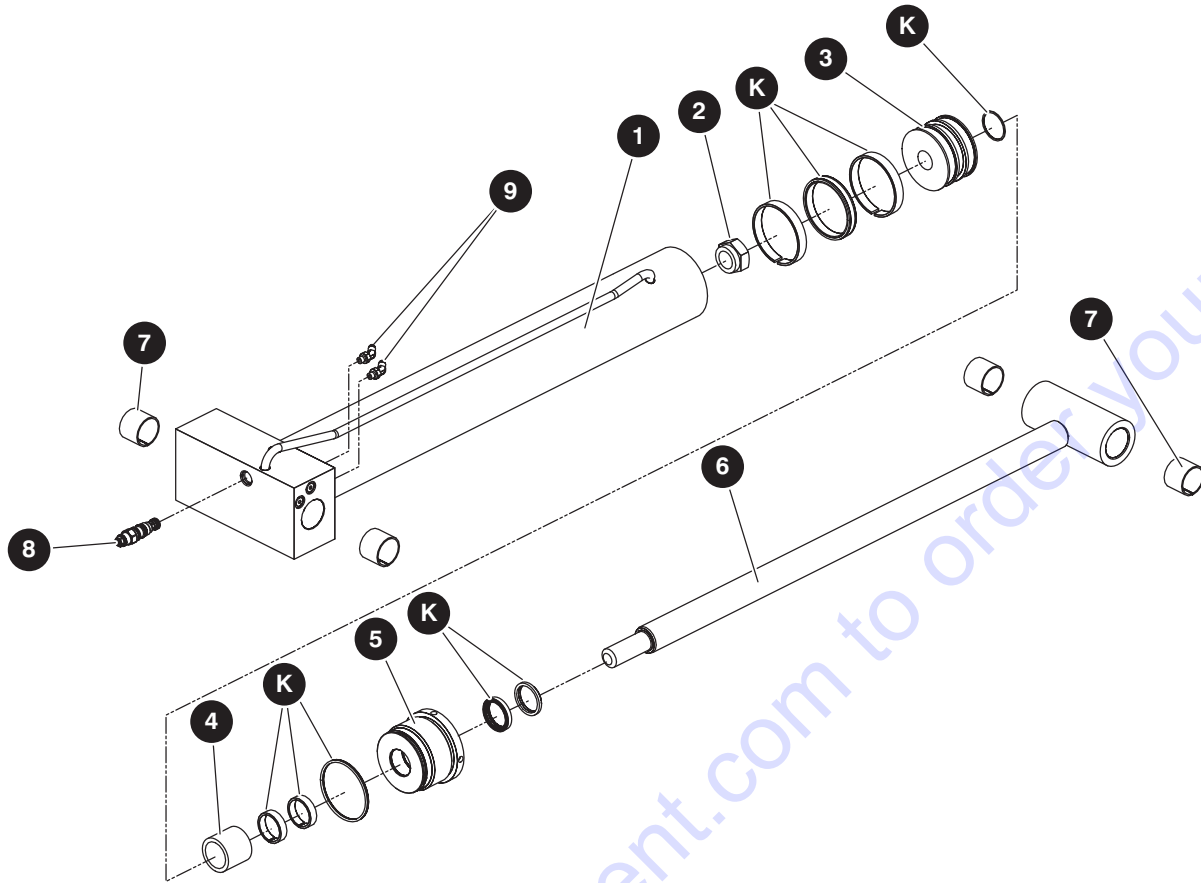
238271AAA

SJ45 AJ+

### 3.1 Extension Cylinder

| Index No. | Skyjack Part No. | Qty. | Description                                |
|-----------|------------------|------|--|
| -         | 148700           | 1    | EXTENSION CYLINDER                         |
| -         | 148712           | 1    | • EXTENSION CYLINDER                       |
| 1         | 154547           | 1    | • • WELDMENT, Tube                         |
| 2         | 154539           | 1    | • • NUT, Rod                               |
| 3         | 154543           | 1    | • • PISTON                                 |
| 4         | 154546           | 1    | • • STOP SLEEVE                            |
| 5         | 154544           | 1    | • • GLAND                                  |
| 6         | 154548           | 1    | • • WELDMENT, Rod                          |
| 7         | 141453           | 1    | • • VALVE, Counterbalance (1000 psi)       |
| 8         | 149228           | 1    | • • VALVE, Counterbalance (3000 psi)       |
| 9         | 103069           | 1    | • FITTING, Straight (06 JICM - 06 ORBM)    |
| 10        | 702761           | 1    | • FITTING, Elbow 90° (06 JICM - 06 JICFSW) |
| 11        | 114578           | 1    | • FITTING, Elbow 90° (06 JICM - 06 ORBM)   |
| 12        | 152417           | 2    | • PAD, Wear                                |
| 13        | 103596           | 4    | • BOLT, Hex head (3/8"-16 x 2" Grade 5)    |
| 14        | 103472           | 8    | • WASHER, Flat (3/8")                      |
| 15        | 104606           | 4    | • NUT, Hex lock (3/8"-16 Grade 5, nylon)   |
| <b>K</b>  | 154537           | 1    | SEAL KIT                                   |

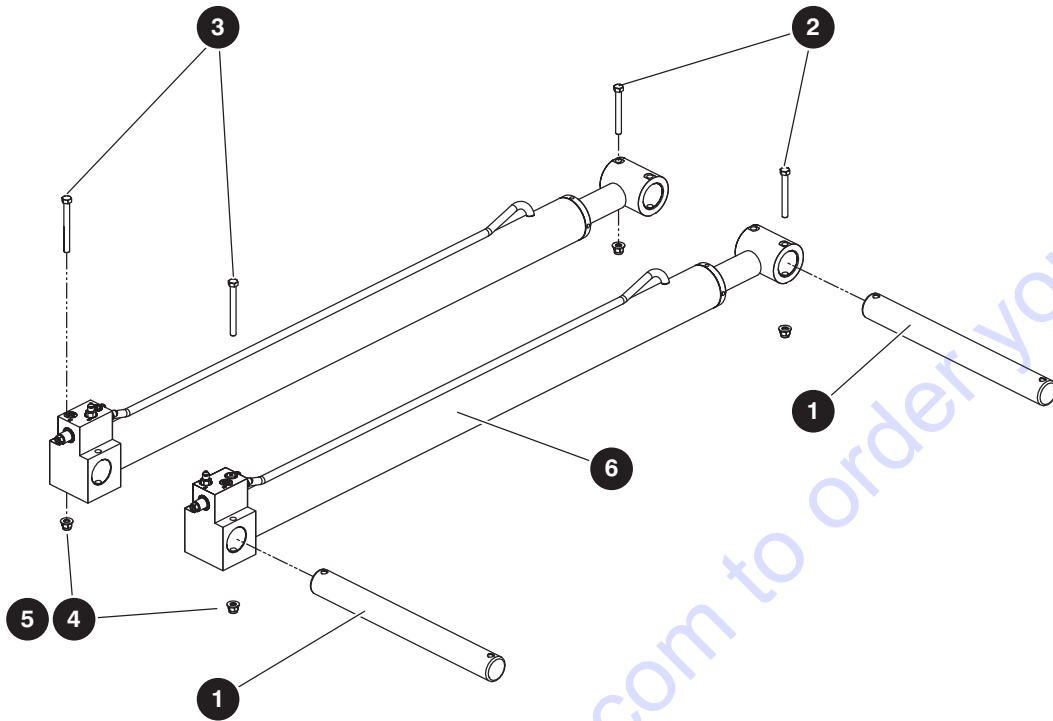
## 3.2 Lift Cylinder



M148627AA

| Index No. | Skyjack Part No. | Qty. | Description                              |
|-----------|------------------|------|--|
| -         | 220590           | 1    | LIFT CYLINDER                            |
| -         | 210452           | 1    | • CYLINDER, LIFT                         |
| 1         | 229055           | 1    | • • BARREL                               |
| 2         | 154530           | 1    | • • NUT, Rod                             |
| 3         | 230692           | 1    | • • PISTON                               |
| 5         | 154535           | 1    | • • GLAND                                |
| 6         | 230693           | 1    | • • ROD                                  |
| 7         | 154533           | 4    | • • BEARING                              |
| 8         | 152326           | 1    | • • VALVE, Counterbalance                |
| 9         | 131716           | 2    | • FITTING, Elbow 45° (04 JICM - 04 ORBM) |
| <b>K</b>  | 229058           | 1    | SEAL KIT                                 |

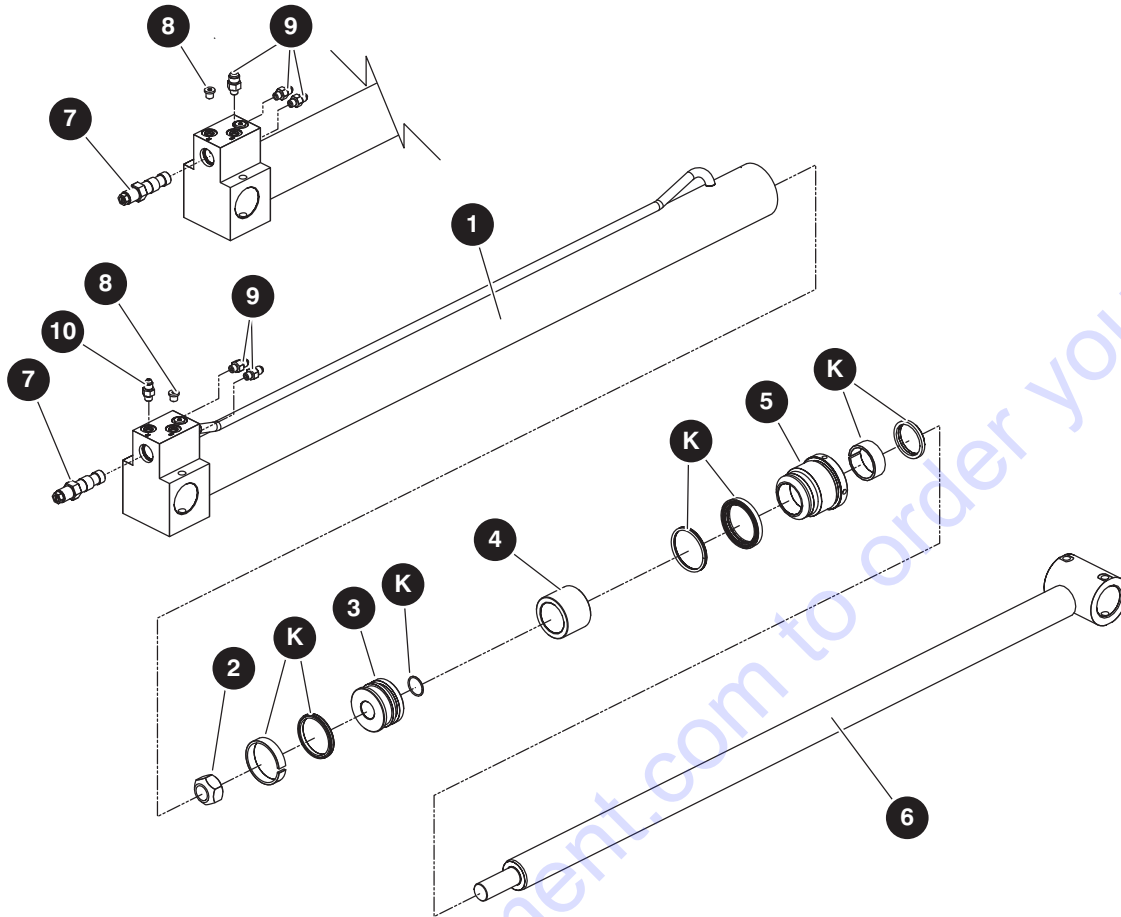
### 3.3 Riser Cylinder Mounting



M148619AA

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| 1         | 158770           | 2    | PIN (1 3/4" diameter x 15")  |
| 2         | 103916           | 2    | BOLT, Hex head (3/8"-16 x 3 1/4" Grade 5)  |
| 3         | 152350           | 2    | BOLT, Hex head (3/8"-16 x 4" Grade 5)  |
| 4         | 103472           | 4    | WASHER, Flat (3/8")  |
| 5         | 104606           | 4    | NUT, Hex lock (3/8"-16 Grade 5, nylon)   |
| 6         | (Ref.)           | 2    | RISER CYLINDER ASSEMBLY<br><a href="#">(For components, refer to 3.4 Riser Cylinder)</a> |

### 3.4 Riser Cylinder

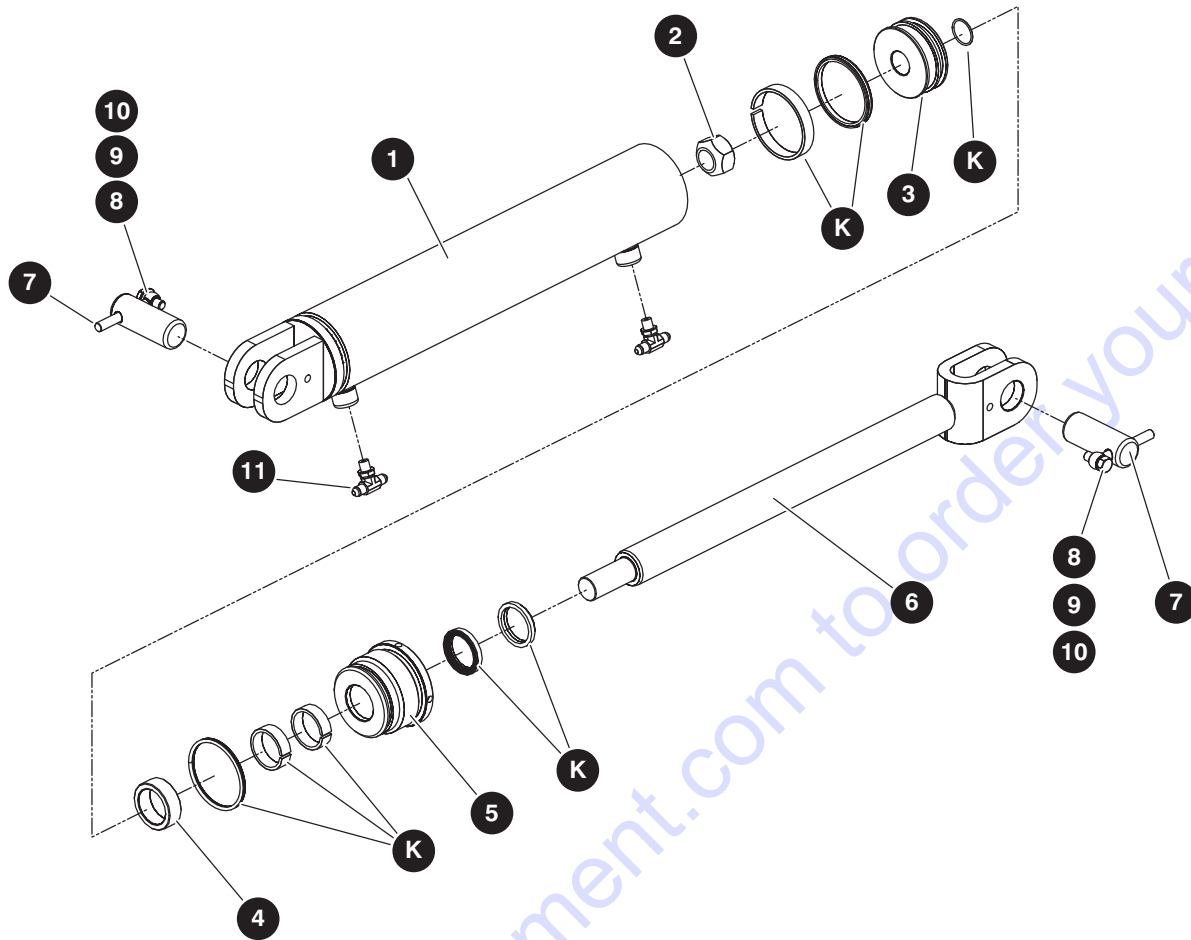


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| Index No. | Skyjack Part No. | Qty. | Description                           |
|-----------|------------------|------|---------------------------------------|
| -         | 148710           | 2    | RISER CYLINDER ASSEMBLY               |
| 1         | 154563           | 1    | • WELDMENT, Tube                      |
| 2         | 152256           | 1    | • NUT, Rod                            |
| 3         | 154566           | 1    | • PISTON                              |
| 4         | 154568           | 1    | • TUBE STOP                           |
| 5         | 154567           | 1    | • GLAND                               |
| 6         | 154564           | 1    | • WELDMENT, Rod                       |
| 7         | 149488           | 1    | • VALVE, Counterbalance               |
| 8         | 121250           | 2    | • PLUG, Hex socket (04 ORBM)          |
| 9         | 128869           | 5    | FITTING, Straight (06 JICM - 04 ORBM) |
| 10        | 126128           | 1    | FITTING, Straight (04 JICM - 04 ORBM) |
| <b>K</b>  | 154562           | 1    | SEAL KIT                              |



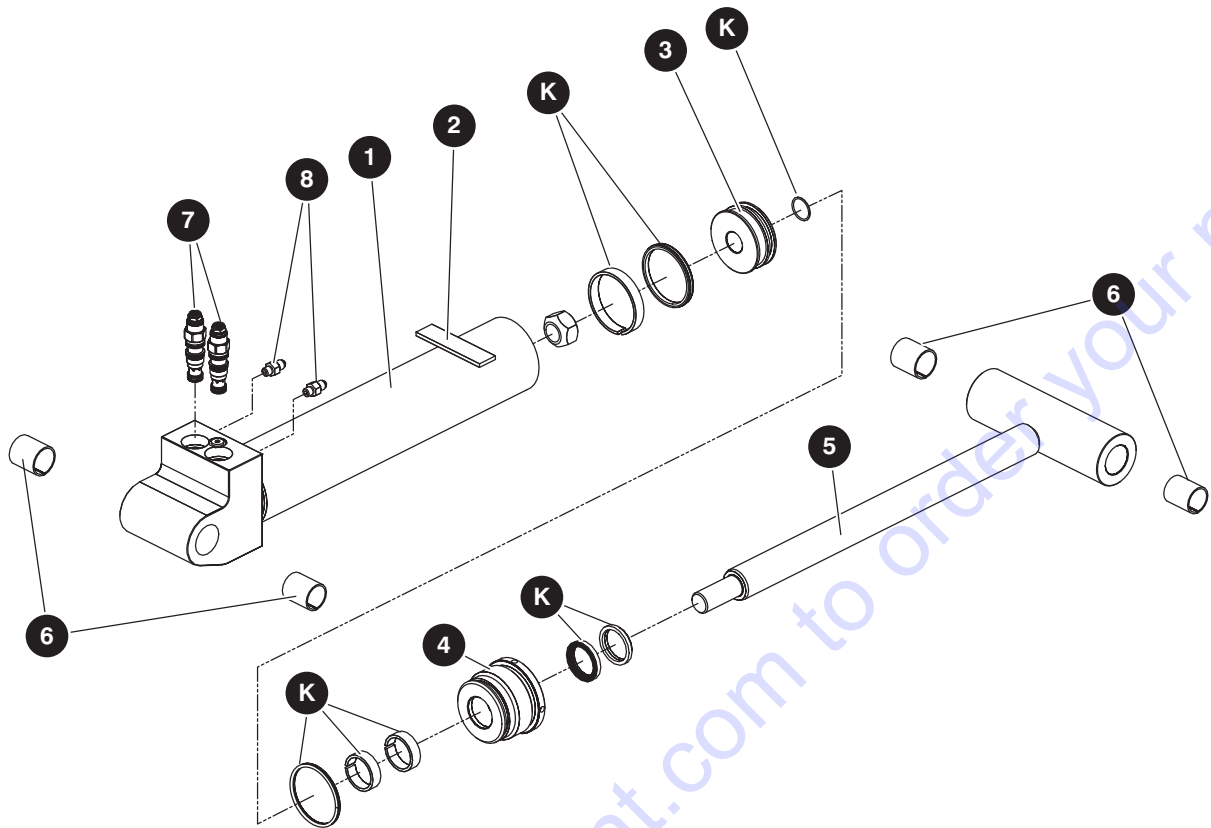
## 3.5 Master Cylinder



M148628AA

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 148628           | 1    | MASTER CYLINDER ASSEMBLY                            |
| -         | 148715           | 1    | • MASTER CYLINDER                                   |
| 1         | 154525           | 1    | • • WELDMENT, Tube                                  |
| 2         | 152256           | 1    | • • NUT, Rod  |
| 3         | 154522           | 1    | • • PISTON  |
| 4         | 154527           | 1    | • • TUBE STOP                                       |
| 5         | 154523           | 1    | • • GLAND   |
| 6         | 154526           | 1    | • • WELDMENT, Rod                                   |
| 7         | 148846           | 2    | • PIN (1 1/4" diameter x 3 1/8")                    |
| 8         | 146897           | 2    | • KEEPER PIN (3/8")                                 |
| 9         | 139193           | 2    | • BOLT, Hex head patch (3/8"-16 x 7/8" Grade 8, ZP) |
| 10        | 103472           | 2    | • WASHER, Flat (3/8")                               |
| 11        | 132463           | 2    | • FITTING, Tee (04MJ04MB04MJ)                       |
| <b>K</b>  | 154524           | 1    | SEAL KIT  |

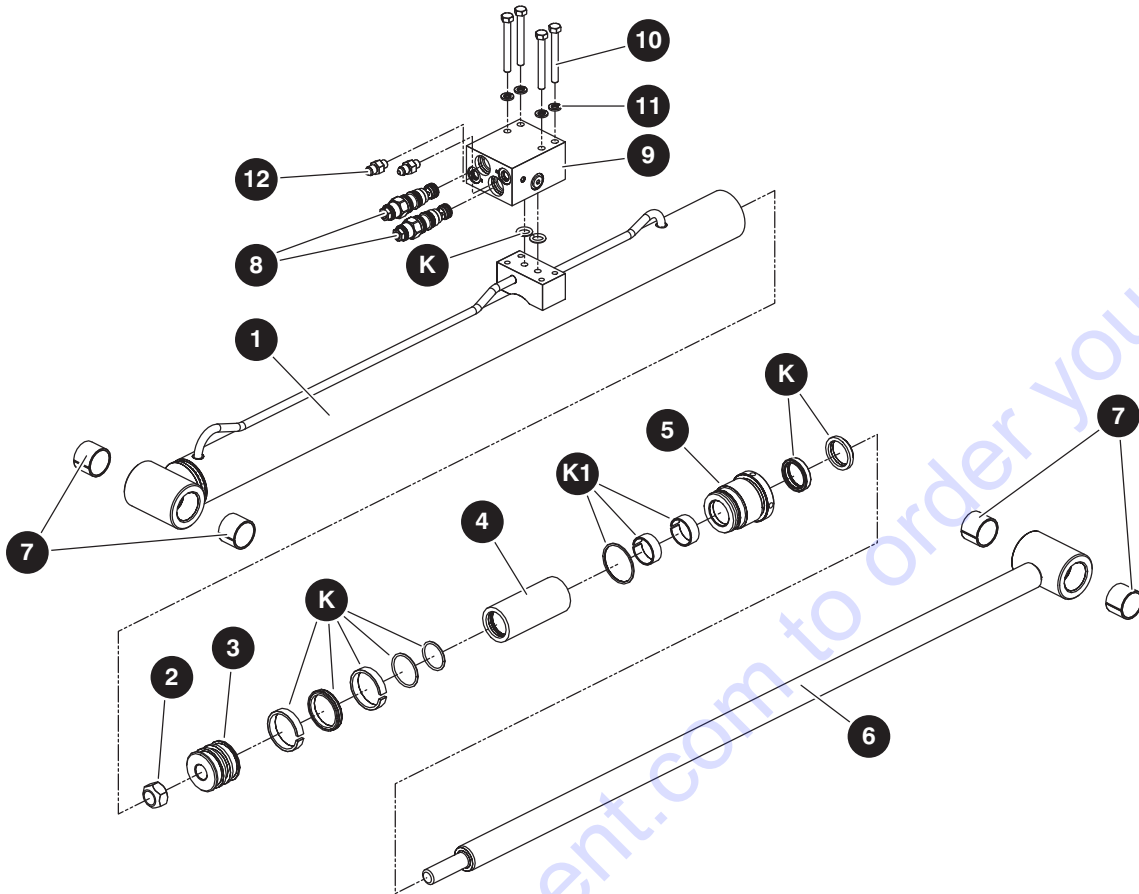
### 3.6 Slave Cylinder



M148629AA

| Index No. | Skyjack Part No. | Qty. | Description                             |
|-----------|------------------|------|---|
| -         | 148629           | 1    | SLAVE CYLINDER ASSEMBLY                 |
| -         | 148716           | 1    | • SLAVE CYLINDER                        |
| 1         | 152255           | 1    | • • WELDMENT, Tube                      |
| 2         | 152256           | 1    | • • NUT, Rod                            |
| 3         | 154522           | 1    | • • PISTON                              |
| 4         | 154523           | 1    | • • GLAND                               |
| 5         | 154519           | 1    | • • WELDMENT, Rod                       |
| 6         | 154521           | 4    | • • BEARING                             |
| 7         | 701827           | 1    | • • VALVE, Counterbalance               |
| 8         | 126128           | 2    | • FITTING, Straight (04 JICM - 04 ORBM) |
| <b>K</b>  | 152254           | 1    | SEAL KIT                                |

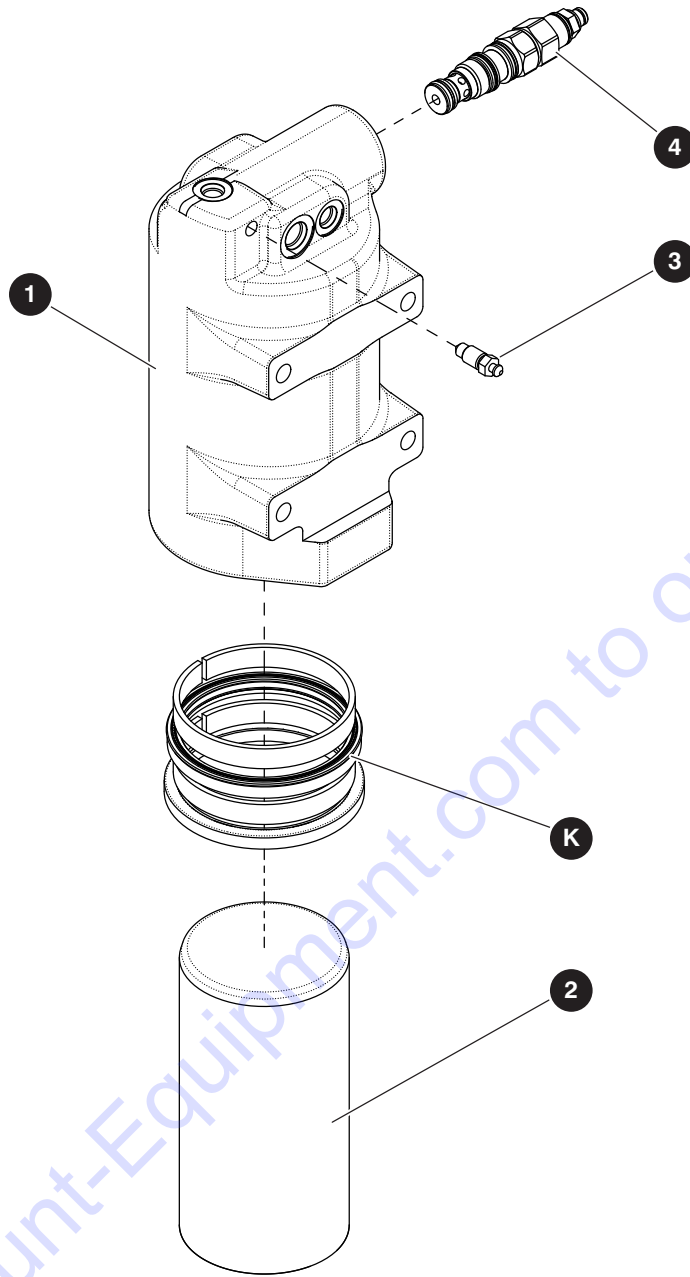
### 3.7 Jib Cylinder



M148714AB

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 218750           | 1    | JIB CYLINDER                                       |
| 1         | 236648           | 1    | • BARREL   |
| 2         | 154539           | 1    | • NUT, Rod   |
| 3         | 236650           | 1    | • PISTON   |
| 4         | 154546           | 1    | • STOP SLEEVE                                      |
| 5         | 236651           | 1    | • GLAND  |
| 6         | 236649           | 1    | • ROD  |
| 7         | 236652           | 4    | • BEARING  |
| 8         | 236654           | 1    | • VALVE, Counterbalance                            |
| 9         | 154556           | 1    | • BLOCK, Manifold                                  |
| 10        | 154554           | 4    | • BOLT, Hex head (5/16"-18 x 2 3/4" Grade 5, zinc) |
| 11        | 154555           | 4    | • WASHER, Flat zinc (5/16")                        |
| 12        | 126128           | 2    | • FITTING, Straight (04 JICM - 04 ORBM)            |
| <b>K</b>  | 236653           | 1    | SEAL KIT   |

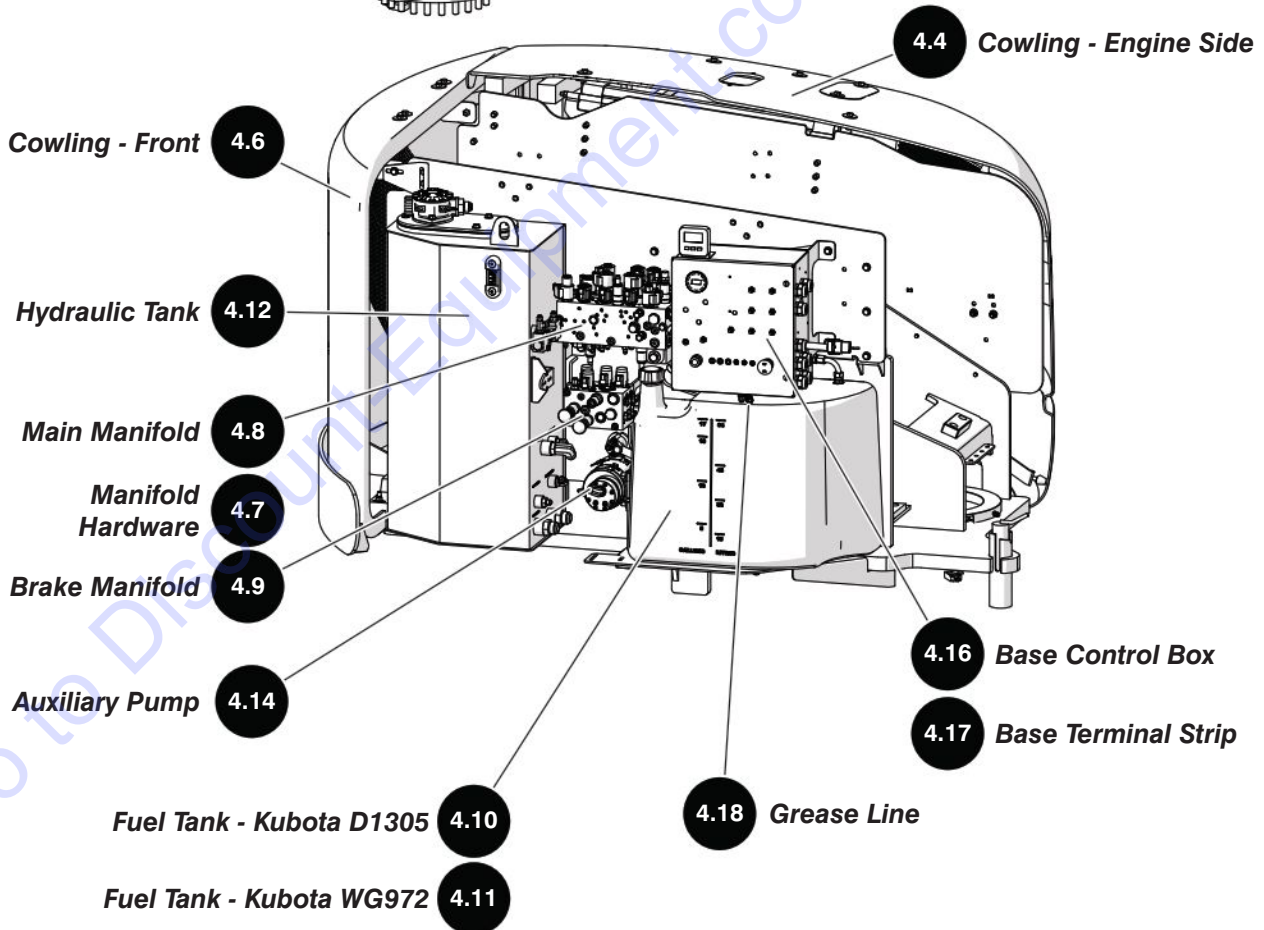
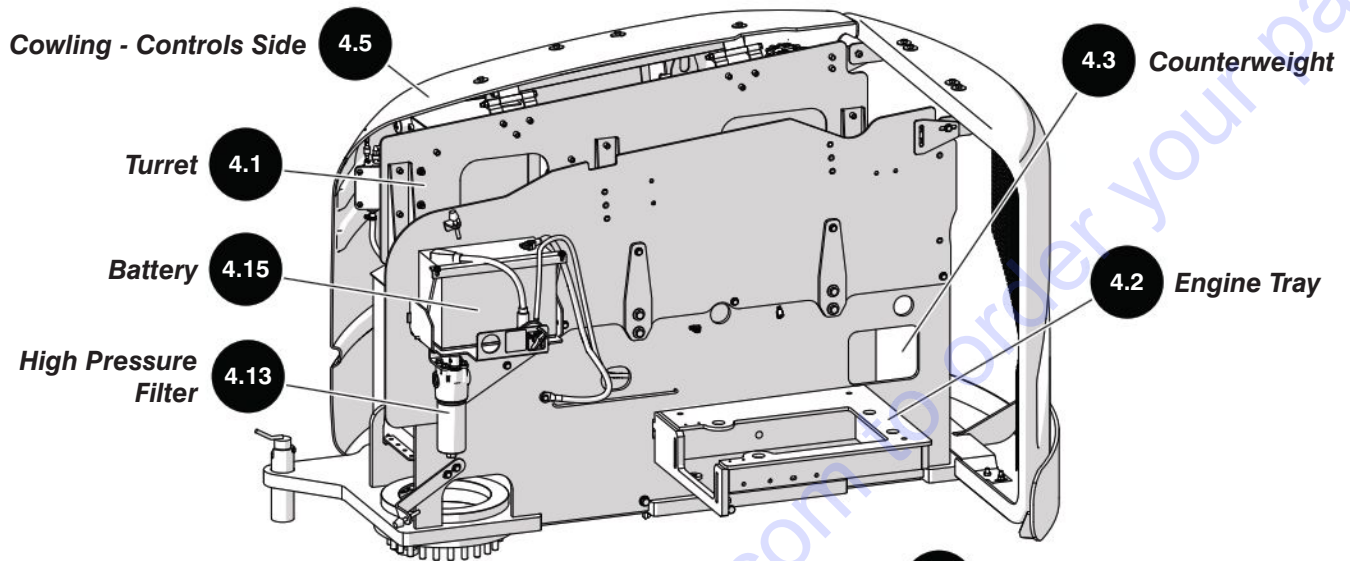
### 3.8 Axle Lock Cylinder



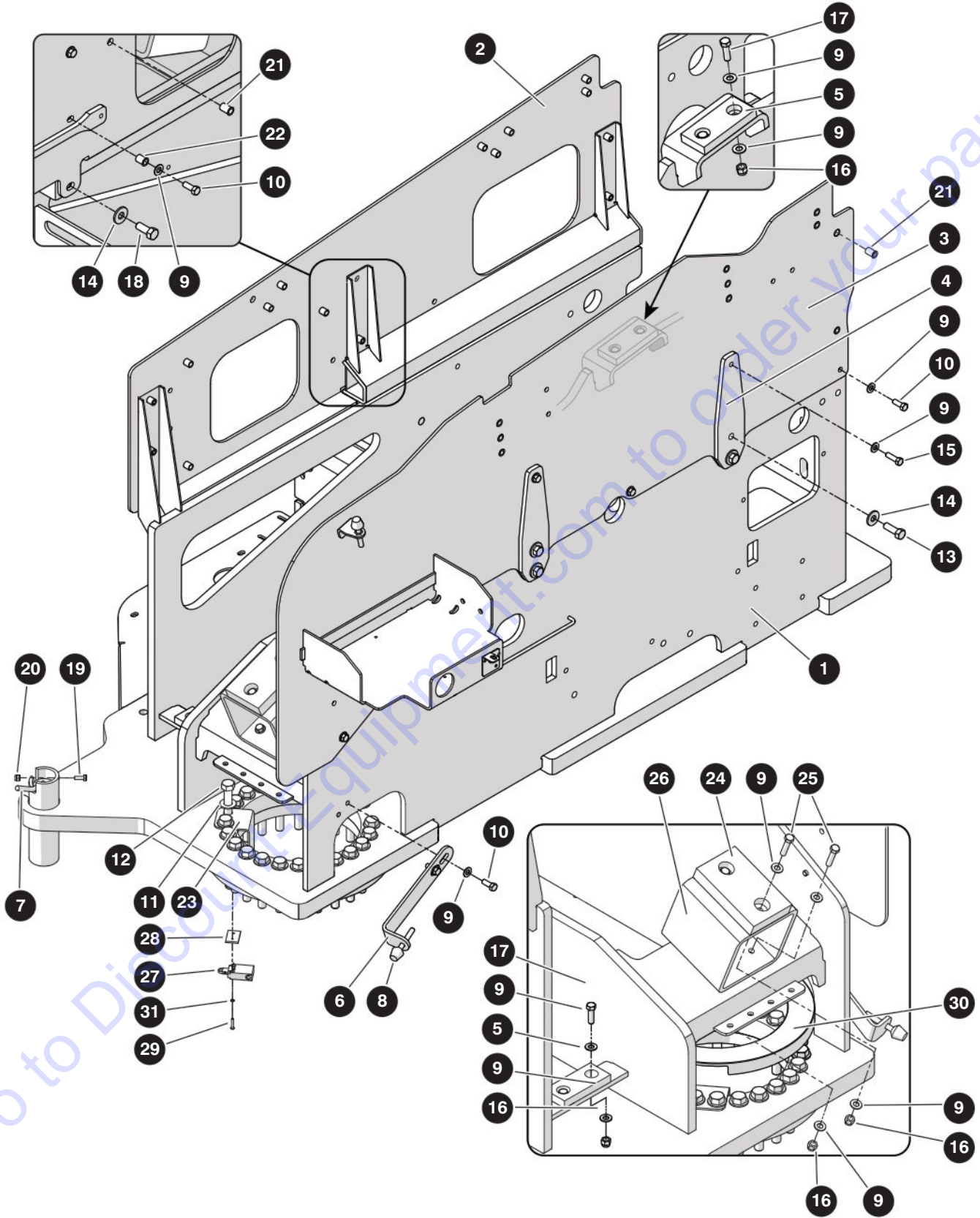
M198433AB

| Index No. | Skyjack Part No. | Qty. | Description                        |
|-----------|------------------|------|------------------------------------|
| -         | 212871           | 1    | AXLE LOCK CYLINDER                 |
| 1         | 154558           | 1    | • BARREL                           |
| 2         | 154559           | 1    | • ROD                              |
| 3         | 154561           | 1    | • SCREW, Bleed                     |
| 4         | 212872           | 1    | • VALVE, Counterbalance - 4800 psi |
| K         | 154557           | 1    | SEAL KIT, Axle lock cylinder       |

# Section 4 – Turret



# 4.1 Turret



M237995AC

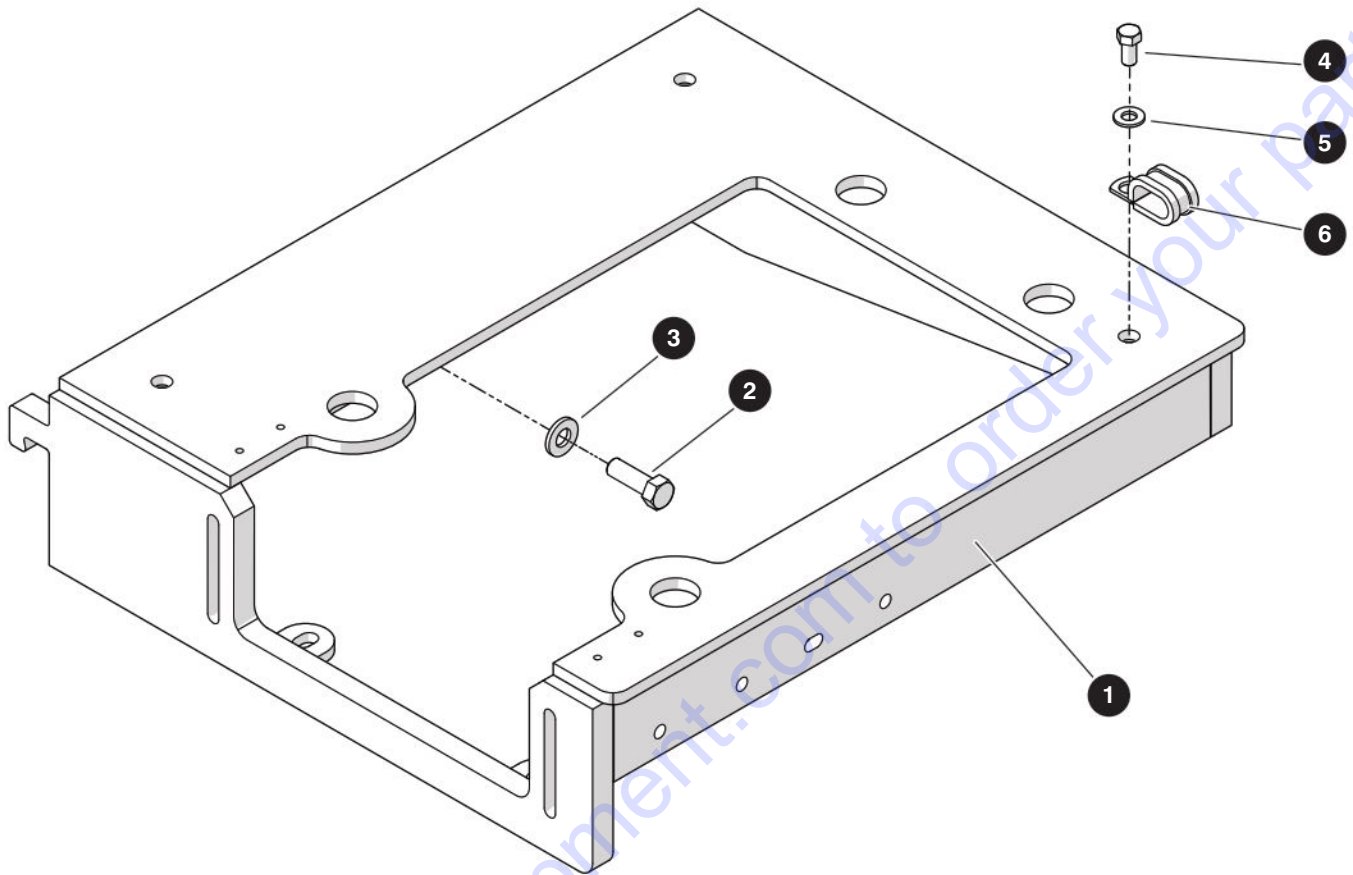
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SJ45 AJ+

## 4.1 Turret

| Index No. | Skyjack Part No. | Qty. | Description                                  |
|-----------|------------------|------|--|
| -         | 237995           | 1    | TURRET ASSEMBLY                              |
| 1         | 237996           | 1    | • WELDMENT, Turret                           |
| 2         | 238361           | 1    | • PLATE, Turret - upper left                 |
| 3         | 238363           | 1    | • PLATE, Turret - upper right                |
| 4         | 162292           | 2    | • PLATE, Stiffener - turret                  |
| 5         | 162293           | 2    | • PAD, Guide (5.00" x 2.00" x 0.625")        |
| 6         | 162294           | 1    | • BRACKET, Bumper - lower cowling            |
| 7         | 238049           | 1    | • PIN, Transportation locking                |
| 8         | 116494           | 2    | • BUMPER, Engine guard                       |
| 9         | 103472           | 33   | • WASHER, Lock (3/8")                        |
| 10        | 103473           | 15   | • BOLT, Hex head (3/8"-16 x 1" Grade 5)      |
| 11        | 700782           | 23   | • WASHER, Flat hardened (5/8")               |
| 12        | 701762           | 23   | • BOLT, Hex head (5/8"-11 x 4.5" Grade 8)    |
| 13        | 103907           | 4    | • BOLT, Hex head (1/2"-13 x 1.5" Grade 5)    |
| 14        | 103468           | 5    | • WASHER, Flat (1/2")                        |
| 15        | 117430           | 2    | • BOLT, Hex head (3/8"-16 x 1.25" Grade 8)   |
| 16        | 104606           | 8    | • NUT, Hex head nylon lock (3/8"-16 Grade 5) |
| 17        | 101297           | 4    | • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5)  |
| 18        | 103910           | 1    | • BOLT, Hex head (1/2"-13 x 1.25" Grade 8)   |
| 19        | 103856           | 1    | • BOLT, Hex head (1/4"-20 x 0.75" Grade 5)   |
| 20        | 115649           | 1    | • NUT, Hex head nylon lock (1/4"-20 Grade 5) |
| 21        | 167459           | 25   | • INSERT, 3/8"-16 AK series (0.150"-0.312")  |
| 22        | 167460           | 7    | • INSERT, 3/8"-16 AK series (0.027"-0.150")  |
| 23        | 216472           | 1    | • BRACKET, Limit switch                      |
| 24        | 162293           | 1    | • PAD, Guide (5.00" x 2.00" x 0.625")        |
| 25        | 101297           | 4    | • BOLT, Hex head (0.375"-16 x 1.25" Grade 5) |
| 26        | 238050           | 1    | • TUBE, Boom rest                            |
| -         | 210399           | 1    | DIRECTION SENSING LIMIT SWITCH ASSEMBLY      |
| 27        | 199486           | 1    | • SWITCH, Limit - roller plunger (5 m)       |
| 28        | 211213           | 1    | • PLATE, Limit switch - threaded             |
| 29        | 126499           | 2    | • SCREW, Round head machine (8-32 x 0.875")  |
| 30        | 208815           | 1    | • RING, Protector - plastic                  |
| 31        | 122249           | 2    | • WASHER, Lock (#8)                          |

## 4.2 Engine Tray

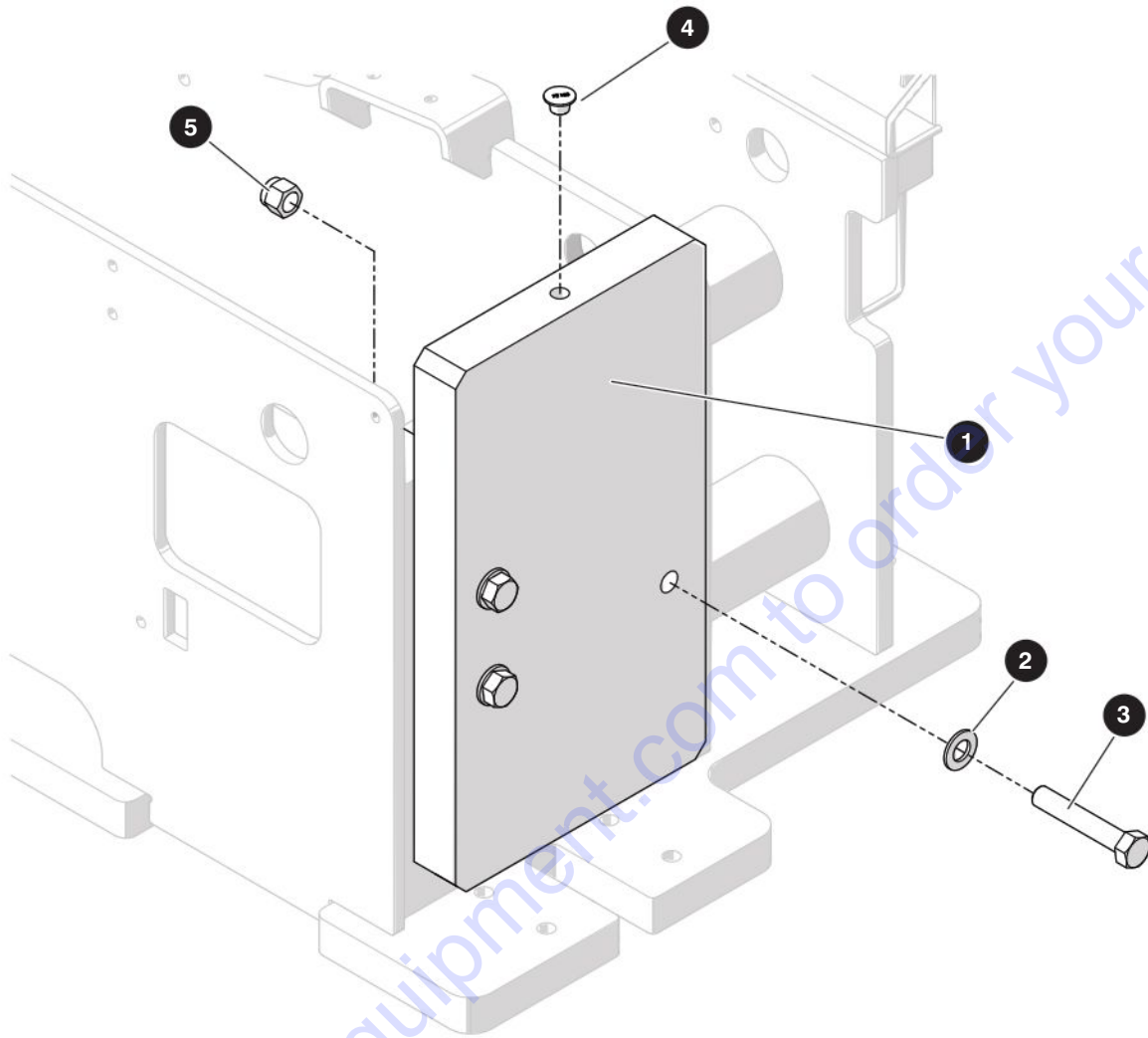


M238732AB

| Index No. | Skyjack Part No. | Qty. | Description                                       |
|-----------|------------------|------|---|
| -         | 238732           | 1    | ENGINE TRAY ASSEMBLY                              |
| 1         | 235796           | 1    | • ENGINE TRAY WELDMENT                            |
| 2         | 103907           | 3    | • BOLT, Hex head (1/2"-13 x 1-1/2", gr 5)         |
| 3         | 104379           | 3    | • WASHER, Flat hardened (1/2")                    |
| 4         | 101632           | 1    | • BOLT, Hex head (3/8"-16 x 3/4", gr 5)           |
| 5         | 125959           | 1    | • WASHER, Flat hardened (3/8")                    |
| 6         | 152333           | 1    | • CLAMP, Tube - cushioned (5/8" with 17/32" hole) |



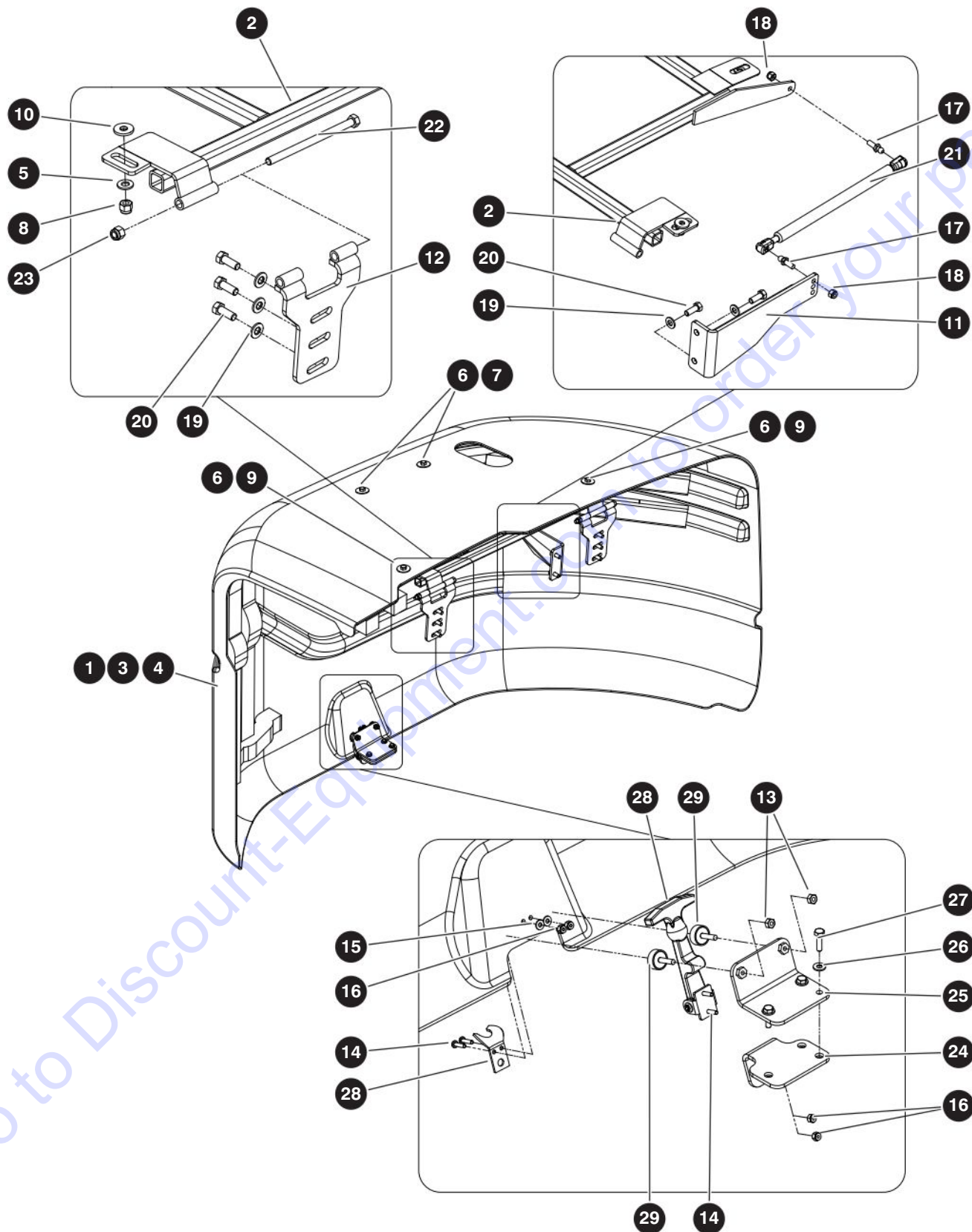
## 4.3 Counterweight



M239536AA

| Index No. | Skyjack Part No. | Qty. | Description                               |
|-----------|------------------|------|---|
| -         | 239536           | 1    | COUNTERWEIGHT                             |
| 1         | 239537           | 1    | • COUNTERWEIGHT                           |
| 2         | 702194           | 6    | • WASHER, Flat hardened (3/4")            |
| 3         | 191836           | 3    | • BOLT, Hex head (3/4"-10 x 4-1/4", gr 8) |
| 4         | 144105           | 1    | • PLUG (3/4" threaded hole)               |
| 5         | 138266           | 3    | • NUT, Lock (3/4"-10, gr 8)               |

## 4.4 Cowling - Engine Side



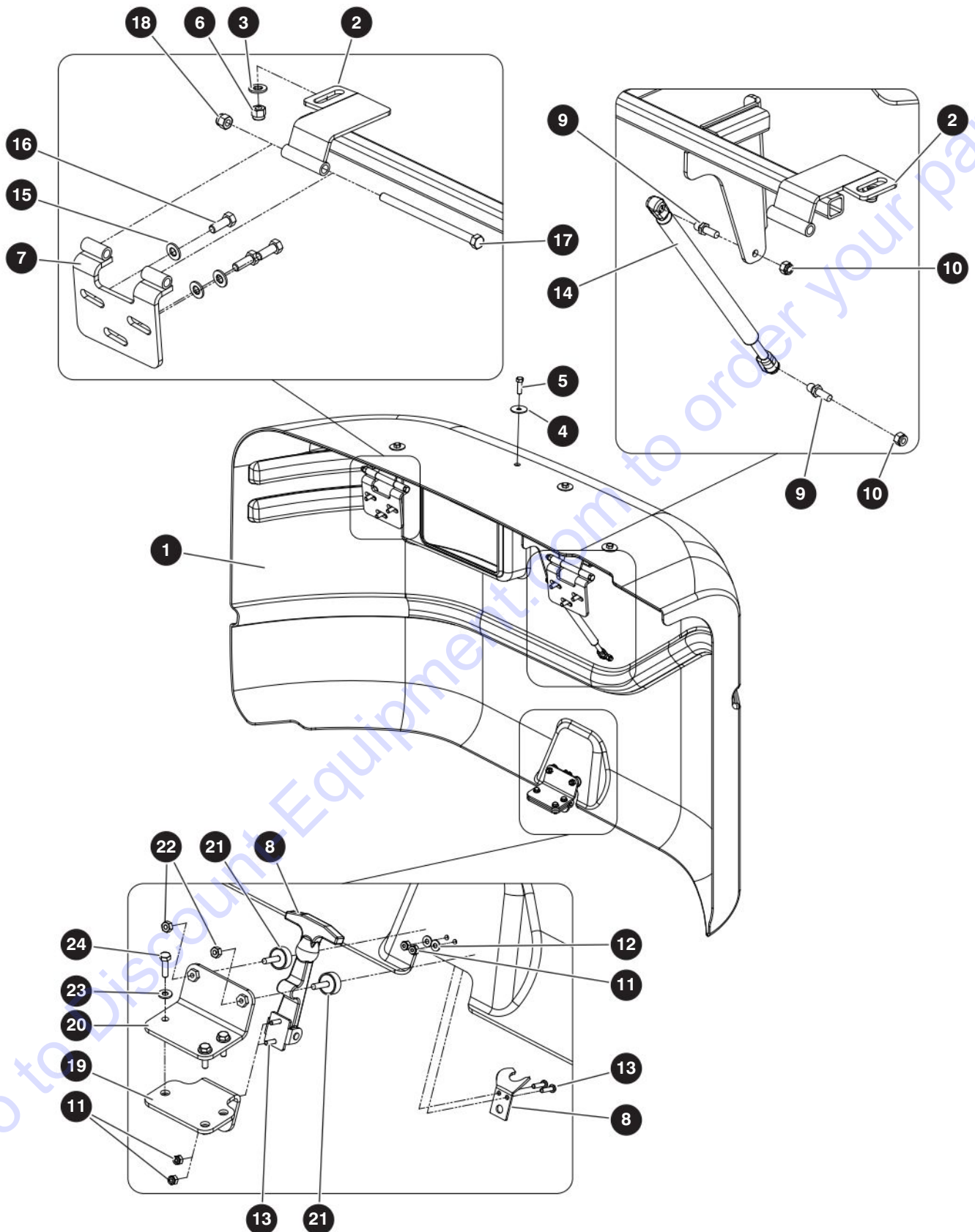
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## 4.4 Cowling - Engine Side

| Index No. | Skyjack Part No. | Qty. | Description                                   |
|-----------|------------------|------|---|
| -         | 218579           | 1    | ENGINE SIDE COWLING                           |
| -         | 149259           | 1    | • COWLING, Assembly (Engine Side)             |
| 1         | 149261           | 1    | • • COWLING, Shell (Engine Side)              |
| 2         | 160214           | 1    | • • WELDMENT, Cowling frame (Engine Side)     |
| 3         | 152426           | 2    | • • PLATE, Perforated                         |
| 4         | 148368           | 1    | • • FOAM, 2" x 2" (#1441FR)                   |
| 5         | 125959           | 4    | • • WASHER, Flat hardened (3/8")              |
| 6         | 127067           | 4    | • • WASHER, Flat (3/8" Style BB)              |
| 7         | 101297           | 2    | • • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5) |
| 8         | 104606           | 4    | • • NUT, Hex lock (3/8"-16 Grade 5, nylon)    |
| 9         | 103870           | 2    | • • BOLT, Hex head (3/8"-16 x 1 1/2" Grade 5) |
| 10        | 152416           | 2    | • • WASHER, Rubber (1x 3/7 x 1/8 TK)          |
| 11        | 149360           | 1    | • WELDMENT, Gas spring mount                  |
| 12        | 152427           | 2    | • WELDMENT, Hinge lower RHS                   |
| 13        | 103980           | 2    | • NUT, Hex head (1/4"-20 Grade 8)             |
| 14        | 138834           | 4    | • SCREW, Round machine (#10-24 x 3/4")        |
| 15        | 104694           | 2    | • WASHER, Flat (#10)                          |
| 16        | 126642           | 4    | • NUT, Hex lock (#10-24 Grade 5, nylon)       |
| 17        | 146903           | 2    | • STUD, Ball (10mm)                           |
| 18        | 103984           | 2    | • NUT, Hex lock (5/16"-18 Grade 5, nylon)     |
| 19        | 125959           | 10   | • WASHER, Flat hardened (3/8")                |
| 20        | 103473           | 10   | • BOLT, Hex head (3/8"-16 x 1" Grade 5)       |
| 21        | 152431           | 1    | • GAS SPRING, Cowling                         |
| 22        | 138736           | 2    | • BOLT, Hex head (3/8"-16 x 6" Grade 5)       |
| 23        | 104606           | 2    | • NUT, Hex lock (3/8"-16 Grade 5, nylon)      |
| 24        | 149333           | 1    | • WELDMENT, Latch mount                       |
| 25        | 149334           | 1    | • WELDMENT, Cowling bumper                    |
| 26        | 103995           | 3    | • WASHER, Flat (1/4")                         |
| 27        | 103857           | 3    | • BOLT, Hex head (1/4"-20 x 1" Grade 5)       |
| 28        | 144002           | 1    | • LATCH, Flexible draw                        |
| 29        | 144015           | 2    | • MOUNT, Anti-vibration                       |

## 4.5 Cowling - Controls Side



M148614AE

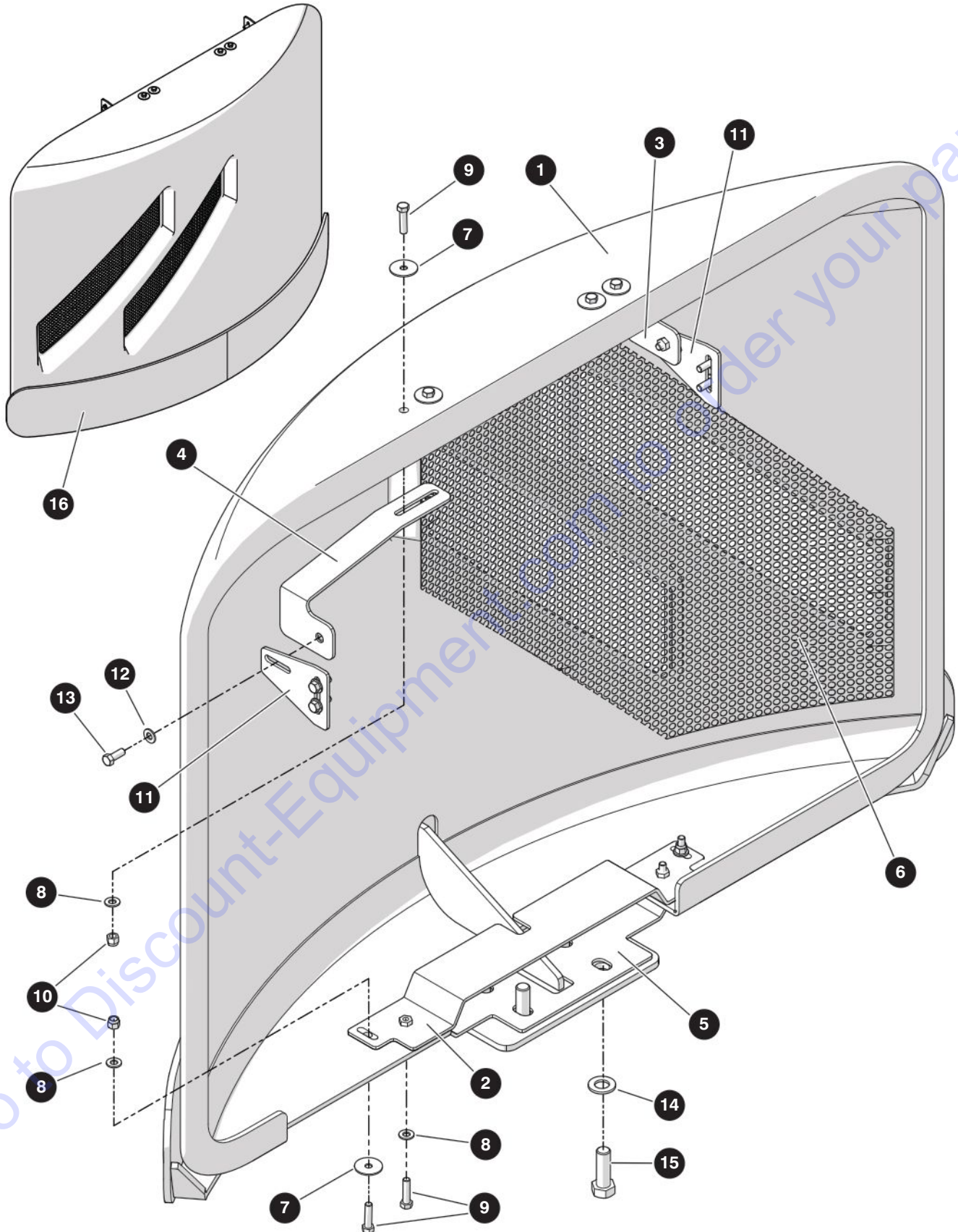
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SJ45 AJ+

## 4.5 Cowling - Controls Side

| Index No. | Skyjack Part No. | Qty. | Description                                   |
|-----------|------------------|------|---|
| -         | 218576           | 1    | CONTROLS SIDE COWLING                         |
| -         | 149260           | 1    | • COWLING, Assembly (Controls Side)           |
| 1         | 149262           | 1    | • • COWLING, Shell (Controls Side)            |
| 2         | 160204           | 1    | • • WELDMENT, Cowling frame (Controls Side)   |
| 3         | 125959           | 4    | • • WASHER, Flat hardened (3/8")              |
| 4         | 127067           | 4    | • • WASHER, Flat (3/8" Style BB)              |
| 5         | 101297           | 4    | • • BOLT, Hex head (3/8"-16 x 1 1/4" Grade 5) |
| 6         | 104606           | 4    | • • NUT, Hex lock (3/8"-16 Grade 5, nylon)    |
| 7         | 149483           | 2    | • WELDMENT, Hinge lower LHS                   |
| 8         | 144002           | 1    | • LATCH, Flexible draw                        |
| 9         | 146903           | 2    | • STUD, Ball (10mm)                           |
| 10        | 103984           | 2    | • NUT, Hex lock (5/16"-18 Grade 5, nylon)     |
| 11        | 126642           | 4    | • NUT, Hex lock (#10-24 Grade 5, nylon)       |
| 12        | 104694           | 2    | • WASHER, Flat (#10)                          |
| 13        | 138834           | 4    | • SCREW, Round machine (#10-24 x 3/4")        |
| 14        | 152431           | 1    | • GAS SPRING, Cowling                         |
| 15        | 125959           | 6    | • WASHER, Flat hardened (3/8")                |
| 16        | 103473           | 6    | • BOLT, Hex head (3/8"-16 x 1" Grade 5)       |
| 17        | 138736           | 2    | • BOLT, Hex head (3/8"-16 x 6" Grade 5)       |
| 18        | 104606           | 2    | • NUT, Hex lock (3/8"-16 Grade 5, nylon)      |
| 19        | 149333           | 1    | • WELDMENT, Latch mount                       |
| 20        | 149334           | 1    | • WELDMENT, Cowling bumper                    |
| 21        | 144015           | 2    | • MOUNT, Anti-vibration                       |
| 22        | 103980           | 2    | • NUT, Hex head (1/4"-20 Grade 8)             |
| 23        | 103995           | 3    | • WASHER, Flat (1/4")                         |
| 24        | 103857           | 3    | • BOLT, Hex head (1/4"-20 x 1" Grade 5)       |

## 4.6 Cowling - Front



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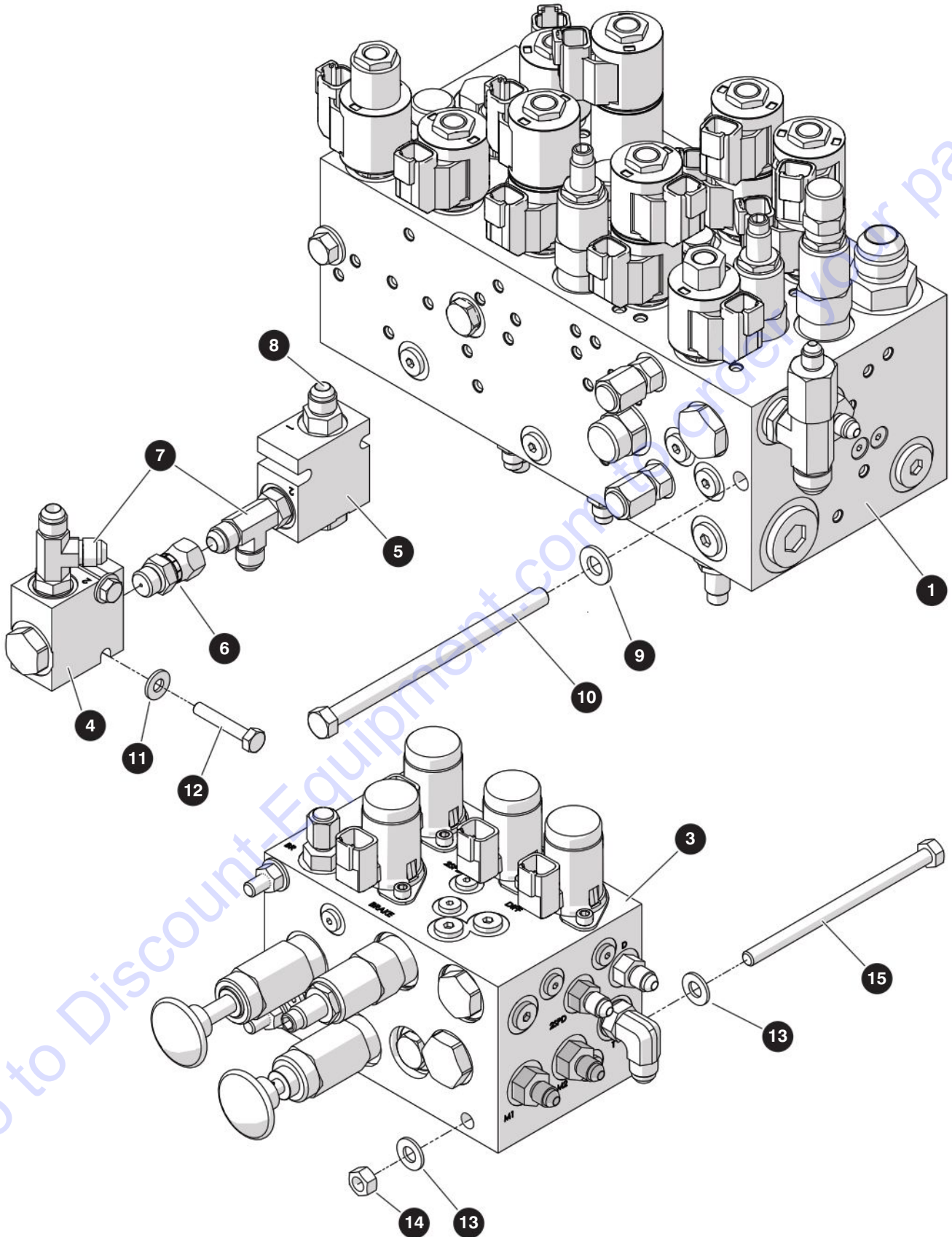
SJ45 AJ+

SKYJACK

## 4.6 Cowling - Front

| Index No. | Skyjack Part No. | Qty. | Description                                 |
|-----------|------------------|------|---|
| -         | 238335           | 1    | FRONT COWLING                               |
| -         | 238336           | 1    | • COWLING, Front                            |
| 1         | 238337           | 1    | • • COWLING SHELL, Front                    |
| 2         | 238338           | 1    | • • BRACKET, Cowling - bottom               |
| 3         | 238340           | 1    | • • BRACKET, Cowling - top RH               |
| 4         | 238342           | 1    | • • BRACKET, Cowling - top LH               |
| 5         | 238344           | 1    | • • BRACKET, Mounting                       |
| 6         | 238345           | 1    | • • PLATE, Perforated                       |
| 7         | 127067           | 6    | • • WASHER, Flat BB style (3/8")            |
| 8         | 125959           | 8    | • • WASHER, Flat hardened (3/8")            |
| 9         | 103870           | 8    | • • BOLT, Hex head (3/8"-16 x 1-1/2", gr 5) |
| 10        | 104606           | 6    | • • NUT, Lock (3/8"-16, gr 5)               |
| 11        | 238346           | 2    | • PLATE, Mounting                           |
| 12        | 125959           | 6    | • WASHER, Flat hardened (3/8")              |
| 13        | 103476           | 6    | • BOLT, Hex head (3/8"-16 x 1", gr 5)       |
| 14        | 702194           | 4    | • WASHER, Flat hardened (3/4")              |
| 15        | 153606           | 4    | • BOLT, Hex head (3/4"-10 x 2 1/4", gr 8)   |
| 16        | 238837           | 1    | PROTECTION, Cowling - <b>CE</b>             |

## 4.7 Manifold Hardware



M230147AB

238271AAA

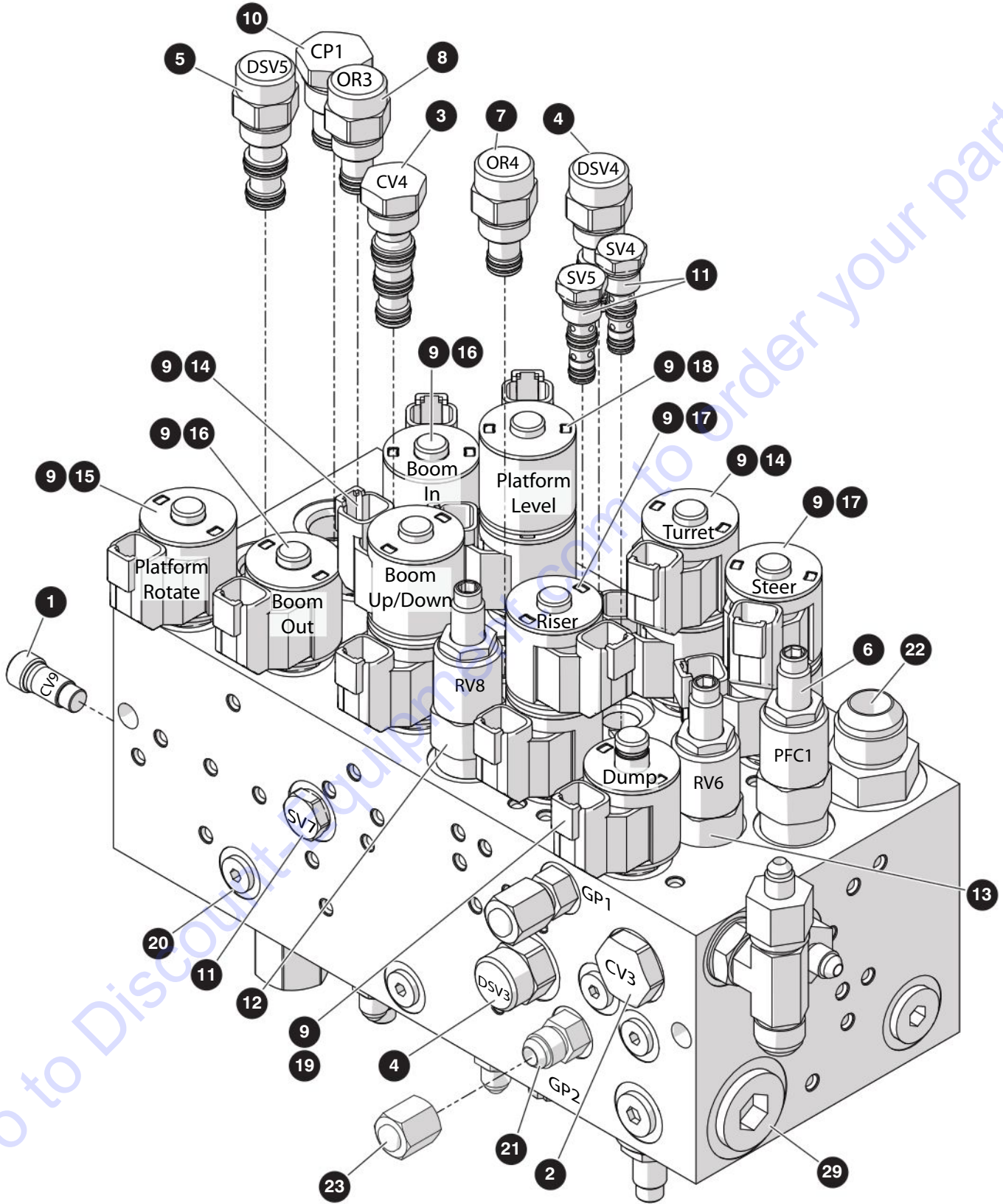
SJ45 AJ+



## 4.7 Manifold Hardware

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 230147           | 1    | MANIFOLD ASSEMBLY WITH HARDWARE  |
| 1         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>MAIN MANIFOLD<br/>(For components, refer to 4.8 Main Manifold)</li> </ul>   |
| 3         | (Ref.)           | 1    | <ul style="list-style-type: none"> <li>BRAKE MANIFOLD<br/>(For components, refer to 4.9 Brake Manifold)</li> </ul> |
| -         | 213881           | 1    | <ul style="list-style-type: none"> <li>LINE BODY VALVE</li> </ul>  |
| 4         | 163182           | 1    | <ul style="list-style-type: none"> <li>VALVE ASSEMBLY, Check</li> </ul>  |
|           | 166075           | 1    | <ul style="list-style-type: none"> <li>BLOCK, Check Valve</li> </ul>   |
|           | 159815           | 1    | <ul style="list-style-type: none"> <li>VALVE, Check</li> </ul>   |
| 5         | 163183           | 1    | <ul style="list-style-type: none"> <li>VALVE ASSEMBLY, Check</li> </ul>  |
|           | 166075           | 1    | <ul style="list-style-type: none"> <li>BLOCK, Check Valve</li> </ul>   |
|           | 166066           | 1    | <ul style="list-style-type: none"> <li>VALVE, Check</li> </ul>   |
| 6         | 228312           | 1    | <ul style="list-style-type: none"> <li>FITTING, Straight (06JIC-06ORBM, 0.67 orifice)</li> </ul>                   |
| 7         | 114581           | 2    | <ul style="list-style-type: none"> <li>FITTING, Tee (06 JICM - 06 ORBM - 06 JICM)</li> </ul>                       |
| 8         | 103069           | 1    | <ul style="list-style-type: none"> <li>FITTING, Straight (06 JICM - 06 ORBM)</li> </ul>                            |
| 9         | 125959           | 2    | <ul style="list-style-type: none"> <li>WASHER, Flat hardened (3/8")</li> </ul>                                     |
| 10        | 138736           | 2    | <ul style="list-style-type: none"> <li>BOLT, Hex head (0.375"-16 x 6.00 gr 5)</li> </ul>                           |
| 11        | 103995           | 2    | <ul style="list-style-type: none"> <li>WASHER, Flat (1/4")</li> </ul>  |
| 12        | 103859           | 2    | <ul style="list-style-type: none"> <li>BOLT, Hex head (1/4"-20 x 1.50" Grade 5)</li> </ul>                         |
| 13        | 103996           | 8    | <ul style="list-style-type: none"> <li>WASHER, Flat (5/16")</li> </ul>   |
| 14        | 100397           | 3    | <ul style="list-style-type: none"> <li>NUT, Hex head (5/16"-18, Grade 5)</li> </ul>                                |
| 15        | 138762           | 3    | <ul style="list-style-type: none"> <li>BOLT, Hex head (5/16"-18 x 5.00", Grade 5)</li> </ul>                       |

# 4.8 Main Manifold



M218327AA-1

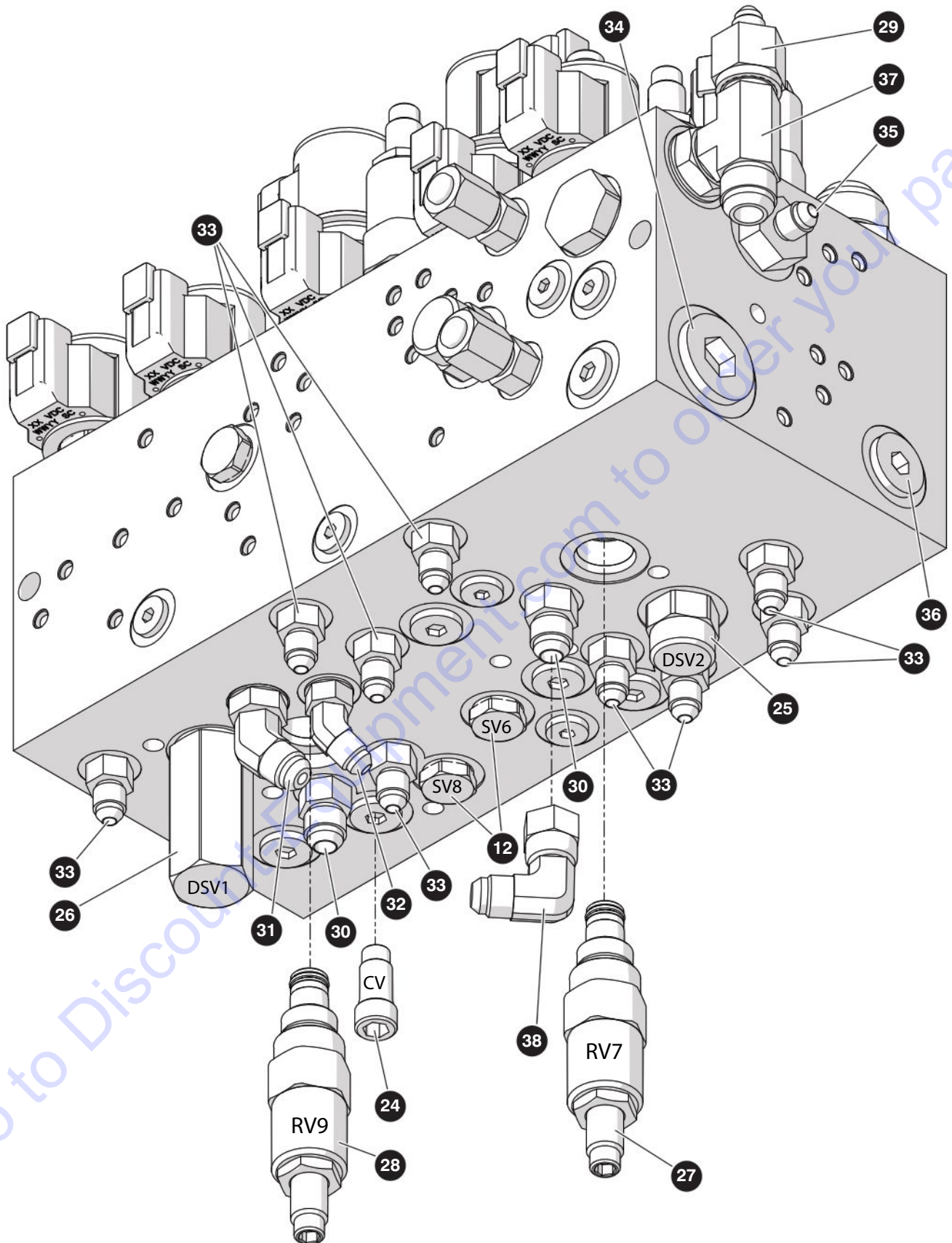
238271AAA

SJ45 AJ+

## 4.8 Main Manifold

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 218327           | 1    | MAIN MANIFOLD   |
| 1         | 166067           | 1    | • VALVE, Check  |
| 2         | 166064           | 1    | • VALVE, Check  |
| 3         | 159817           | 1    | • VALVE, Check (Pilot operated)                             |
| 4         | 166063           | 2    | • COMPENSATOR, Pressure                                     |
| 5         | 166062           | 1    | • COMPENSATOR, Pressure                                     |
| 6         | 166055           | 1    | • REGULATOR, Pressure                                       |
| 7         | 166057           | 1    | • REGULATOR, Pressure                                       |
| 8         | 166056           | 1    | • REGULATOR, Pressure                                       |
| 9         | 159821           | 14   | • COIL, 12 VDC  |
| 10        | 231437           | 1    | • PLUG, Cavity  |
| 11        | 166054           | 5    | • VALVE, Shuttle  |
| 12        | 166044           | 1    | • VALVE, Differential relief                                |
| 13        | 166043           | 1    | • VALVE, Differential relief                                |
| 14        | 166041           | 3    | • VALVE, Spool (3 position 4 way)                           |
| 15        | 231438           | 1    | • VALVE, Spool (2 position 2 way)                           |
| 16        | 166037           | 2    | • VALVE, Spool (3 way)                                      |
| 17        | 158186           | 1    | • VALVE, Spool (3 position 4 way)                           |
| 18        | 166036           | 1    | • VALVE, Spool (3 position 4 way)                           |
| 19        | 166039           | 1    | • VALVE, Spool (2 way)                                      |
| 20        | 121250           | 3    | • PLUG, Hex socket (04 ORBM)                                |
| 21        | 128869           | 2    | • FITTING, Straight (06 JICM - 06 ORBM)                     |
| 22        | 702118           | 1    | • FITTING, Straight (12 JICM - 12 ORBM)                     |
| 23        | 107666           | 2    | • FITTING, Cap (06 JICF)                                    |
|           |                  |      | <b><i>The parts list is continued on the next page.</i></b> |

## 4.8 Main Manifold



M218327AA-2

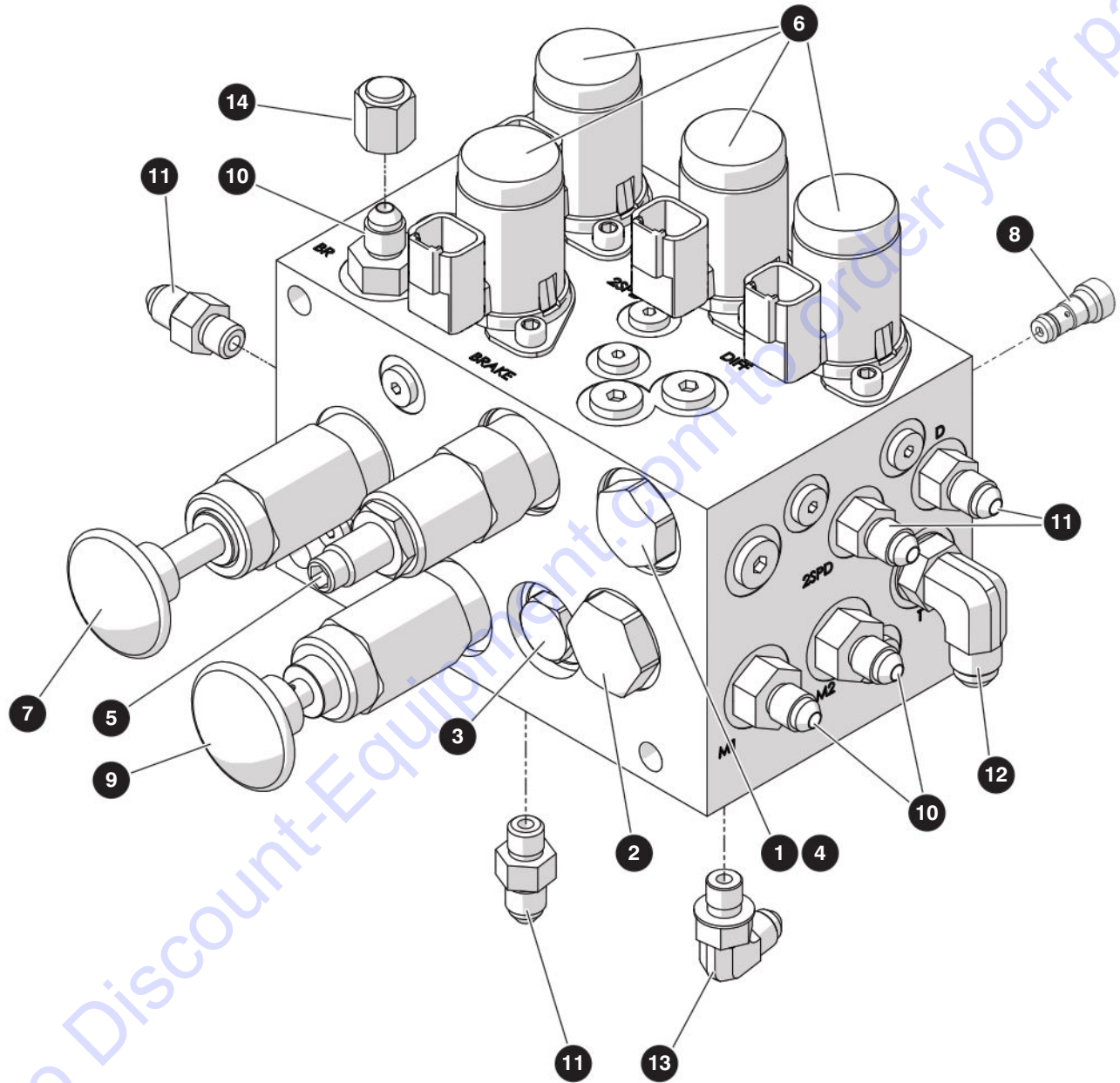
238271AAA

SJ45 AJ+

## 4.8 Main Manifold

| Index No.  | Skyjack Part No. | Qty. | Description  |
|--|------------------|------|--|
| <i>The parts list is continued from the previous page.</i> |                  |      |  |
| 24   | 166067           | 5    | <ul style="list-style-type: none"> <li>• VALVE, Check</li> </ul>                               |
| 25   | 166062           | 1    | <ul style="list-style-type: none"> <li>• COMPENSATOR, Pressure</li> </ul>                      |
| 26   | 166059           | 1    | <ul style="list-style-type: none"> <li>• COMPENSATOR, Pressure</li> </ul>                      |
| 27   | 168975           | 1    | <ul style="list-style-type: none"> <li>• VALVE, Relief</li> </ul>                              |
| 28   | 159809           | 1    | <ul style="list-style-type: none"> <li>• VALVE, Relief</li> </ul>                              |
| 29   | 706812           | 1    | <ul style="list-style-type: none"> <li>• FITTING, Straight (08 JICF - 04 JICM)</li> </ul>      |
| 30   | 128869           | 2    | <ul style="list-style-type: none"> <li>• FITTING, Straight (06 JICM - 06 ORBM)</li> </ul>      |
| 31   | 701478           | 1    | <ul style="list-style-type: none"> <li>• FITTING, Elbow 45° (06 JICM - 04 ORBM)</li> </ul>     |
| 32   | 131716           | 1    | <ul style="list-style-type: none"> <li>• FITTING, Elbow 45° (04 JICM - 04 ORBM)</li> </ul>     |
| 33   | 126128           | 10   | <ul style="list-style-type: none"> <li>• FITTING, Straight (04 JICM - 04 ORBM)</li> </ul>      |
| 34   | 111392           | 1    | <ul style="list-style-type: none"> <li>• PLUG, Hex socket (12 ORBM)</li> </ul>                 |
| 35   | 131705           | 1    | <ul style="list-style-type: none"> <li>• FITTING, Straight (08 ORBM - 04 JICM)</li> </ul>      |
| 36   | 702796           | 1    | <ul style="list-style-type: none"> <li>• PLUG, Hex socket (08 ORBM)</li> </ul>                 |
| 37   | 135061           | 1    | <ul style="list-style-type: none"> <li>• FITTING, Tee (08 JICM - 08 JICM - 08 ORBM)</li> </ul> |
| 38   | 702761           | 1    | <ul style="list-style-type: none"> <li>• FITTING, Elbow 90° (06 JICM - 06 JICFSW)</li> </ul>   |

## 4.9 Brake Manifold



M195803AC

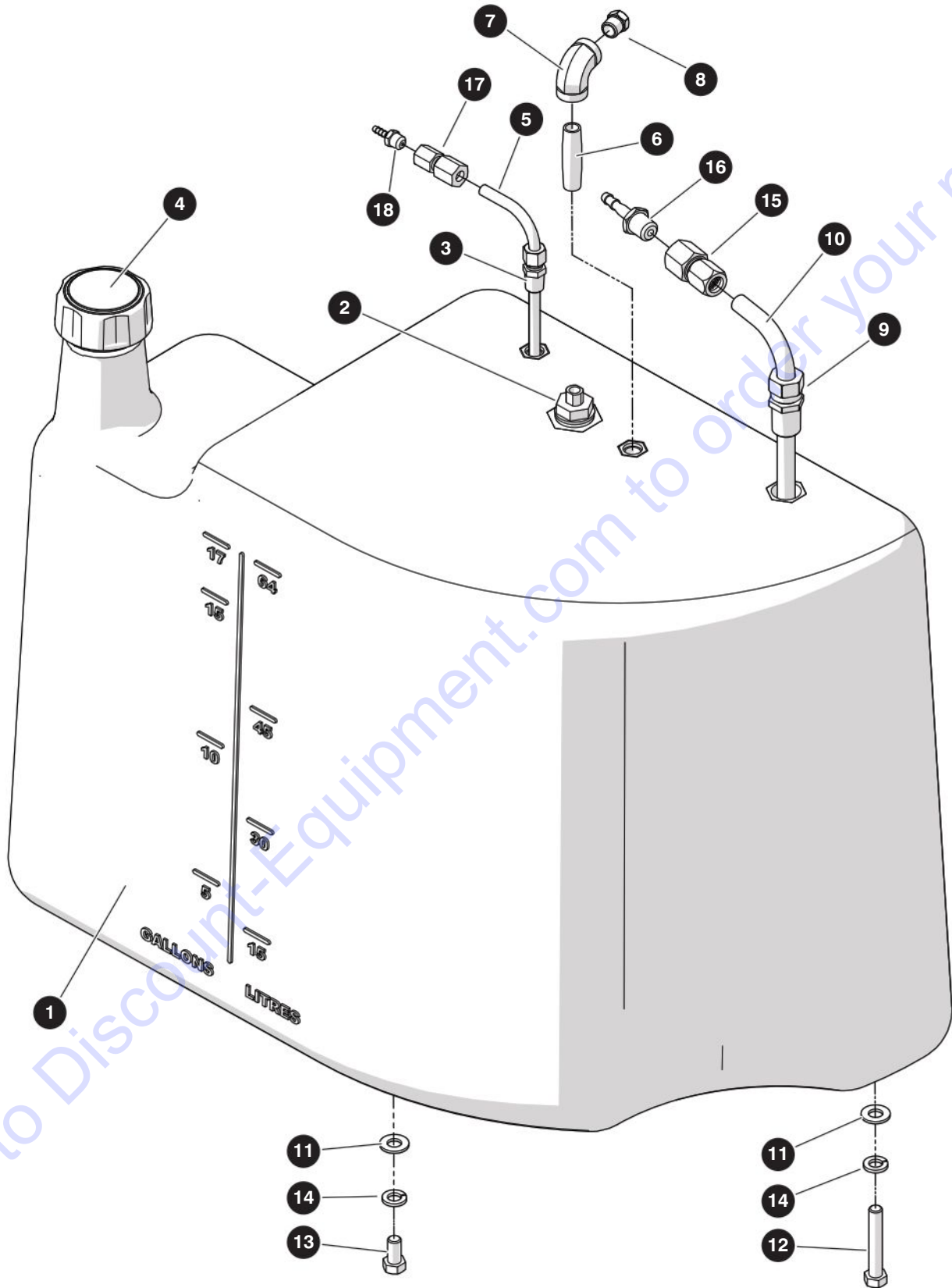
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SJ45 AJ+

## 4.9 Brake Manifold

| Index No. | Skyjack Part No. | Qty. | Description                              |
|-----------|------------------|------|--|
| -         | 195803           | 1    | BRAKE MANIFOLD                           |
| -         | 168642           | 1    | • MANIFOLD, Brake                        |
| 1         | 171413           | 1    | • • VALVE, Check                         |
| 2         | 166053           | 1    | • • VALVE, Shuttle                       |
| 3         | 166054           | 1    | • • VALVE, Shuttle                       |
| 4         | 171420           | 1    | • • ORIFICE, Disc (0.073")               |
| 5         | 168754           | 1    | • • VALVE, Pressure reducer              |
| 6         | 159827           | 4    | • • VALVE, Solenoid                      |
| 7         | 159831           | 1    | • • PUMP, Hand                           |
| 8         | 141414           | 1    | • • VALVE, Shuttle                       |
| 9         | 141436           | 1    | • • VALVE, Brake release override        |
| 10        | 701956           | 3    | • FITTING, Straight (04 JICM - 06 ORBM)  |
| 11        | 126128           | 4    | • FITTING, Straight (04 JICM - 04 ORBM)  |
| 12        | 114578           | 1    | • FITTING, 90° elbow (06 JICM - 06 ORBM) |
| 13        | 125883           | 1    | • FITTING, 90° elbow (04 JICM - 04 ORBM) |
| 14        | 131286           | 1    | • FITTING, Cap (04 JICF)                 |

## 4.10 Fuel Tank - Kubota D1305



M238514AB

238271AAA

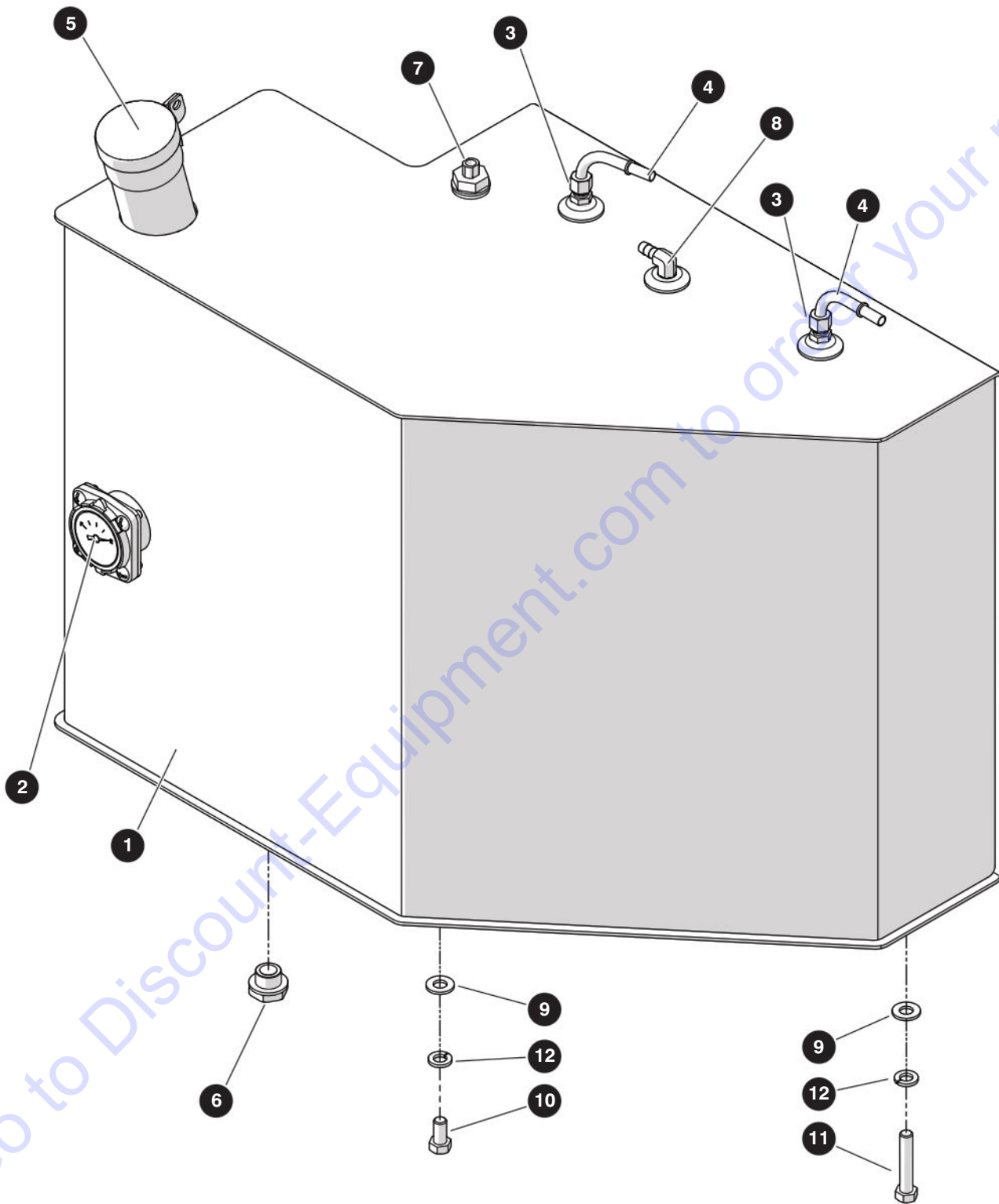
SJ45 AJ+



## 4.10 Fuel Tank - Kubota D1305

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 238514           | 1    | FUEL TANK  |
| -         | 210465           | 1    | • FUEL TANK, Diesel                                |
| 1         | 210466           | 1    | • • TANK, Fuel - diesel                            |
| 2         | 103155           | 1    | • • FITTING, Brass tank (#T68-5B)                  |
| 3         | 138491           | 1    | • • TUBE, Fuel send/return                         |
| 4         | 144410           | 1    | • • CAP, Fuel (Non EPA)                            |
| 5         | 138230           | 1    | • • SWITCH, Fuel level                             |
| 6         | 116408           | 1    | • • BREATHER VENT (1/4" NPT)                       |
| 7         | 143478           | 1    | • • FITTING, Brass nipple (1/4" NPT x 2" lg)       |
| 8         | 144325           | 1    | • • FITTING, Brass 90° (1/4" NPTF x 1/4" NPTF)     |
| 9         | 164674           | 1    | • • FITTING, Compression tube (1/2" OD x 1/2" NPT) |
| 10        | 164673           | 1    | • • TUBE, Fuel suction                             |
| 11        | 125959           | 4    | • WASHER, Flat hardened (3/8")                     |
| 12        | 103872           | 2    | • BOLT, Hex head (3/8"-16 x 2-1/4", gr 5)          |
| 13        | 101632           | 2    | • BOLT, Hex head (3/8"-16 x 3/4", gr 5)            |
| 14        | 103999           | 4    | • WASHER, Lock (3/8")                              |
| 15        | 165716           | 1    | • FITTING, Straight (08BT-06FP)                    |
| 16        | 165719           | 1    | • FITTING, Hose barb - beaded (5/16" tube)         |
| 17        | 237600           | 1    | • FITTING, Straight adapter (05BT-02FP)            |
| 18        | 237603           | 1    | • FITTING, Hose barb (1/8" line)                   |

## 4.11 Fuel Tank - Kubota WG972



M238722AB

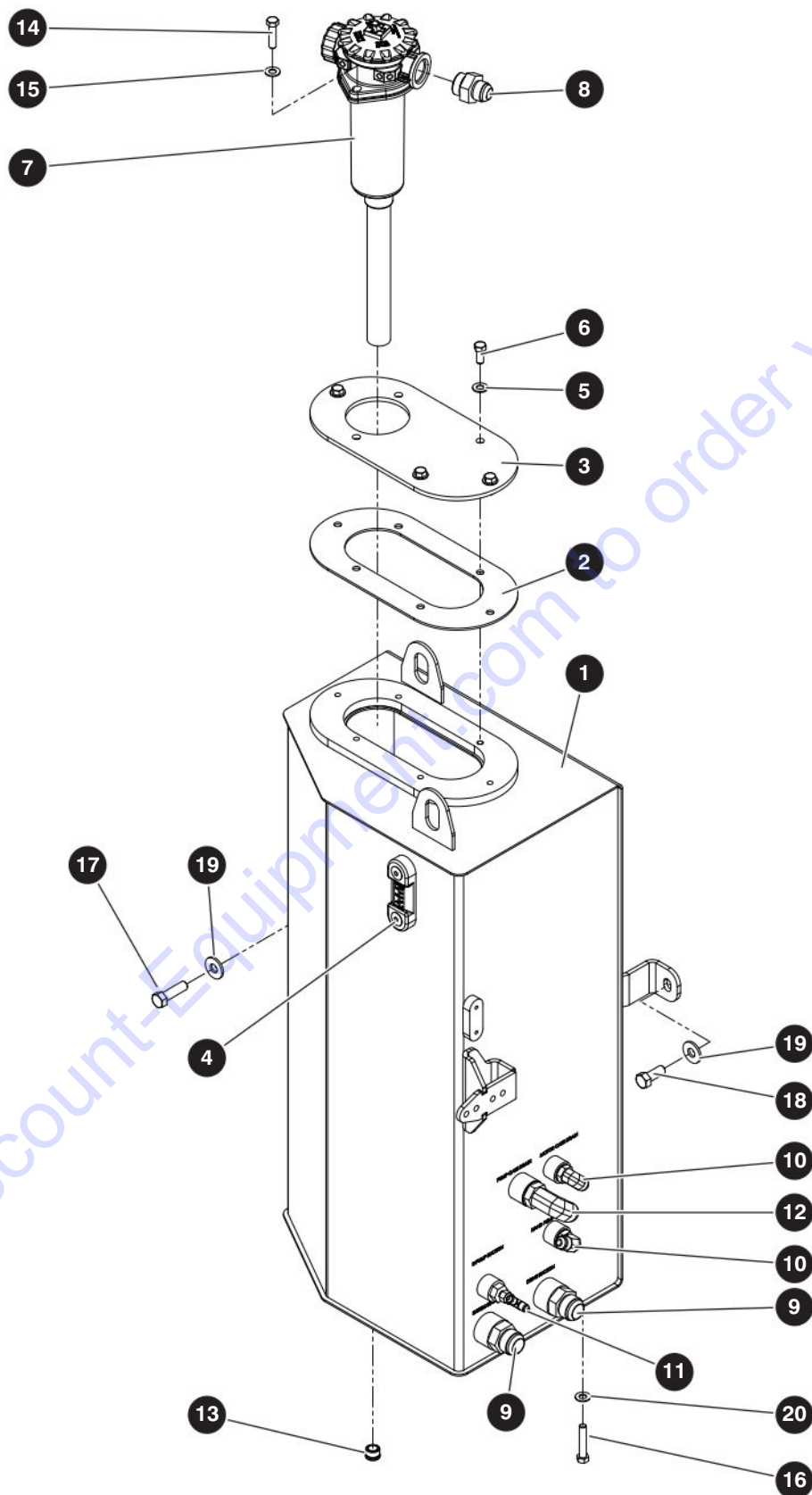
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SJ45 AJ+

## 4.11 Fuel Tank - Kubota WG972

| Index No. | Skyjack Part No. | Qty. | Description                                    |
|-----------|------------------|------|--|
| -         | 238722           | 1    | FUEL TANK - Kubota WG972                       |
| -         | 238727           | 1    | • FUEL TANK, Gasoline                          |
| 1         | 238728           | 1    | • • TANK, Fuel                                 |
| 2         | 144393           | 4    | • • GAUGE, Fuel level                          |
| 3         | 103155           | 1    | • • FITTING, Brass tank (#T68-5B)              |
| 4         | 144338           | 2    | • • TUBE, Gas send/return                      |
| 5         | 238744           | 1    | • • CAP, Filler - non-vented                   |
| 6         | 117701           | 1    | • • PLUG, Tank - magnetic (3/4" UNF)           |
| 7         | 138230           | 1    | • • SWITCH, Fuel level                         |
| 8         | 102907           | 1    | • • FITTING, Brass - 90° (5/16" hose 1/4" NPT) |
| 9         | 125959           | 4    | • WASHER, Flat hardened (3/8")                 |
| 10        | 101632           | 2    | • BOLT, Hex head (3/8"-16 x 3/4", gr 5)        |
| 11        | 103596           | 2    | • BOLT, Hex head (3/8"-16 x 2", gr 5)          |
| 12        | 103999           | 4    | • WASHER, Lock (3/8")                          |

## 4.12 Hydraulic Tank



M162287AC

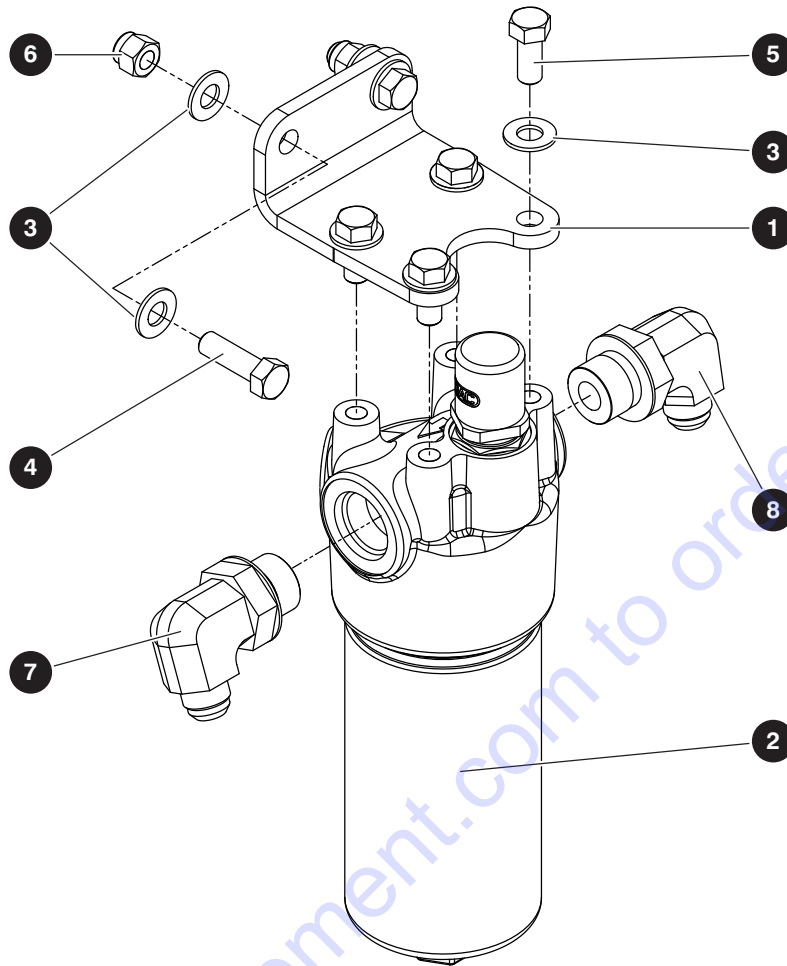
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SJ45 AJ+

## 4.12 Hydraulic Tank

| Index No. | Skyjack Part No. | Qty. | Description                                     |
|-----------|------------------|------|---|
| -         | 162287           | 1    | HYDRAULIC TANK                                  |
| -         | 209553           | 1    | • HYDRAULIC TANK ASSEMBLY with fittings         |
| -         | 162322           | 1    | • • HYDRAULIC TANK ASSEMBLY                     |
| 1         | 162323           | 1    | • • • TANK WELDMENT, Hydraulic                  |
| 2         | 152393           | 1    | • • • GASKET, Hydraulic tank                    |
| 3         | 152392           | 1    | • • • COVER, Hydraulic tank                     |
| 4         | 103236           | 1    | • • • INDICATOR, Level                          |
| 5         | 103472           | 4    | • • • WASHER, Flat hardened (3/8")              |
| 6         | 300437           | 4    | • • • BOLT, Hex head (3/8"-16 x 0.875" Grade 5) |
| 7         | 161934           | 1    | • • FILTER ASSEMBLY, Return                     |
|           | 161949           | 1    | • • • ELEMENT, Return filter                    |
|           | 168869           | 1    | • • • ELEMENT, Breather                         |
|           | 168870           | 1    | • • • LID, Return filter                        |
|           | 168871           | 1    | • • • CAP, Air element                          |
| 8         | 702122           | 1    | • • FITTING, Straight (12 JICM - 16 ORBM)       |
| 9         | 138667           | 2    | • • FITTING, Straight (16 JICM - 16 ORBM)       |
| 10        | 114583           | 2    | • • FITTING, Elbow 90° (08 JICM - 08 ORBM)      |
| 11        | 103070           | 1    | • • FITTING, Straight (06 JICM - 08 ORBM)       |
| 12        | 139207           | 1    | • • FITTING, Elbow 90° long (12 JICM - 12 ORBM) |
| 13        | 143980           | 1    | • • FITTING, Plug - magnetic (08 ORBM)          |
| 14        | 103870           | 2    | • • BOLT, Hex head (3/8"-16 x 1 1/2" Grade 5)   |
| 15        | 103472           | 2    | • • WASHER, Flat (3/8")                         |
| 16        | 103596           | 2    | • BOLT, Hex head (3/8"-16 x 2" Grade 5)         |
| 17        | 103907           | 1    | • BOLT, Hex head (1/2"-13 x 1-1/2" Grade 8)     |
| 18        | 103909           | 1    | • BOLT, Hex head (1/2"-13 x 1-1/4" Grade 8)     |
| 19        | 104379           | 2    | • WASHER, Flat (1/2" hard)                      |
| 20        | 103472           | 2    | • WASHER, Flat (3/8")                           |

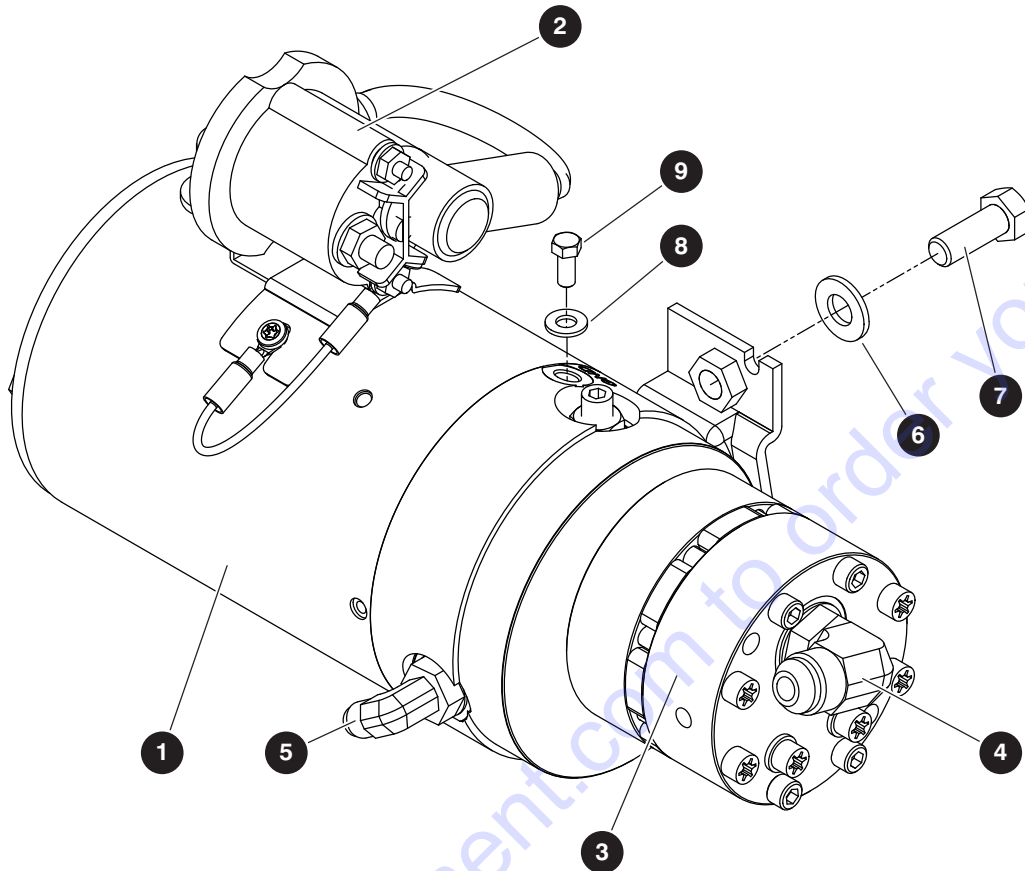
## 4.13 High Pressure Filter



M162288AB

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 162288           | 1    | HIGH PRESSURE FILTER ASSEMBLY  |
| 1         | 162327           | 1    | • BRACKET, High pressure filter                                      |
| 2         | 161932           | 1    | • FILTER ASSEMBLY, High pressure                                     |
|           | 161947           | 1    | • • ELEMENT, High pressure filter                                    |
|           | 169246           | 1    | • • PLUG, Indicator with seals                                       |
|           | 204202           | 1    | • • O-RING   |
|           | 204203           | 1    | • • O-RING, Backup   |
| 3         | 103472           | 8    | • WASHER, Flat (3/8")  |
| 4         | 101297           | 2    | • BOLT, Hex head (3/8"-16 x 1.25" Grade 5)                           |
| 5         | 300437           | 4    | • BOLT, Hex head (3/8"-16 x 0.875" Grade 5)                          |
| 6         | 104606           | 2    | • NUT, Hex head nylon lock (3/8"-16 Grade 5)                         |
| 7         | 112366           | 1    | FITTING, Elbow 90° (08 JICM - 12 ORBM) <i>(no oil cooler option)</i> |
| 8         | 138981           | 1    | FITTING, Elbow 90° (10 JICM - 12 ORBM) <i>(no oil cooler option)</i> |

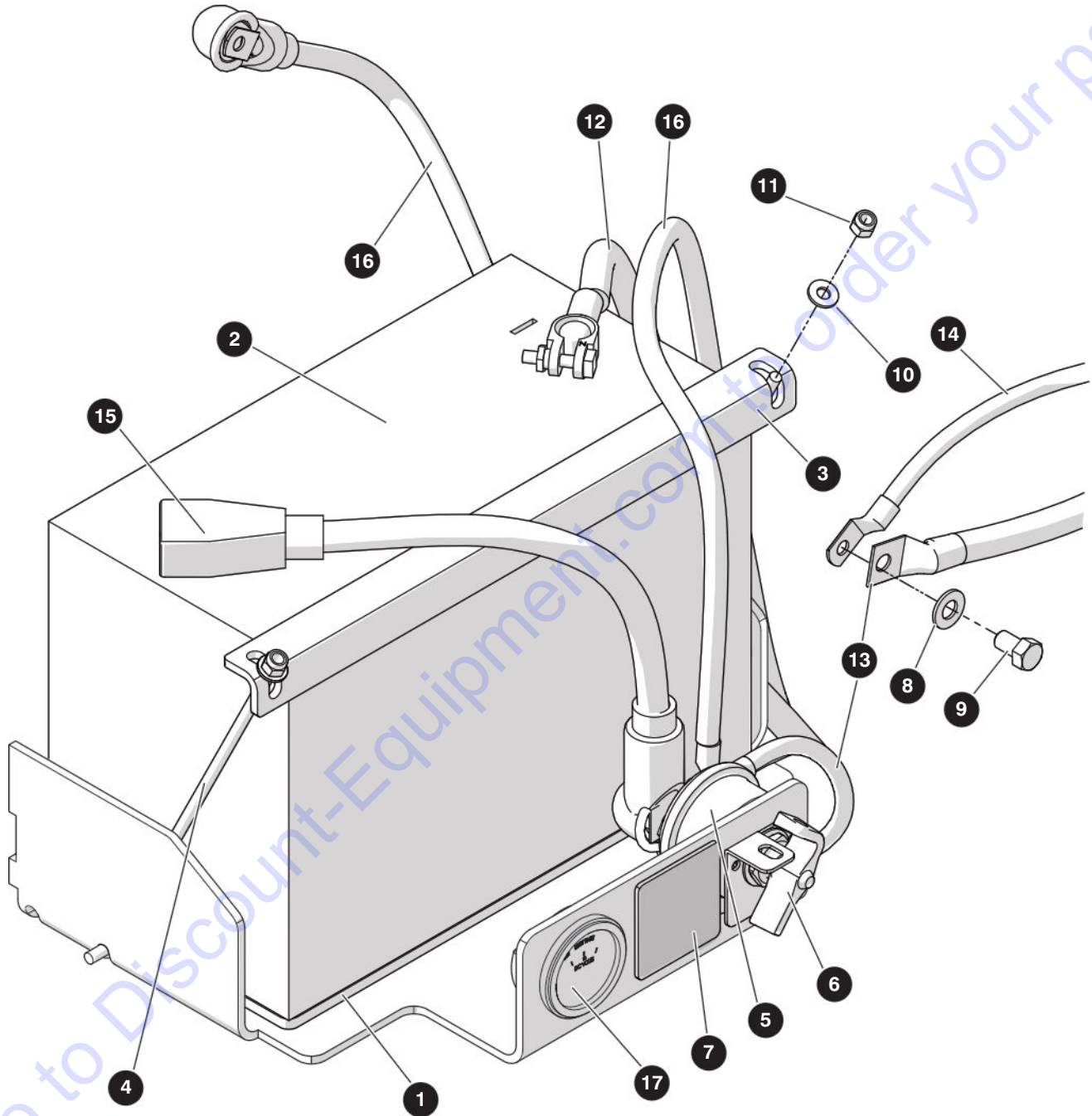
## 4.14 Auxiliary Pump



M167489AC

| Index No. | Skyjack Part No. | Qty. | Description                                   |
|-----------|------------------|------|---|
| -         | 167489           | 1    | AUXILIARY PUMP                                |
| -         | 220500           | 1    | • AUXILIARY PUMP WITH FITTINGS                |
| -         | 160923           | 1    | • • PUMP, Auxiliary                           |
| 1         | 168897           | 1    | • • • MOTOR                                   |
| 2         | 168898           | 1    | • • • CONTACTOR                               |
| 3         | 169244           | 1    | • • • PUMP                                    |
| 4         | 114583           | 1    | • • FITTING, Elbow, 90° (08 ORBM - 08 JICM)   |
| 5         | 129127           | 1    | • • FITTING, Elbow, 90° (04 JICM - 06 ORBM)   |
| 6         | 125959           | 2    | • WASHER, Flat hardened (0.375")              |
| 7         | 103473           | 2    | • BOLT, Hex head (0.375"-16 x 1.00" Grade 5)  |
| 8         | 103404           | 1    | • WASHER, Lock (0.312")                       |
| 9         | 148331           | 1    | • BOLT, Hex head (0.312"-18 x 0.625" Grade 5) |

## 4.15 Battery



M238395AB

238271AAA

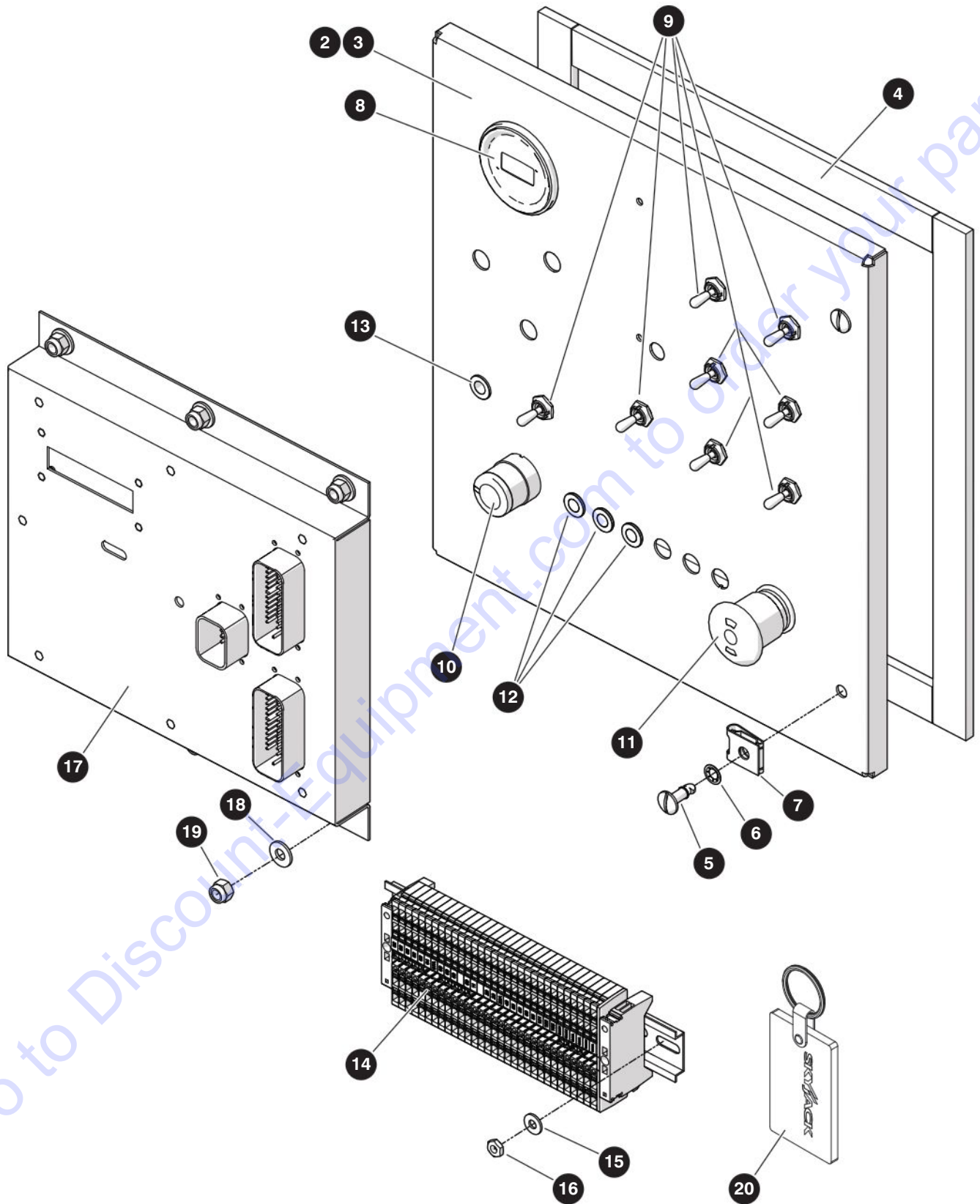
SJ45 AJ+



## 4.15 Battery

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 238395           | 1    | BATTERY ASSEMBLY                                   |
| 1         | 157464           | 1    | • PAD, Battery                                     |
| 2         | 144676           | 1    | • BATTERY (12V, 950 CCA)                           |
| 3         | 150959           | 1    | • BRACKET, Battery retainer                        |
| 4         | 128572           | 1    | • HOLD DOWN, Battery (pair)                        |
| 5         | 119725           | 1    | • SWITCH, Main lockout                             |
| 6         | 108714           | 1    | • MOUNT, Lock out switch                           |
| 7         | 119674           | 1    | • LABEL, Battery Disconnect                        |
| 8         | 103472           | 1    | • WASHER, Flat (3/8")                              |
| 9         | 138464           | 1    | • BOLT, Hex head (3/8"-16 x 0.650" Grade 5)        |
| 10        | 103995           | 2    | • WASHER, Flat (1/4")                              |
| 11        | 115649           | 2    | • NUT, Lock (1/4"-20 gr 5)                         |
| 12        | 238430           | 1    | • CABLE, Weld (#2/0 3/8" x 33 x 3/8") (00,00)      |
| 13        | 238393           | 1    | • CABLE, Weld (1GA 3/8" x 102 x 5/16") (103,103)   |
| 14        | 238394           | 1    | • CABLE, Weld (1GA 3/8" x 80 x 5/16") (00,00)      |
| 15        | 138700           | 1    | • CABLE, Battery (post + to disc)                  |
|           | 139032           | 1    | • • BOOT, Battery post - red                       |
|           | 139105           | 1    | • • BOOT, Terminal - red                           |
| 16        | 138704           | 1    | • CABLE, Weld (1GA 5/16" x 86" x 5/16") (03,03)    |
|           | 139106           | 1    | • • BOOT, Terminal - red                           |
| -         | 170482           | 1    | CHARGE INDICATOR ASSEMBLY                          |
| 17        | 152323           | 1    | • INDICATOR, Charge                                |
| 18        | 152344           | 1    | • WIRE ASSEMBLY, Charge indicator (00) (not shown) |
| 19        | 152345           | 1    | • WIRE ASSEMBLY, Charge indicator (03) (not shown) |

## 4.16 Base Control Box



M238424AB-1

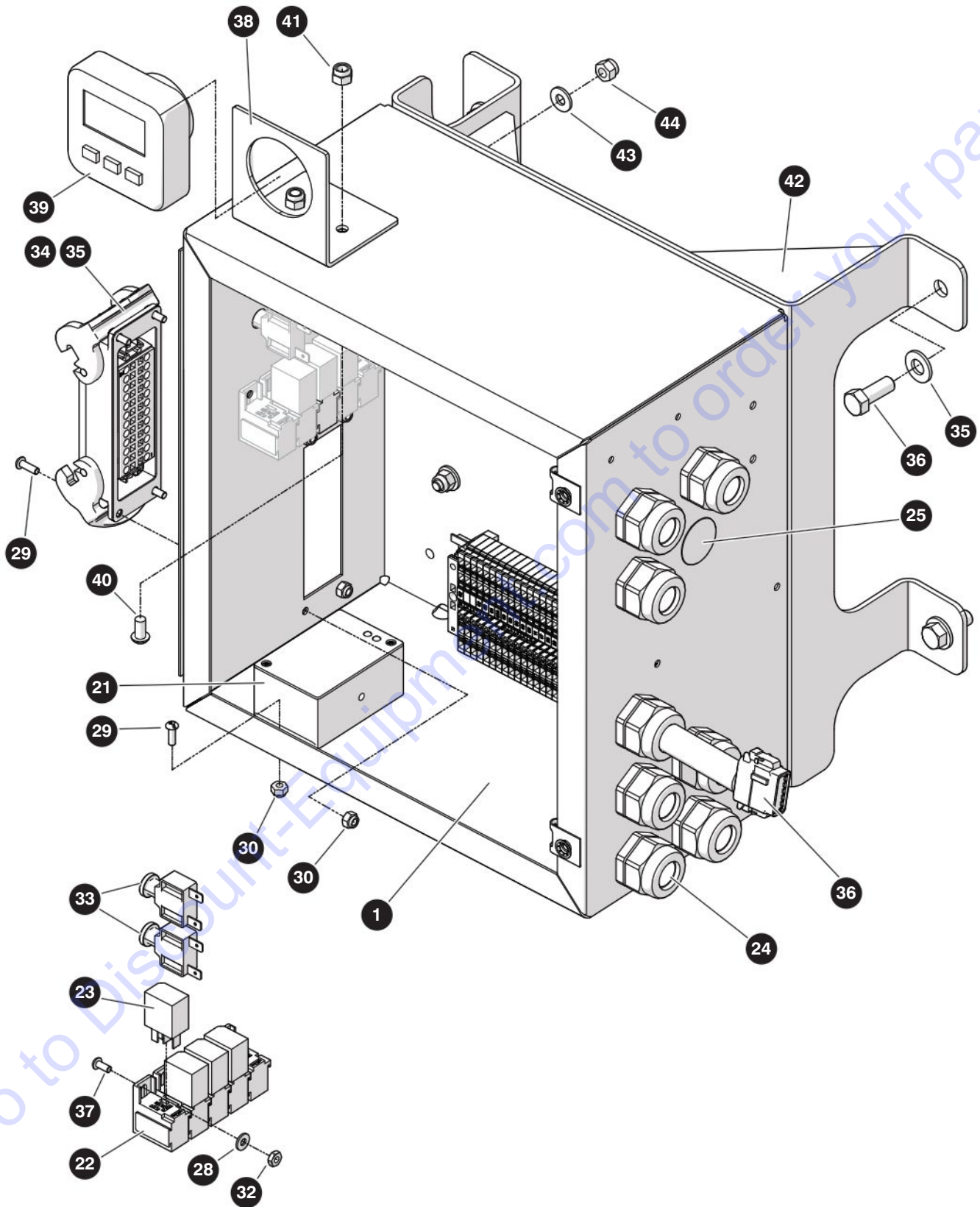
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SJ45 AJ+

## 4.16 Base Control Box

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 238424           | 1    | BASE CONTROL BOX  |
| -         | 238408           | 1    | • CONTROL BOX   |
| 1         | 238407           | 1    | • • BODY, Control box   |
| 2         | 218243           | 1    | • • DOOR, Control box   |
| 3         | 149281           | 1    | • • HINGE, Continuous   |
| 4         | 149282           | 1    | • • WEATHER STRIP   |
| 5         | 149437           | 2    | • • BOLT - 1/4 turn   |
| 6         | 149320           | 2    | • • RETAINER - 1/4 turn   |
| 7         | 149321           | 2    | • • RECEPTACLE - 1/4 turn   |
| 8         | 195940           | 1    | • HOUR METER  |
| 9         | 102853           | 8    | • SWITCH, Toggle  |
| 10        | 218354           | 1    | • SWITCH, Key   |
|           | 147056           | 1    | • • LATCH, Mounting   |
|           | 149605           | 1    | • • HEAD, Selector switch - keyed   |
|           | 166141           | 1    | • • BLOCK, Contact, NO (black plunger)  |
|           | 166142           | 1    | • • BLOCK, Contact, NO (yellow plunger)                                       |
|           | 147053           | 1    | • • BLOCK, NC Contact   |
| 11        | 144652           | 1    | • SWITCH, Emergency stop  |
|           | 147056           | 1    | • • LATCH, Mounting   |
|           | 147053           | 1    | • • BLOCK, NC Contact   |
|           | 147229           | 1    | • • SWITCH, LED block   |
|           | 147051           | 1    | • • SWITCH HEAD, Emergency stop   |
| 12        | 213307           | 4    | • LIGHT, LED amber - 12V  |
| 13        | 213308           | 1    | • LIGHT, LED red - 12V  |
| 14        | (Ref.)           | 1    | • TERMINAL STRIP, Base<br>(For components, refer to 4.17 Base Terminal Strip) |
| 15        | 104694           | 2    | • WASHER, Flat (#10)  |
| 16        | 104003           | 2    | • NUT, Hex (10-32)  |
| 17        | 218381           | 1    | • MODULE, Master  |
|           | 218277           | 1    | • • SERVICE TOOL  |
|           | 218276           | 1    | • • • HARNESS, SMB1 to peak   |
|           | 218278           | 1    | • • • ADAPTER, PCAN-USB   |
| 18        | 103995           | 6    | • WASHER, Flat (1/4")   |
| 19        | 115649           | 6    | • NUT, Hex lock (1/4"-20 Gr 5, nylon)   |
| 20        | 114710           | 1    | KEYRING   |

## 4.16 Base Control Box



M238424AB-2

238271AAA

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| Quantity:     | <input type="text"/> |
| Notes:        | <input type="text"/> |

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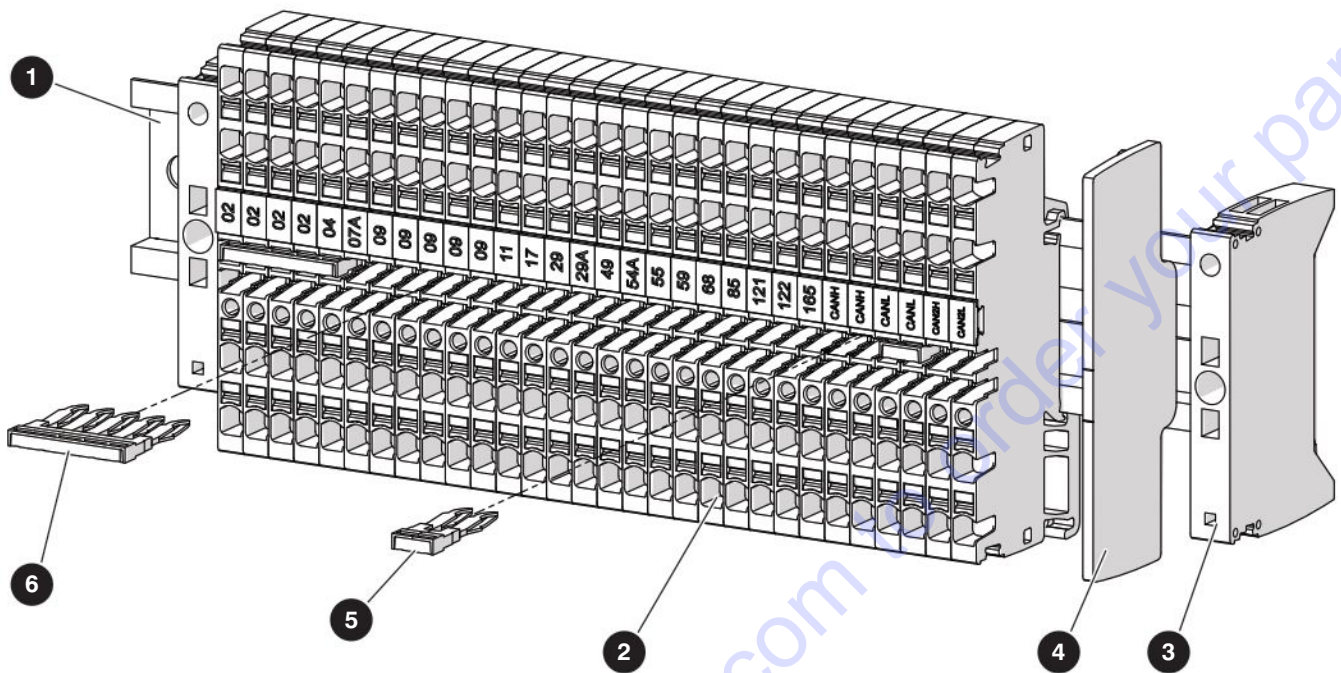
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## 4.16 Base Control Box

| Index No. | Skyjack Part No. | Qty. | Description                               |
|-----------|------------------|------|---|
| 21        | 149426           | 1    | • ANGLE TRANSDUCER - DUAL AXIS            |
| 22        | 218997           | 5    | • SOCKET, Micro relay                     |
| 23        | 931298           | 4    | • RELAY                                   |
| 24        | 116266           | 8    | • CONNECTOR, Liquid tight (Heyco)         |
| 25        | 131938           | 1    | • PLUG, Hole (1-1/8")                     |
| 26        | 103056           | 1    | • BEEPER (7.5 - 16 VDC)                   |
| 27        | 146652           | 1    | • HORN. (12V)                             |
| 28        | 103991           | 2    | • WASHER, Flat (#8)                       |
| 29        | 103957           | 6    | • SCREW, Round head machine (8-32 x 1/2") |
| 30        | 138765           | 8    | • NUT, Lock (8-32 Grade5, zinc-nylon)     |
| 31        | 126499           | 2    | • SCREW, Round head machine (8-32 x 7/8") |
| 32        | 103986           | 2    | • NUT, Hex (8-32)                         |
| 33        | 117325           | 2    | • BREAKER, Circuit (15 AMP)               |
| 34        | 138751           | 1    | • HOUSING - OPEN BOT. 24 POLE DBL. LEVER  |
| 35        | 138756           | 1    | • SOCKET, 24 POLE SPRING 16A              |
| 36        | 221144           | 1    | • HARNESS, Elevate telematics bypass      |
| 37        | 204325           | 2    | • SCREW, Round head machine (8-32 x 3/8") |
| 38        | 238420           | 1    | • BRACKET, Engine display                 |
| 39        | 166739           | 1    | • DISPAY, Engine parameter                |
| 40        | 300060           | 2    | • BOLT, Button head cap (1/4"-20 x 1/2")  |
| 41        | 115649           | 2    | • NUT, Lock (1/4"-20, gr 5)               |
| 42        | 149056           | 1    | BRACKET, Control box mount                |
| 43        | 103995           | 4    | WASHER, Flat (1/4")                       |
| 44        | 115649           | 4    | NUT, Lock (1/4"-20, gr 5)                 |
| 45        | 125959           | 3    | WASHER, Flat (3/8")                       |
| 46        | 103473           | 3    | BOLT, Hex head (3/8"-16 x 1, gr 5)        |

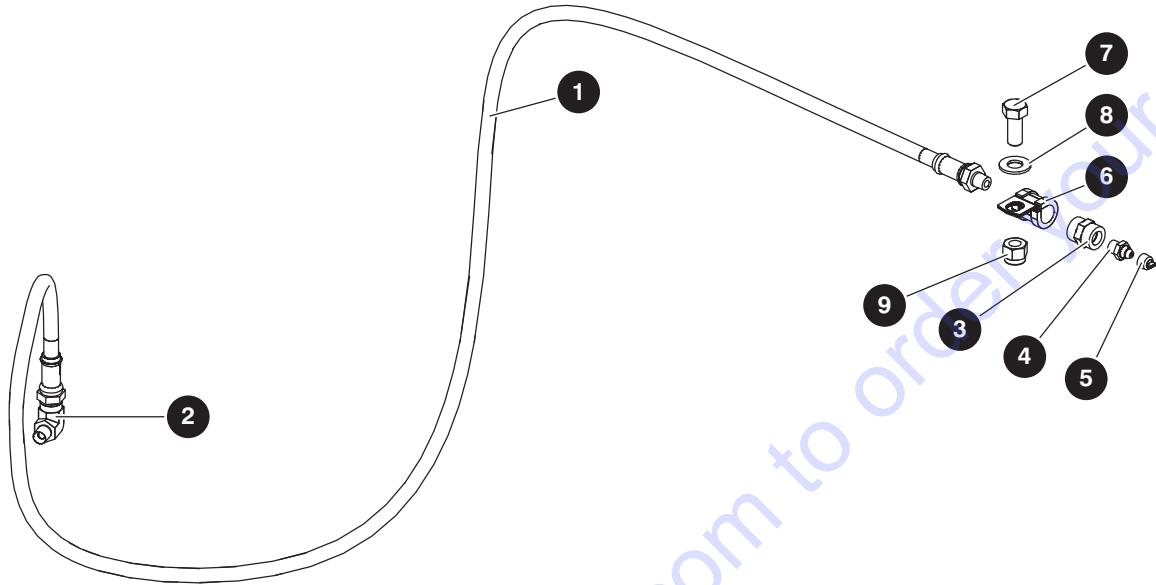
## 4.17 Base Terminal Strip



M218498AD

| Index No. | Skyjack Part No. | Qty.   | Description         |
|-----------|------------------|--------|---------------------|
| -         | 218498           | 1      | BASE TERMINAL STRIP |
| 1         | 233337           | 224 mm | • RAIL              |
| 2         | 233338           | 32     | • BLOCK, Terminal   |
| 3         | 233341           | 2      | • PLATE, End        |
| 4         | 233342           | 1      | • PLATE, Separator  |
| 5         | 233343           | 2      | • JUMPER, 2-pin     |
| 6         | 233345           | 2      | • JUMPER, 5-pin     |

## 4.18 Grease Line

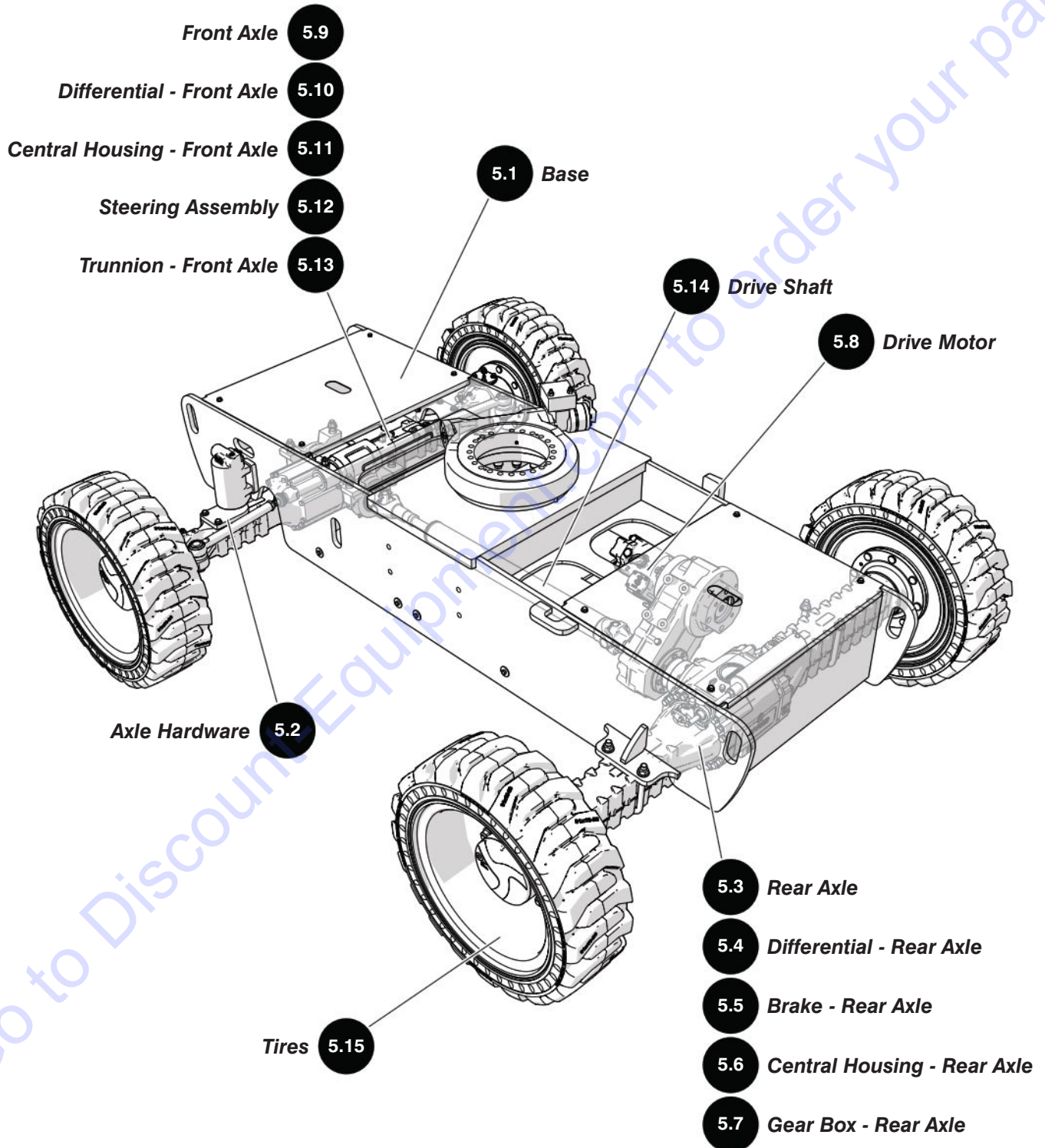


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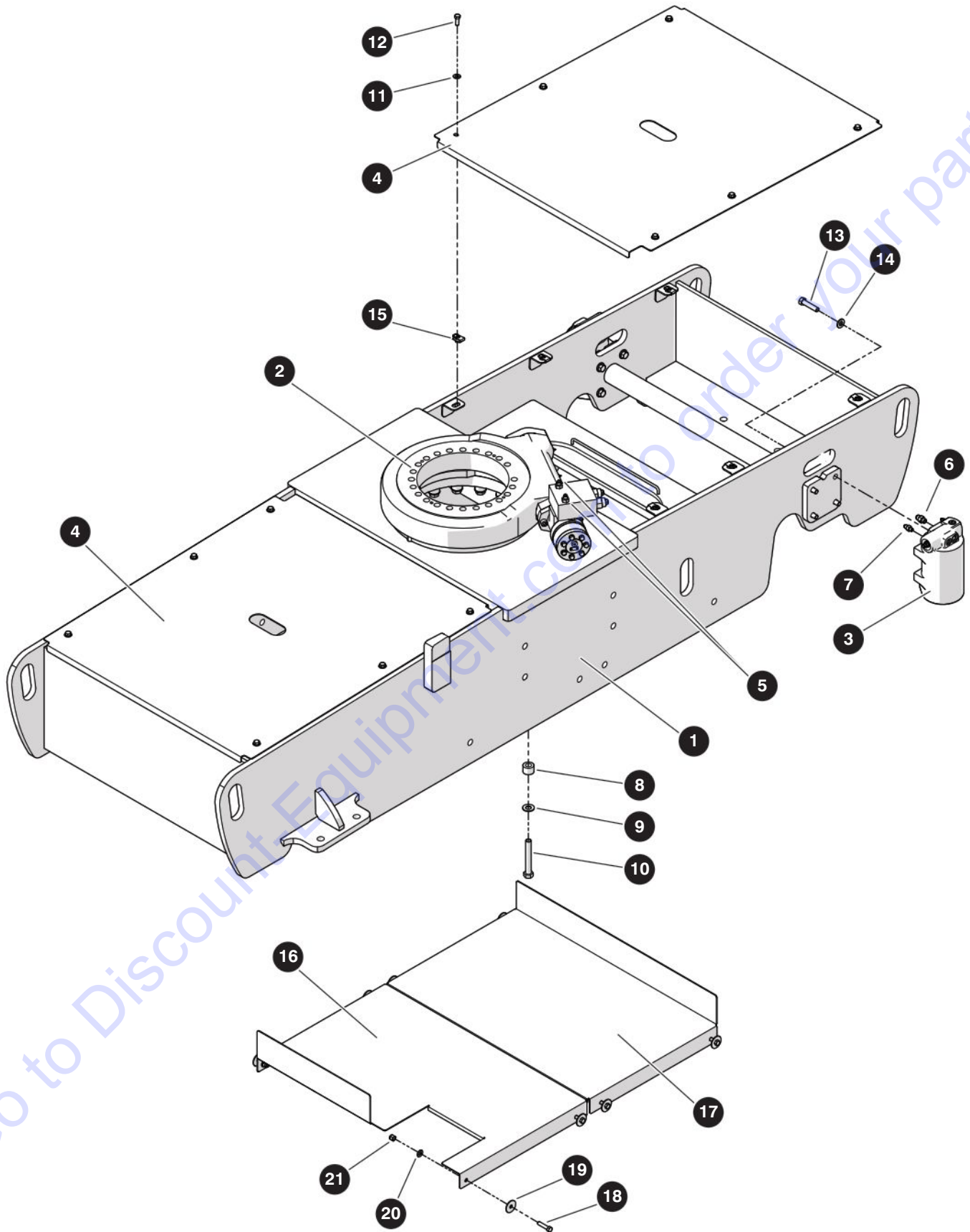
| Index No. | Skyjack Part No. | Qty. | Description                                |
|-----------|------------------|------|--|
| -         | 148613           | 1    | GREASE LINE HOSE ASSEMBLY                  |
| 1         | 139090           | 1    | • LINE, Grease                             |
| 2         | 139094           | 1    | • FITTING, Elbow 90° (1/8 NPTM - 1/8 NPTF) |
| 3         | 139095           | 1    | • FITTING, Straight (1/8 NPTF - 1/8 NPTF)  |
| 4         | 102027           | 1    | • FITTING, Straight grease (1/8 NPT)       |
| 5         | 132565           | 1    | • CAP                                      |
| 6         | 144129           | 1    | • CLIP, Single                             |
| 7         | 300437           | 1    | • BOLT, Hex head (3/8"-16 x 7/8", Grade 5) |
| 8         | 103472           | 1    | • WASHER, Flat (3/8")                      |
| 9         | 104606           | 1    | • NUT, Hex lock (3/8"-16 Grade 5, nylon)   |



# Section 5 – Base



## 5.1 Base



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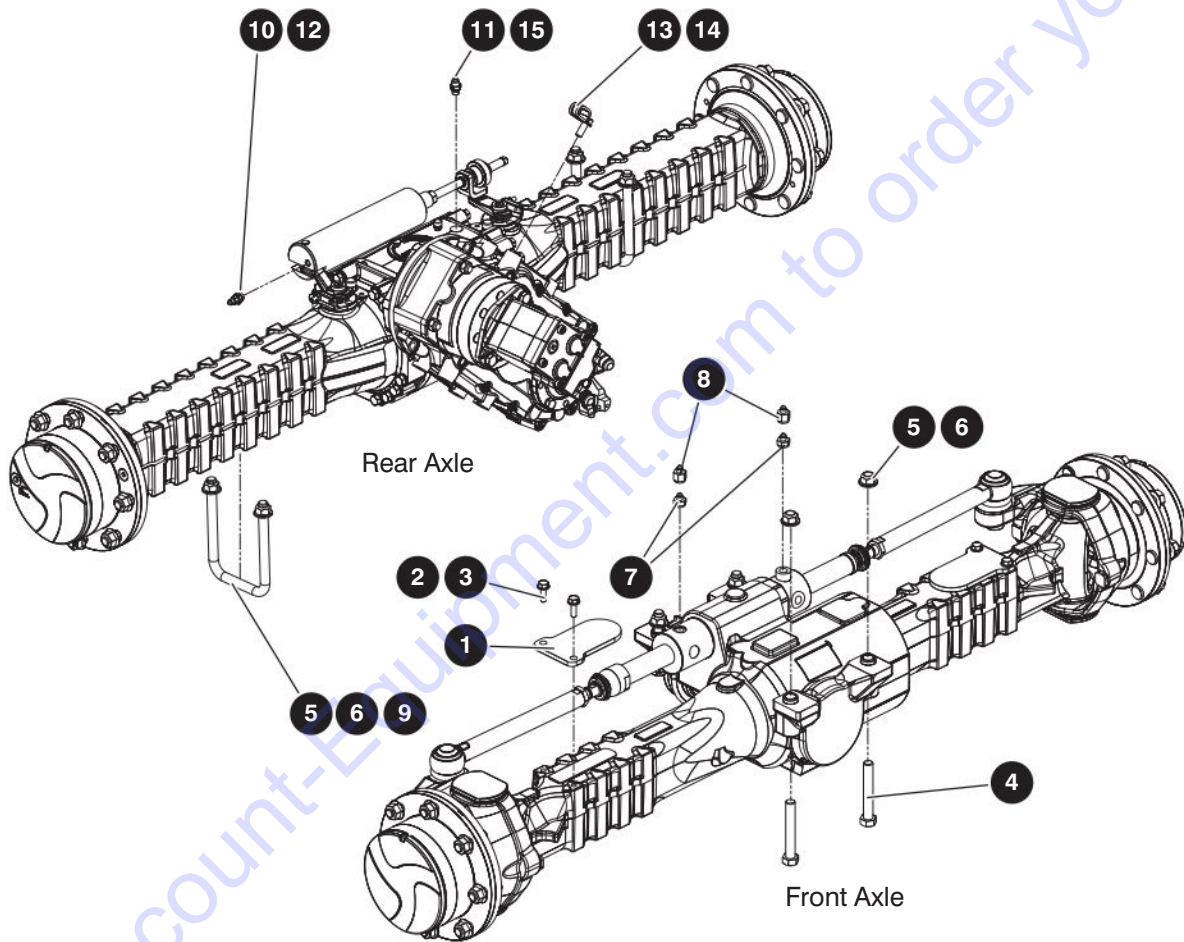
SJ45 AJ+

SKYJACK

## 5.1 Base

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 231439           | 1    | CHASSIS  |
| 1         | 210405           | 1    | • WELDMENT, Base   |
| 2         | 216673           | 1    | • GEAR, Worm   |
|           | 213546           | 1    | • • MOTOR, Hydraulic - worm gear   |
|           | 213545           | 1    | • • SEAL KIT, Worm gear  |
|           | 207357           | 1    | • • SHIM KIT, Worm gear  |
| 3         | (Ref.)           | 2    | • AXLE LOCK CYLINDER ASSEMBLY<br>(For components, refer to 3.8 Axle Lock Cylinder) |
| 4         | 161172           | 2    | • COVER, Chassis   |
| 5         | 701956           | 2    | • FITTING, Straight (04 JICM - 08 ORBM)  |
| 6         | 103069           | 2    | • FITTING, Straight (06 JICM - 06 ORBM)  |
| 7         | 126128           | 2    | • FITTING, Straight (04 JICM - 04 ORBM)  |
| 8         | 149024           | 18   | • SPACER   |
| 9         | 700782           | 18   | • WASHER, Flat hardened (5/8")   |
| 10        | 701762           | 18   | • BOLT, Hex head (5/8"-11 x 4.5", Grade 8)   |
| 11        | 103472           | 12   | • WASHER, Flat (3/8")  |
| 12        | 103473           | 12   | • BOLT, Hex head (3/8"-16 x 1.00", Grade 5)  |
| 13        | 207654           | 8    | • BOLT, Hex head patch (1/2"-13 x 2.25", Grade 8)                                  |
| 14        | 104379           | 8    | • WASHER, Flat hardened (1/2")   |
| 15        | 159294           | 8    | • NUT, Speed clip (3/8"-16)  |
| -         | 210408           | 1    | HOSE TRAY  |
| 16        | 208638           | 1    | • PLATE, Botton rear   |
| 17        | 208639           | 1    | • PLATE, Bottom front  |
| 18        | 208945           | 8    | • BOLT, Hex head (0.375"-16 x 1.625 gr 5)  |
| 19        | 127067           | 8    | • WASHER, Flat (0.375" BB)   |
| 20        | 103472           | 8    | • WASHER, Flat (0.375")  |
| 21        | 104606           | 8    | • NUT, Lock (0.375"-16 gr 5 nylon)   |

## 5.2 Axle Hardware



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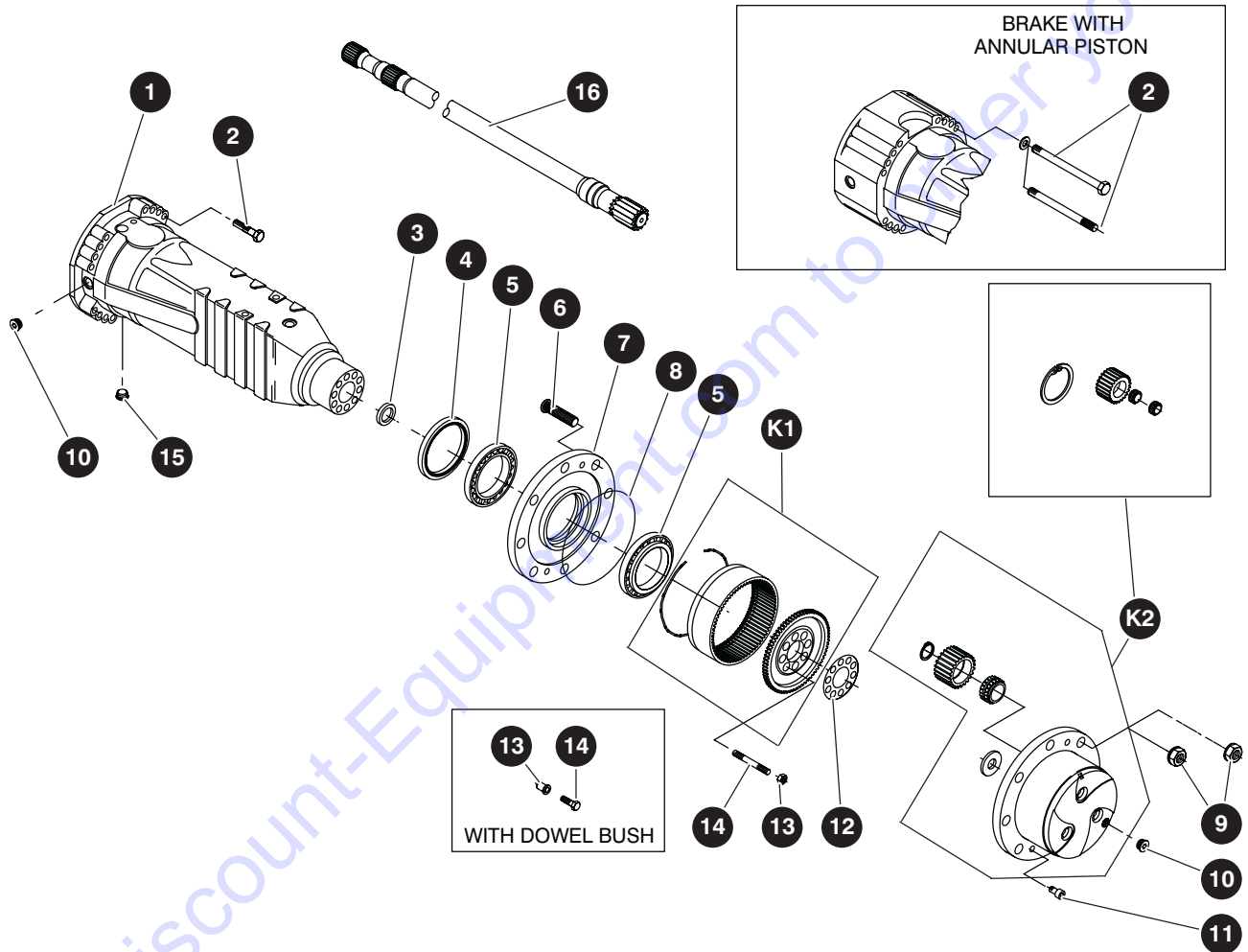
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SKYJACK

## 5.2 Axle Hardware

| Index No. | Skyjack Part No. | Qty. | Description                                   |
|-----------|------------------|------|---|
| 1         | 231407           | 2    | PLATE, Wear pad                               |
| 2         | 149419           | 4    | BOLT, Hex head (M12 x 1.75 x 25mm, Grade 8.8) |
| 3         | 104379           | 4    | WASHER, Flat hardened (1/2")                  |
| 4         | 146773           | 4    | BOLT, Hex head (3/4"-10 x 5", Grade 8)        |
| 5         | 702194           | 8    | WASHER, Flat hardened (3/4")                  |
| 6         | 700575           | 8    | NUT, Torque lock (3/4"-10, Grade C)           |
| 7         | 152304           | 2    | FITTING, Straight (08 JICM - M18 DIN 3852-1)  |
| 8         | 706812           | 2    | FITTING, Straight (08 JICF - 04 JICM)         |
| 9         | 148866           | 2    | U-BOLT, Axle mount                            |
| 10        | 144128           | 1    | FITTING, 90° (04 JICM - 04 BSPPM)             |
| 11        | 149181           | 1    | FITTING, Straight (06 JICM - M14 ISO6149)     |
| 12        | 139126           | 1    | SEAL, British bonded (04BSPPM)                |
| 13        | 152333           | 1    | CLAMP, Tube (5/8" cus double 17/32 hole)      |
| 14        | 138734           | 1    | BOLT, Hex head (M14 x 2 x 30 mm, grade 8.8)   |
| 17        | 702875           | 1    | FITTING, Straight (04JICM-04JICFS)            |

## 5.3 Rear Axle



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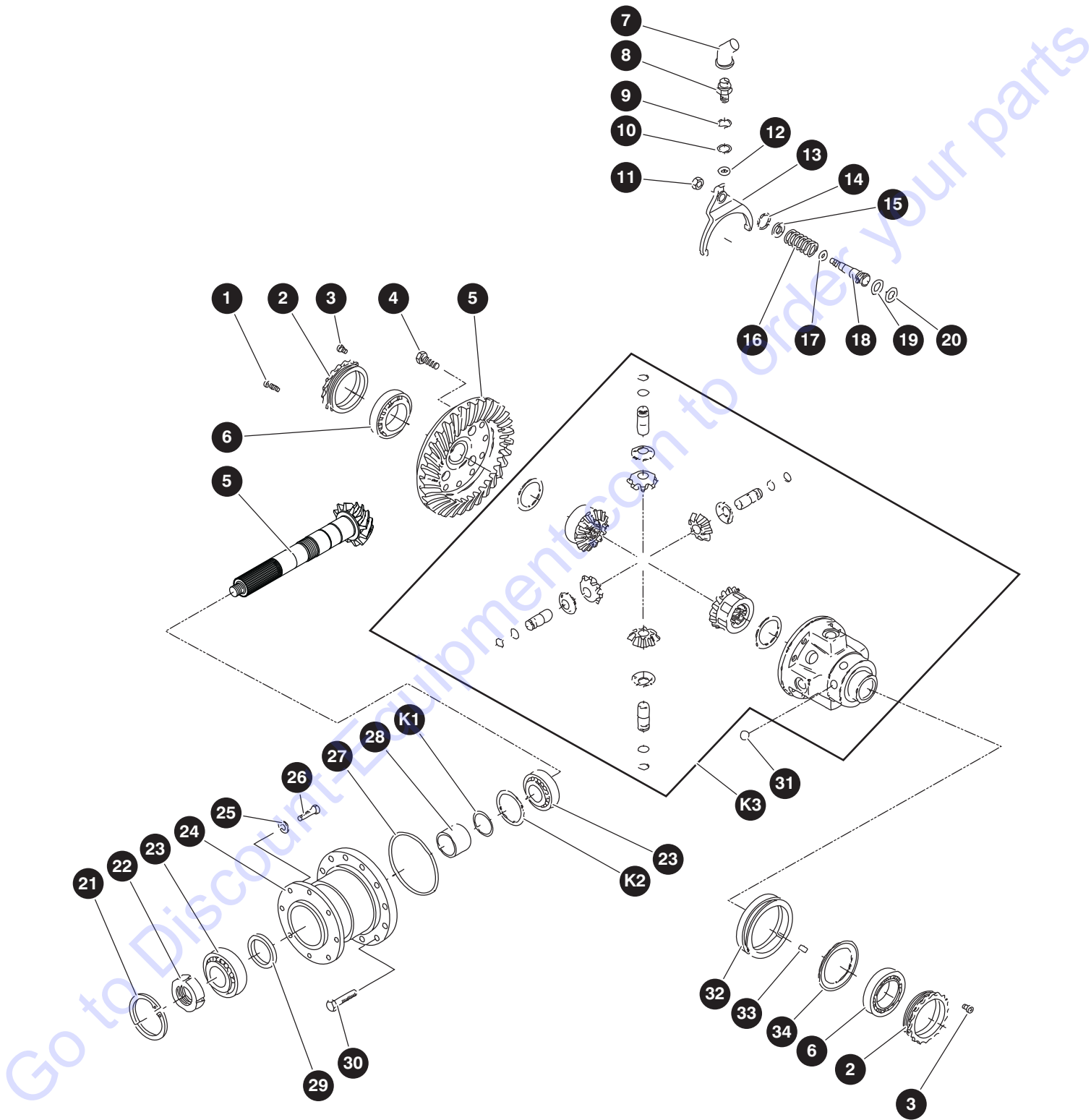
SJ45 AJ+

SKYJACK

## 5.3 Rear Axle

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 148916           | 1    | REAR AXLE ASSEMBLY (with gear box)   |
| 1         | 141078           | 2    | • CASE, Axle   |
| 2         | 141079           | 32   | • BOLT   |
| 3         | 141082           | 2    | • SEAL   |
| 4         | 141018           | 2    | • SEAL   |
| 5         | 141019           | 4    | • BEARING  |
| 6         | 141021           | 16   | • STUD, Wheel  |
| 7         | 141020           | 2    | • HUB, Wheel   |
| 8         | 140970           | 2    | • O-RING   |
| 9         | 154590           | 16   | • NUT  |
| 10        | 140969           | 4    | • PLUG   |
| 11        | 141033           | 4    | • BOLT, Countersunk  |
| 12        | 141081           | 2    | • PLATE, Locking   |
| 13        | 141027           | 16   | • NUT  |
| 14        | 141026           | 16   | • STUD   |
| 15        | 140968           | 2    | • PLUG, Magnet   |
| 16        | 141080           | 2    | • SHAFT, Half  |
| 17        | (Ref.)           | 2    | • DIFFERENTIAL ASSEMBLY<br>(For components, refer to 5.4 Differential - Rear Axle)       |
| 18        | (Ref.)           | 1    | • BRAKES - REAR AXLE<br>(For components, refer to 5.5 Brake - Rear Axle)                 |
| 19        | (Ref.)           | 1    | • CENTRAL HOUSING ASSEMBLY<br>(For components, refer to 5.6 Central Housing - Rear Axle) |
| <b>K1</b> | 141042           | 2    | KIT, Ring gear support   |
| <b>K2</b> | 141034           | 2    | KIT, Planet gear carrier   |

# 5.4 Differential - Rear Axle



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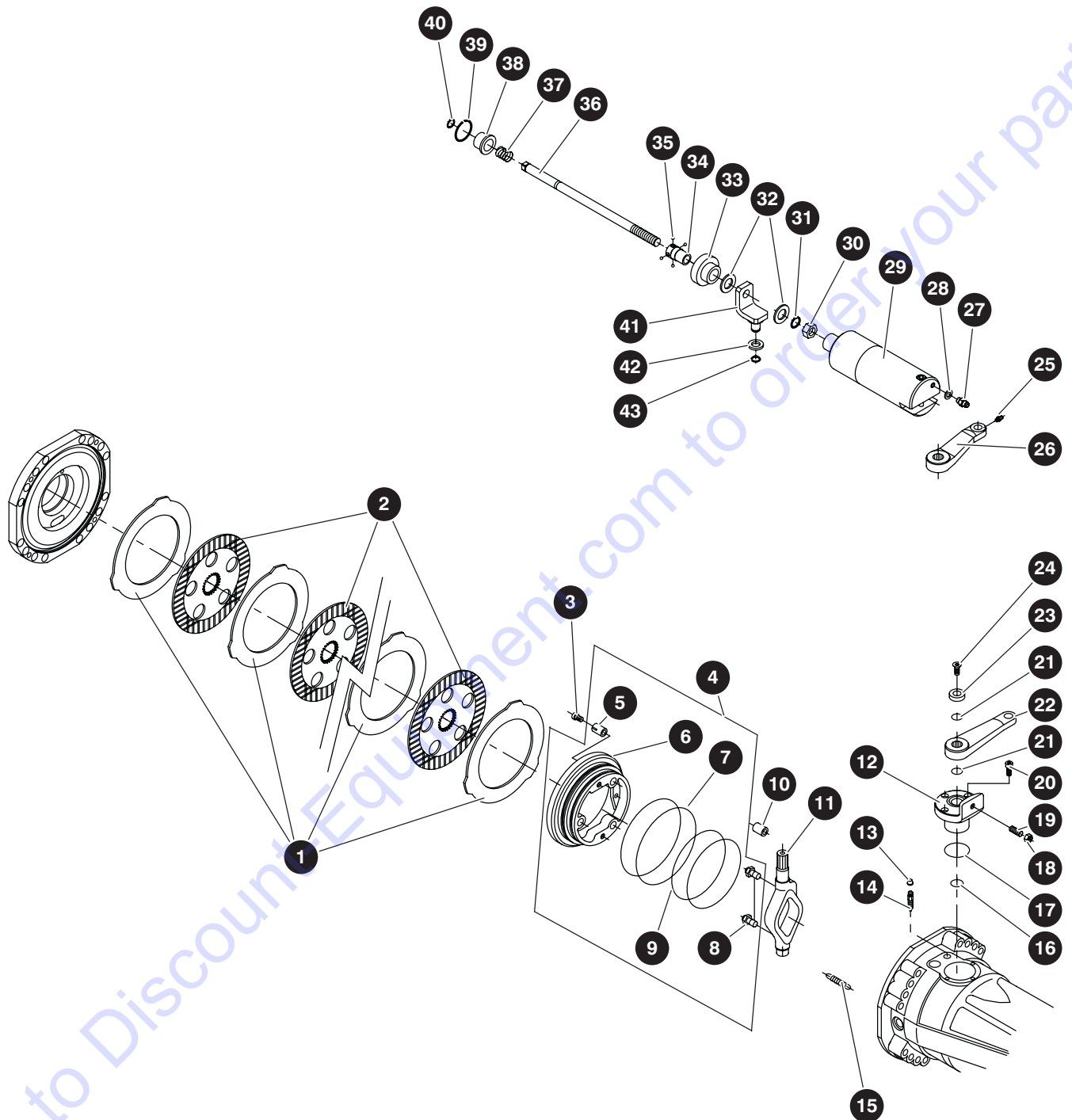
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## 5.4 Differential - Rear Axle

| Index No. | Skyjack Part No. | Qty. | Description                |
|-----------|------------------|------|----------------------------|
| 1         | 140977           | 4    | BOLT                       |
| 2         | 141068           | 2    | NUT, Ring                  |
| 3         | 151768           | 2    | BOLT                       |
| 4         | 140993           | 12   | BOLT                       |
| 5         | 141065           | 1    | GEAR SET, Bevel            |
| 6         | 140987           | 2    | BEARING, Taper roller      |
| 7         | 154576           | 1    | BOOT                       |
| 8         | 154577           | 1    | SWITCH, Security           |
| 9         | 154589           | 1    | WASHER, Seal               |
| 10        | 154578           | 1    | WASHER, Seal               |
| 11        | 154580           | 1    | NUT                        |
| 12        | 154579           | 1    | O-RING                     |
| 13        | 154588           | 1    | SELECTOR FORK              |
| 14        | 154587           | 1    | CIRCLIP                    |
| 15        | 154586           | 1    | PLUG                       |
| 16        | 154585           | 1    | SPRING                     |
| 17        | 154571           | 1    | CIRCLIP                    |
| 18        | 154584           | 1    | PISTON                     |
| 19        | 154583           | 1    | O-RING                     |
| 20        | 154575           | 1    | RING                       |
| 21        | 140966           | 1    | CIRCLIP                    |
| 22        | 140980           | 1    | RING NUT                   |
| 23        | 140984           | 2    | BEARING, Taper roller      |
| 24        | 141063           | 1    | COVER                      |
| 25        | 141075           | 8    | WASHER, Spring             |
| 26        | 141076           | 8    | BOLT, Hexagon              |
| 27        | 141064           | 1    | O-RING                     |
| 28        | 141062           | 1    | SPACER                     |
| 29        | 141074           | 1    | SEAL                       |
| 30        | 141072           | 12   | BOLT, Hexagon              |
| 31        | 154574           | 6    | BALL, Detent               |
| 32        | 154582           | 1    | SELECTOR                   |
| 33        | 154572           | 1    | KEY                        |
| 34        | 154581           | 1    | SHEET                      |
| <b>K1</b> | 140982           | 1    | KIT, Shim                  |
| <b>K2</b> | 140983           | 1    | KIT, Shim                  |
| <b>K3</b> | 154573           | 1    | KIT, Differential position |

## 5.5 Brake - Rear Axle



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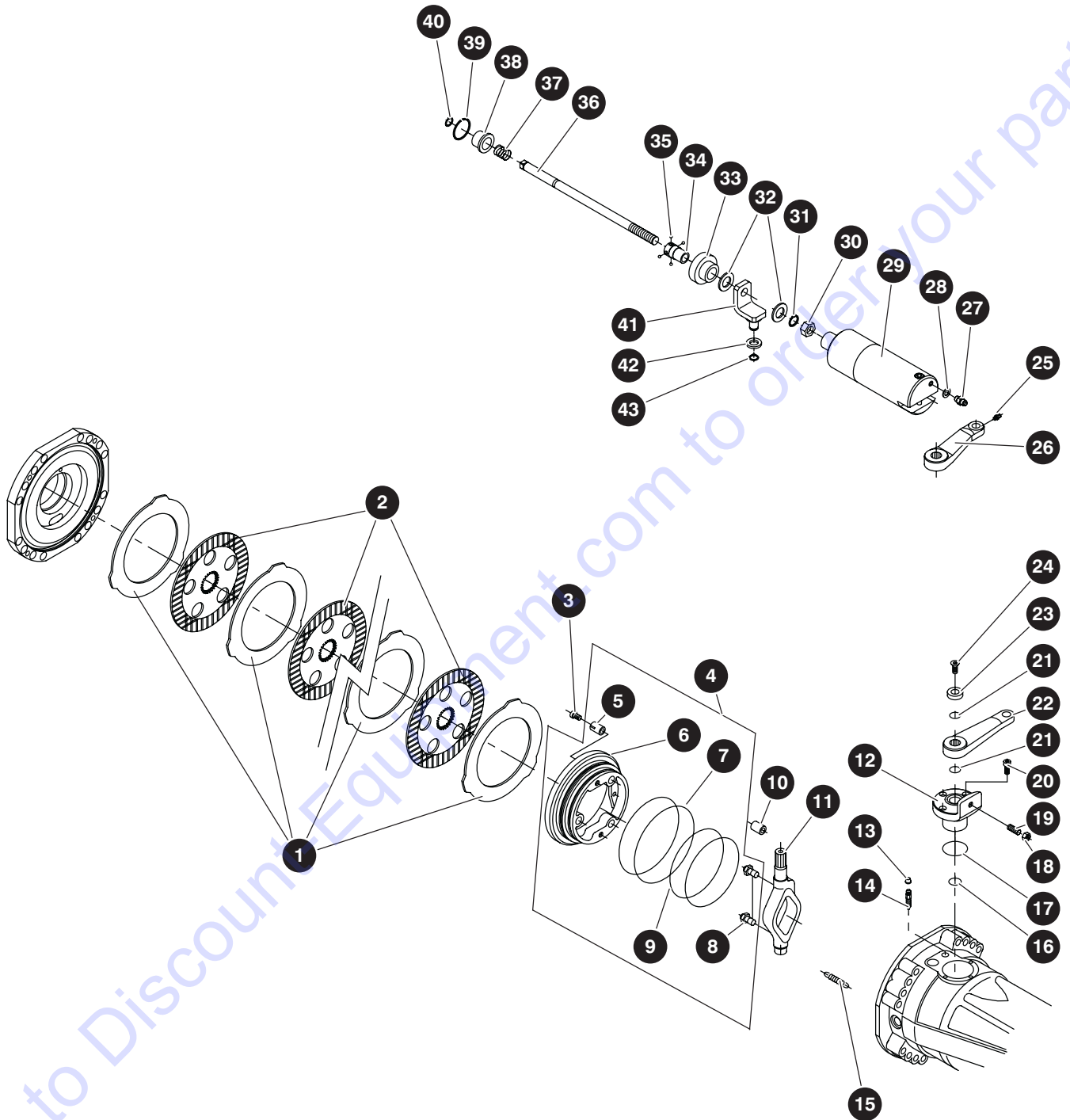
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## 5.5 Brake - Rear Axle

| Index No. | Skyjack Part No. | Qty. | Description                             |
|-----------|------------------|------|---|
| 1         | 141096           | 10   | BRAKE DISC, Intermediate                |
| 2         | 141108           | 8    | DISC, Brake                             |
| 3         | 141097           | 6    | BOLT, Adjusting                         |
| 4         | 151757           | 1    | PISTON <b>(Right)</b>                   |
|           | 151758           | 1    | PISTON <b>(Left)</b>                    |
| 5         | 141098           | 3    | • SPRING                                |
| 6         | 141109           | 1    | • PISTON <b>(Right)</b>                 |
|           | 141099           | 1    | • PISTON <b>(Left)</b>                  |
| 7         | 141101           | 1    | • O-RING                                |
| 8         | 151759           | 2    | • PUSHER                                |
| 9         | 141107           | 1    | • O-RING                                |
| 10        | 141102           | 2    | DOWEL                                   |
| 11        | 141085           | 1    | LEVER <b>(Right)</b>                    |
|           | 141103           | 1    | LEVER <b>(Left)</b>                     |
| 12        | 141089           | 2    | BUSHING, Reduction                      |
| 13        | 141006           | 2    | PLUG                                    |
| 14        | 141086           | 2    | BOLT, Bleeding                          |
| 15        | 141104           | 6    | SPRING                                  |
| 16        | 141129           | 2    | O-RING                                  |
| 17        | 141088           | 2    | O-RING                                  |
| 18        | 141091           | 2    | NUT                                     |
| 19        | 141090           | 2    | BOLT                                    |
| 20        | 141087           | 6    | BOLT                                    |
| 21        | 141092           | 2    | O-RING                                  |
| 22        | 141093           | 1    | LEVER                                   |
| 23        | 141094           | 2    | WASHER                                  |
| 24        | 141095           | 2    | BOLT, Countersunk                       |
| 25        | 141112           | 1    | FITTING, Grease                         |
| 26        | 141110           | 1    | LEVER                                   |
| 27        | 139126           | 1    | SEAL, British bonded                    |
| 28        | 149195           | 1    | FITTING, Elbow 90° (04 JICM - 04 BSPPM) |
| 29        | 141123           | 1    | CYLINDER, Wheel                         |
| 30        | 141122           | 1    | NUT                                     |
| 31        | 141121           | 1    | CIRCLIP                                 |
| 32        | 141113           | 2    | WASHER                                  |
| 33        | 141119           | 1    | BUSHING, Reduction                      |
| 34        | 141124           | 1    | BUSHING, Reduction                      |
| 35        | 141118           | 4    | BALL, Detend                            |
| 36        | 141117           | 1    | CAM, Brake                              |
| 37        | 141116           | 1    | SPRING                                  |
| 38        | 141115           | 1    | BUSHING, Reduction                      |

## 5.5 Brake - Rear Axle



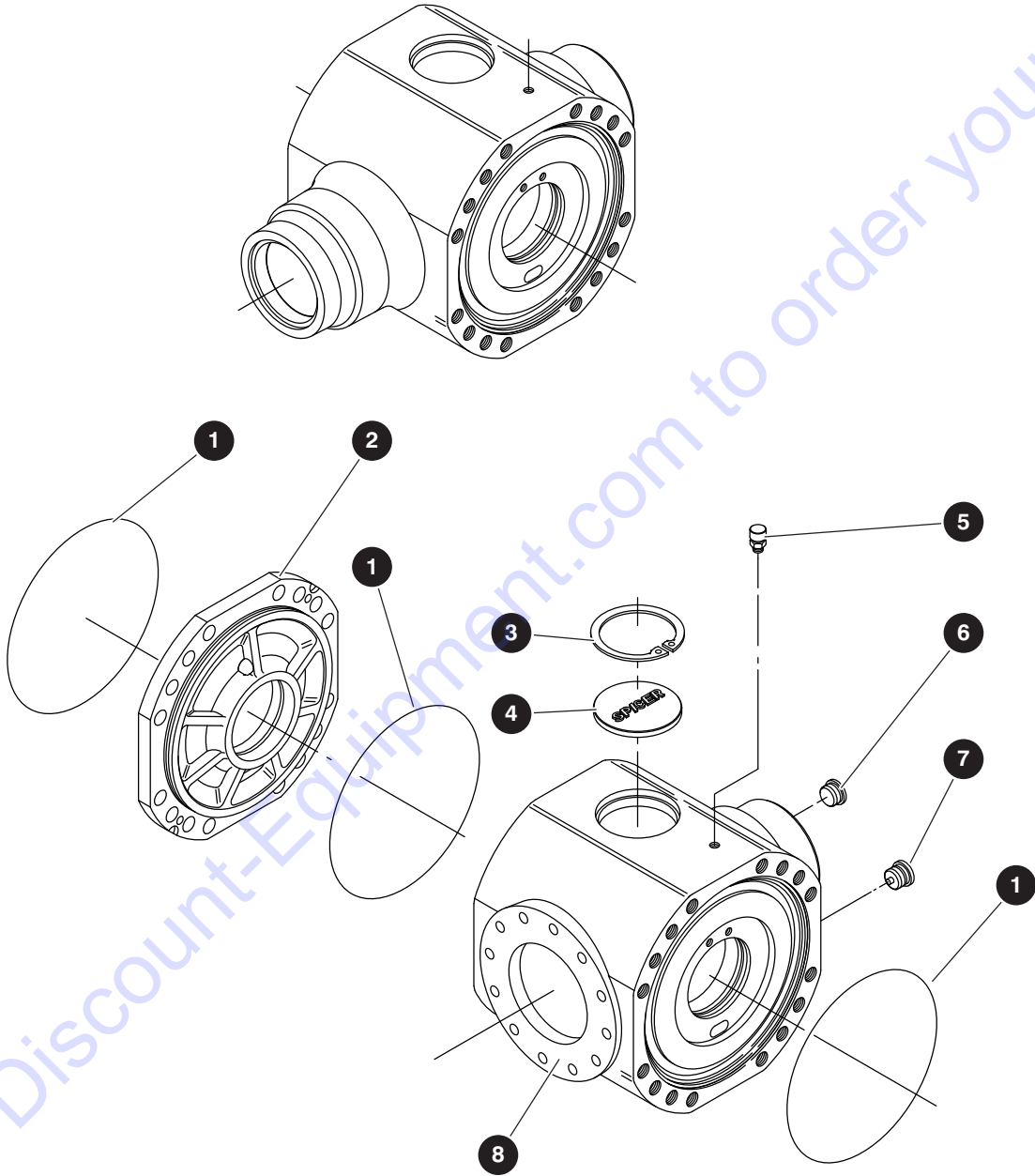
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## 5.5 Brake - Rear Axle

| Index No. | Skyjack Part No. | Qty. | Description                            |
|-----------|------------------|------|--|
| 39        | 141114           | 1    | RING, Snap                             |
| 40        | 141111           | 1    | CIRCLIP                                |
| 41        | 141120           | 1    | SUPPORT                                |
| 42        | 141126           | 1    | SPACER                                 |
| 43        | 141125           | 1    | CIRCLIP                                |
| <b>K1</b> | 408688           | 1    | KIT, Seal (Brake cylinder) (Not Shown) |

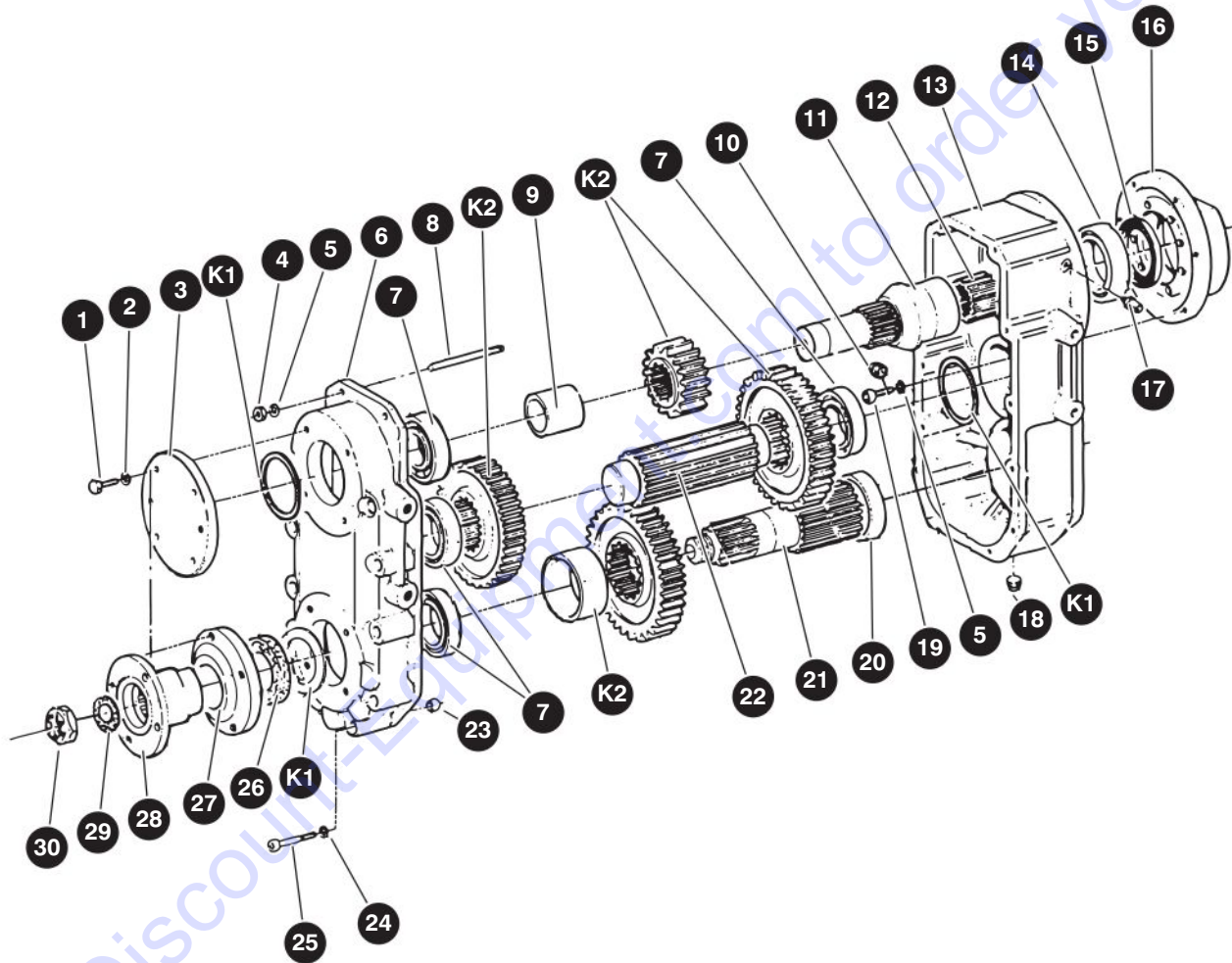
## 5.6 Central Housing - Rear Axle



## 5.6 Central Housing - Rear Axle

| Index No. | Skyjack Part No. | Qty. | Description                 |
|-----------|------------------|------|-----------------------------|
| -         | 154602           | 1    | CENTRAL HOUSING - Rear Axle |
| 1         | 140970           | 3    | • O-RING                    |
| 2         | 141054           | 1    | • COVER, Intermediate       |
| 3         | 140966           | 1    | • CIRCLIP                   |
| 4         | 140967           | 1    | • PLUG                      |
| 5         | 141059           | 1    | • VENT                      |
| 6         | 140969           | 1    | • PLUG                      |
| 7         | 140968           | 1    | • PLUG, Magnet              |
| 8         | 154570           | 1    | • HOUSING                   |

## 5.7 Gear Box - Rear Axle

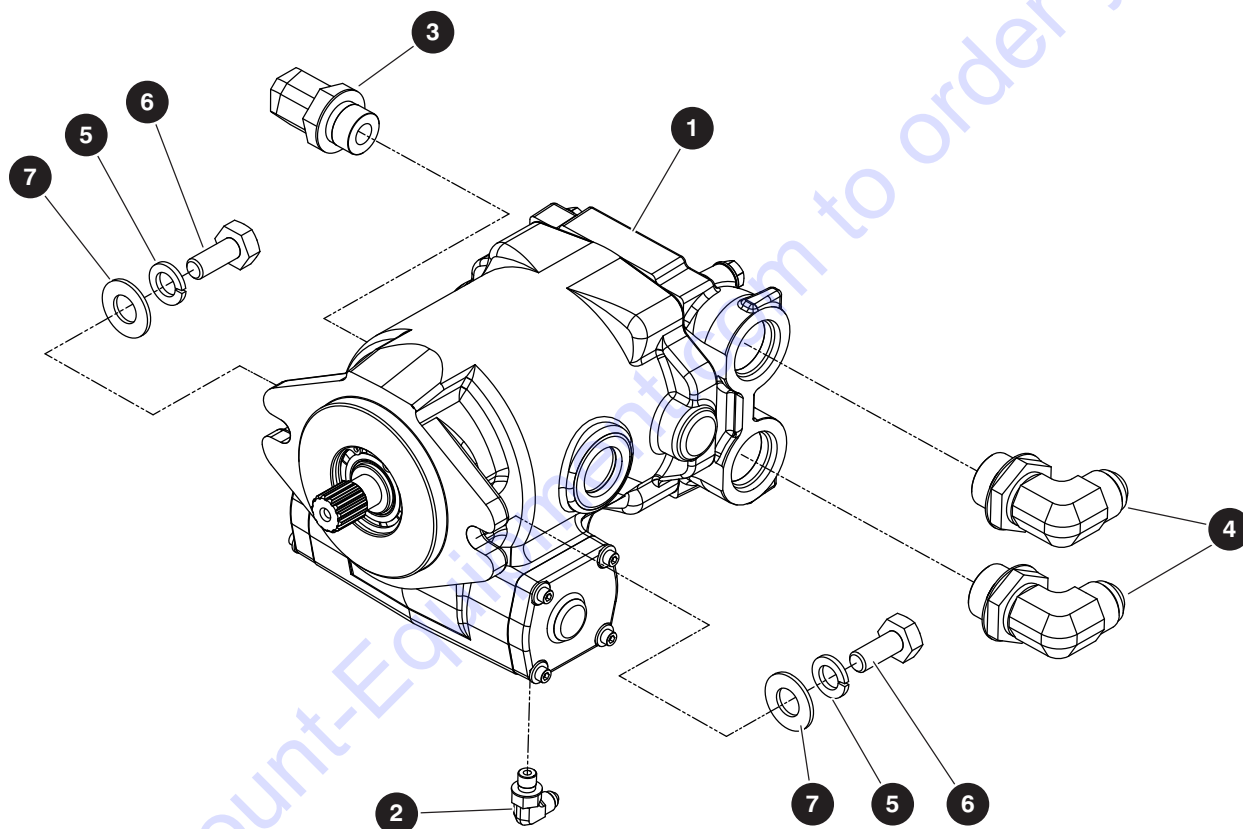




## 5.7 Gear Box - Rear Axle

| Index No. | Skyjack Part No. | Qty. | Description          |
|-----------|------------------|------|----------------------|
| -         | 154591           | 1    | BOX, Gear            |
| 1         | 141072           | 4    | • BOLT, Hex          |
| 2         | 141373           | 4    | • WASHER, Spring     |
| 3         | 154592           | 1    | • COVER              |
| 4         | 141363           | 2    | • NUT                |
| 5         | 141364           | 4    | • WASHER, Spring     |
| 6         | 154593           | 1    | • HOUSING            |
| 7         | 141137           | 3    | • BEARING, Ball      |
| 8         | 141367           | 2    | • STUD               |
| 9         | 141378           | 1    | • SPACER             |
| 10        | 141143           | 1    | • PLUG               |
| 11        | 154594           | 2    | • SHAFT, Input       |
| 12        | 154595           | 2    | • BUSHING            |
| 13        | 154596           | 1    | • COVER              |
| 14        | 141366           | 1    | • BEARING, Ball      |
| 15        | 141370           | 1    | • SEAL               |
| 16        | 141371           | 1    | • COVER              |
| 17        | 141134           | 1    | • VENT               |
| 18        | 141144           | 1    | • PLUG, Magnet       |
| 19        | 141383           | 4    | • BOLT               |
| 20        | 141375           | 1    | • SPACER             |
| 21        | 141376           | 1    | • SHAFT, Output      |
| 22        | 141377           | 1    | • SHAFT              |
| 23        | 141379           | 2    | • BUSHING, Reduction |
| 24        | 141380           | 10   | • WASHER, Spring     |
| 25        | 141381           | 10   | • BOLT               |
| 26        | 141149           | 1    | • SEAL               |
| 27        | 141374           | 1    | • COVER              |
| 28        | 141151           | 1    | • FLANGE             |
| 29        | 141152           | 1    | • O-RING             |
| 30        | 141372           | 1    | • NUT                |
| <b>K1</b> | 140994           | 2    | KIT, Shim            |
| <b>K2</b> | 141385           | 1    | KIT, Gear            |

## 5.8 Drive Motor



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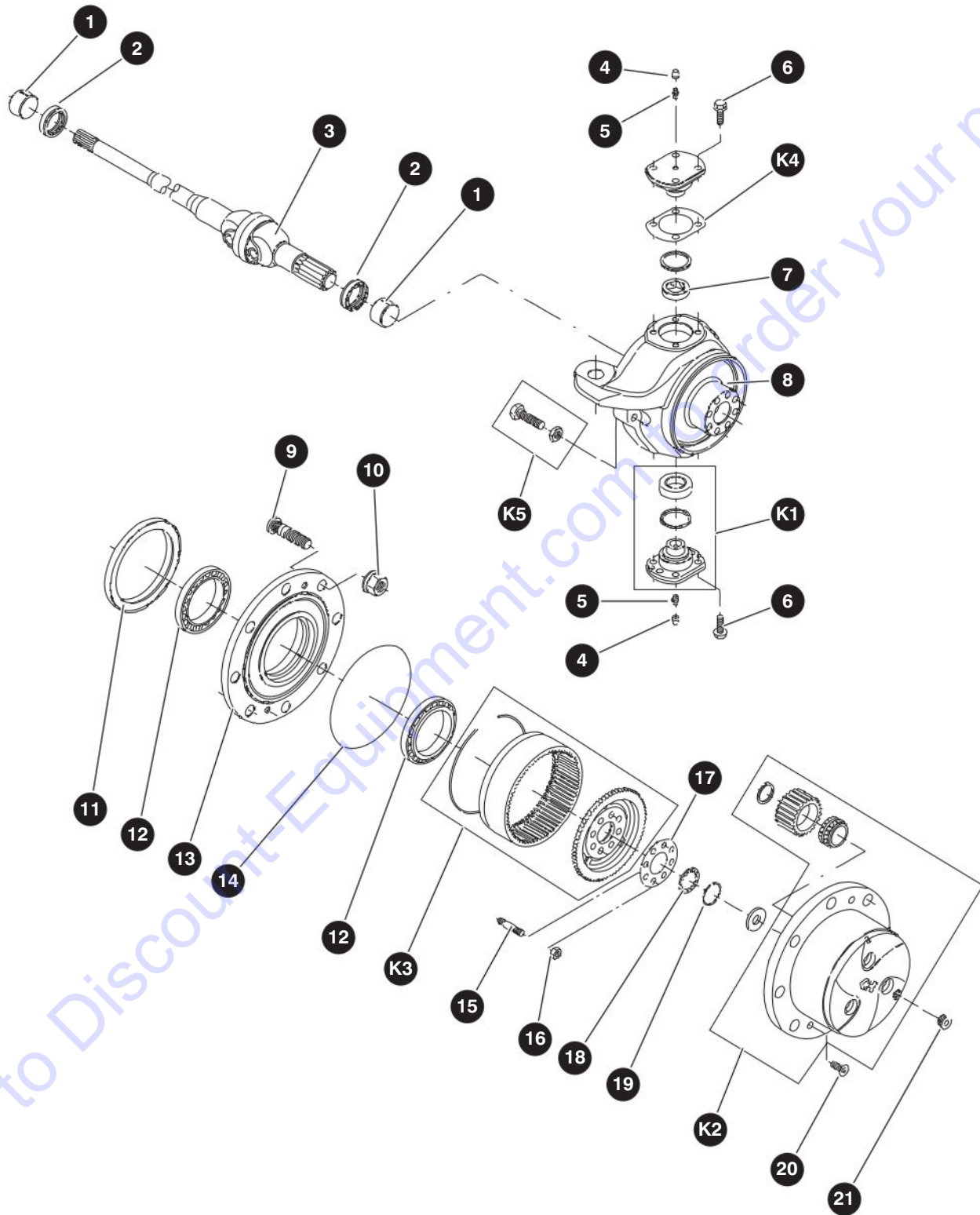
SJ45 AJ+

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## 5.8 Drive Motor

| Index No. | Skyjack Part No. | Qty. | Description                                      |
|-----------|------------------|------|--|
| -         | 161762           | 1    | DRIVE MOTOR ASSEMBLY                             |
| 1         | 161964           | 1    | • MOTOR, Hydraulic drive                         |
| 2         | 125883           | 1    | • FITTING, Elbow, 90° (04 JICM - 04 ORBM)        |
| 3         | 112366           | 1    | • FITTING, Elbow, 90° (08 JICM - 12 ORBM)        |
| 4         | 710124           | 2    | • FITTING, Elbow, 90° (12 JICM - 16 ORBM)        |
| 5         | 138738           | 2    | • WASHER, Lock (M14)                             |
| 6         | 138734           | 2    | • BOLT, Hex head (M14 x 2 x 30mm, ZP, Grade 8.8) |
| 7         | 700782           | 2    | • WASHER, Flat hardened (5/8")                   |

## 5.9 Front Axle



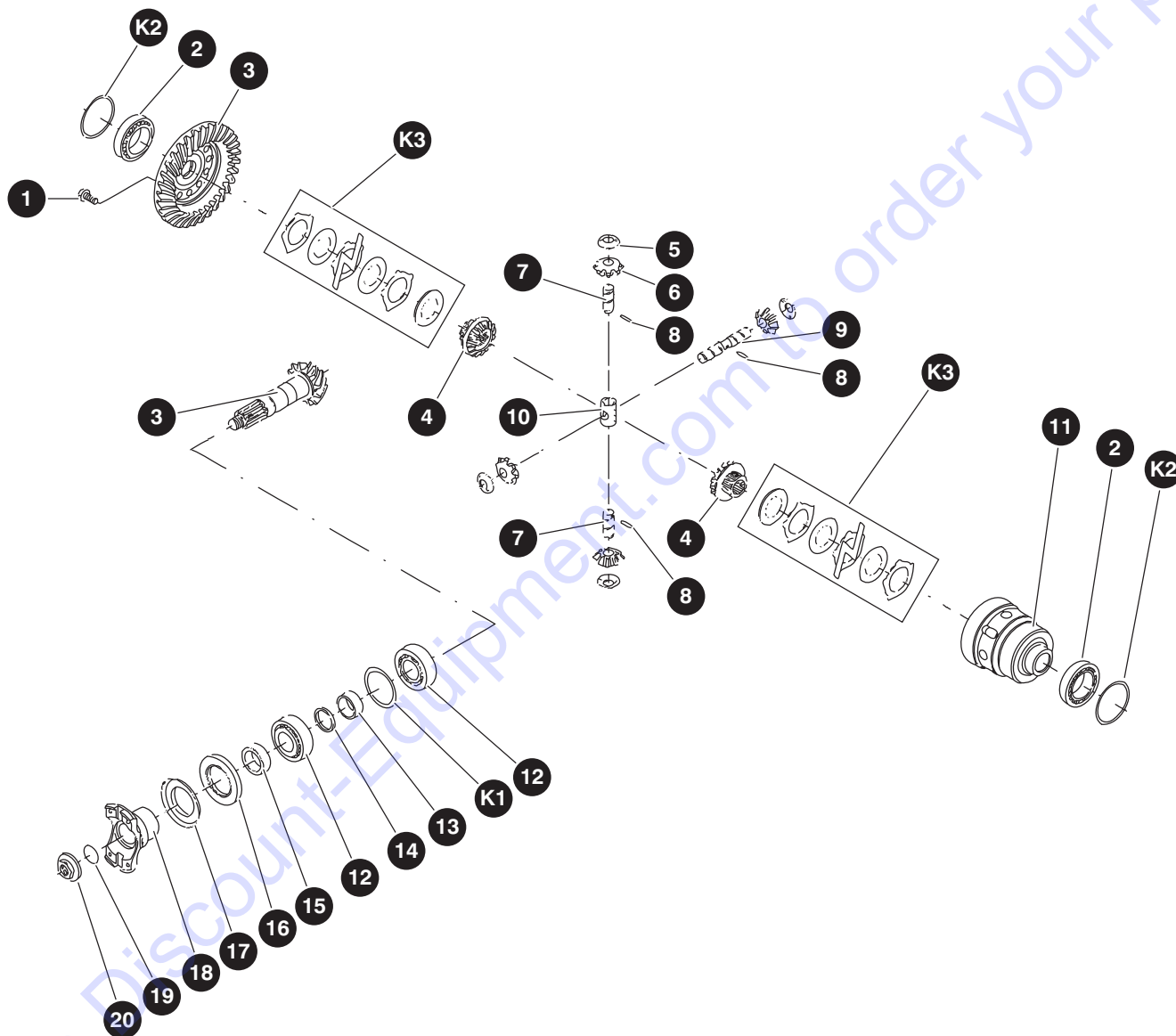
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## 5.9 Front Axle

| Index No. | Skyjack Part No. | Qty. | Description                 |
|-----------|------------------|------|-----------------------------|
| -         | 218895           | 1    | FRONT AXLE ASSEMBLY         |
| 1         | TBD              | 2    | • BUSHING, Thrust           |
| 2         | TBD              | 4    | • SEAL                      |
| 3         | TBD              | 2    | • JOINT                     |
| 4         | TBD              | 4    | • PLUG                      |
| 5         | TBD              | 4    | • FITTING, Grease           |
| 6         | TBD              | 20   | • BOLT                      |
| 7         | TBD              | 2    | • BUSHING                   |
| 8         | TBD              | 1    | • CASE, Steering (Left)     |
|           | TBD              | 1    | • CASE, Steering (Right)    |
| 9         | TBD              | 16   | • STUD, Wheel               |
| 10        | TBD              | 16   | • NUT                       |
| 11        | TBD              | 2    | • SEAL                      |
| 12        | TBD              | 4    | • BEARING                   |
| 13        | TBD              | 2    | • HUB, Wheel                |
| 14        | TBD              | 2    | • O-RING                    |
| 15        | TBD              | 16   | • STUD                      |
| 16        | TBD              | 16   | • NUT                       |
| 17        | TBD              | 2    | • PLATE, Locking            |
| 18        | TBD              | 2    | • SPACER                    |
| 19        | TBD              | 2    | • CIRCLIP                   |
| 20        | TBD              | 4    | • BOLT, Countersunk         |
| 21        | TBD              | 2    | • PLUG                      |
| <b>K1</b> | TBD              | 2    | • KIT, Pivot pin            |
| <b>K2</b> | TBD              | 2    | • KIT, Planet gear carrier  |
| <b>K3</b> | TBD              | 2    | • KIT, Ring gear support    |
| <b>K4</b> | TBD              | 2    | • KIT, Shim                 |
| <b>K5</b> | TBD              | 4    | • KIT, Steering adjust bolt |

## 5.10 Differential - Front Axle



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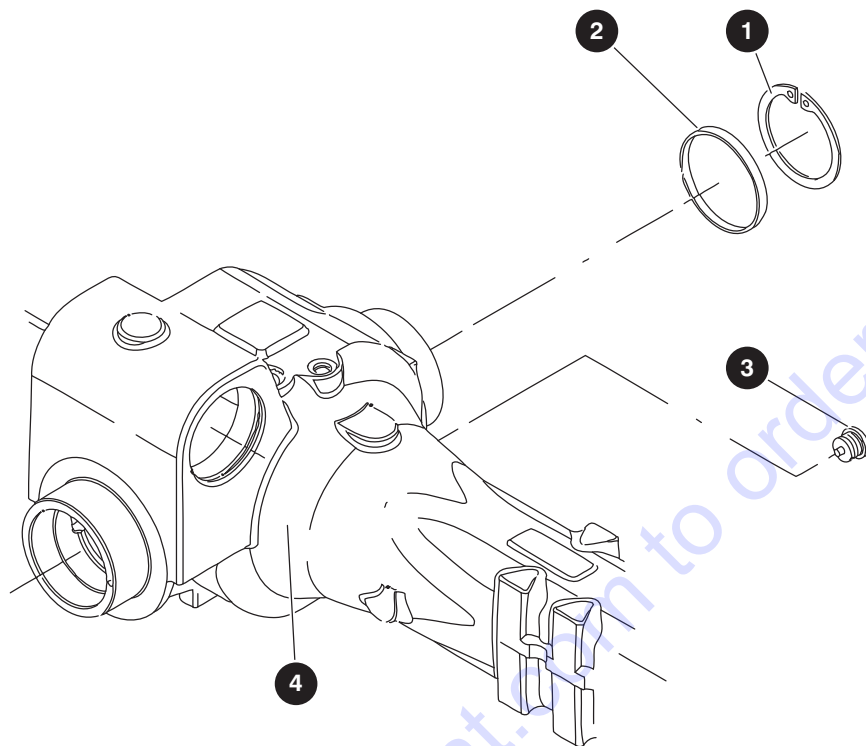
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## 5.10 Differential - Front Axle

| Index No. | Skyjack Part No. | Qty. | Description            |
|-----------|------------------|------|------------------------|
| 1         | TBD              | 12   | BOLT                   |
| 2         | TBD              | 2    | BEARING, Taper roller  |
| 3         | TBD              | 1    | GEAR SET, Bevel        |
| 4         | TBD              | 2    | DIFFERENTIAL SIDE GEAR |
| 5         | TBD              | 4    | WASHER, Friction       |
| 6         | TBD              | 4    | DIFFERENTIAL PINION    |
| 7         | TBD              | 2    | PIN                    |
| 8         | TBD              | 3    | DOWEL                  |
| 9         | TBD              | 1    | PIN                    |
| 10        | TBD              | 1    | SHAFT RETAINER         |
| 11        | TBD              | 1    | DIFFERENTIAL CARRIER   |
| 12        | TBD              | 2    | BEARING                |
| 13        | TBD              | 1    | SPACER                 |
| 14        | TBD              | 1    | RING                   |
| 15        | TBD              | 1    | SPACER                 |
| 16        | TBD              | 1    | SEAL                   |
| 17        | TBD              | 1    | COVER PLATE            |
| 18        | TBD              | 1    | FLANGE                 |
| 19        | TBD              | 1    | O-RING                 |
| 20        | TBD              | 1    | NUT                    |
| <b>K1</b> | TBD              | 1    | KIT, Shim              |
| <b>K2</b> | TBD              | 2    | KIT, Shim              |
| <b>K3</b> | TBD              | 2    | KIT, Clutch disc       |

## 5.11 Central Housing - Front Axle

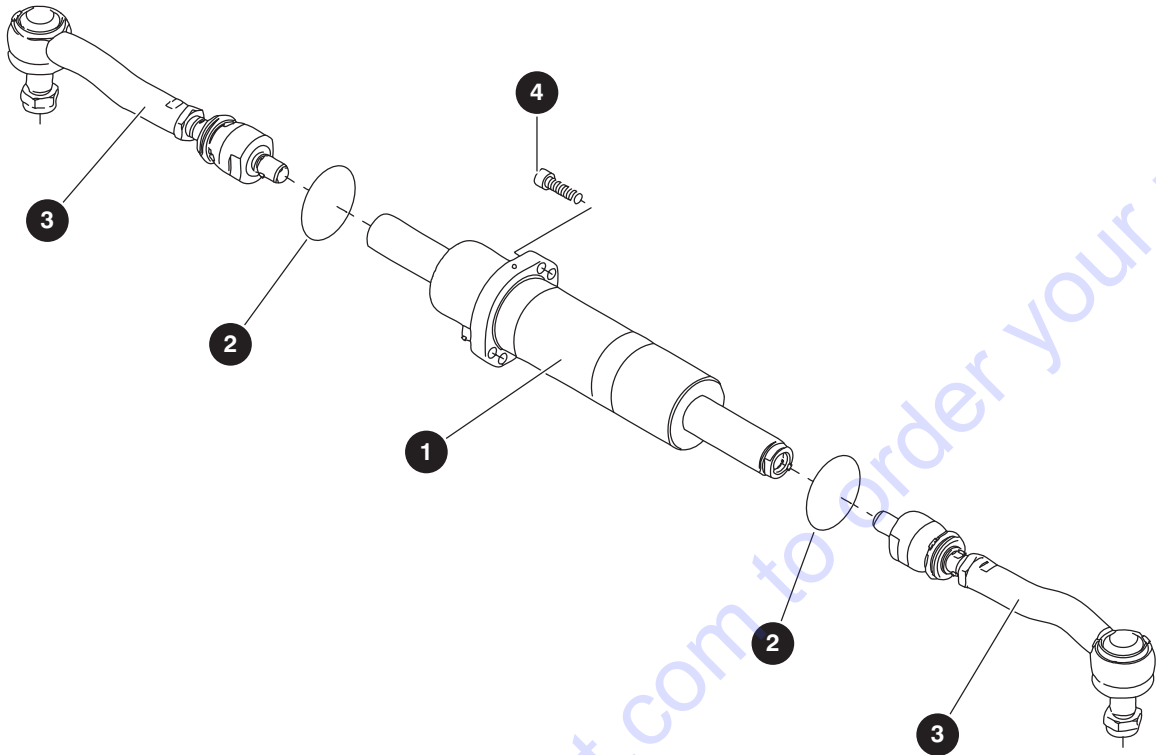


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| Index No. | Skyjack Part No. | Qty. | Description              |
|-----------|------------------|------|--------------------------|
| -         | 154599           | 1    | CENTRAL HOUSING ASSEMBLY |
| 1         | 140966           | 1    | • CIRCLIP                |
| 2         | 140967           | 1    | • PLUG                   |
| 3         | 154600           | 1    | • PLUG, Magnet           |
| 4         | 154601           | 1    | CASE, Axle               |



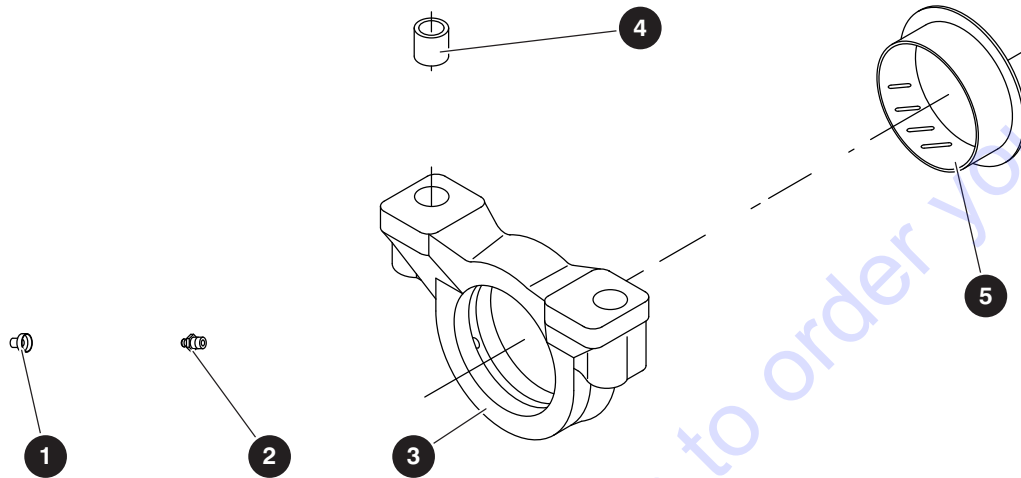
# 5.12 Steering Assembly



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| Index No. | Skyjack Part No. | Qty. | Description                            |
|-----------|------------------|------|--|
| -         | 154640           | 1    | STEERING ASSEMBLY                      |
| 1         | 154641           | 1    | • CYLINDER                             |
| 2         | 154642           | 4    | • RING                                 |
| 3         | 154643           | 2    | • TIE ROD, Articulated                 |
| 4         | 154644           | 4    | • BOLT                                 |
| K         | 168050           | 1    | KIT, Seal (Steer Cylinder) (not shown) |

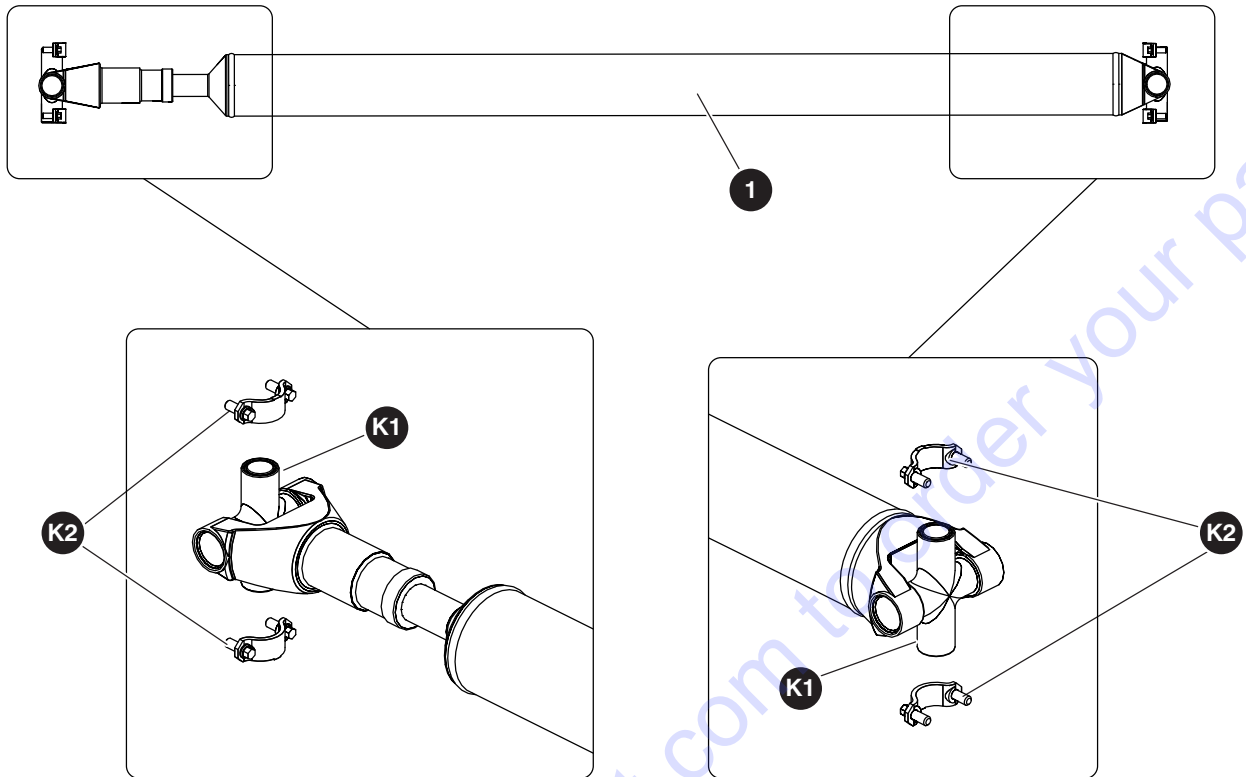
## 5.13 Trunnion - Front Axle



M148701AA\_T

| Index No. | Skyjack Part No. | Qty. | Description          |
|-----------|------------------|------|----------------------|
| -         | 154647           | 2    | SUPPORT              |
| 1         | 141006           | 2    | • PLUG               |
| 2         | 141014           | 2    | • FITTING, Grease    |
| 3         | 154646           | 2    | • SUPPORT            |
| 4         | 141048           | 4    | • BUSHING, Reduction |
| 5         | 154645           | 2    | • BUSHING, Thrust    |

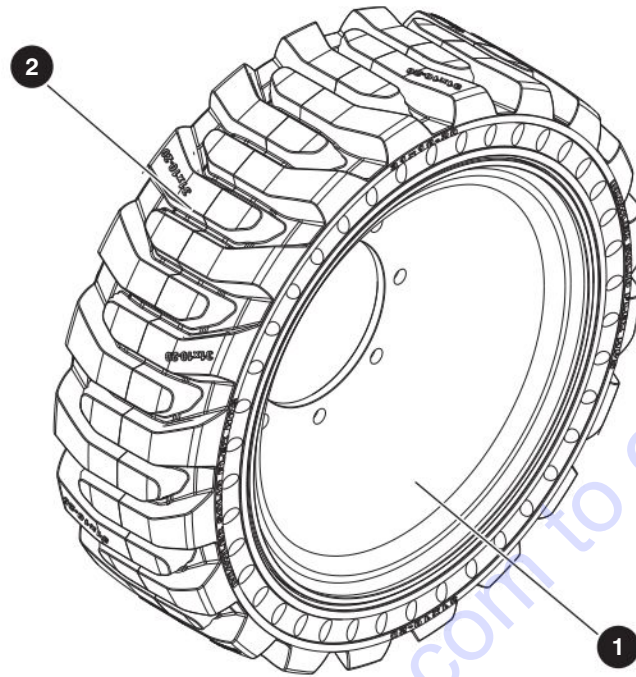
## 5.14 Drive Shaft



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| Index No. | Skyjack Part No. | Qty. | Description        |
|-----------|------------------|------|--------------------|
| 1         | 148962           | 1    | SHAFT, Drive       |
| <b>K1</b> | 216872           | 2    | U-JOINT            |
| <b>K2</b> | 138731           | 2    | STRAP KIT, U-joint |

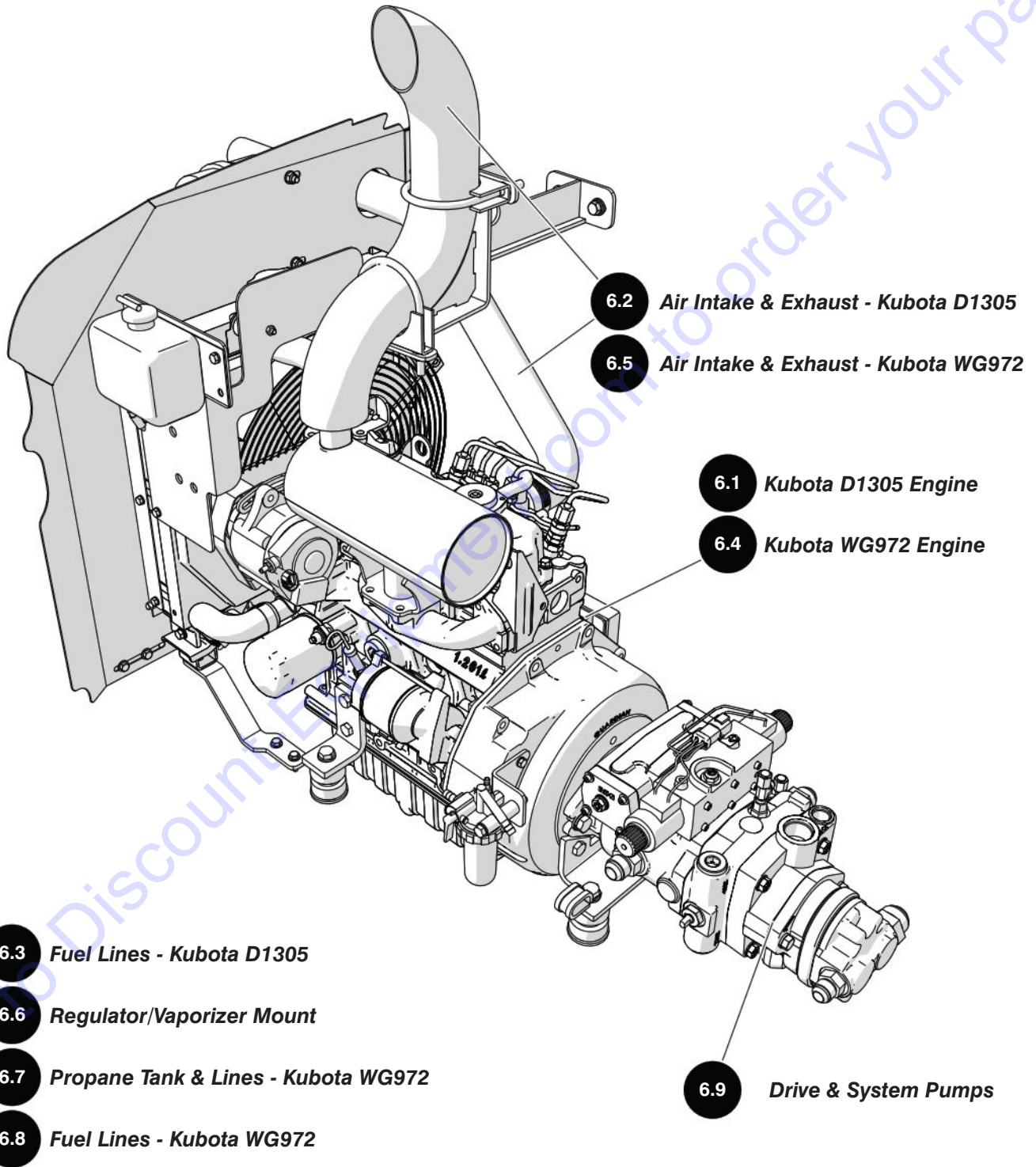
## 5.15 Tires



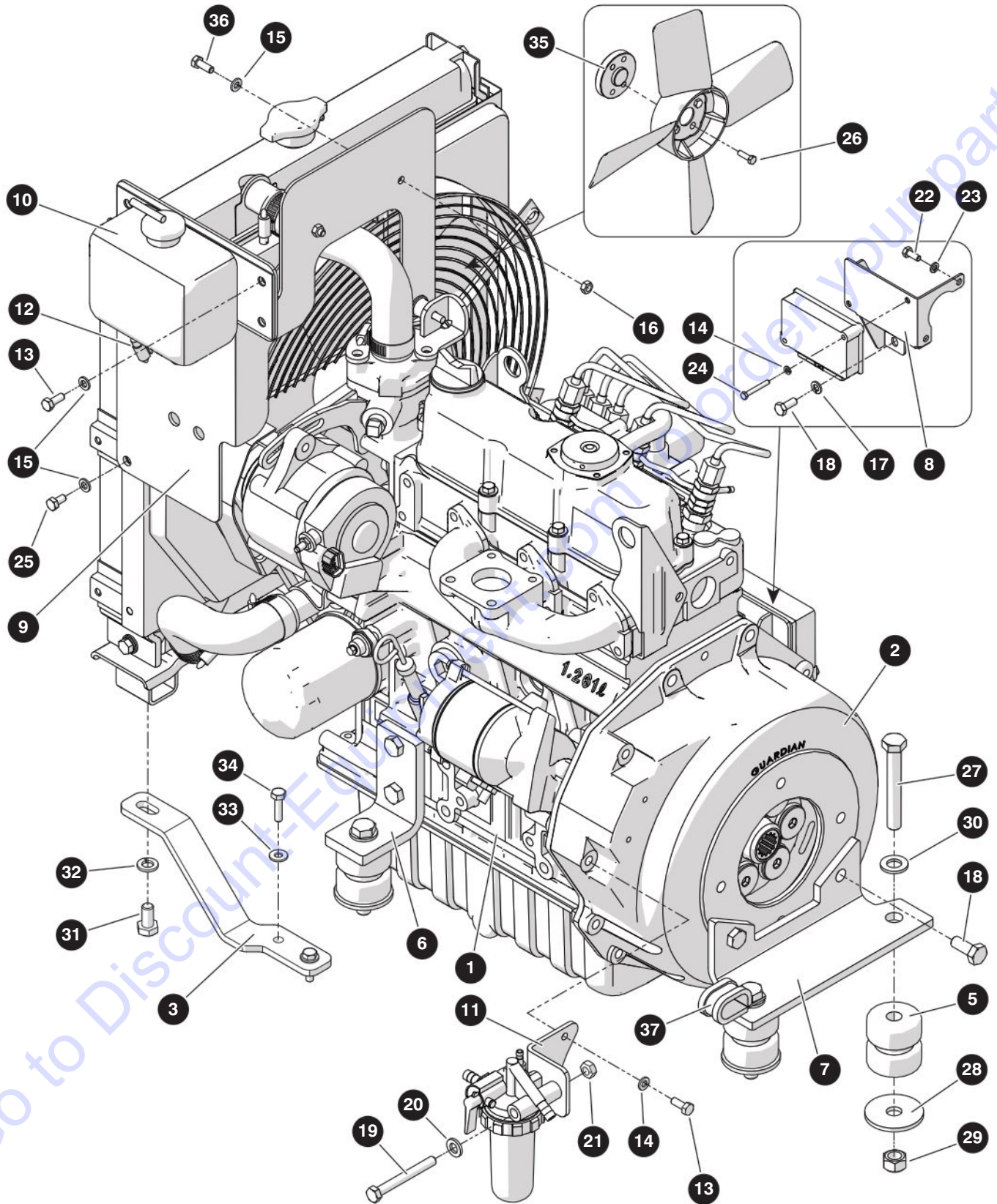
M222306AA

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| <b>A</b>  | 222306           | 2    | WHEEL ASSEMBLY, Left hand - <b>Solid</b>               |
|           | 222307           | 2    | WHEEL ASSEMBLY, Right hand - <b>Solid</b>              |
| <b>B</b>  | 222078           | 2    | WHEEL ASSEMBLY, Left hand - <b>Solid, Non-marking</b>  |
|           | 222079           | 2    | WHEEL ASSEMBLY, Right hand - <b>Solid, Non-marking</b> |
| 1         | 215993           | 1    | • RIM (7-1/2 " x 20", 2-1/2" offset)                   |
| 2         | 215998           | 1    | • TIRE, Brawler solid (31 x 10-20), <b>A</b>           |
|           | 222080           | 1    | • TIRE, Brawler solid (31 x 10-20), <b>B</b>           |

# Section 6 – Engines



# 6.1 Kubota D1305 Engine



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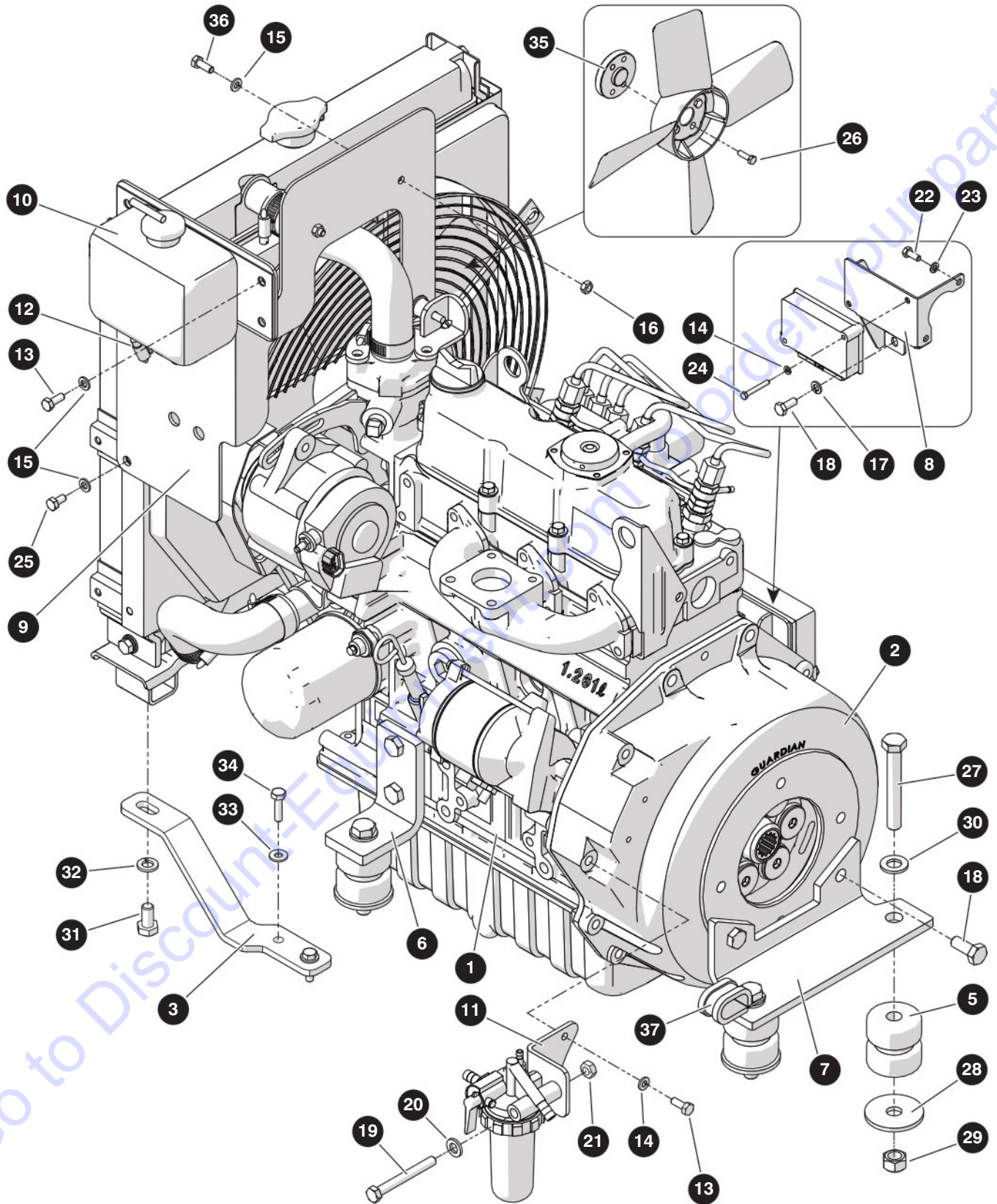
SJ45 AJ+

SKYJACK

## 6.1 Kubota D1305 Engine

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 237594           | 1    | KUBOTA ENGINE - D1305                                 |
| 1         | 215012           | 1    | • ENGINE, Kubota D1305 E4B                            |
|           | 236071           | 1    | • • FILTER, Oil - inner                               |
|           | 147129           | 1    | • • CARTRIDGE, Oil filter                             |
|           | 236072           | 1    | • • STARTER   |
|           | 236073           | 1    | • • ALTERNATOR  |
|           | 236074           | 1    | • • STAY, Dynamo                                      |
|           | 236075           | 1    | • • GUARD, Alternator                                 |
|           | 228540           | 1    | • • GLOW PLUG   |
|           | 236076           | 1    | • • SOLENOID, Stop                                    |
|           | 236077           | 1    | • • PUMP, Water                                       |
|           | 136109           | 1    | • • THERMOSTAT  |
|           | 210118           | 1    | • • PIPE, Water return                                |
|           | 236078           | 1    | • • FAN, Cooling                                      |
|           | 236079           | 1    | • • BELT, Fan   |
|           | 236080           | 1    | • • PUMP, Fuel transfer                               |
|           | 236081           | 1    | • • DIPSTICK  |
|           | 236082           | 1    | • • SENSOR, Water temp                                |
|           | 236083           | 1    | • • MANUAL, Operator's - Kubota D1305                 |
|           | 236084           | 1    | • • GASKET, Exhaust                                   |
|           | 236090           | 1    | • • ECU   |
|           | 236088           | 1    | • • FUEL FILTER ASSEMBLY                              |
|           | 236089           | 1    | • • • FILTER, Fuel                                    |
|           | 236091           | 1    | • • RADIATOR KIT                                      |
| 2         | 239474           | 1    | • HOUSING, Flywheel - D1305                           |
| 3         | 238504           | 1    | • BRACKET, Radiator mount (shown)                     |
| 4         | 238505           | 1    | • BRACKET, Radiator mount (not shown - opposite side) |
| 5         | 237586           | 4    | • MOUNT, Vibration - 75A                              |
| 6         | 215021           | 2    | • BRACKET, Engine mount                               |
| 7         | 237601           | 1    | • BRACKET, Engine mount                               |
| 8         | 215249           | 1    | • BRACKET, ECU  |
| 9         | 238766           | 1    | • BRACKET, Overflow tank                              |
| 10        | 147142           | 1    | • RESERVOIR, Coolant                                  |
| 11        | 215108           | 1    | • BRACKET, Fuel filter                                |
| 12        | 103321           | 1    | • CLAMP, Gear (SAE NO. 4 - 1/4"-13/16")               |
| 13        | 104608           | 4    | • BOLT, Hex head (M6 x 1 x 16 mm, gr 9.8)             |
| 14        | 121758           | 4    | • WASHER Lock (M6)                                    |
| 15        | 600190           | 6    | • WASHER, Flat (M6)                                   |
| 16        | 800354           | 4    | • NUT, Hex head (M6-1.00)                             |
| 17        | 132497           | 1    | • WASHER Lock (M10)                                   |
| 18        | 228454           | 7    | • BOLT, Hex head (M10 x 1.25 x 25, cl 8.8)            |
| 19        | 217410           | 1    | • BOLT, Hex head (M8 x 1.25 x 70, cl 8.8)             |
| 20        | 600184           | 1    | • WASHER, Flat (M8)                                   |
| 21        | 121059           | 1    | • NUT, Hex head (M8-1.25, gr 5)                       |
| 22        | 133174           | 1    | • BOLT, Hex head (M8-1.25 x 2,0 gr 8.8)               |
| 23        | 116218           | 1    | • WASHER Lock (M8)                                    |

# 6.1 Kubota D1305 Engine



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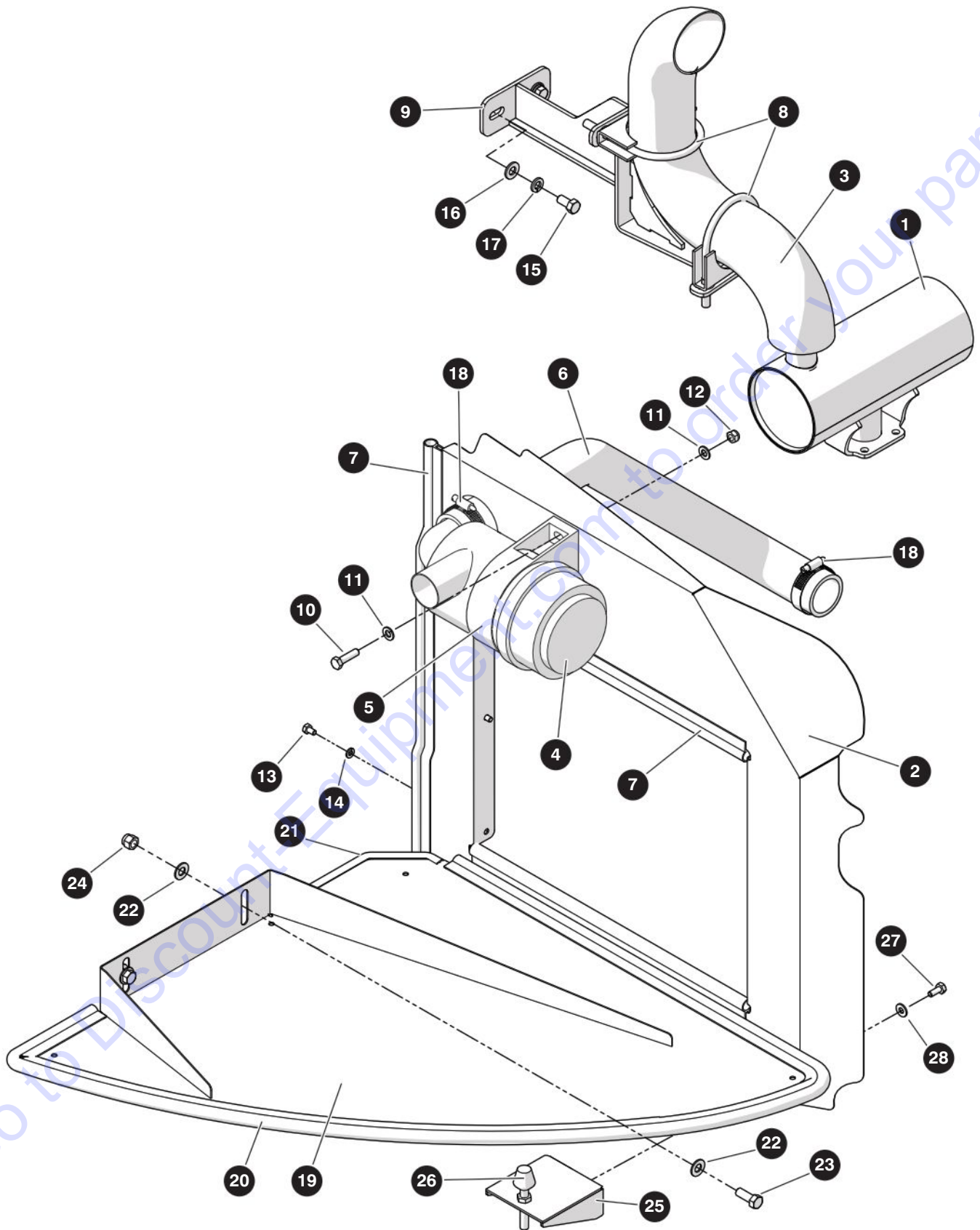
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## 6.1 Kubota D1305 Engine

| Index No. | Skyjack Part No. | Qty. | Description                                       |
|-----------|------------------|------|---|
| 24        | 217225           | 2    | • BOLT, Hex head (M6 x 1 x 45, cl 8.8)            |
| 25        | 933646           | 2    | • BOLT, Hex head (M6 x 1 x 12 mm, cl 8.8)         |
| 26        | 217871           | 4    | • BOLT, Hex head (M6 x 1 x 20, cl 10.9)           |
| 27        | 217278           | 4    | • BOLT, Hex head (M12 x 1.75 x 85, cl 8.8)        |
| 28        | 212939           | 4    | • WASHER, Flat (1/2" style BB)                    |
| 29        | 217619           | 4    | • NUT, Torque lock (M12 x 1.75, cl 10)            |
| 30        | 933817           | 4    | • WASHER, Flat (M12, cl 200 Y)                    |
| 31        | 933740           | 2    | • BOLT, Hex head (M10 x 1.5 x 20, cl 10.9)        |
| 32        | 130884           | 2    | • WASHER Lock (M10)                               |
| 33        | 103995           | 4    | • WASHER, Flat (1/4")                             |
| 34        | 103857           | 4    | • BOLT-Hex head/ZINC (1/4"-20 x 1", gr 5)         |
| 35        | 238516           | 1    | • FAN SPACER, (3/8")                              |
| 36        | 217392           | 2    | • BOLT, Hex head (M6 x 1 x 16, cl 8.8)            |
| 37        | 152333           | 1    | • CLAMP, Tube - cushioned (5/8" with 17/32" hole) |

## 6.2 Air Intake & Exhaust - Kubota D1305



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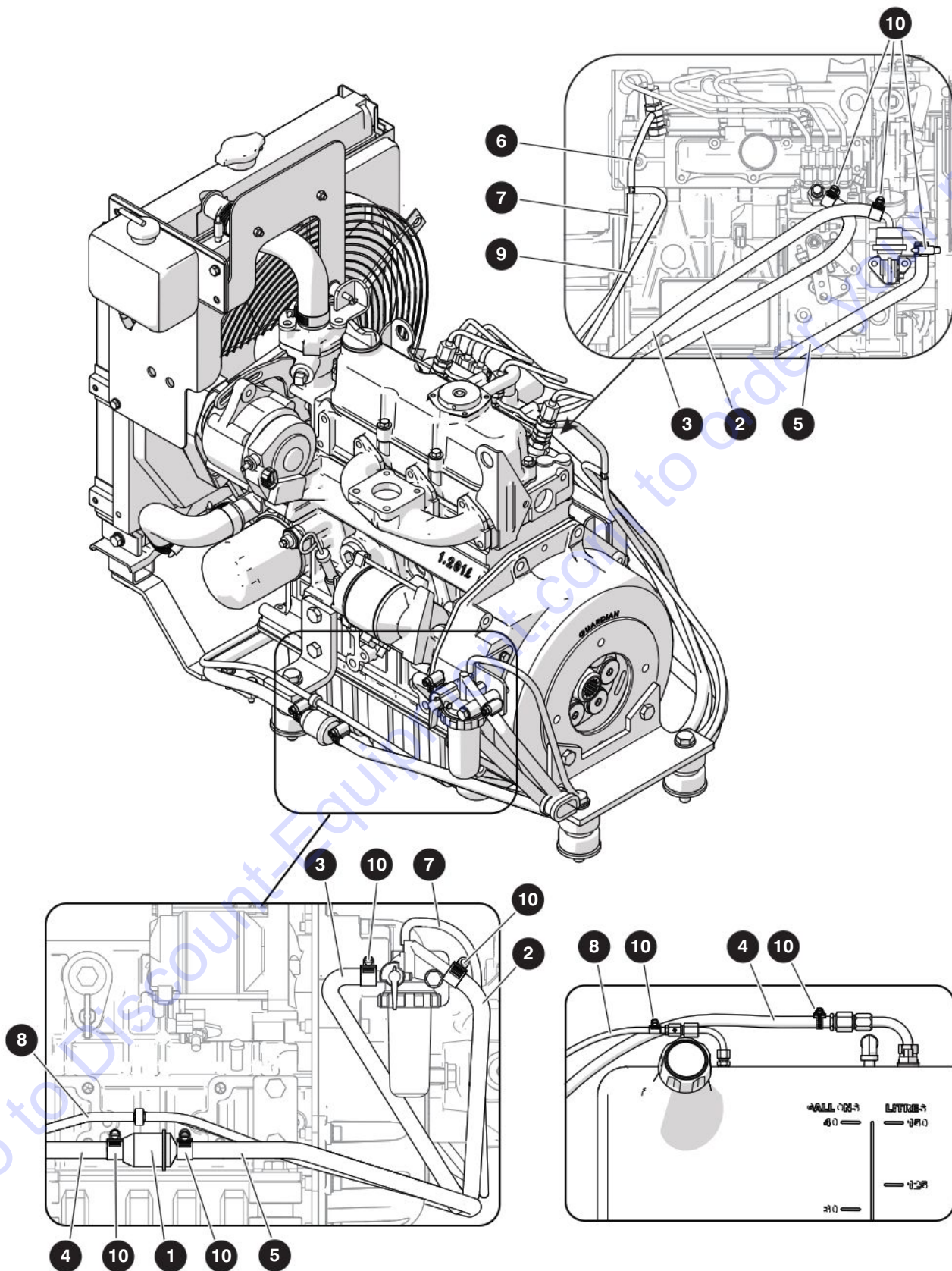
SJ45 AJ+

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## 6.2 Air Intake & Exhaust - Kubota D1305

| Index No. | Skyjack Part No. | Qty. | Description                                     |
|-----------|------------------|------|---|
| -         | 238499           | 1    | AIR INTAKE & EXHAUST                            |
| 1         | 237590           | 1    | • MUFFLER, Kubota D1305                         |
| 2         | 237584           | 1    | • BAFFLE, Engine intake                         |
| 3         | 239497           | 1    | • TUBE, Exhaust - D1305                         |
| 4         | 128601           | 1    | • AIR CLEANER                                   |
|           | 132913           | 1    | • • ELEMENT, Filter                             |
| 5         | 128602           | 1    | • BAND, Mounting - air cleaner                  |
| 6         | 238520           | 1    | • HOSE, Intake - air cleaner                    |
| 7         | 137625           | 58"  | • TRIM, Rubber                                  |
| 8         | 928271           | 2    | • CLAMP, Exhaust (3")                           |
| 9         | 239701           | 1    | • BRACKET, Exhaust                              |
| 10        | 217878           | 2    | • BOLT, Hex head (M8 x 1.25 x 30, cl 10.9)      |
| 11        | 933832           | 4    | • WASHER, Flat (M8)                             |
| 12        | 223162           | 2    | • NUT, Lock - hex head nylon (M8 x 1.25, cl 10) |
| 13        | 600723           | 6    | • BOLT, Hex head (M6-1 x 10 mm, gr 8.8)         |
| 14        | 121758           | 6    | • WASHER, Lock (M6)                             |
| 15        | 101632           | 2    | • BOLT, Hex head (3/8"-16 x 3/4, gr 5)          |
| 16        | 125959           | 2    | • WASHER, Flat hardened (3/8")                  |
| 17        | 103999           | 2    | • WASHER, Lock (3/8")                           |
| 18        | 133222           | 2    | • CLAMP, Gear (#32)                             |
| 19        | 238356           | 1    | • BAFFLE, Horizontal                            |
| 20        | 137625           | 21"  | • TRIM, Rubber                                  |
| 21        | 220305           | 4"   | • TRIM, Edge                                    |
| 22        | 103472           | 4    | • WASHER, Flat (3/8")                           |
| 23        | 103473           | 2    | • BOLT, Hex head (3/8"-16 x 1", gr 5)           |
| 24        | 104606           | 2    | • NUT, Lock (3/8"-16, gr 5)                     |
| 25        | 238367           | 1    | • BRACKET, Bumper                               |
| 26        | 116494           | 1    | • BUMPER, Vibration                             |
| 27        | 103995           | 2    | • WASHER, Flat (1/4")                           |
| 28        | 103892           | 2    | • BOLT, Hex head (1/4"-20 x 5/8", gr 5)         |

## 6.3 Fuel Lines - Kubota D1305



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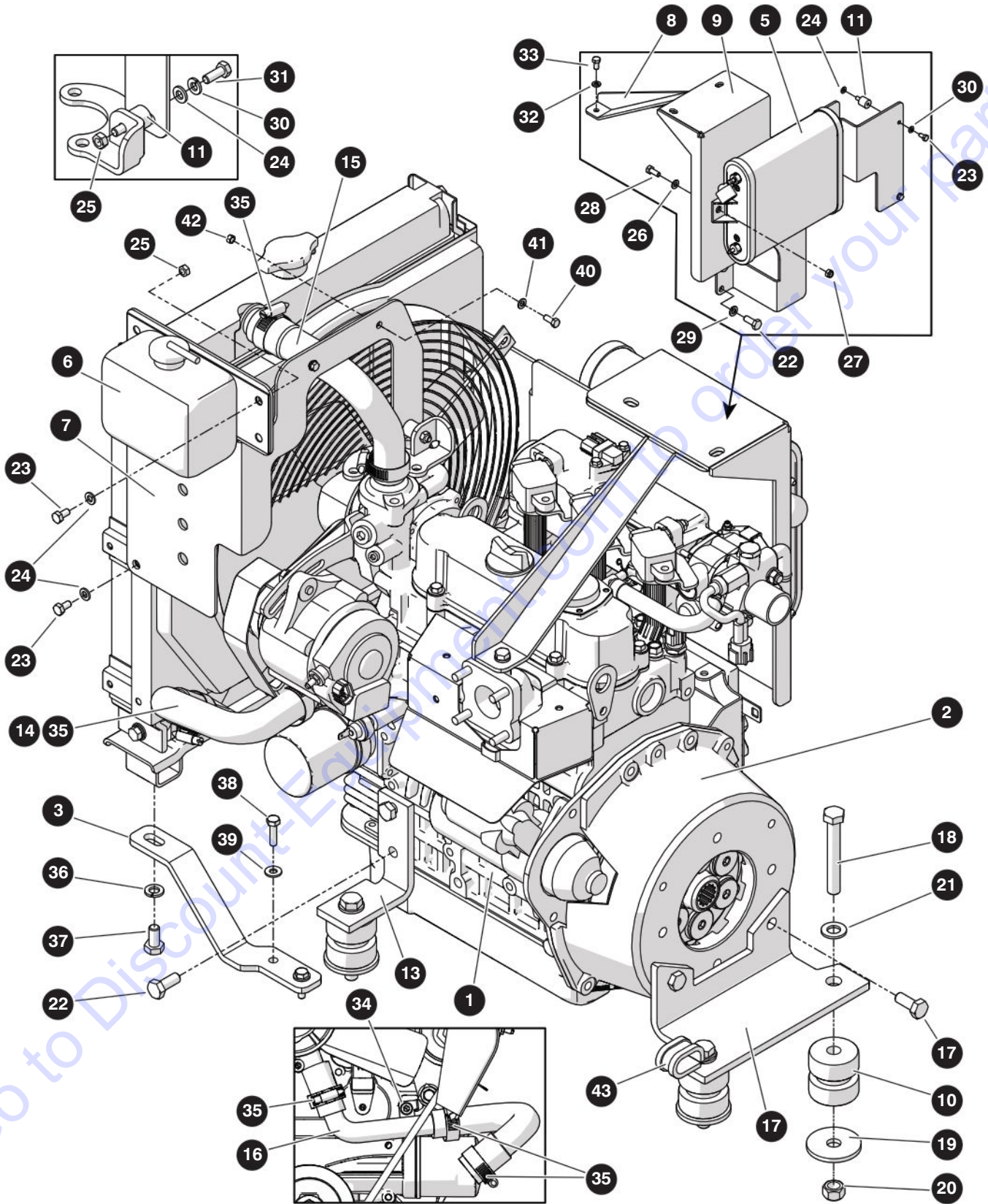
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## 6.3 Fuel Lines - Kubota D1305

| Index No. | Skyjack Part No. | Qty. | Description              |
|-----------|------------------|------|--------------------------|
| -         | 238515           | 1    | DIESEL FUEL LINES        |
| 1         | 139254           | 1    | • FILTER, Fuel In-line   |
| 2         | 102984           | 48"  | • FUEL LINE (5/16")      |
| 3         | 102984           | 50"  | • FUEL LINE (5/16")      |
| 4         | 102984           | 120" | • FUEL LINE (5/16")      |
| 5         | 102984           | 50"  | • FUEL LINE (5/16")      |
| 6         | 102660           | 5"   | • HOSE, Fuel line (1/8") |
| 7         | 102660           | 40"  | • HOSE, Fuel line (1/8") |
| 8         | 102660           | 110" | • HOSE, Fuel line (1/8") |
| 9         | 102660           | 30"  | • HOSE, Fuel line (1/8") |
| 10        | 103321           | 9    | • CLAMP, Gear            |

# 6.4 Kubota WG972 Engine



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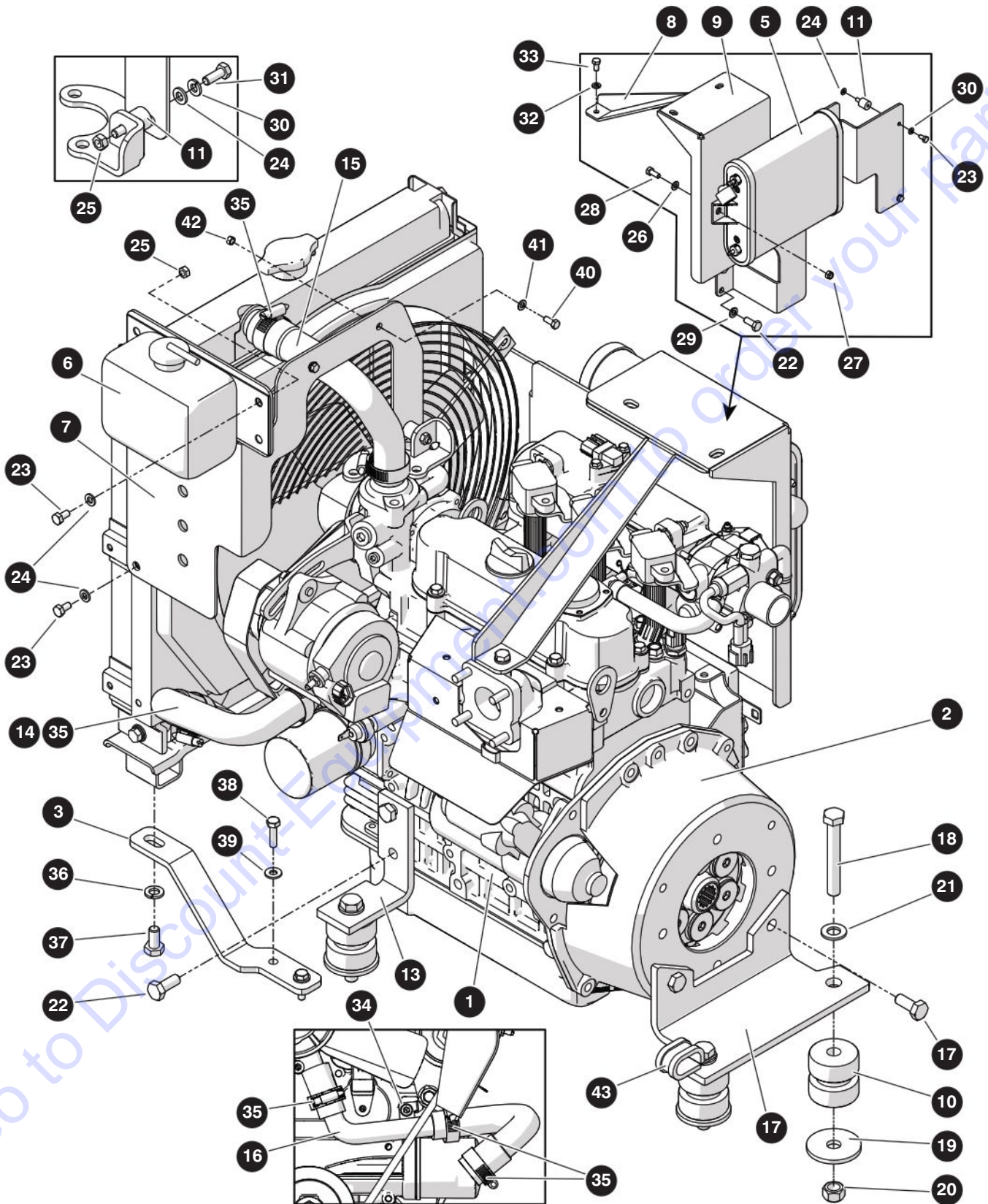
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## 6.4 Kubota WG972 Engine

| Index No. | Skyjack Part No. | Qty. | Description                    |
|-----------|------------------|------|--------------------------------|
| -         | 237595           | 1    | KUBOTA WG972 ENGINE            |
| 1         | 220411           | 1    | • ENGINE, Kubota EG972 E3F     |
|           | 236102           | 1    | • • CRANKCASE                  |
|           | 136094           | 1    | • • GUIDE, Oil gauge           |
|           | 159207           | 1    | • • PAN                        |
|           | 236103           | 1    | • • GEAR CASE                  |
|           | 236104           | 1    | • • PUMP, Water                |
|           | 236105           | 1    | • • INLET MANIFOLD             |
|           | 166634           | 1    | • • THROTTLE BODY              |
|           | 236106           | 1    | • • MIXER                      |
|           | 166636           | 1    | • • EXHAUST MANIFOLD           |
|           | 236107           | 1    | • • COVER, Cylinder head       |
|           | 237841           | 1    | • • FILTER, Oil - inner        |
|           | 237842           | 1    | • • CARTRIDGE, Oil filter      |
|           | 159213           | 1    | • • DIPSTICK                   |
|           | 194646           | 1    | • • PLUG, Oil gauge            |
|           | 237843           | 1    | • • ECU                        |
|           | 237844           | 1    | • • STAY 1, ECU                |
|           | 237845           | 1    | • • STAY 2, ECU                |
|           | 237846           | 1    | • • WIRE HARNESS, ECU          |
|           | 159216           | 1    | • • STARTER                    |
|           | 237847           | 1    | • • ALTERNATOR                 |
|           | 237760           | 1    | • • STAY, Alternator           |
|           | 136103           | 1    | • • GUARD , Alternator         |
|           | 166642           | 3    | • • SPARK PLUG                 |
|           | 237761           | 1    | • • FLANGE, Water              |
|           | 237762           | 1    | • • THERMOSTAT                 |
|           | 136110           | 1    | • • COVER, Thermostat          |
|           | 236078           | 1    | • • FAN, Cooling               |
|           | 237764           | 1    | • • COLLAR, Fan                |
|           | 136112           | 1    | • • PULLEY, Fan                |
|           | 220382           | 1    | • • PULLEY, Fan drive          |
|           | 136114           | 1    | • • BELT, Fan                  |
|           | 237765           | 1    | • • SWITCH, Oil                |
|           | 237766           | 1    | • • MANUAL, Operator's - WG972 |
|           | 166645           | 1    | • • SENSOR, O2                 |
|           | 136118           | 1    | • • FILTER, Fuel               |
|           | 158923           | 1    | • • VAPORIZER                  |
|           | 237766           | 1    | • • VALVE, 2 way               |
|           | 166647           | 1    | • • MUFLER, Cat                |
|           | 166648           | 2    | • • GASKET, Exhaust            |
|           | 237768           | 1    | • • COVER, Muffler             |
|           | 237769           | 1    | • • COVER, Muffler flange      |
|           | 237770           | 1    | • • HOSE Water                 |
|           | 237771           | 2    | • • CLAMP, Hose                |
|           | 237772           | 1    | • • RADIATOR                   |

## 6.4 Kubota WG972 Engine



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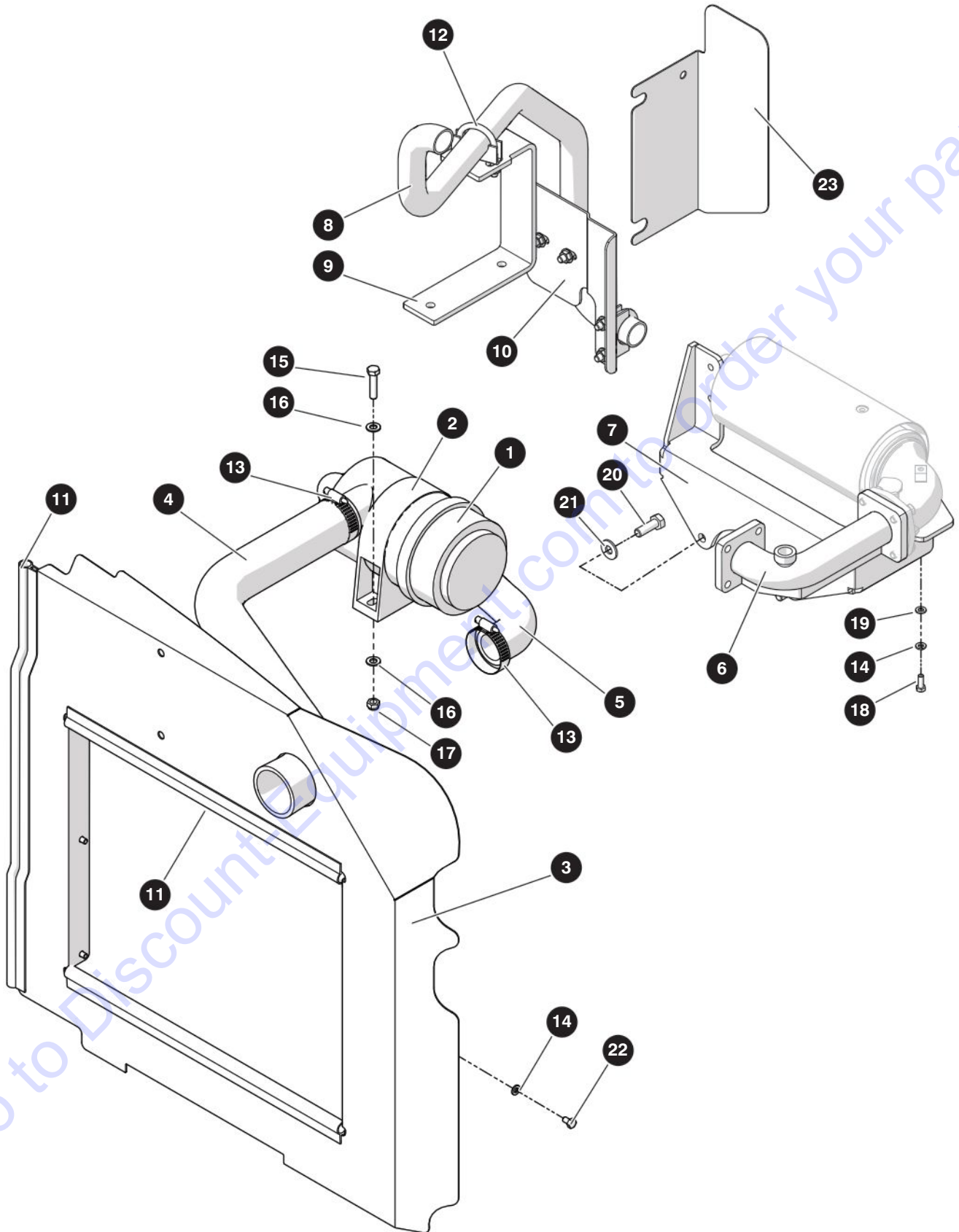
SKYJACK



## 6.4 Kubota WG972 Engine

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| 2         | 239475           | 1    | • HOUSING, Flywheel housing                                 |
| 3         | 238504           | 1    | • BRACKET, Radiator mount (shown)                           |
| 4         | 238505           | 1    | • BRACKET, Radiator mount (not shown - opposite side)       |
| 5         | 158920           | 1    | • CANISTER, Evaporative                                     |
| 6         | 147142           | 1    | • RESERVOIR, Coolant  |
| 7         | 222072           | 1    | • BRACKET, Overflow tank                                    |
| 8         | 222043           | 1    | • SUPPORT, Evaporative canister                             |
| 9         | 232945           | 1    | • BRACKET, Evaporative canister                             |
| 10        | 237586           | 4    | • MOUNT, Vibration  |
| 11        | 165927           | 3    | • MOUNT, Vibration  |
| 12        | 215174           | 1    | • BRACKET, Engine mount – FL-RR (not shown - opposite side) |
| 13        | 215173           | 1    | • BRACKET, Engine mount – FR-RL (shown)                     |
| 14        | 222074           | 1    | • HOSE, Radiator outlet                                     |
| 15        | 222073           | 1    | • HOSE, Radiator inlet                                      |
| 16        | 220367           | 1    | • TUBE, Beaded  |
| 17        | 237602           | 1    | • BRACKET, Engine mount                                     |
| 18        | 217278           | 4    | • BOLT, Hex head (M12 x 1.75 x 85, cl 8.8)                  |
| 19        | 212939           | 4    | • WASHER, Flat hardened (0.536" x 2")                       |
| 20        | 217619           | 4    | • NUT, Torque lock (M12 x 1.75, cl 10)                      |
| 21        | 933817           | 4    | • WASHER, Flat (M12)  |
| 22        | 228454           | 10   | • BOLT, Hex head (M10 x 1.25 x 25 cl 8.8)                   |
| 23        | 933646           | 6    | • BOLT, Hex head (M6 x 1 x 12mm cl 8.8)                     |
| 24        | 600190           | 7    | • WASHER, Flat (M6)   |
| 25        | 800354           | 3    | • NUT, Hex head (M6-1)                                      |
| 26        | 933832           | 2    | • WASHER, Flat (M8-16)                                      |
| 27        | 223163           | 2    | • NUT, Hex head lock (M8 x 1.25, cl 8)                      |
| 28        | 133174           | 2    | • BOLT, Hex head (M8-1.25 x 20, gr 8.8)                     |
| 29        | 132497           | 2    | • WASHER, Lock (M10)  |
| 30        | 121758           | 3    | • WASHER, Lock (M6)   |
| 31        | 217392           | 1    | • BOLT, Hex head (M6 x 1 x 16, cl 8.8)                      |
| 32        | 116218           | 1    | • WASHER, Lock (M8)   |
| 33        | 217401           | 1    | • BOLT, Hex head (M8 x 1.25 x 16, cl 10.9)                  |
| 34        | 217083           | 1    | • SCREW, Socket head cap (M8 x 1.25 x 20, cl 12.9)          |
| 35        | 133696           | 5    | • CLAMP, Hose (1-1/2")                                      |
| 36        | 130884           | 2    | • WASHER, Lock (M10)  |
| 37        | 933740           | 2    | • BOLT, Hex head (M10 x 1.5 x 20, cl 10.9)                  |
| 38        | 103857           | 4    | • BOLT, Hex head (1/4"-20 x 1", gr 5)                       |
| 39        | 103995           | 4    | • WASHER, Flat (1/4")                                       |
| 40        | 228453           | 2    | • BOLT, Hex head (M5 x 0.8 x 12 cl 8.8)                     |
| 41        | 134530           | 2    | • WASHER, Flat (M5)   |
| 42        | 217576           | 2    | • NUT, Hex (M5 x 0.8, cl 8)                                 |
| 43        | 152333           | 1    | • CLAMP, Tube - cushioned (5/8" with 17/32" hole)           |

## 6.5 Air Intake & Exhaust - Kubota WG972



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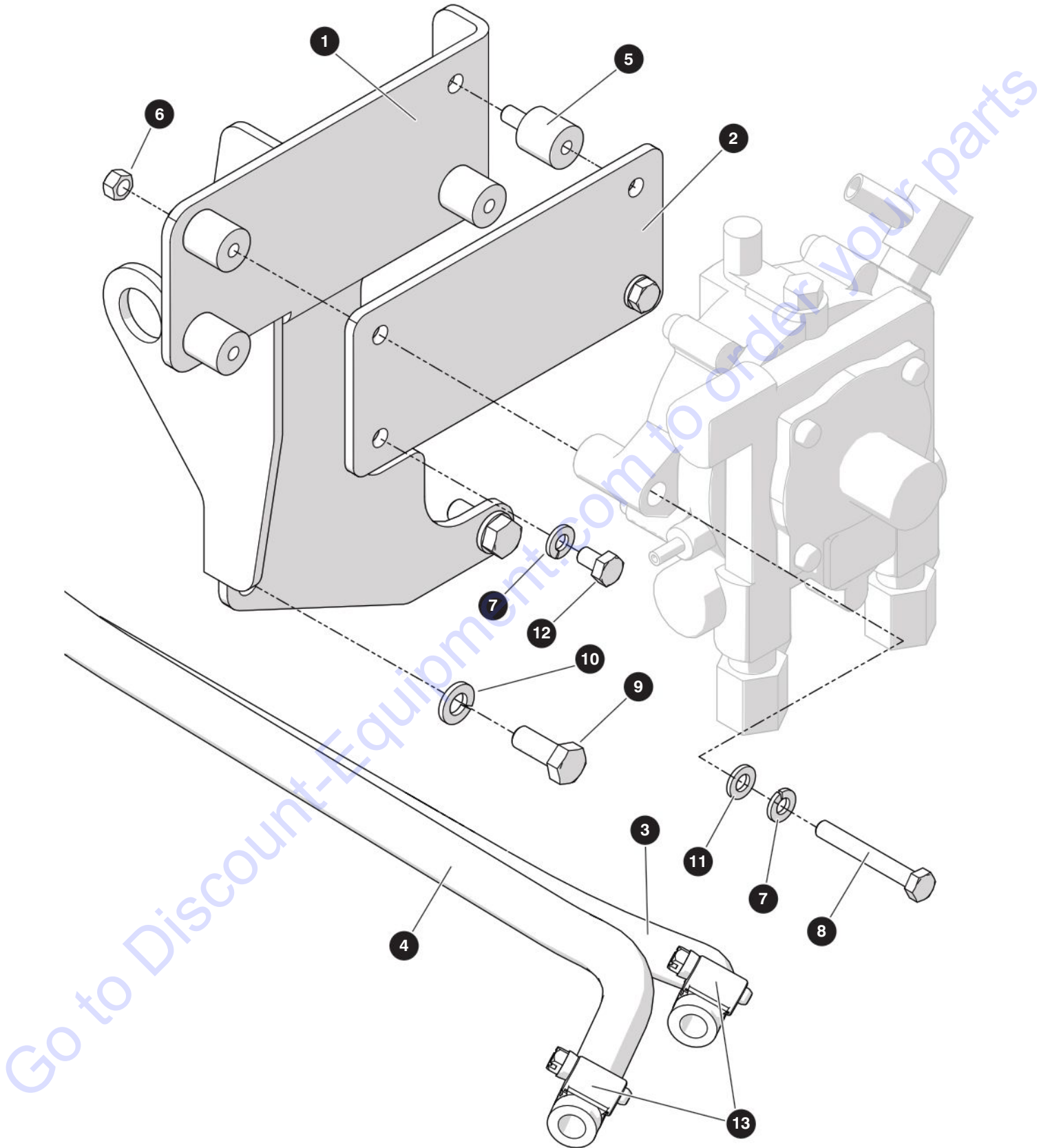
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## 6.5 Air Intake & Exhaust - Kubota WG972

| Index No. | Skyjack Part No. | Qty. | Description                                     |
|-----------|------------------|------|---|
| -         | 238748           | 1    | AIR INTAKE & EXHAUST - <b>Kubota WG972</b>      |
| 1         | 128601           | 1    | • AIR CLEANER                                   |
|           | 133289           | 1    | • • HOUSING, Filter                             |
|           | 132913           | 1    | • • ELEMENT, Filter - air cleaner               |
| 2         | 128602           | 1    | • BAND, Mounting - air cleaner                  |
| 3         | 238750           | 1    | • BAFFLE, Engine intake                         |
| 4         | 215170           | 1    | • TUBE, Air intake                              |
| 5         | 220383           | 1    | • HOSE, Air intake                              |
| 6         | 222057           | 1    | • ADAPTER, Exhaust                              |
| 7         | 232946           | 1    | • BRACKET, Exhaust                              |
| 8         | 238719           | 1    | • TUBE, Exhaust                                 |
| 9         | 238718           | 1    | • BRACKET, Exhaust mount                        |
| 10        | 238731           | 1    | • HEAT SHIELD, Exhaust                          |
| 11        | 137625           | 58   | • TRIM, Rubber                                  |
| 12        | 136969           | 3    | • CLAMP, Exhaust - U-bolt (1-1/4")              |
| 13        | 104528           | 3    | • CLAMP, Hose (1-3/4")                          |
| 14        | 121758           | 5    | • WASHER, Lock (M6)                             |
| 15        | 217879           | 2    | • BOLT, Hex head (M8 x 1.25 x 30, cl 10.9)      |
| 16        | 933832           | 4    | • WASHER, Flat (M8)                             |
| 17        | 223162           | 2    | • NUT, Lock - hex head nylon (M8 x 1.25, cl 10) |
| 18        | 217870           | 1    | • BOLT, Hex head (M6 x 1 x 16, cl 10.9)         |
| 19        | 600190           | 1    | • WASHER, Flat (M6)                             |
| 20        | 933658           | 2    | • BOLT, Hex head (M10 x 1.5 x 30 mm, gr 10.9)   |
| 21        | 600572           | 2    | • WASHER, Flat hardened (M10)                   |
| 22        | 600723           | 6    | • BOLT, Hex head (M6-1 x 10 mm, gr 8.8)         |
| 23        | 239472           | 1    | • HEAT SHIELD, Exhaust                          |

## 6.6 Regulator/Vaporizer Mount



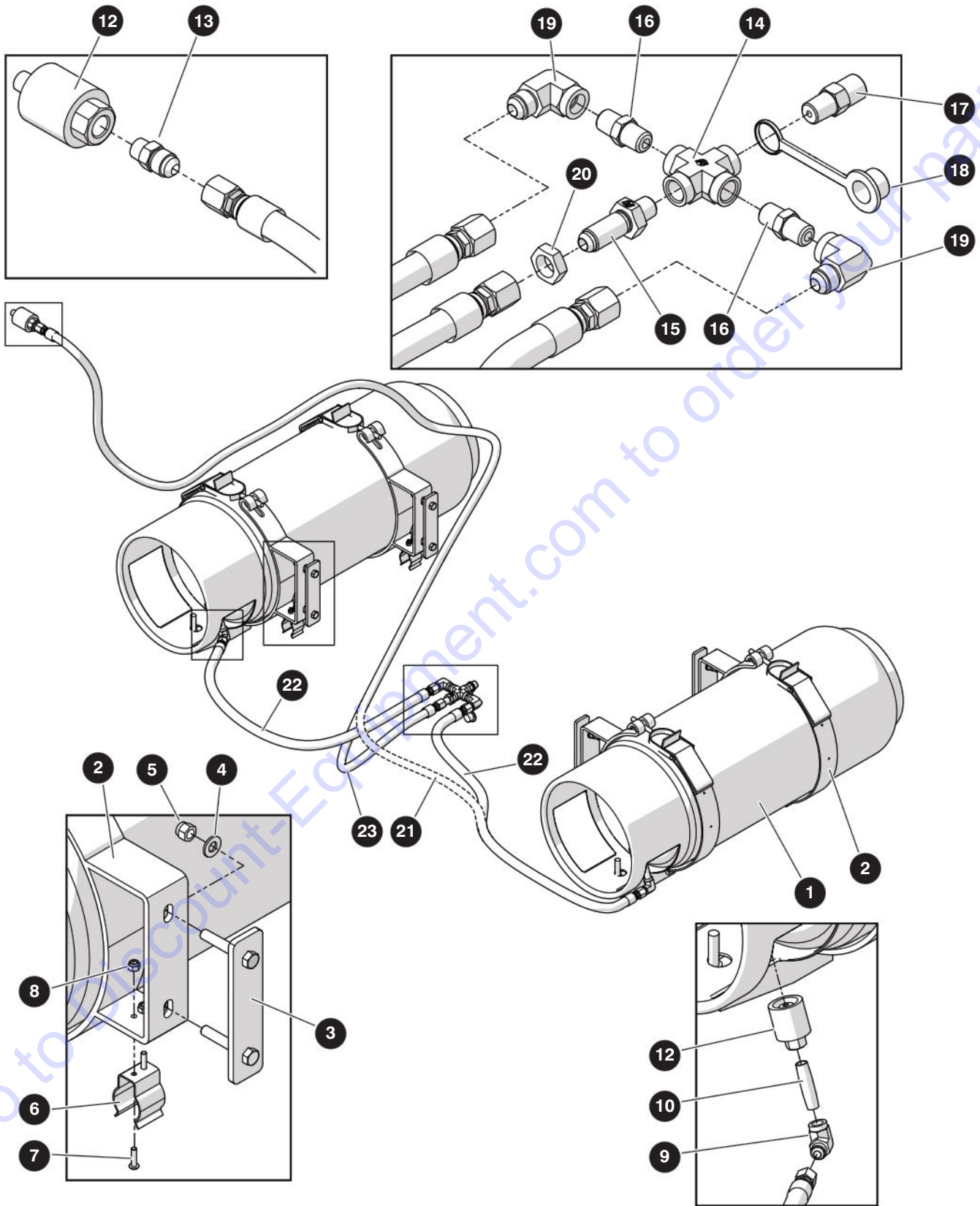
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## 6.6 Regulator/Vaporizer Mount

| Index No. | Skyjack Part No. | Qty.  | Description                                     |
|-----------|------------------|-------|---|
| -         | -                | 1     | REGULATOR VAPORIZER MOUNT - <b>Kubota WG972</b> |
| 1         | 220439           | 1     | • WLDT, VAPORIZER BRACKET                       |
| 2         | 220412           | 1     | • PLATE, VAPORIZER MOUNTING                     |
| 3         | 300797           | 17.25 | • HOSE 3/8 IN 6 HORIZON 200                     |
| 4         | 300797           | 20.5  | • HOSE 3/8 IN 6 HORIZON 200                     |
| 5         | 165927           | 4     | • M6 VIBRATION DAMPING MOUNT                    |
| 6         | 217578           | 4     | • NUT HEX M6 X 0.75 CL 8 ZP                     |
| 7         | 121758           | 6     | • WASHER LOCK M6-PLATED DIN 127B                |
| 8         | 217398           | 2     | • BOLT, HEX HD M6 X 1 X 45 CL 8.8 FT ZP         |
| 9         | 217876           | 2     | • BOLT, HEX HD M8 X 1.25 X 20 CL 10.9 DIN 933   |
| 10        | 116218           | 2     | • WASHER LOCK M8-PLATED DIN 127B                |
| 11        | 600190           | 3     | • WASHER, FLAT M6 DIN 125 (600190)              |
| 12        | 600723           | 4     | • BOLT, HEX HD M6 X 1 X 10, cl 8.8)             |
| 13        | 103321           | 2     | • CLAMP, Gear                                   |

## 6.7 Propane Tank & Lines - Kubota WG972



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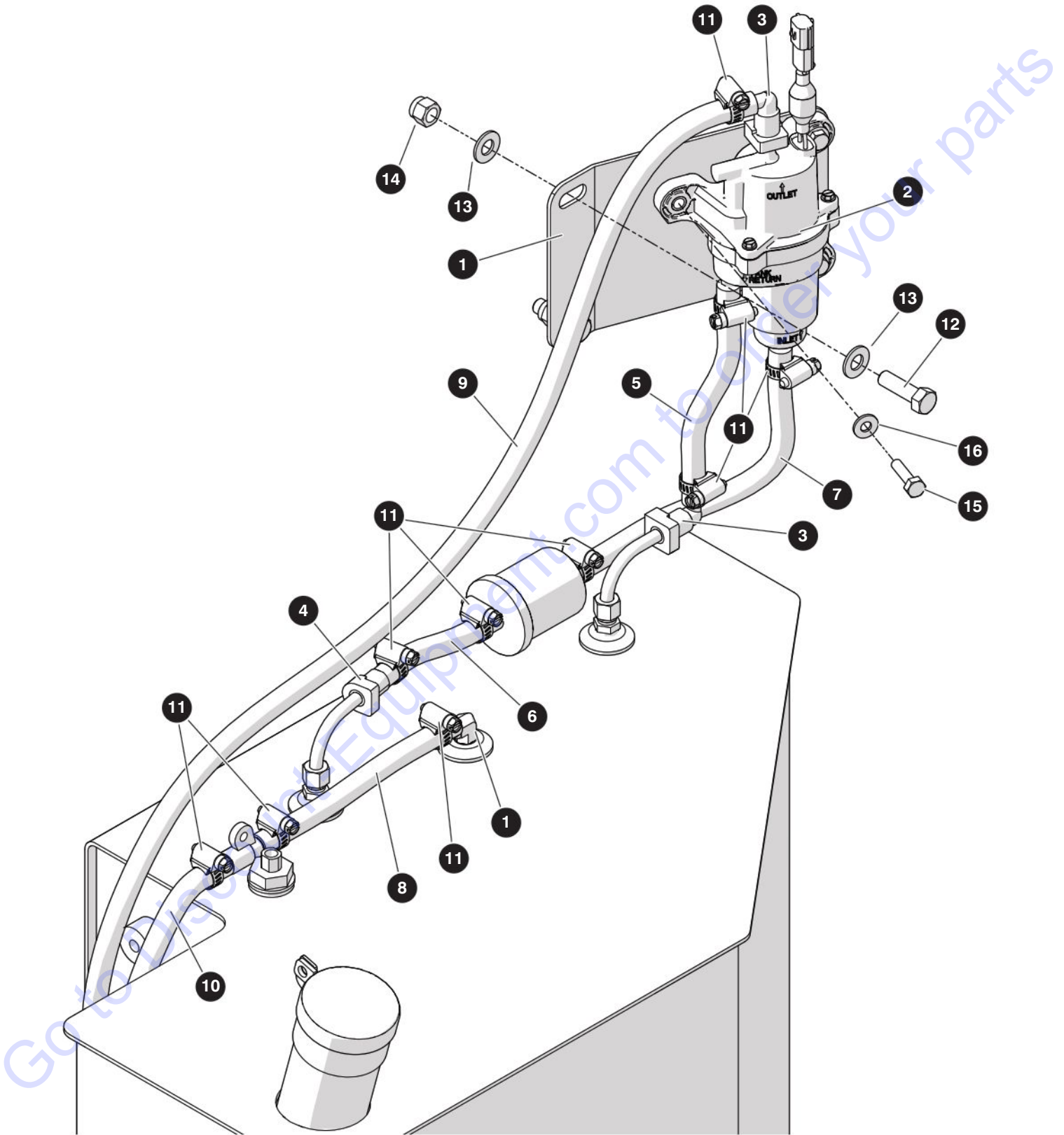
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## 6.7 Propane Tank & Lines - Kubota WG972

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| <b>A</b>  | 238509           | 1    | SINGLE PROPANE TANK                                   |
| <b>B</b>  | 238510           | 1    | DOUBLE PROPANE TANKS                                  |
| 1         | 702253           | 1    | • BOTTLE, Propane (43.5#), <b>A</b>                   |
|           | 702253           | 2    | • BOTTLE, Propane (43.5#), <b>B</b>                   |
| 2         | 144295           | 1    | • MOUNTING, Propane bottle, <b>A</b>                  |
|           | 144295           | 2    | • MOUNTING, Propane bottle, <b>B</b>                  |
|           | 221768           | 2    | • • BRACKET, Propane tank                             |
|           | 221769           | 2    | • • LATCH   |
|           | 221770           | 1    | • • PIN, Locating                                     |
|           | 221771           | 2    | • • SCREW, Sem  |
| 3         | 149029           | 2    | • RETAINER, Propane mount, <b>A</b>                   |
|           | 149029           | 4    | • RETAINER, Propane mount, <b>B</b>                   |
| 4         | 125959           | 4    | • WASHER, Flat hardened (3/8"), <b>A</b>              |
|           | 125959           | 8    | • WASHER, Flat hardened (3/8"), <b>B</b>              |
| 5         | 104606           | 4    | • NUT, Hex lock (3/8"-16 Grade 5, nylon), <b>A</b>    |
|           | 104606           | 8    | • NUT, Hex lock (3/8"-16 Grade 5, nylon), <b>B</b>    |
| 6         | 137235           | 2    | • CLIP, Gripper (1.5"-2.5 diameter), <b>A</b>         |
|           | 137235           | 4    | • CLIP, Gripper (1.5"-2.5 diameter), <b>B</b>         |
| 7         | 138834           | 4    | • SCREW, Round head machine (#10-24 x 3/4"), <b>A</b> |
|           | 138834           | 8    | • SCREW, Round head machine (#10-24 x 3/4"), <b>B</b> |
| 8         | 126642           | 4    | • NUT, Hex lock (#10-24 Grade 5, nylon), <b>A</b>     |
|           | 126642           | 8    | • NUT, Hex lock (#10-24 Grade 5, nylon), <b>B</b>     |
| 9         | 144334           | 1    | • FITTING, Elbow 90° (06 SAE 45M - 04 NPTF), <b>A</b> |
|           | 144334           | 2    | • FITTING, Elbow 90° (06 SAE 45M - 04 NPTF), <b>B</b> |
| 10        | 143478           | 1    | • NIPPLE, Brass (1/4 NPT x 2"), <b>A</b>              |
|           | 143478           | 2    | • NIPPLE, Brass (1/4 NPT x 2"), <b>B</b>              |
| 11        | 103006           | 1    | • QUICK COUPLING, Female tank, <b>A</b>               |
|           | 103006           | 2    | • QUICK COUPLING, Female tank, <b>B</b>               |
| 12        | 125793           | 1    | • VALVE, Shut off                                     |
| 13        | 103156           | 1    | • FITTING, Straight (06 SAE 45M - 04 NPTM), <b>A</b>  |
| -         | 235352           | 1    | • PROPANE TEE, <b>B</b>                               |
| 14        | 235350           | 1    | • • FITTING, Cross (04NPTF-04NPTF-04NPTF-04NPTF)      |
| 15        | 235351           | 1    | • • FITTING, Bulkhead (04NPTM-06JICM)                 |
| 16        | 230931           | 2    | • • VALVE, Check - 2 psi                              |
| 17        | 130099           | 1    | • • VALVE, Relief - 04NPT                             |
| 18        | 111622           | 1    | • • CAP, Rain   |
| 19        | 144334           | 2    | • • FITTING, 90° (06JICM-04NPTF)                      |
| 20        | 139157           | 1    | • • FITTING, Bulkhead nut (06JIC)                     |
| 21        | 211434           | 1    | • HOSE, Propane (156"), <b>A</b>                      |
| 22        | 103098           | 2    | • HOSE, Propane (42"), <b>B</b>                       |
| 24        | 211429           | 1    | • HOSE, Propane (135"), <b>B</b>                      |



## 6.8 Fuel Lines - Kubota WG972



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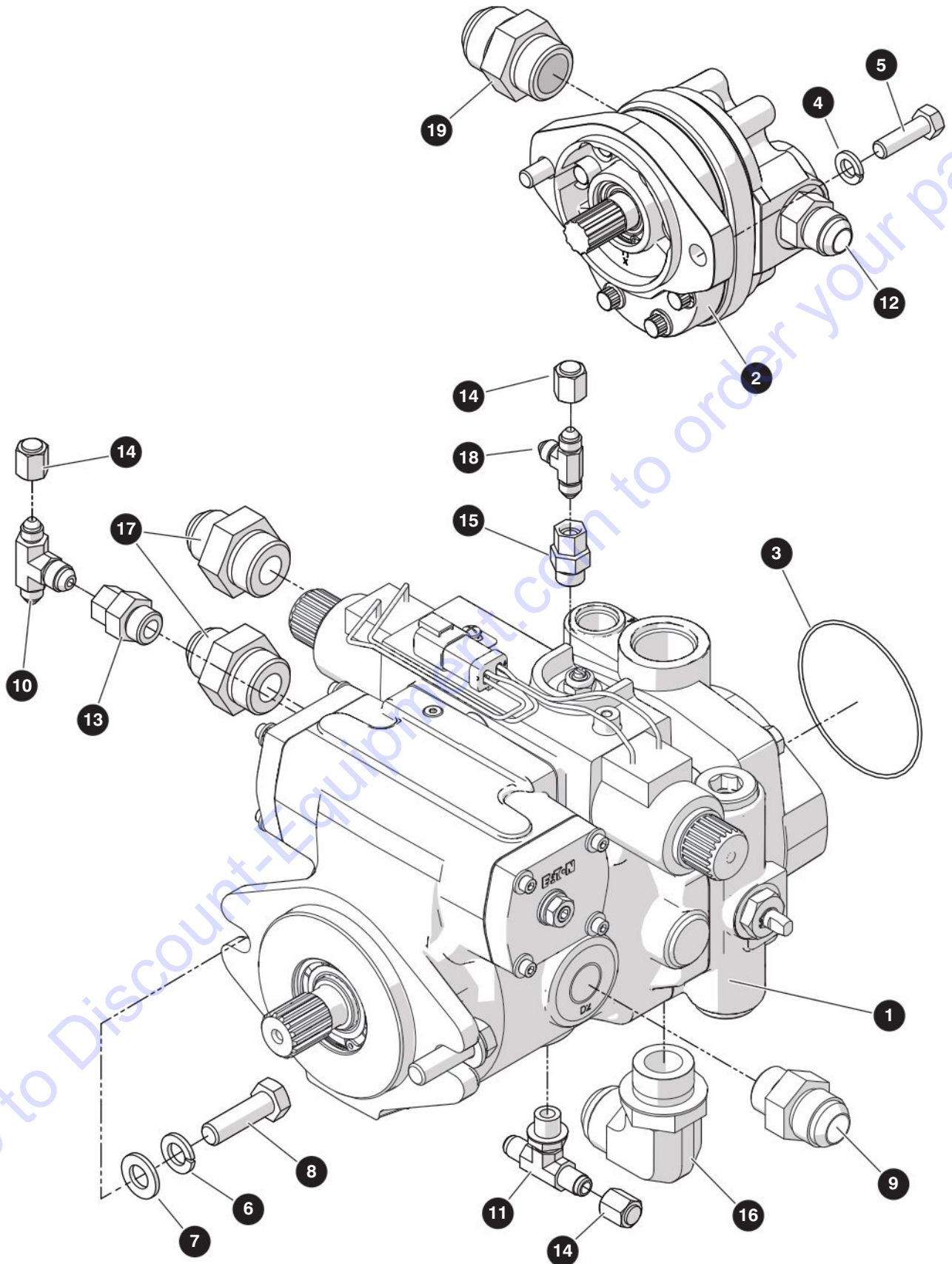
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## 6.8 Fuel Lines - Kubota WG972

| Index No. | Skyjack Part No. | Qty. | Description                               |
|-----------|------------------|------|---|
| -         | 238517           | 1    | FUEL LINES - <b>Kubota WG972</b>          |
| 1         | 238518           | 1    | • BRACKET, Mount - fuel pump              |
| 2         | 237610           | 1    | • FUEL PUMP, Gasoline                     |
| 3         | 142398           | 2    | • FITTING, 90° quick connect - fuel       |
| 4         | 142397           | 1    | • FITTING, Straight quick connect - fuel  |
| 5         | 142405           | 7"   | • FUEL LINE (5/16")                       |
| 6         | 142405           | 5"   | • FUEL LINE (5/16")                       |
| 7         | 142405           | 10"  | • FUEL LINE (5/16")                       |
| 8         | 142405           | 7"   | • FUEL LINE (5/16")                       |
| 9         | 142405           | 120" | • FUEL LINE (5/16")                       |
| 10        | 142405           | 115" | • FUEL LINE (5/16")                       |
| 11        | 103321           | 12   | • CLAMP, Gear                             |
| 12        | 101297           | 2    | • BOLT, Hex head (3/8"-16 x 1-1/4", gr 5) |
| 13        | 103472           | 4    | • WASHER, Flat (3/8")                     |
| 14        | 104606           | 5    | • NUT, Lock (3/8"-16, gr 5)               |
| 15        | 103857           | 6    | • BOLT, Hex head (1/2"-20 x 1", gr 5)     |
| 16        | 103995           | 6    | • WASHER, Flat (3/8")                     |

## 6.9 Drive & System Pumps



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## 6.9 Drive & System Pumps

| Index No. | Skyjack Part No. | Qty. | Description                                 |
|-----------|------------------|------|---|
| -         | 237597           | 1    | DRIVE & SYSTEM PUMPS                        |
| 1         | 170599           | 1    | • PUMP, Drive                               |
| 2         | 161963           | 1    | • PUMP, System                              |
| 3         | 162387           | 1    | • O-RING (3-1/4" x 1/16")                   |
| 4         | 103999           | 2    | • WASHER, Lock (3/8")                       |
| 5         | 101297           | 2    | • BOLT, Hex head (3/8"-16 x 1-1/4", gr 5)   |
| 6         | 600549           | 2    | • WASHER, Lock (M12)                        |
| 7         | 600426           | 2    | • WASHER, Flat (M12)                        |
| 8         | 217892           | 2    | • BOLT, Hex head (M12 x 1.75 x 40, cl 10.9) |
| 9         | 702118           | 1    | • FITTING, Straight (12JICM-12ORBM)         |
| 10        | 162044           | 1    | • FITTING, Tee (04JICM-04JICM-06JICM)       |
| 11        | 148490           | 1    | • FITTING, Brach tee (04JICM-04JICM-06ORBM) |
| 12        | 137630           | 1    | • FITTING, Straight (10JICM-10ORBM)         |
| 13        | 162043           | 1    | • FITTING, Straight (06JICFS-08ORBM)        |
| 14        | 131286           | 3    | • FITTING, Cap (04JICF)                     |
| 15        | 160885           | 1    | • FITTING, Straight (06 ORBM-04 JICFS)      |
| 16        | 707040           | 1    | • FITTING, 90° (16JICM-16ORBM)              |
| 17        | 702122           | 2    | • FITTING, Straight (12JICM-16ORBM)         |
| 18        | 131697           | 1    | • FITTING, Tee (04JICM)                     |
| 19        | 138667           | 1    | •   |
| 20        | 160637           | 1    | SEAL KIT, Drive Pump                        |

## Section 7 – Electrical Harnesses

**7.1** *Main Electrical & Fuel Level Switch Harnesses*

**7.2** *Engine Harness - Kubota D1305*

**7.3** *Engine Fuse Box - Kubota D1305*

**7.4** *Engine Harness - Kubota WG972*

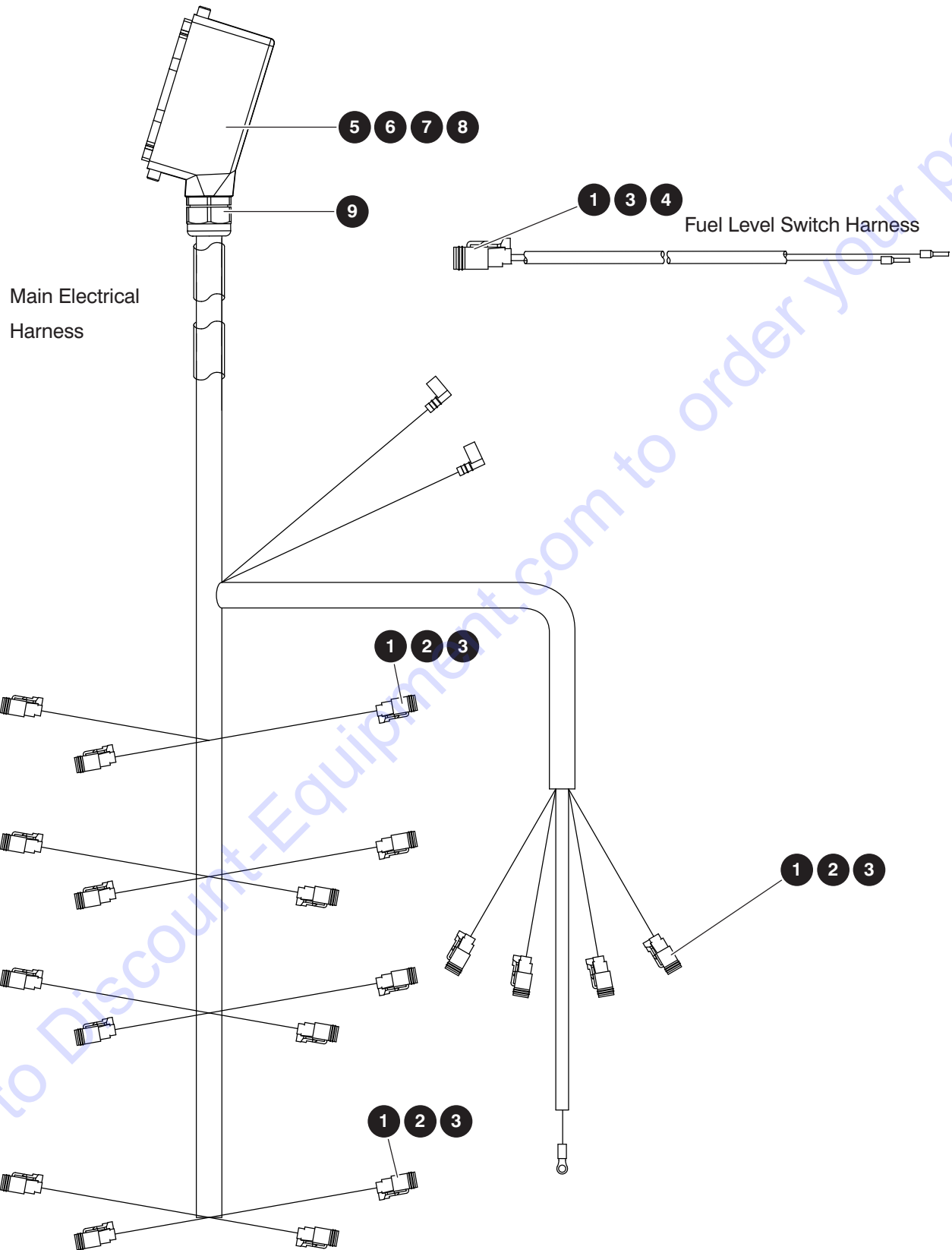
**7.5** *ECU Power Harness - Kubota WG972*

**7.6** *Fuel Pump Harness - Kubota WG972*

**7.7** *Battery Cables*

**7.9** *Jib & Platform Rotate Valve Harnesses*

# 7.1 Main Electrical & Fuel Level Switch Harnesses



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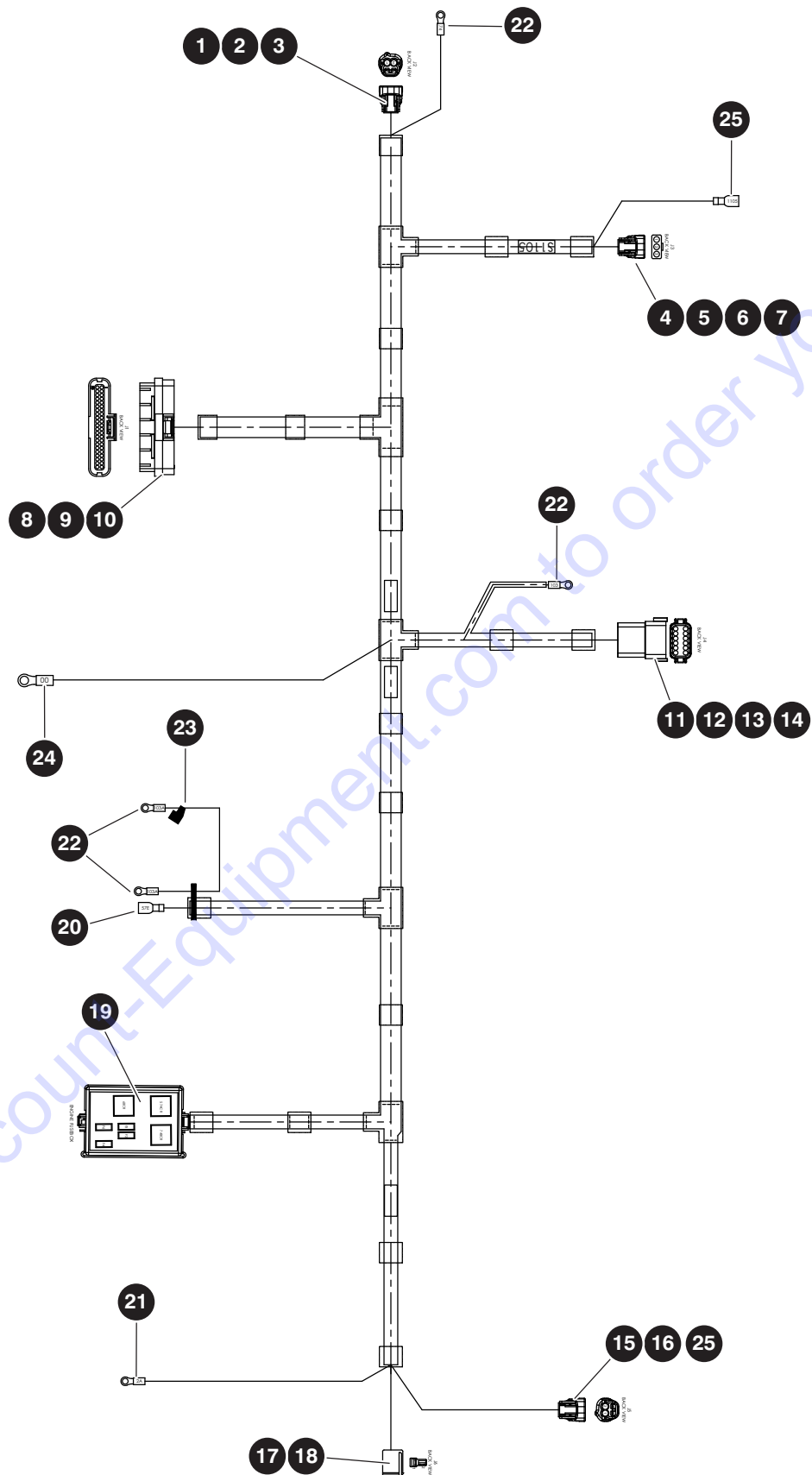
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## 7.1 Main Electrical & Fuel Level Switch Harnesses

| Index No. | Skyjack Part No. | Qty. | Description                        |
|-----------|------------------|------|------------------------------------|
| <b>A</b>  | 218488           | 1    | HARNESS, Main electrical           |
| <b>B</b>  | 218487           | 1    | HARNESS, Fuel level switch         |
| 1         | 117597           | 19   | • PLUG, Deutsch (2-pin), <b>A</b>  |
|           |                  | 1    | • PLUG, Deutsch (2-pin), <b>B</b>  |
| 2         | 117591           | 38   | • SOCKET, Deutsch (16/18 GA)       |
| 3         | 117599           | 19   | • WEDGE, Deutsch (2-pin), <b>A</b> |
|           |                  | 1    | • WEDGE, Deutsch (2-pin), <b>B</b> |
| 4         | 117590           | 2    | • CONNECTOR, Contact (16-18)       |
| 5         | 138753           | 1    | • HOOD, Side 24 pole (M32)         |
| 6         | 138755           | 1    | • PLUG, 24 pole spring (16A)       |
| 7         | 115401           | 21   | • FERULE (18GA)                    |
| 8         | 138044           | 4    | • FERULE (14GA)                    |
| 9         | 138754           | 1    | • STRAIN, RELIEF (M32 x 1.5)       |

## 7.2 Engine Harness - Kubota D1305



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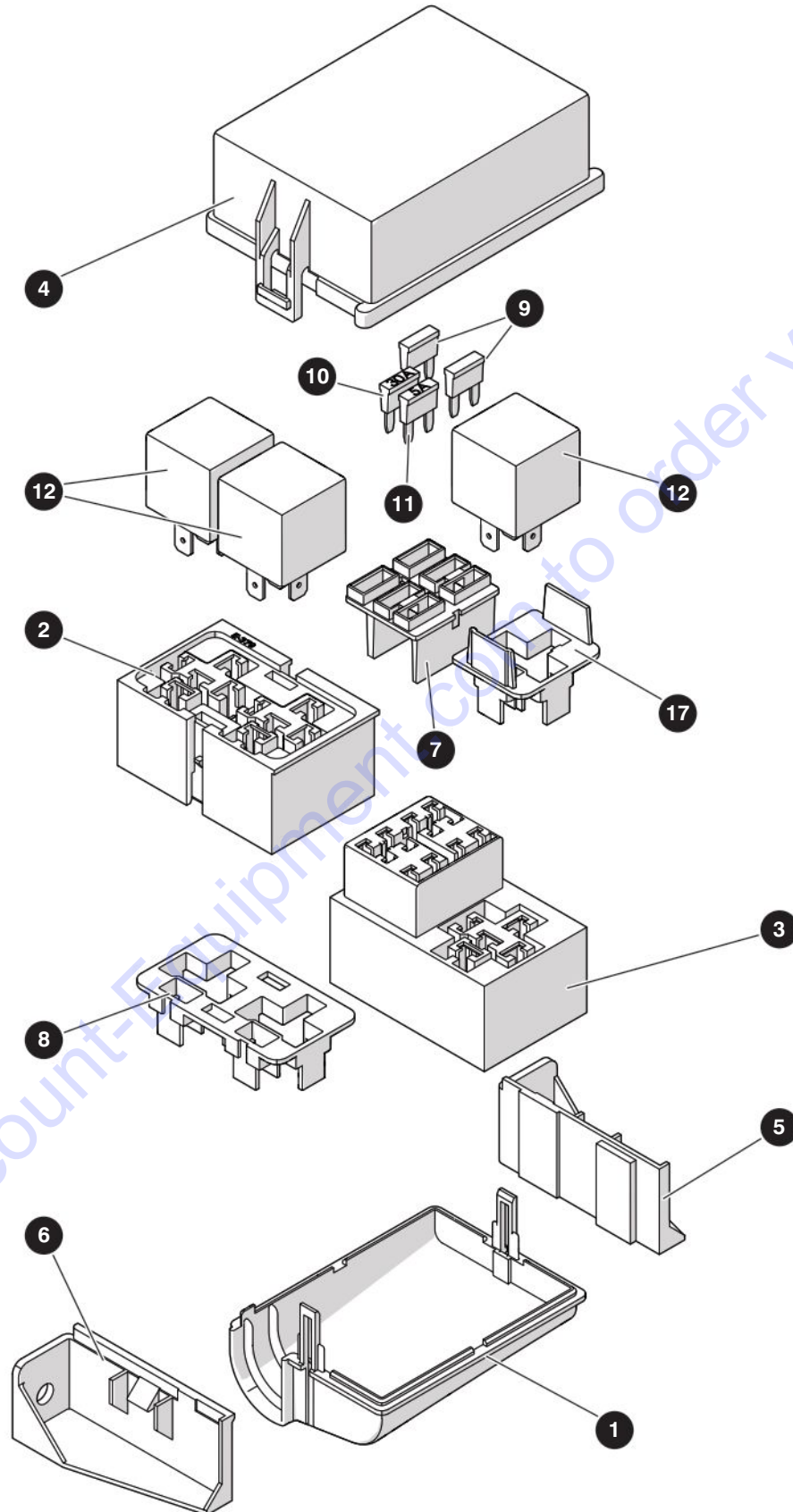
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## 7.2 Engine Harness - Kubota D1305

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 236167           | 1    | ENGINE HARNESS   |
| 1         | 215850           | 1    | • CONNECTOR, 2 Pole - automotive   |
| 2         | 215852           | 2    | • CONTACT, Female - automotive   |
| 3         | 215853           | 2    | • SEAL, Wire - automotive  |
| 4         | 215864           | 1    | • CONNECTOR, 3 Pole - automotive   |
| 5         | 215866           | 3    | • CONTACT, Female - automotive   |
| 6         | 215867           | 3    | • SEAL, Wire - automotive  |
| 7         | 215865           | 1    | • CONNECTOR, Rear holder   |
| 8         | 215868           | 1    | • CONNECTOR, 44 position - ECU   |
| 9         | 215869           | 22   | • CONTACT, Female - ECU  |
| 10        | 215870           | 22   | • PLUG, Wire - ECU   |
| 11        | 117586           | 1    | • CONNECTOR, Receptacle (12 pin)   |
| 12        | 117589           | 1    | • CONNECTOR, Receptacle - wedge (12 pin)                                   |
| 13        | 117590           | 7    | • CONNECTOR, Contact (PIN 16 - 18)   |
| 14        | 117594           | 5    | • CONNECTOR, Sealing plug  |
| 15        | 215871           | 1    | • CONNECTOR, 2 Pole - automotive   |
| 16        | 215872           | 2    | • CONTACT, Female - automotive   |
| 17        | 215874           | 1    | • CONNECTOR, 2 Pole - alternator   |
| 18        | 215875           | 2    | • CONTACT, Female - alternator   |
| 19        | (Ref.)           | 1    | • FUSEBOX<br>(For components, refer to 7.3 Engine Fuse Box - Kubota D1305) |
| 20        | 105568           | 1    | • TERMINAL, Female - yellow 10-12 AWG                                      |
| 21        | 216788           | 1    | • TERMINAL, Ring - red 18-22 GA  |
| 22        | 108172           | 1    | • TERMINAL, Ring 10-12 GA  |
| 23        | 117696           | 1    | • BOOT, Terminal   |
| 24        | 114595           | 1    | • TERMINAL, Female 18-22 GA  |
| 25        | 238414           | 2    | • WIRE SEAL, Amp   |

## 7.3 Engine Fuse Box - Kubota D1305



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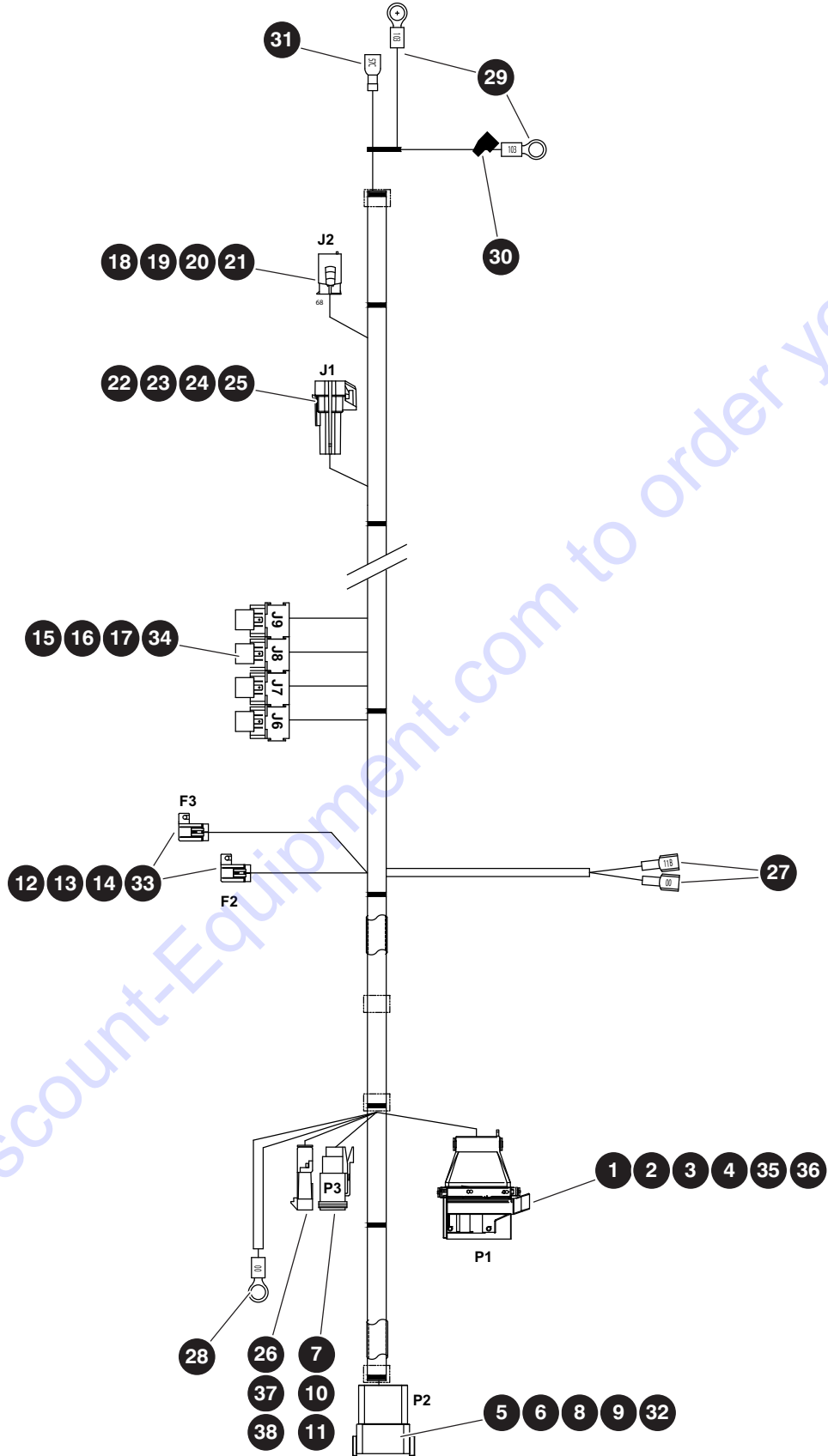
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## 7.3 Engine Fuse Box - Kubota D1305

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 236168           | 1    | FUSE BOX   |
| 1         | 198654           | 1    | • COVER, Fuse box - bottom                             |
| 2         | 198646           | 1    | • BLOCK, Fuse box - dual ISO relay                     |
| 3         | 198647           | 1    | • BLOCK, Fuse box - ISO relay, 6 fuses                 |
| 4         | 198651           | 1    | • COVER, Fuse box - top                                |
| 5         | 198652           | 1    | • BRACKET, Fuse box - RH                               |
| 6         | 198653           | 1    | • BRACKET, Fuse box - LH                               |
| 7         | 198649           | 1    | • SPACER, Half module - mini fuse                      |
| 8         | 198650           | 1    | • SPACER, ISO relay                                    |
| 9         | 170626           | 2    | • FUSE, ATM - 10A                                      |
| 10        | 198727           | 1    | • FUSE, ATM - 30A                                      |
| 11        | 198725           | 1    | • FUSE, ATM - 5A                                       |
| 12        | 127131           | 3    | • RELAY, 12V 40 AMP                                    |
| 13        | 198657           | 4    | • TERMINAL, Female - ISO relay (14/16 AWG) (not shown) |
| 14        | 198658           | 4    | • TERMINAL, Female - ISO relay (18/20 AWG) (not shown) |
| 15        | 198662           | 1    | • TERMINAL, Female - mini fuse (18/20 AWG) (not shown) |
| 16        | 198661           | 5    | • TERMINAL, Female - mini fuse (14/16 AWG) (not shown) |
| 17        | 198648           | 1    | • SPACER, Half module - ISO relay                      |
| 18        | 198655           | 4    | • TERMINAL, Female - ISO relay (10/12 AWG) (not shown) |
| 19        | 198660           | 2    | • TERMINAL, Female - mini fuse (10/12 AWG) (not shown) |

## 7.4 Engine Harness - Kubota WG972



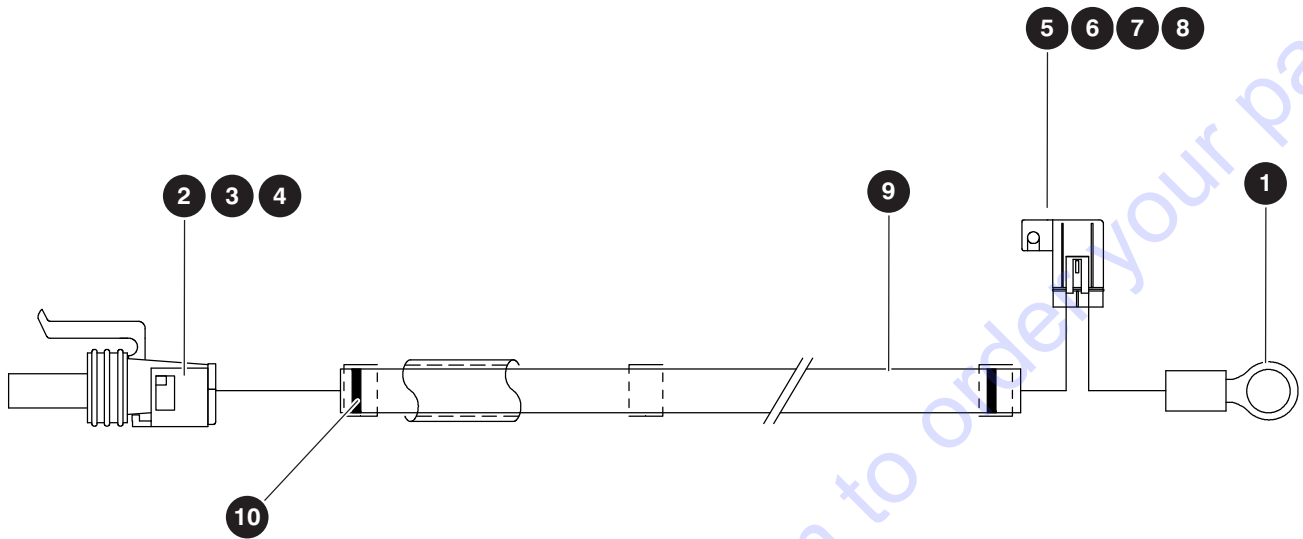
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## 7.4 Engine Harness - Kubota WG972

| Index No. | Skyjack Part No. | Qty. | Description                                      |
|-----------|------------------|------|--|
| -         | 169377           | 1    | ENGINE HARNESS - <b>Kubota WG972</b>             |
| 1         | 163675           | 1    | • CONNECTOR (42M)                                |
| 2         | 163676           | 11   | • TERMINAL, Female (18 - 20 GA)                  |
| 3         | 156173           | 4    | • TERMINAL, Female (2.5 - 1.5 mm <sup>2</sup> )  |
| 4         | 156174           | 4    | • TERMINAL, Female (1.0 - 0.5 mm <sup>2</sup> )  |
| 5         | 117586           | 1    | • RECEPTACLE, Connector (12 pin)                 |
| 6         | 117589           | 1    | • CONNECTOR, Plug - wedge (12 pin)               |
| 7         | 117591           | 2    | • SOCKET, Connector contact (16-18)              |
| 8         | 117592           | 3    | • CONNECTOR, contact pin (14-16)                 |
| 9         | 117594           | 5    | • CONNECTOR, Sealing plug                        |
| 10        | 117597           | 1    | • CONNECTOR, Plug (2 PIN)                        |
| 11        | 117599           | 1    | • CONNECTOR, Plug - wedge (2 pin)                |
| 12        | 157850           | 2    | • CONNECTOR, 2F Fuse holder                      |
| 13        | 157851           | 4    | • TERMINAL, Female (2.5 - 1.5 mm <sup>2</sup> )  |
| 14        | 156117           | 2    | • COVER, Inline autofuse                         |
| 15        | 138749           | 4    | • SOCKET, Relay - automotive                     |
| 16        | 126808           | 11   | • TERMINAL, Female (14 - 18 GA)                  |
| 17        | 163677           | 5    | • TERMINAL, Female (12 - 16 GA)                  |
| 18        | 141581           | 1    | • CONNECTOR, 3 way socket                        |
| 19        | 141582           | 1    | • TERMINAL, Female (1.25 - 0.5 mm <sup>2</sup> ) |
| 20        | 142183           | 1    | • SEAL, Wire (2.7 - 1.8 mm)                      |
| 21        | 156167           | 2    | • PLUG, Cavity                                   |
| 22        | 166481           | 1    | • CONNECTOR, 4M, 150 M/P                         |
| 23        | 163679           | 1    | • TPA (4W)                                       |
| 24        | 163680           | 4    | • TERMINAL, Male (0.8 - 0.5 mm <sup>2</sup> )    |
| 25        | 156146           | 4    | • SEAL, Wire (2.9 - 2.0 mm)                      |
| 26        | 156106           | 1    | • CONNECTOR (1M)                                 |
| 27        | 114595           | 2    | • TERMINAL, Female (18 - 22 AWG)                 |
| 28        | 108172           | 1    | • TERMINAL, Ring (10 - 12 GA x 3/8")             |
| 29        | 238222           | 1    | • WIRE ASSEMBLY, Fuse link                       |
| 30        | 117696           | 1    | • TERMINAL, Boot                                 |
| 31        | 105359           | 1    | • TERMINAL, Female (14 - 16 GA)                  |
| 32        | 117590           | 4    | • PIN, Connector contact (16-18)                 |
| 33        | 156202           | 2    | • FUSE (5A)                                      |
| 34        | 127131           | 4    | • RELAY (12 V, 40 A)                             |
| 35        | 166583           | 1    | • BACKSHELL                                      |
| 36        | 166584           | 1    | • SEAL, Inner                                    |
| 37        | 156116           | 1    | • TERMINAL, Male (3.0 - 2.0 mm <sup>2</sup> )    |
| 38        | 157868           | 1    | • SEAL, Wire (4.3 - 3.5 mm)                      |
| 39        | 117590           | 4    | • PIN, Connector contact (16-18)                 |

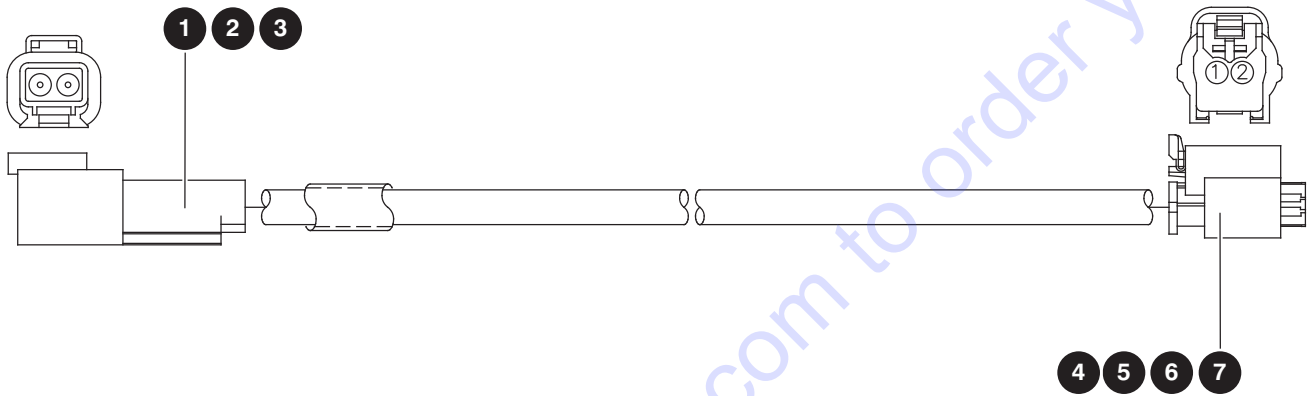
## 7.5 ECU Power Harness - Kubota WG972



M166776AA

| Index No. | Skyjack Part No. | Qty. | Description                         |
|-----------|------------------|------|-------------------------------------|
| -         | 166776           | 1    | ECU POWER HARNESS                   |
| 1         | 108172           | 1    | • TERMINAL, Ring (10 - 12 GA, 3/8") |
| 2         | 156108           | 1    | • CONNECTOR, Female                 |
| 3         | 156138           | 1    | • TERMINAL, Female                  |
| 4         | 157868           | 1    | • SEAL, Wire                        |
| 5         | 156127           | 1    | • CONNECTOR, Female - Fuse holder   |
| 6         | 156118           | 2    | • TERMINAL, Female                  |
| 7         | 156117           | 1    | • COVER, Inline autofuse            |
| 8         | 156164           | 1    | • FUSE (30 A)                       |
| 9         | 124399           | 183" | • PROTECTOR, Wire (1/4")            |
| 10        | 113719           | 2    | • TIEWRAP (3 - 5/8")                |

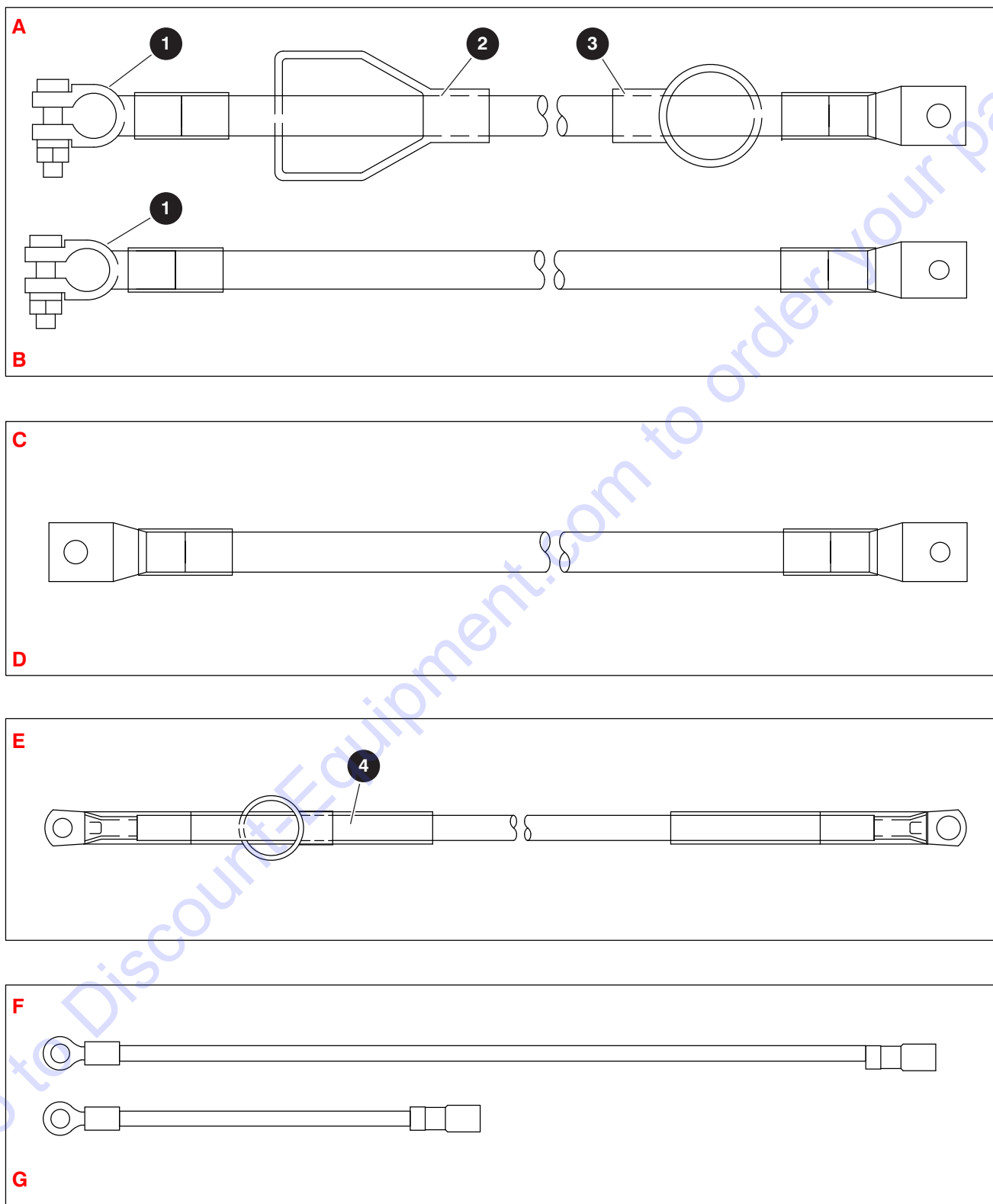
## 7.6 Fuel Pump Harness - Kubota WG972



M238418AB

| Index No. | Skyjack Part No. | Qty. | Description                             |
|-----------|------------------|------|---|
| -         | 238418           | 1    | ECU POWER HARNESS                       |
| 1         | 117596           | 1    | • RECEPTACLE, Connector - deutsch 2 pin |
| 2         | 117596           | 2    | • PIN, Contact (16/18 GA)               |
| 3         | 117596           | 1    | • WEDGE, Receptacle - deutsch 2 pin     |
| 4         | 117596           | 1    | • CONNECTOR, 2 pole plug                |
| 5         | 117596           | 2    | • SEAL, Wire - green (2-1.4 mm)         |
| 6         | 117596           | 1    | • CONTACT, Female - automotive          |
| 7         | 117596           | 1    | • PLATE, Connector 2P                   |

## 7.7 Battery Cables



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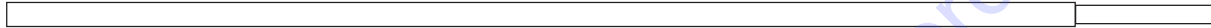


## 7.7 Battery Cables

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| <b>A</b>  | 138700           | 1    | BATTERY CABLE (battery positive to battery disconnect) |
| <b>B</b>  | 238430           | 1    | BATTERY CABLE (battery negative to turret ground)      |
| <b>C</b>  | 238393           | 1    | BATTERY CABLE (battery disconnect to starter)          |
| <b>D</b>  | 238394           | 1    | BATTERY CABLE (turret ground to starter)               |
| <b>E</b>  | 138704           | 1    | BATTERY CABLE (Emergency pump to battery disconnect)   |
| <b>F</b>  | 152344           | 1    | WIRE ASSEMBLY (Charge indicator, 00)                   |
| <b>G</b>  | 152345           | 1    | WIRE ASSEMBLY (Charge indicator, 03)                   |
| 1         | 139030           | 1    | • POST CLAMP, Battery (#2/0 positive), <b>A</b>        |
|           | 139031           | 1    | • POST CLAMP, Battery (#2/0 negative), <b>B</b>        |
| 2         | 139032           | 1    | • POST BOOT, Battery (#2/0 red), <b>A</b>              |
| 3         | 139105           | 1    | • TERMINAL BOOT (#2/0 red), <b>A</b>                   |
| 4         | 139106           | 1    | • TERMINAL BOOT (#1 red), <b>D</b>                     |

## 7.8 Control & CANbus Cables

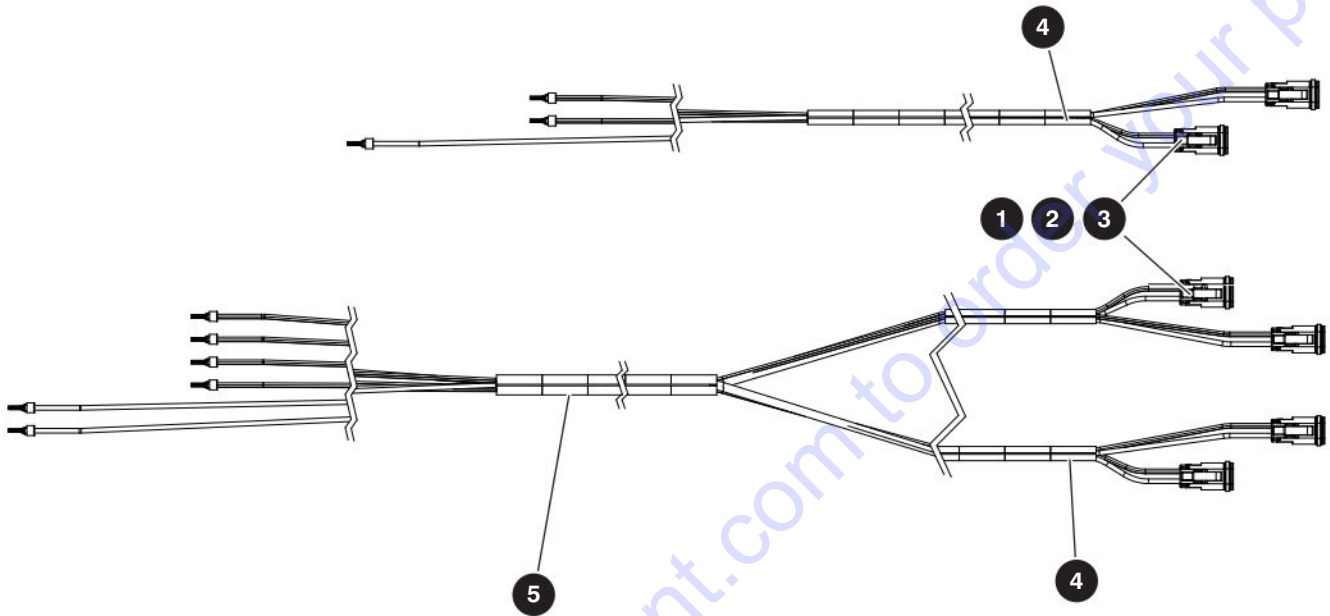
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M218859AA

| Index No. | Skyjack Part No. | Qty. | Description          |
|-----------|------------------|------|----------------------|
| 1         | 218486           | 1    | CONTROL CABLE (960") |
| 2         | 218485           | 1    | CANBUS CABLE (960")  |

## 7.9 Jib & Platform Rotate Valve Harnesses



M167740AB\_M167698AB

| Index No. | Skyjack Part No. | Qty. | Description                              |
|-----------|------------------|------|--|
| -         | 167698           | 1    | HARNESS, Jib and platform rotate         |
| 1         | 117597           | 4    | • CONNECTOR, Plug 2-pin                  |
| 2         | 117599           | 4    | • WEDGE, Connector plug 2-pin            |
| 3         | 117591           | 8    | • SOCKET, Contact - connector plug 2-pin |
| 4         | 124399           | 38"  | • PROTECTOR, Wire (1/4")                 |
| 5         | 111354           | 120" | • PROTECTOR, Wire (3/8")                 |

# Section 8 – Hydraulic Hoses

**8.1** *Standard Hose Numbering System*

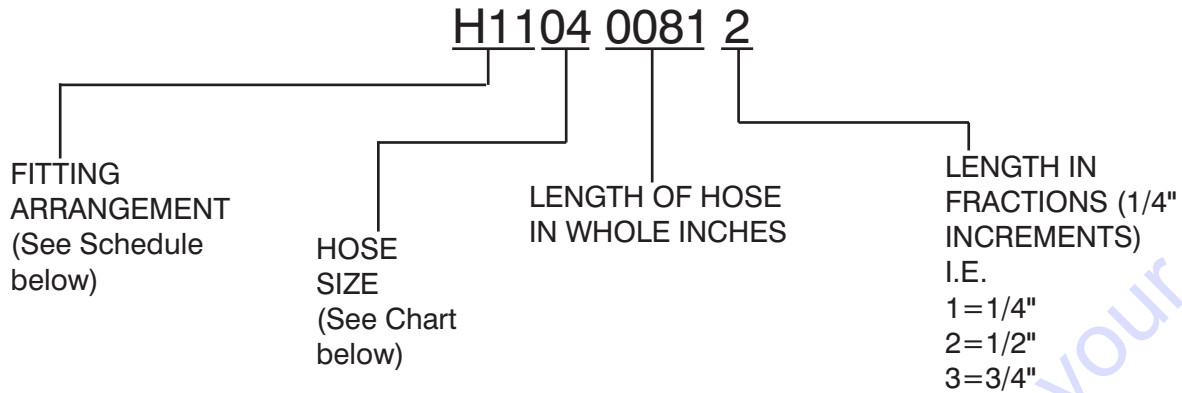
**8.2** *Boom Hoses*

**8.3** *Turret Hoses*

**8.4** *Base Hoses*

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## 8.1 Standard Hose Numbering System



Using the number above as an example, H1104 0081 2, this hose requires a 37° JIC female swivel fitting on one end, and a medium length 90° JIC female swivel fitting for the other end. The hose must meet or exceed the S.A.E. 100R13 hose specification, and be a total of 81-1/2" long.



### NOTE

Hose ends and hose must be from same manufacturer per S.A.E. J1273 Nov. '91, Sections 3.10 and 4.2. Hose ends and hose must be of the same size i.e. #4 size fittings must be used with #4 size hose.

**Hose Size Chart**

| Size | 03    | 04   | 06   | 08   | 10   | 12   | 16 | 20     | 24     | 32 | 40     | 48 | 56     | 64 |
|------|-------|------|------|------|------|------|----|--------|--------|----|--------|----|--------|----|
| ID   | 3/16" | 1/4" | 3/8" | 1/2" | 5/8" | 3/4" | 1" | 1-1/4" | 1-1/2" | 2" | 2-1/2" | 3" | 3-1/2" | 4" |

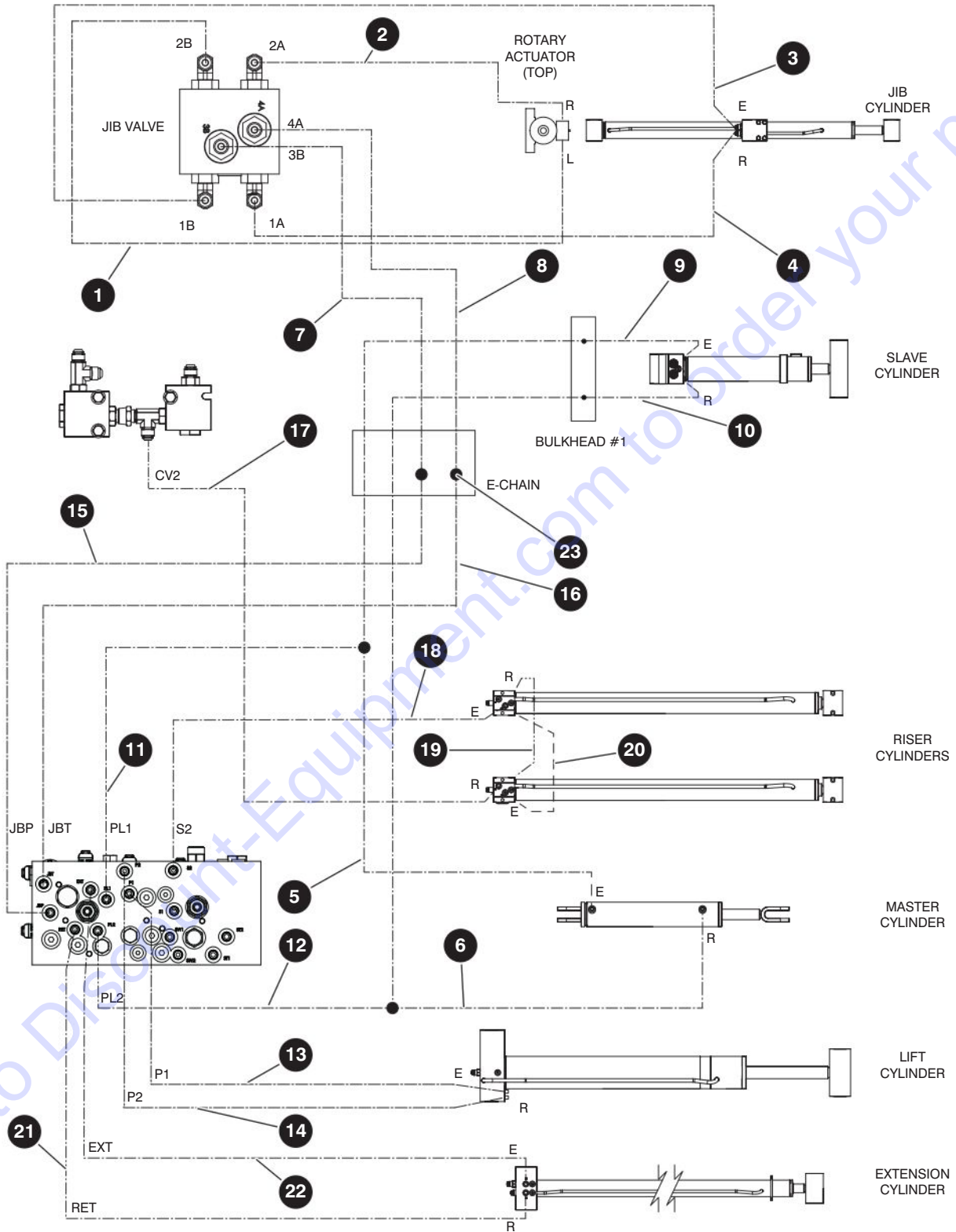
**Fitting Arrangement Schedule**

| Hose Prefix | Hose End Fitting                   | Hose End Fitting                    | S.A.E. Hose Specification |
|-------------|------------------------------------|-------------------------------------|---------------------------|
| H01         | FEMALE, 37° JIC, SWIVEL            | FEMALE, 37° JIC, SWIVEL             | 100R17                    |
| H02         | FEMALE, 37° JIC, SWIVEL            | FEMALE, 37° JIC, SWIVEL             | 100R13                    |
| H03         | FEMALE, 37° JIC, SWIVEL            | 45°, FEMALE, 37° JIC, SWIVEL        | 100R17                    |
| H04         | FEMALE, 37° JIC, SWIVEL            | 45°, FEMALE, 37° JIC, SWIVEL        | 100R13                    |
| H05         | FEMALE, 37° JIC, SWIVEL            | LONG 90°, FEMALE, 37° JIC, SWIVEL   | 100R17                    |
| H06         | FEMALE, 37° JIC, SWIVEL            | SHORT 90°, FEMALE, 37° JIC, SWIVEL  | 100R17                    |
| H07         | LONG 90°, FEMALE, 37° JIC, SWIVEL  | LONG 90°, FEMALE, 37° JIC, SWIVEL   | 100R17                    |
| H08         | FEMALE, 37° JIC, SWIVEL            | FEMALE, 37° JIC, SWIVEL             | 100R4                     |
| H09         | FEMALE, 37° JIC, SWIVEL            | 45°, FEMALE, 37° JIC, SWIVEL        | 100R4                     |
| H10         | FEMALE, 37° JIC, SWIVEL            | MALE PIPE THREAD FITTING            | 100R17                    |
| H11         | FEMALE, 37° JIC, SWIVEL            | MEDIUM 90°, FEMALE, 37° JIC, SWIVEL | 100R13                    |
| H12         | SHORT 90°, FEMALE, 37° JIC, SWIVEL | SHORT 90°, FEMALE, 37° JIC, SWIVEL  | 100R17                    |
| H13         | FEMALE, 37° JIC, SWIVEL            | REUSABLE MALE PIPE THREAD FITTING   | 300 PSI                   |
| H14         | REUSABLE MALE PIPE THREAD FITTING  | NO FITTING                          | 300 PSI                   |
| H15         | REUSABLE FEMALE, 37° JIC, SWIVEL   | REUSABLE FEMALE, 37° JIC, SWIVEL    | 300 PSI                   |
| H16         | NO FITTING                         | NO FITTING                          | 100R4                     |
| H17         | NO FITTING                         | NO FITTING                          | 300 PSI                   |
| H18         | REUSABLE, FEMALE, 37° JIC, SWIVEL  | NO FITTING                          | 300 PSI                   |

## 8.1 Standard Hose Numbering System

| Hose Prefix | Hose End Fitting                     | Hose End Fitting                   | S.A.E. Hose Specification |
|-------------|--------------------------------------|------------------------------------|---------------------------|
| H19         | LONG 90°, FEMALE, 37° JIC, SWIVEL    | FEMALE, 37° JIC, SWIVEL            | 100R13                    |
| H20         | FEMALE, SHORT 37° JIC, SWIVEL        | SHORT 90°, FEMALE, 37° JIC, SWIVEL | 100R4                     |
| H21         | FEMALE, SHORT 37° JIC, SWIVEL        | SHORT 90°, FEMALE, 37° JIC, SWIVEL | 100R2AT                   |
| H22         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R2AT                   |
| H23         | FEMALE, LONG 37° JIC, SWIVEL         | LONG 90°, FEMALE, 37° JIC, SWIVEL  | 100R2AT                   |
| H24         | FEMALE, SHORT 37° JIC, SWIVEL        | SHORT 90°, FEMALE, 37° JIC, SWIVEL | 100R13                    |
| H25         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R4                     |
| H30         | MEDIUM 90°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H31         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H32         | SHORT 45°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H33         | MEDIUM 45°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H34         | SHORT 90°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H35         | MEDIUM 90°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H36         | LONG 90°, FEMALE, 37° JIC, SWIVEL    | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H37         | SHORT 45°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R4                     |
| H38         | SHORT 90°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R4                     |
| H39         | LONG 90°, FEMALE, 37° JIC, SWIVEL    | FEMALE, 37° JIC, SWIVEL            | 100R4                     |
| H40         | SHORT 90°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R16                    |
| H43         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R16                    |
| H51         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H52         | SHORT 45°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H53         | MEDIUM 45°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H54         | SHORT 90°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H55         | MEDIUM 90°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H56         | LONG 90°, FEMALE, 37° JIC, SWIVEL    | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H57         | SHORT 45°, FEMALE, SAE ORFS, SWIVEL  | FEMALE, SAE ORFS, SWIVEL           | 100R13                    |
| H58         | FEMALE, SAE ORFS, SWIVEL             | FEMALE, SAE ORFS, SWIVEL           | 100R13                    |
| H59         | MEDIUM 90°, FEMALE, SAE ORFS, SWIVEL | FEMALE, SAE ORFS, SWIVEL           | 100R13                    |
| H60         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R17                    |
| H61         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R16                    |
| H62         | SHORT 90°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R16                    |
| H63         | MEDIUM 90°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R16                    |
| H64         | LONG 90°, FEMALE, 37° JIC, SWIVEL    | FEMALE, 37° JIC, SWIVEL            | 100R16                    |
| H65         | MEDIUM 67°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R12                    |
| H66         | FEMALE, 37° JIC, SWIVEL              | NO FITTING                         | 100R4                     |
| H67         | FEMALE, 37° JIC, SWIVEL              | FEMALE, 37° JIC, SWIVEL            | 100R19                    |
| H68         | SHORT 45°, FEMALE, 37° JIC, SWIVEL   | FEMALE, 37° JIC, SWIVEL            | 100R19                    |
| H69         | MEDIUM 90°, FEMALE, 37° JIC, SWIVEL  | FEMALE, 37° JIC, SWIVEL            | 100R19                    |
| H70         | LONG 90°, FEMALE, 37° JIC, SWIVEL    | FEMALE, 37° JIC, SWIVEL            | 100R19                    |
| H71         | LONG 90°, FEMALE, SAE ORFS, SWIVEL   | FEMALE, SAE ORFS, SWIVEL           | 100R15                    |

## 8.2 Boom Hoses



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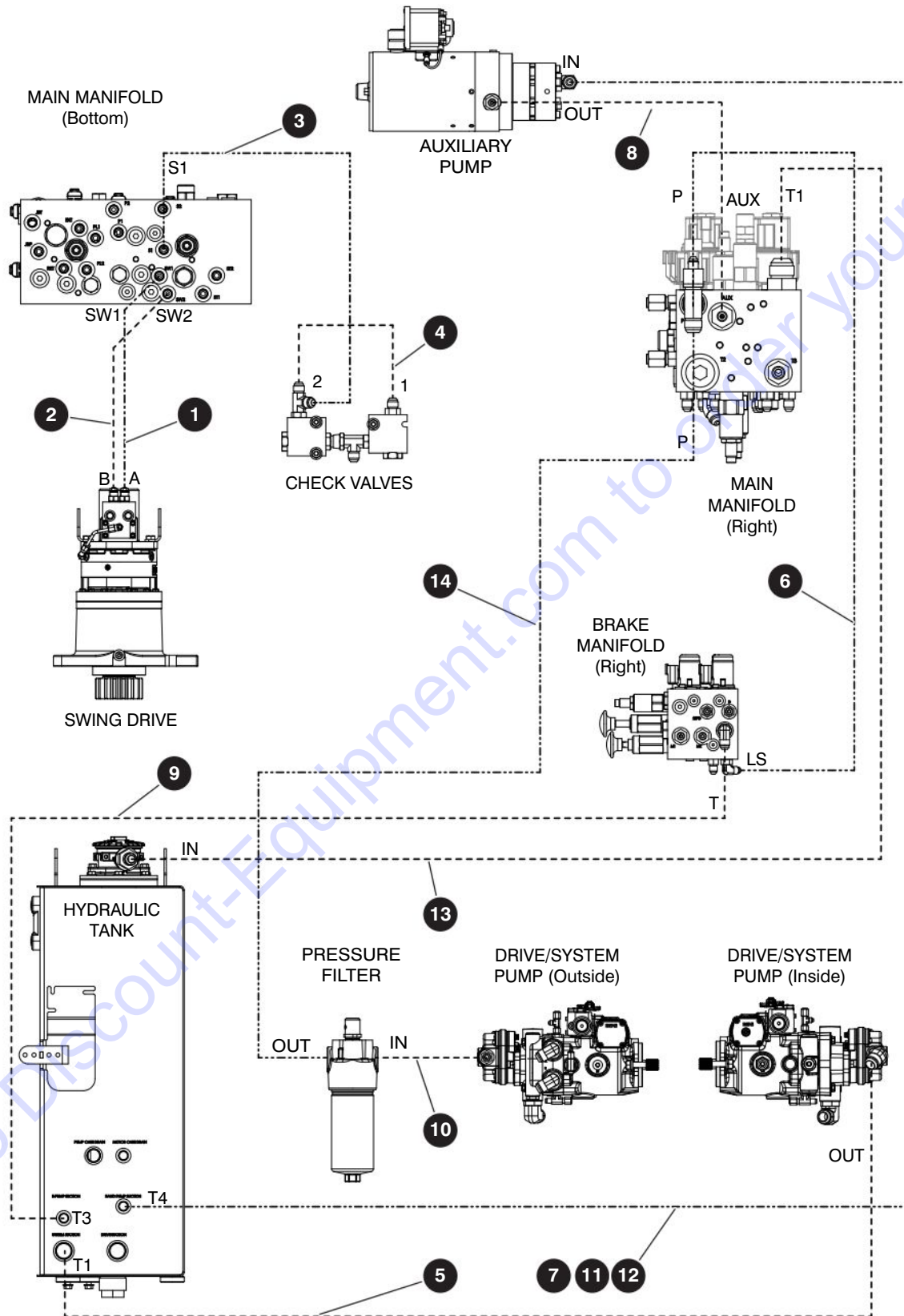
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## 8.2 Boom Hoses

| Index No. | Hose P/N         | From                       |  | To   |                            |
|-----------|------------------|----------------------------|--|------|----------------------------|
|           |                  | Description                | Port   | Port | Description                |
| -         | 218924           | JIB HOSE KIT               |  |      |                            |
| 1         | H3104 0096 0     | Jib Manifold               | 2B   | L    | Rotart Actuator            |
| 2         | H3104 0102 0     | Jib Manifold               | 2A   | R    | Rotart Actuator            |
| 3         | H3104 0077 0     | Jib Manifold               | 1B   | E    | Jib Cylinder               |
| 4         | H3104 0077 0     | Jib Manifold               | 1A   | R    | Jib Cylinder               |
| -         | 218929           | BOOM HOSE KIT              |  |      |                            |
| 5         | H3104 0219 0     | Master Cylinder            | E  | -    | Bulkhead 1 (Fly Boom)      |
| 6         | H3104 0230 0     | Master Cylinder            | R  | -    | Bulkhead 1 (Fly Boom)      |
| 7         | H3104 0210 0     | Jib Manifold               | 3B   | -    | Union                      |
| 8         | H3104 0210 0     | Jib Manifold               | 4A   | -    | Union                      |
| 9         | H3104 0028 2     | Slave Cylinder             | E  | -    | Bulkhead 1 (Fly Boom)      |
| 10        | H3104 0028 2     | Slave Cylinder             | R  | -    | Bulkhead 1 (Fly Boom)      |
| -         | 149103           | RISER HOSE KIT             |  |      |                            |
| 11        | H3104 0380 0     | Main Manifold              | PL1  | E    | Master Cylinder            |
| 12        | H3104 0360 0     | Main Manifold              | PL2  | R    | Master Cylinder            |
| 13        | H3104 0380 0     | Main Manifold              | P1   | E    | Boom Lift Cylinder         |
| 14        | H3104 0374 0     | Main Manifold              | P2   | R    | Boom Lift Cylinder         |
| 15        | H3104 0392 0     | Main Manifold              | JBP  | -    | Union                      |
| 16        | H3104 0392 0     | Main Manifold              | JBT  | -    | Union                      |
| 17        | H3206 0144 0     | Check Valve                | CV2  | E    | Riser Cylinder - RH        |
| 18        | H3104 0144 0     | Main Manifold              | S2   | R    | Riser Cylinder - LH        |
| 19        | H3106 0031 0     | Riser Cylinder LH - Return | R  | R    | Riser Cylinder RH - Return |
| 20        | H3106 0031 0     | Riser Cylinder LH - Return | E  | E    | Riser Cylinder RH - Return |
| 21        | H3106 0346 0     | Main Manifold              | RET  | R    | Extension Cylinder         |
| 22        | H3106 0346 0     | Main Manifold              | EXT  | E    | Extension Cylinder         |
| Index No. | Skyjack Part No. | Qty.                       | Description  |      |                            |
| 23        | 134835           | 2                          | FITTING, Straight (04 JICM - 04 JICM) (component of Riser Hose Kit)      |      |                            |
| 24        | 131732           | 48"                        | SLEEVE, Nylon hose protection (componen of E-Chain Hose Kit) (not shown) |      |                            |
| 25        | 126128           | 2                          | FITTING (4 SAE - 04 JIC) (not shown)                                     |      |                            |



# 8.3 Turret Hoses



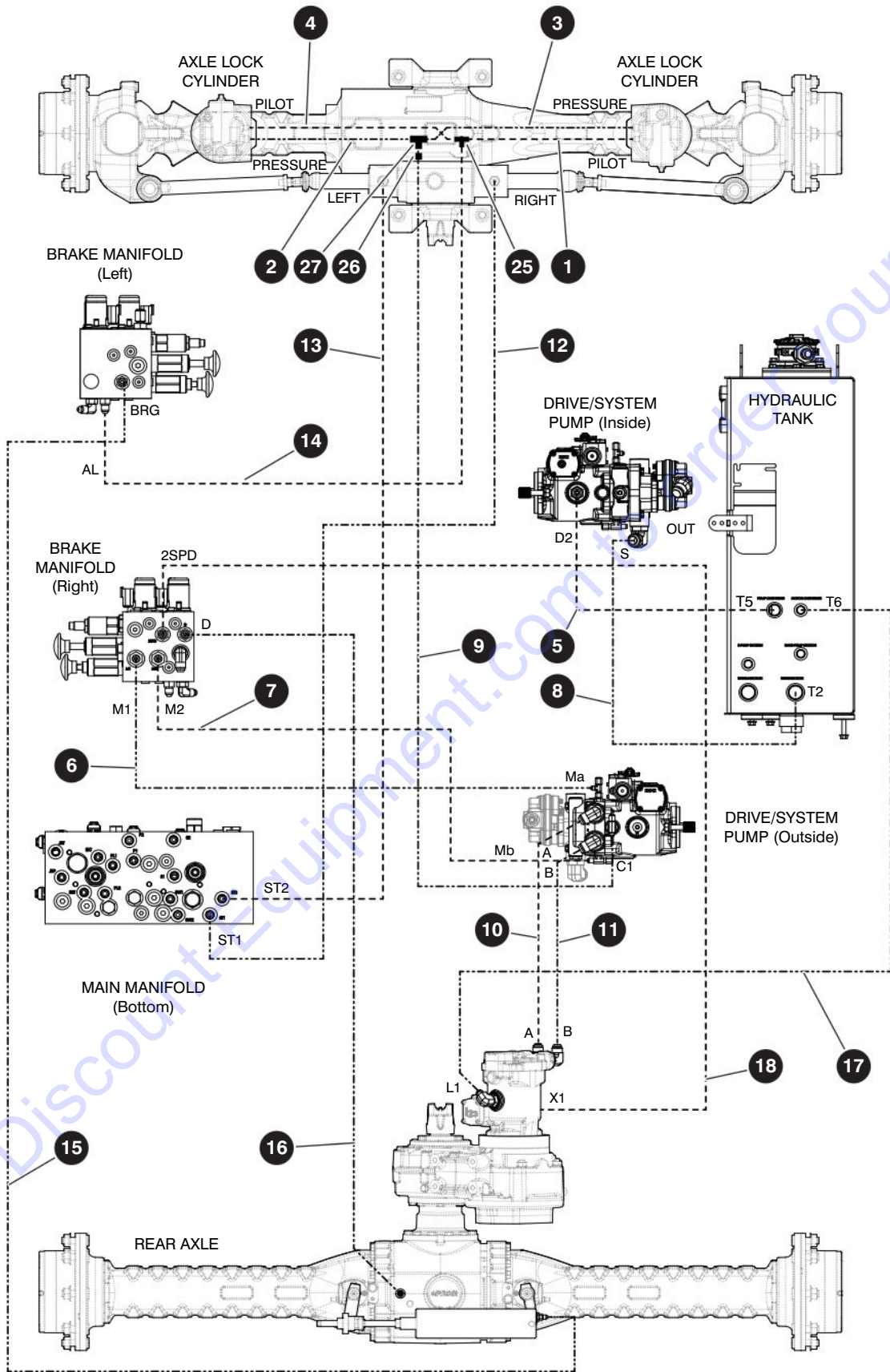
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## 8.3 Turret Hoses

| Index No. | Hose P/N     | From                                  |      | To   |                |
|-----------|--------------|---------------------------------------|------|------|----------------|
|           |              | Description                           | Port | Port | Description    |
| -         | 238506       | TURRET HOSE KIT                       |      |      |                |
| 1         | H3404 0078 0 | Main Manifold                         | SW1  | A    | Swing Drive    |
| 2         | H3404 0078 0 | Main Manifold                         | SW2  | B    | Swing Drive    |
| 3         | H3206 0012 2 | Main Manifold                         | S1   | 2    | Check Valve    |
| 4         | H3106 0016 0 | Check Valve                           | 1    | 2    | Check Valve    |
| -         | 237589       | SYSTEM & AUXILIARY PUMP HOSE KIT      |      |      |                |
| 5         | H3916 0063 0 | System Pump (Suction)                 | OUT  | T1   | Hydraulic Tank |
| 6         | H3204 0042 0 | Main Manifold                         | P    | LS   | Brake Manifold |
| 7         | H1708 0007 0 | Hydraulic Tank (H.P. Suction)         | T4   | IN   | Auxiliary Pump |
| 8         | H3404 0034 0 | Auxiliary Pump                        | OUT  | AUX  | Main Manifold  |
| 9         | H5106 0018 0 | Brake Manifold                        | T    | T3   | Main Manifold  |
| 10        | H5410 0025 0 | Pressure Filter                       | IN   | -    | System Pump    |
| 11        | 144087       | Straight Fitting (08 BARB - 08 JICFS) |      |      |                |
| 12        | 144094       | Hose Clamp (19-21 Mikalor)            |      |      |                |
| -         | 166752       | NO OIL COOLER HOSE KIT                |      |      |                |
| 13        | H5112 0030 0 | Return Filter                         | IN   | T1   | Main Manifold  |
| 14        | H5108 0086 0 | Pressure Filter                       | OUT  | P    | Main Manifold  |

# 8.4 Base Hoses



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## 8.4 Base Hoses

| Index No. | Hose P/N         | From                                     |   | To   |                                |
|-----------|------------------|--|---|------|--------------------------------|
|           |                  | Description                              | Port  | Port | Description                    |
| -         | 211212           | CHASSIS HOSE KIT                         |   |      |                                |
| 1         | H3104 0031 0     | Axle Lock - Pilot Right                  | -   | -    | Axle Lock - Pilot Tee          |
| 2         | H3106 0031 0     | Axle Lock - Pressure Left                | -   | -    | Axle Lock - Pressure Tee       |
| 3         | H3106 0031 0     | Axle Lock - Pressure Right               | -   | -    | Axle Lock - Pressure Tee       |
| 4         | H3104 0031 0     | Axle Lock - Pilot Left                   | -   | -    | Axle Lock - Pilot Tee          |
| -         | 237588           | DRIVE PUMP HOSE KIT                      |   |      |                                |
| 5         | H3812 0077 0     | Drive Pump                               | D2  | T5   | Hydraulic Tank (P. Case Drain) |
| 6         | H4004 0080 0     | Drive Pump                               | Ma  | M1   | Brake Manifold                 |
| 7         | H4004 0080 0     | Drive Pump                               | Mb  | M2   | Brake Manifold                 |
| 8         | H3816 0056 0     | Drive Pump                               | S   | T2   | Hydraulic Tank (Drive Suction) |
| 9         | H3104 0129 0     | Drive Pump                               | C1  | -    | Axle Lock - Pressure Tee       |
| 10        | H0212 0177 0     | Drive Pump                               | A   | A    | Drive Motor                    |
| 11        | H0212 0177 0     | Drive Pump                               | B   | B    | Drive Motor                    |
| -         | 238506           | TURRET HOSE KIT<br>(with hoses from 8.3) |   |      |                                |
| 12        | H3204 0144 0     | Steering Cylinder                        | R   | ST1  | Main Manifold                  |
| 13        | H3204 0144 0     | Steering Cylinder                        | L   | ST2  | Main Manifold                  |
| 14        | H3404 0127 0     | Axle Lock - Pilot Tee                    | -   | AL   | Brake Manifold                 |
| 15        | H3404 0173 0     | Rear Axle - Brake                        | -   | BRG  | Brake Manifold                 |
| 16        | H3404 0171 0     | Rear Axle - Diff Lock                    | -   | D    | Brake Manifold                 |
| 17        | H3108 01420      | Motor                                    | L1  | T6   | Hydraulic Tank                 |
| 18        | H3404 0135 0     | Motor                                    | X1  | 2SPD | Brake Manifold                 |
| Index No. | Skyjack Part No. | Qty.                                     | Description                                 |      |                                |
| 19        | 140914           | 140"                                     | SLEEVE, Nylon (part of drive pump hose kit) |      |                                |
| 20        | 140914           | 140"                                     | SLEEVE, Nylon (part of drive pump hose kit) |      |                                |
| 21        | 131732           | 24"                                      | SLEEVE, Nylon (part of drive pump hose kit) |      |                                |
| 22        | 131732           | 19"                                      | SLEEVE, Nylon (part of drive pump hose kit) |      |                                |
| 23        | 131732           | 13"                                      | SLEEVE, Nylon (part of drive pump hose kit) |      |                                |
| 24        | 131732           | 13"                                      | SLEEVE, Nylon (part of turret hose kit)     |      |                                |
| 25        | 131697           | 1  | FITTING, Tee (04 JICM - 04 JICM - 04 JICM)  |      |                                |
| 26        | 707041           | 1  | FITTING, Straight (06 JICF - 04 JICM)       |      |                                |
| 27        | 131704           | 1  | FITTING, Tee (06 JICM - 06 JICM - 06 JICM)  |      |                                |

## Section 9 – Optional Equipment

**9.1** *Flashing Light*

**9.2** *Oil Quick Drain*

**9.3** *Welder & Mount*

**9.4** *Glazier Tray*

**9.5** *Control Box Cover*

**9.6** *Pipe Rack*

**9.7** *Tool Caddy*

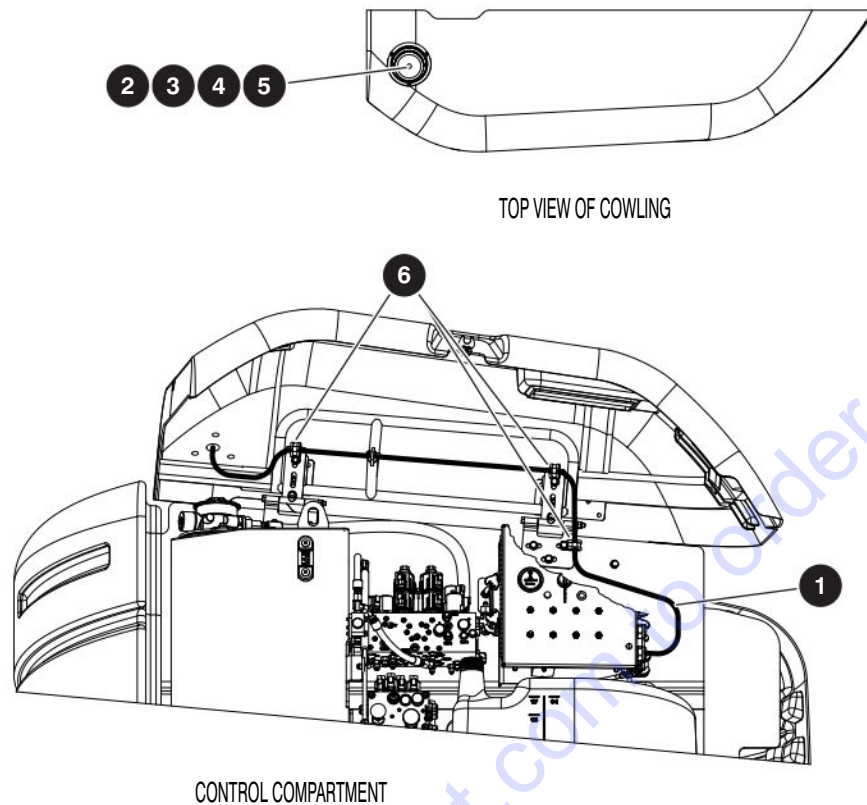
**9.8** *Half-Height Platform Mesh*

**9.9** *External Railing*

**9.10** *Elevate Telematics*

**9.11** *Elevate Telematics Subscription*

## 9.1 Flashing Light



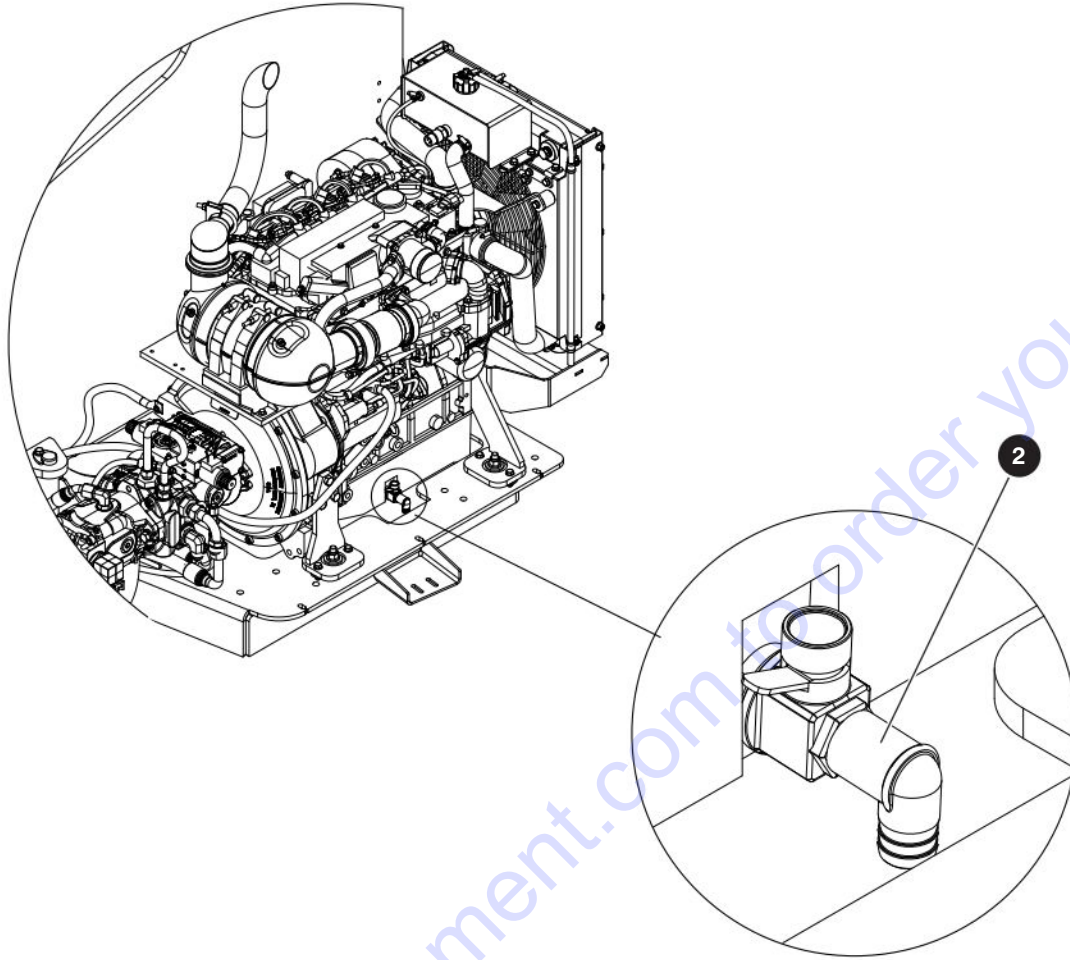
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| Index No. | Skyjack Part No. | Qty. | Description                                   |
|-----------|------------------|------|---|
| -         | 148528           | 1    | FLASHING AMBER LIGHT OPTION                   |
| 1         | 152585           | 1    | • HARNESS, Flash amber light                  |
|           | 117591           | 2    | • • CONNECTOR, Contact socket (16/18 GA)      |
|           | 117599           | 1    | • • CONNECTOR, Wedge (2 pin)                  |
|           | 117597           | 1    | • • CONNECTOR (2 pin)                         |
| 2         | 144078           | 1    | • FLASHING AMBER LIGHT ASSEMBLY               |
|           | 143971           | 1    | • • STROBE LIGHT, Amber (12/24 VDC)           |
|           | 144215           | 1    | • • • FLASH TUBE                              |
|           | 117596           | 1    | • • CONNECTOR, Receptacle (2 pin)             |
|           | 117590           | 2    | • • CONNECTOR, Contact pin (16/18 GA)         |
|           | 117598           | 1    | • • WEDGE, Receptacle (2 pin)                 |
|           | 124399           | 4"   | • • SPLIT LOOM (1/4")                         |
| 3         | 122498           | 3    | • SCREW, Round head machine (#10-32 x 1 1/4") |
| 4         | 300450           | 3    | • LOCKNUT, Hex (#10-32 UNF, nylon insulated)  |
| 5         | 104694           | 3    | • WASHER, Flat (#10 SAE)                      |
| 6         | 102972           | 3    | • CLIP, Double (G8)                           |

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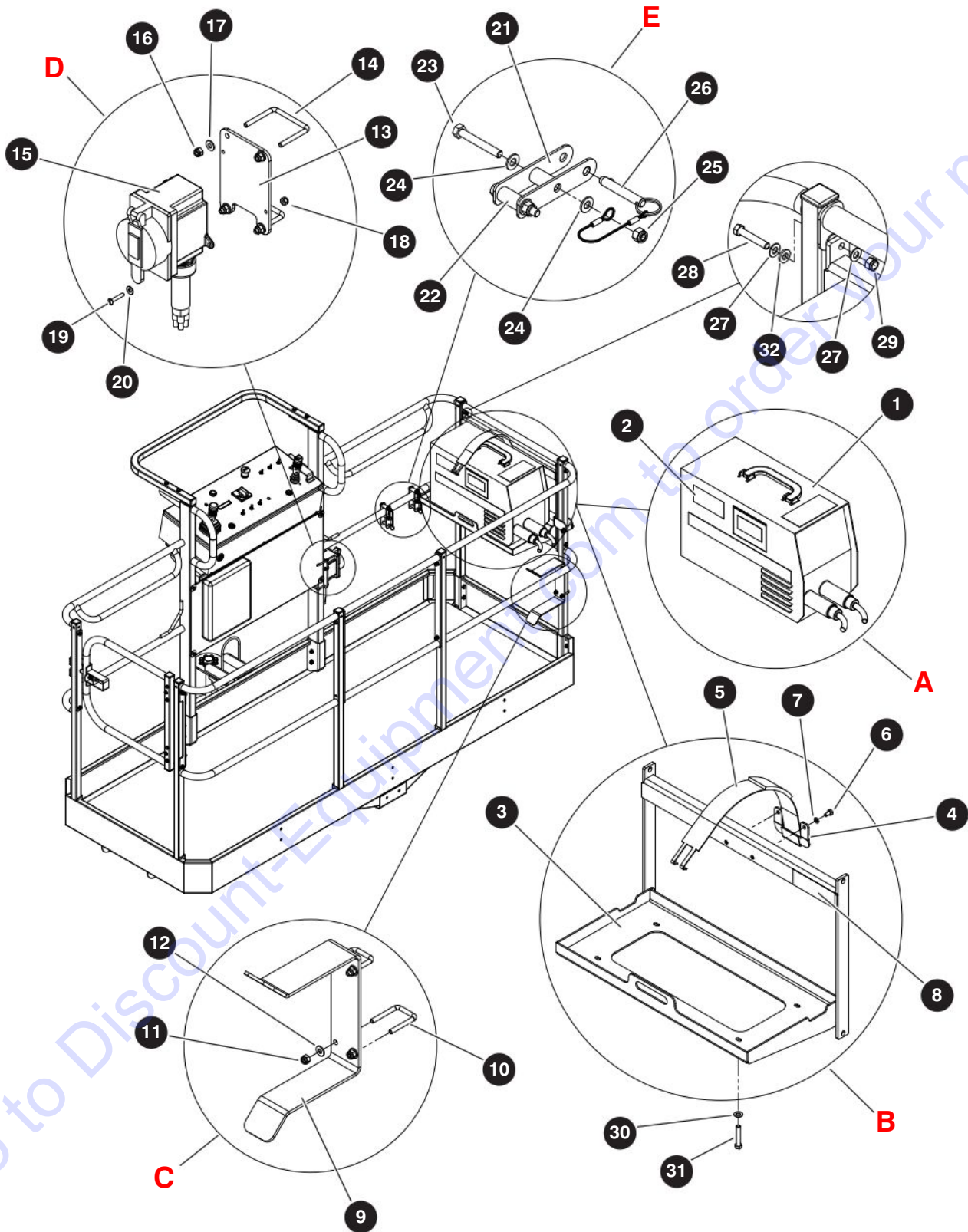
## 9.2 Oil Quick Drain



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| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 171265           | 1    | OIL QUICK DRAIN  |
| 1         | 170731           | 1    | <ul style="list-style-type: none"> <li>VALVE, Oil drain</li> </ul> |

## 9.3 Welder & Mount



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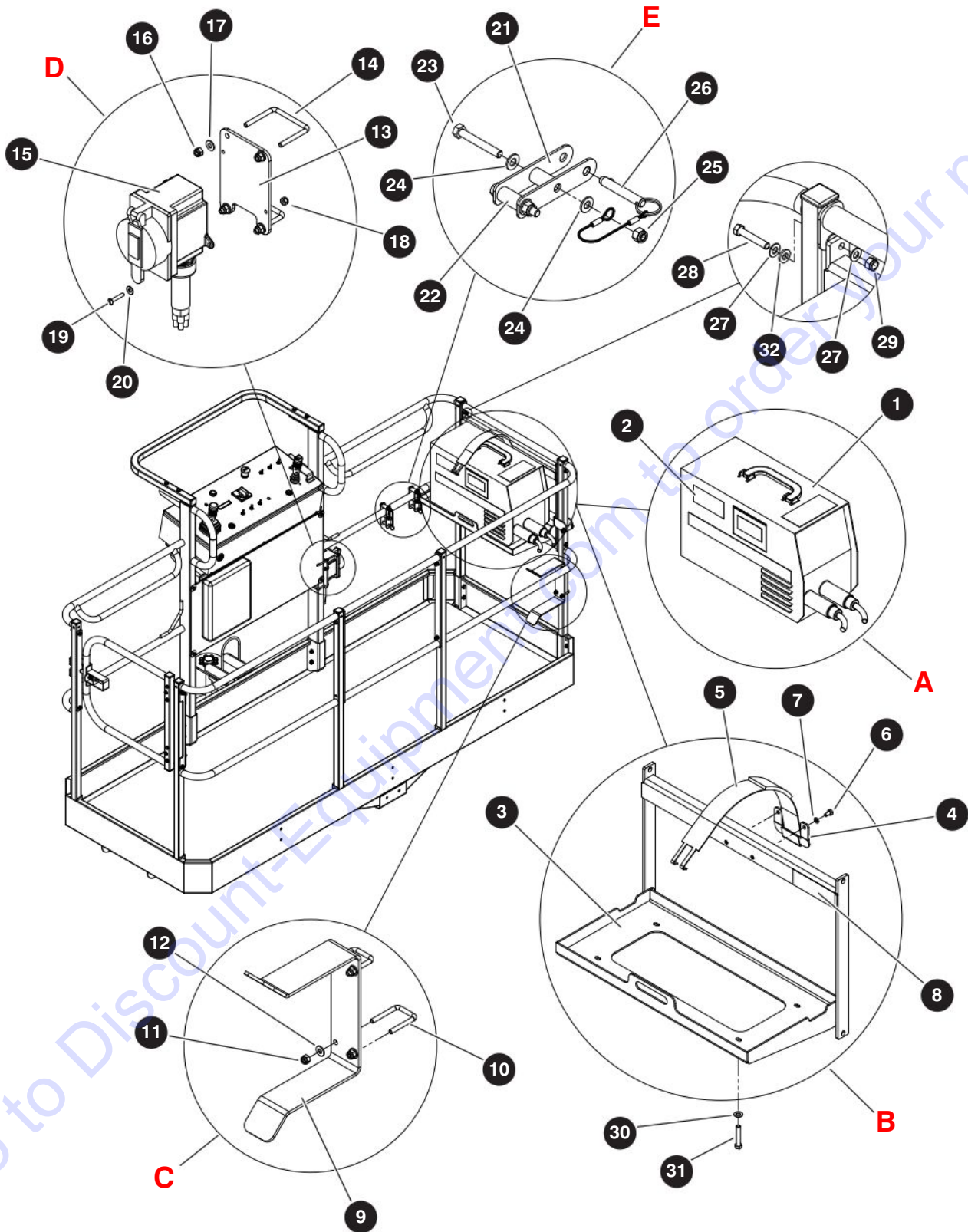
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## 9.3 Welder & Mount

| Index No.  | Skyjack Part No.                | Qty.                   | Description                                   |
|--|---------------------------------|------------------------|---|
| <b>A</b><br>1  | 148383                          | 1                      | WELDER ASSEMBLY - <b>12 kW generator</b>      |
|  | 138811                          | 1                      | • WELDER (275A)                               |
|  | 138813                          | 1                      | • CABLE, Electrode (14')                      |
|  | 144376                          | 1                      | • • ELECTRODE HOLDER (400A)                   |
|  | 144573                          | 168"                   | • • CABLE                                     |
|  | 138814                          | 1                      | • CABLE, Work (14')                           |
|  | 144377                          | 1                      | • • GROUND CLAMP (400A)                       |
|  | 144573                          | 168"                   | • • CABLE                                     |
|  | 144374                          | 1                      | • PLUG, Locking (50A / 250V / 3P)             |
|  | 144603                          | 2                      | • CLAMP, Cushioned loop (0.875" diameter)     |
| 2  | 147112                          | 1                      | • LABEL, Welder weight (90 lbs)               |
| -  | 159917                          | 1                      | MOUNTING ASSEMBLY, 12kW Welder                |
| <b>B</b><br>3<br>4<br>5<br>6<br>7<br>8                   | 159948                          | 1                      | • WELDER TRAY ASSEMBLY                        |
|  | 159955                          | 1                      | • • TRAY, Welder                              |
|  | 137814                          | 1                      | • • PLATE, Strap                              |
|  | 103020                          | 1                      | • • STRAPS (pair)                             |
|  | 103855                          | 2                      | • • BOLT, Hex head (1/4"-20 x 0.50", Grade 5) |
|  | 104000                          | 2                      | • • WASHER, Lock (1/4")                       |
|  | 147112                          | 1                      | • • LABEL, Welder weight (90 lbs)             |
|  | <b>C</b><br>9<br>10<br>11<br>12 | 144218                 | 1   |
| 144220   |                                 | 1                      | • • BRACKET, Welding cables                   |
| 144219   |                                 | 2                      | • • U BOLT, Welder bracket                    |
| 115649   |                                 | 4                      | • • NUT, Hex lock (1/4"-20 Grade 5, nylon)    |
| 103995   |                                 | 4                      | • • WASHER, Flat (1/4")                       |
| <b>D</b><br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | 144221                          | 1                      | • RECEPTACLE ASSEMBLY                         |
|  | 144222                          | 1                      | • • PLATE, Receptacle mounting                |
|  | 144223                          | 2                      | • • U BOLT, Receptacle mounting               |
|  | 141614                          | 1                      | • • ELECTRICAL COMPONENTS ASSEMBLY            |
|  | 139835                          | 1                      | • • • FD BOX, 50A Receptacle                  |
|  | 139832                          | 1                      | • • • RECEPTACLE, Single locking              |
|  | 139836                          | 1                      | • • • COVER, Weather resistant                |
|  | 144367                          | 1                      | • • • STRAIN RELIEF, 1-18" straight           |
|  | 115649                          | 4                      | • • NUT, Hex lock (1/4"-20 Grade 5, nylon)    |
|  | 103995                          | 4                      | • • WASHER, Flat (1/4")                       |
|  | 300450                          | 2                      | • • NUT, Hex lock (#10-32 Grade 5, nylon)     |
|  | 105621                          | 2                      | • • SCREW, Round head machine (#10-32 x 1")   |
| 104694   | 2                               | • • WASHER, Flat (#10) |   |

## 9.3 Welder & Mount



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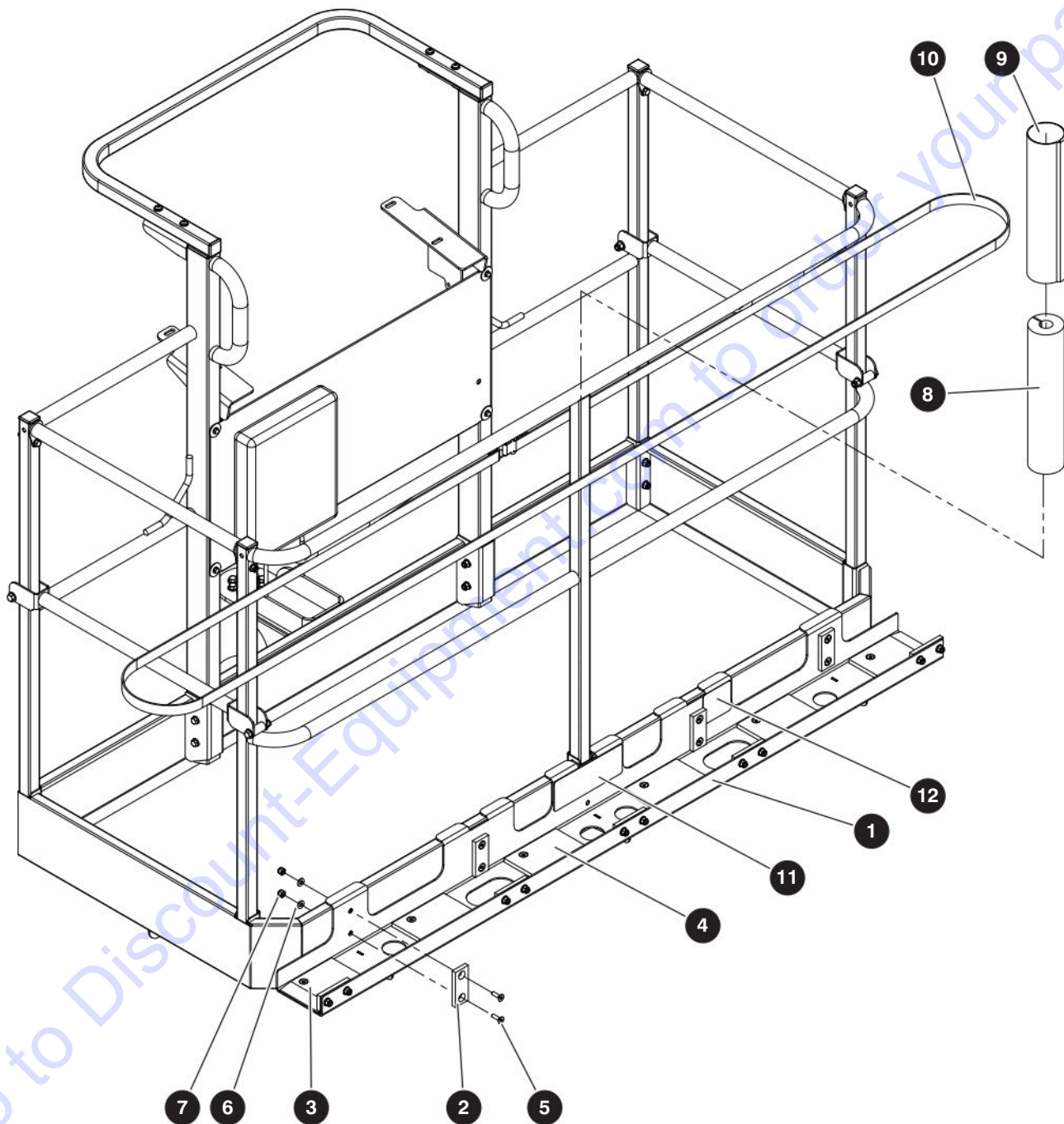
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## 9.3 Welder & Mount

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| <b>E</b>  | 168530           | 2    | • HANGER ASSEMBLY   |
| 21        | 169160           | 2    | • • BRACKET, Welder cable   |
| 22        | 159947           | 2    | • • SPACER, Welder tray   |
| 23        | 103866           | 2    | • • BOLT, Hex head (5/16"-18 x 2 1/4 Grade 5)                             |
| 24        | 103996           | 4    | • • WASHER, Flat (5/16")  |
| 25        | 103984           | 2    | • • NUT, Hex lock nylon lock (5/16"-18 Grade 5)                           |
| 26        | 124548           | 1    | • • PIN, Quick release  |
| 27        | 103996           | 8    | • WASHER, Flat (5/16")  |
| 28        | 103884           | 4    | • BOLT, Hex head (5/16"-18 x 2.50", Grade 5)                              |
| 29        | 103984           | 4    | • NUT, Hex head nylon lock (5/16"-18, Grade 5)                            |
| 30        | 103995           | 4    | • WASHER, Flat (1/4")   |
| 31        | 103857           | 4    | • BOLT, Hex head (1/4"-20 x 1.00" Grade 5)                                |
| 32        | 159960           | 2    | • SPACER, Nylon (0.403" ID x 0.75" OD, x 0.312" long) (drop bar entrance) |
|           | 168336           | 2    | • SPACER, Nylon (0.394" ID x 0.75" OD, x 0.125" long)                     |

## 9.4 Glazier Tray



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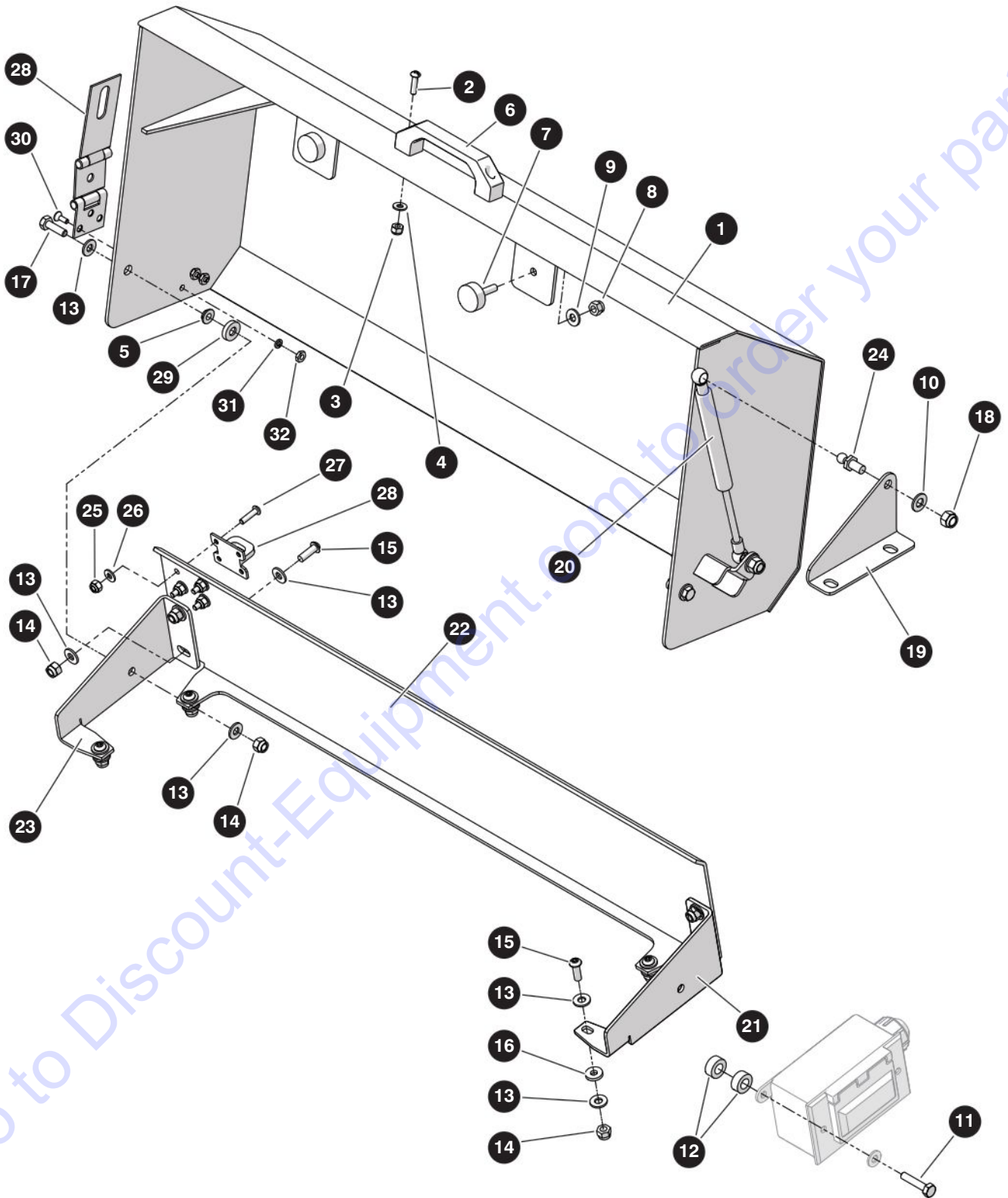
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SKYJACK

## 9.4 Glazier Tray

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 169156           | 1    | GLAZIER FIELD KIT   |
| -         | 169157           | 1    | • GLAZIER PACKAGE ASSEMBLY  |
| -         | 169158           | 1    | • • GLAZIER TRAY ASSEMBLY   |
| 1         | 154402           | 1    | • • • TRAY WELDMENT, Glazier  |
| 2         | 154401           | 9    | • • • PAD, Side tray  |
| 3         | 154399           | 2    | • • • PAD, End tray   |
| 4         | 154400           | 4    | • • • PAD, In tray  |
| 5         | 162116           | 30   | • • • BOLT, Flat head cap screw (5/16"-18 x 1.00", Grade 5)           |
| 6         | 103996           | 30   | • • • WASHER, Flat (5/16")  |
| 7         | 103984           | 30   | • • • NUT, Hex head nylon lock (5/16-18, Grade 5)                     |
| 8         | 144491           | 1    | • • FOAM, Support   |
| 9         | 144604           | 1    | • • COVER, Bumper   |
| 10        | 144613           | 1    | • • STRAP, Glazier kit  |
| 11        | 172630           | 1    | • • LABEL, Panel cradle capacity                                      |
| 12        | 171238           | 1    | • • LABEL, Panel option weight  |
| 13        | 162026           | 1    | • INSTRUCTION, Glazier package operation and installation (not shown) |

# 9.5 Control Box Cover



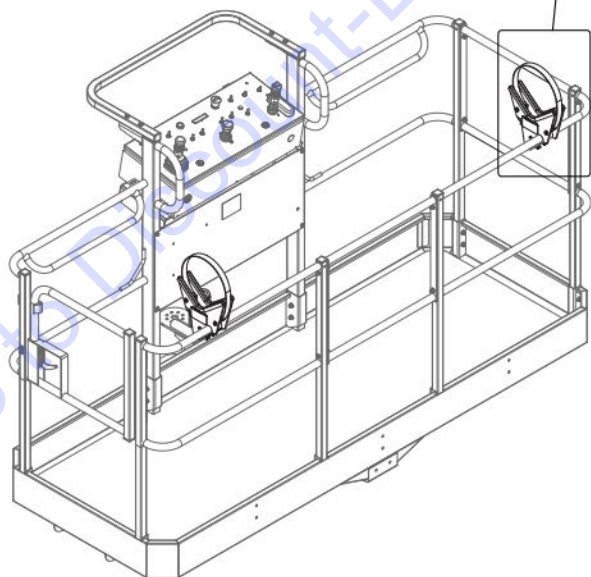
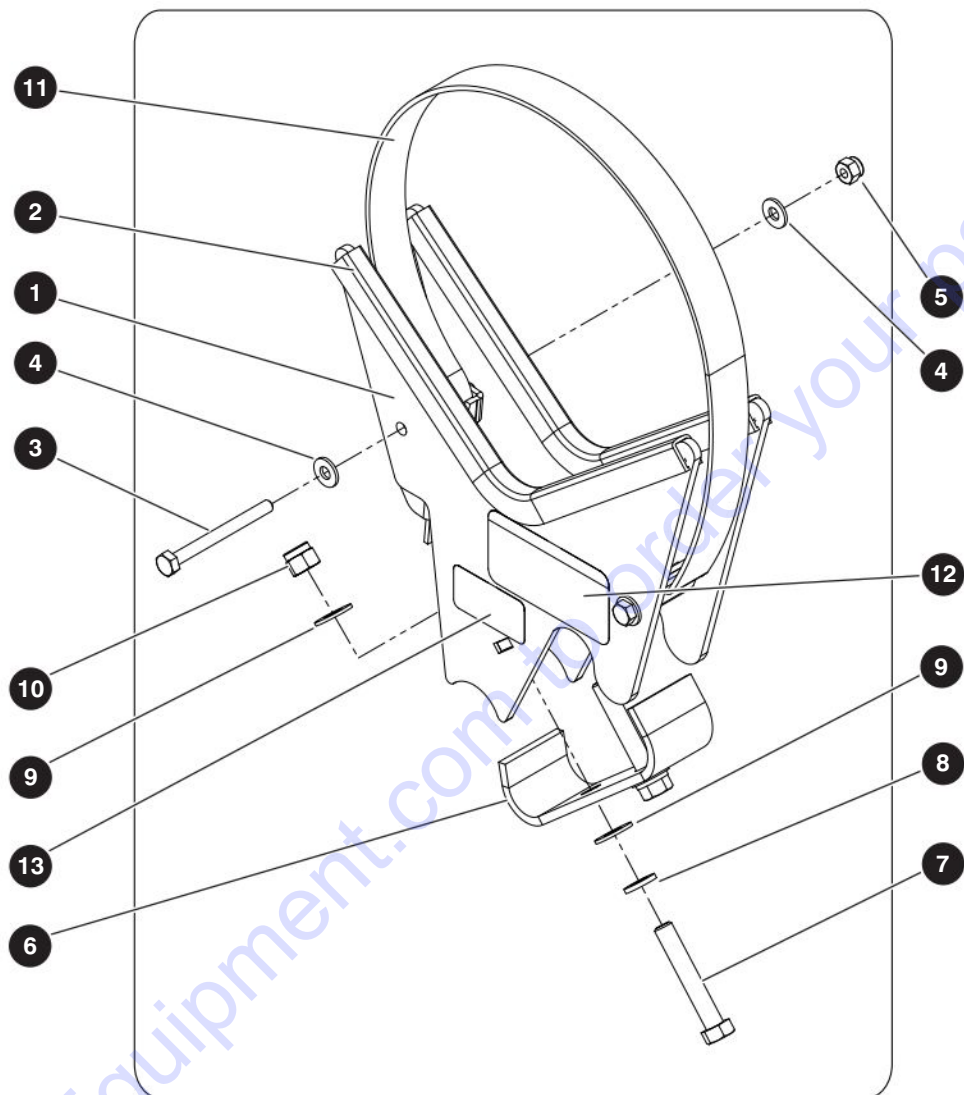
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## 9.5 Control Box Cover

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 216918           | 1    | CONTROL BOX COVER   |
| -         | 216917           | 1    | • COVER ASSEMBLY, Control box                             |
| 1         | 216919           | 1    | • • COVER, Control box                                    |
| 2         | 104698           | 2    | • • SCREW, Round machine (#10-32 x 1")                    |
| 3         | 300450           | 2    | • • NUT, Hex lock (#10-32 Grade 5, nylon)                 |
| 4         | 104694           | 2    | • • WASHER, Flat (#10)                                    |
| 5         | 154305           | 2    | • • BUSHING, Flanged (0.25" ID x 0.1875")                 |
| 6         | 137653           | 1    | • • HANDLE, Pull  |
| 7         | 144015           | 2    | • • MOUNT, Anti-vibration                                 |
| 8         | 115649           | 2    | • • NUT, Hex lock (0.25"-20 Grade 5, nylon)               |
| 9         | 103995           | 2    | • • WASHER, Flat (0.25")                                  |
| 10        | 103996           | 2    | • WASHER, Flat (0.3125")                                  |
| 11        | 103858           | 2    | • BOLT, Hex head (0.25"-20 x 1.25" Grade 5)               |
| 12        | 159960           | 4    | • SPACER, (0.75" OD)                                      |
| 13        | 103995           | 16   | • WASHER, Flat (0.25")                                    |
| 14        | 115649           | 10   | • NUT, Hex lock (0.25"-20 Grade 5, nylon)                 |
| 15        | 139168           | 8    | • SCREW, Button head cap (0.25"-20 x 0.75")               |
| 16        | 159956           | 4    | • WASHER, Rubber (0.25")                                  |
| 17        | 103891           | 2    | • BOLT, Hex head (0.25"-20 x 0.875" Grade 5)              |
| 18        | 103984           | 2    | • NUT, Hex lock (0.3125"-18 Grade 5, nylon)               |
| 19        | 154323           | 1    | • BRACKET, Gas spring                                     |
| 20        | 162101           | 1    | • GAS SPRING, Control box cover                           |
| 21        | 162048           | 1    | • PLATE, Right side cover                                 |
| 22        | 216921           | 1    | • PLATE, Back cover                                       |
| 23        | 162049           | 1    | • PLATE, Left side cover                                  |
| 24        | 162123           | 2    | • STUD, Ball (10 mm x 0.54")                              |
| 25        | 300450           | 4    | • NUT, Hex head nylon lock (10-32, Grade 5)               |
| 26        | 104694           | 4    | • WASHER, Flat (10)                                       |
| 27        | 104698           | 4    | • SCREW, Round head machine (10-32 x 0.75")               |
| 28        | 216675           | 1    | • HASP, Double hinge (3.25")                              |
| 29        | 168336           | 3    | • SPACER, Nylon (0.394" ID x 0.75" OD x 0.125" long)      |
| 30        | 124031           | 3    | • SCREW, Flat head (10-32 x 0.50")                        |
| 31        | 104185           | 3    | • WASHER, Lock (10)                                       |
| 32        | 104003           | 3    | • NUT, Hex (10-32)  |
| 33        | 162032           | 1    | • INSTRUCTION, Control box cover installation (not shown) |

## 9.6 Pipe Rack



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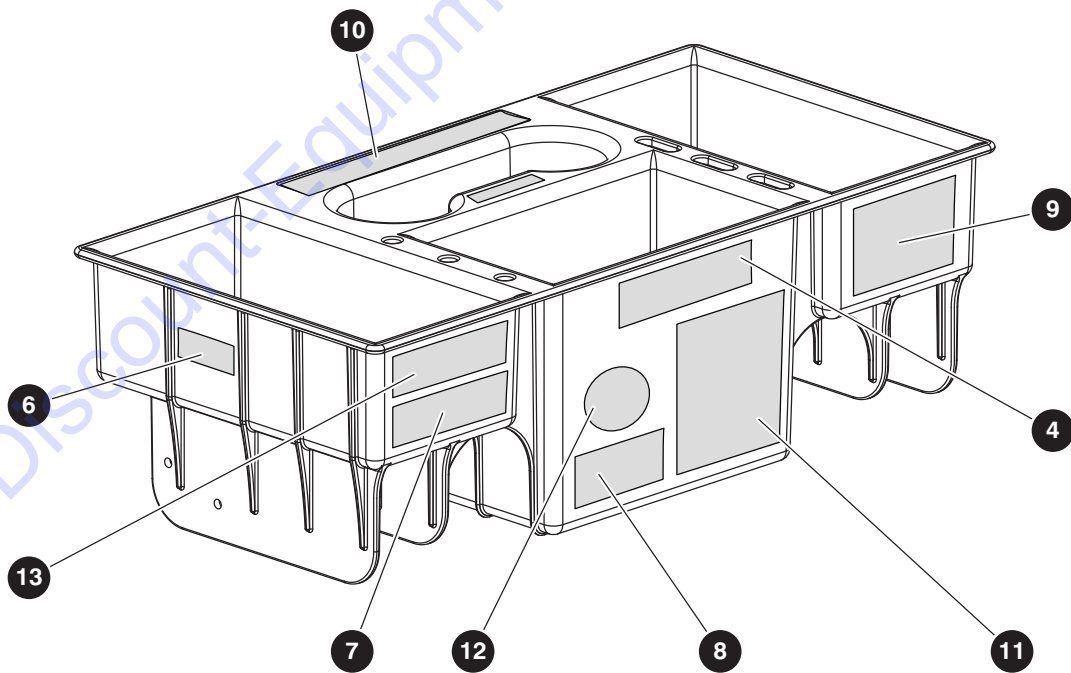
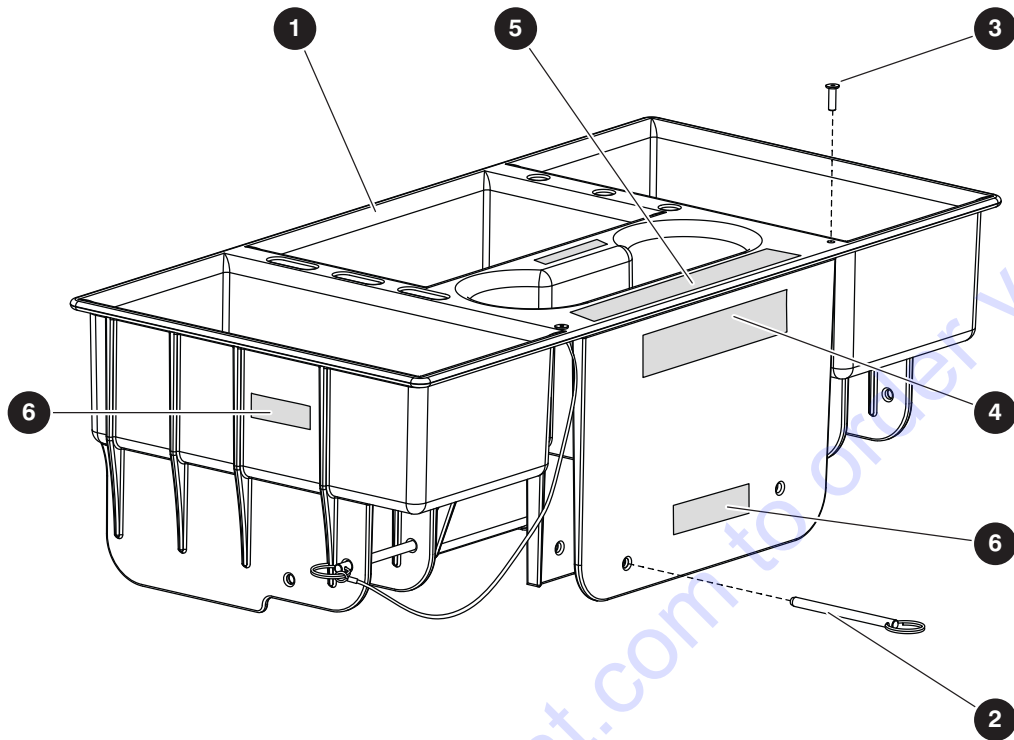
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## 9.6 Pipe Rack

| Index No. | Skyjack Part No. | Qty. | Description                                       |
|-----------|------------------|------|---|
| -         | 148559           | 1    | PIPE RACK   |
| -         | 149112           | 1    | • PIPE RACK ASSEMBLY                              |
| 1         | 144495           | 1    | • • WELDMENT, PIPE RACK                           |
| 2         | 117398           | 48"  | • • TRIM, Protective                              |
| 3         | 144501           | 4    | • • BOLT, Hex head (0.25"-20 x 2.75", Grade 5)    |
| 4         | 103995           | 8    | • • WASHER, Flat (0.25")                          |
| 5         | 115649           | 4    | • • NUT, Hex head nylon lock (0.25"-20, Grade 5)  |
| 6         | 144499           | 2    | • • PLATE, Pipe rack bottom                       |
| 7         | 103872           | 4    | • • BOLT, Hex head (0.375"-16 x 2.25", Grade 5)   |
| 8         | 103999           | 4    | • • WASHER, Lock (0.375")                         |
| 9         | 103472           | 4    | • • WASHER, Flat (0.375")                         |
| 10        | 104606           | 2    | • • NUT, Hex head nylon lock (0.375"-16)          |
| 11        | 144500           | 2    | • • STRAP, Pipe rack                              |
| 12        | 172383           | 2    | • • LABEL, Pipe rack capacity                     |
| 13        | 171239           | 2    | • • LABEL, Capacity reduction                     |
| 14        | 162725           | 1    | • INSTRUCTION, Pipe rack installation (not shown) |

## 9.7 Tool Caddy



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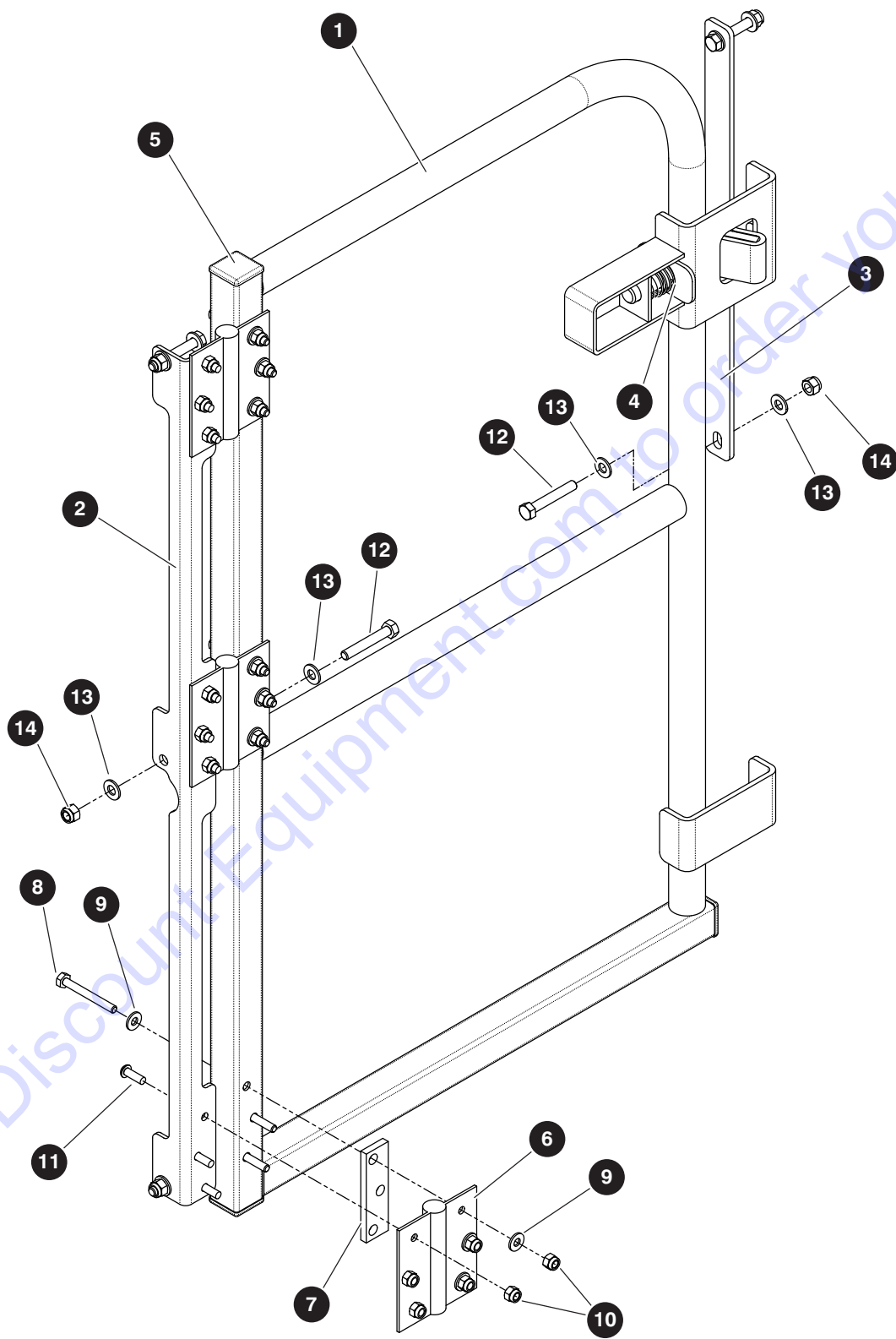
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## 9.7 Tool Caddy

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| -         | 211271           | 1    | TOOL CADDY KIT                                       |
| -         | 204334           | 1    | • TOOL CADDY ASSEMBLY                                |
| 1         | 198945           | 1    | • • TOOL CADDY TRAY, Plastic (Std)                   |
| 2         | 198965           | 2    | • • PIN, Quick release 1/4x3.2 LG with Lanyard       |
| 3         | 116161           | 2    | • • RIVET, Pop (0.1875" x 0.565")                    |
| 4         | 172293           | 2    | • • LABEL, Skyjack logo, 5" white                    |
| 5         | 172294           | 1    | • • LABEL, Skyjack logo, 3" white                    |
| 6         | 168421           | 3    | • • LABEL, Lock pin in place                         |
| 7         | 172245           | 1    | • • LABEL, Tool caddy weight                         |
| 8         | 172246           | 1    | • • LABEL, Tool caddy pin location                   |
| 9         | 172247           | 1    | • • LABEL, Tool caddy location                       |
| 10        | 172292           | 1    | • • LABEL, Accessoryzers, 8" white                   |
| 11        | 172298           | 1    | • • LABEL, Tool caddy models serial numbers          |
| 12        | 172299           | 1    | • • LABEL, Do not block exit/entrance                |
| 13        | 172297           | 1    | • • LABEL, Drive slowly when tool caddy is installed |
| 14        | 204306           | 1    | • INSTRUCTIONS, Tool caddy installation (not shown)  |

## 9.8 Half-Height Platform Mesh



M211359AA

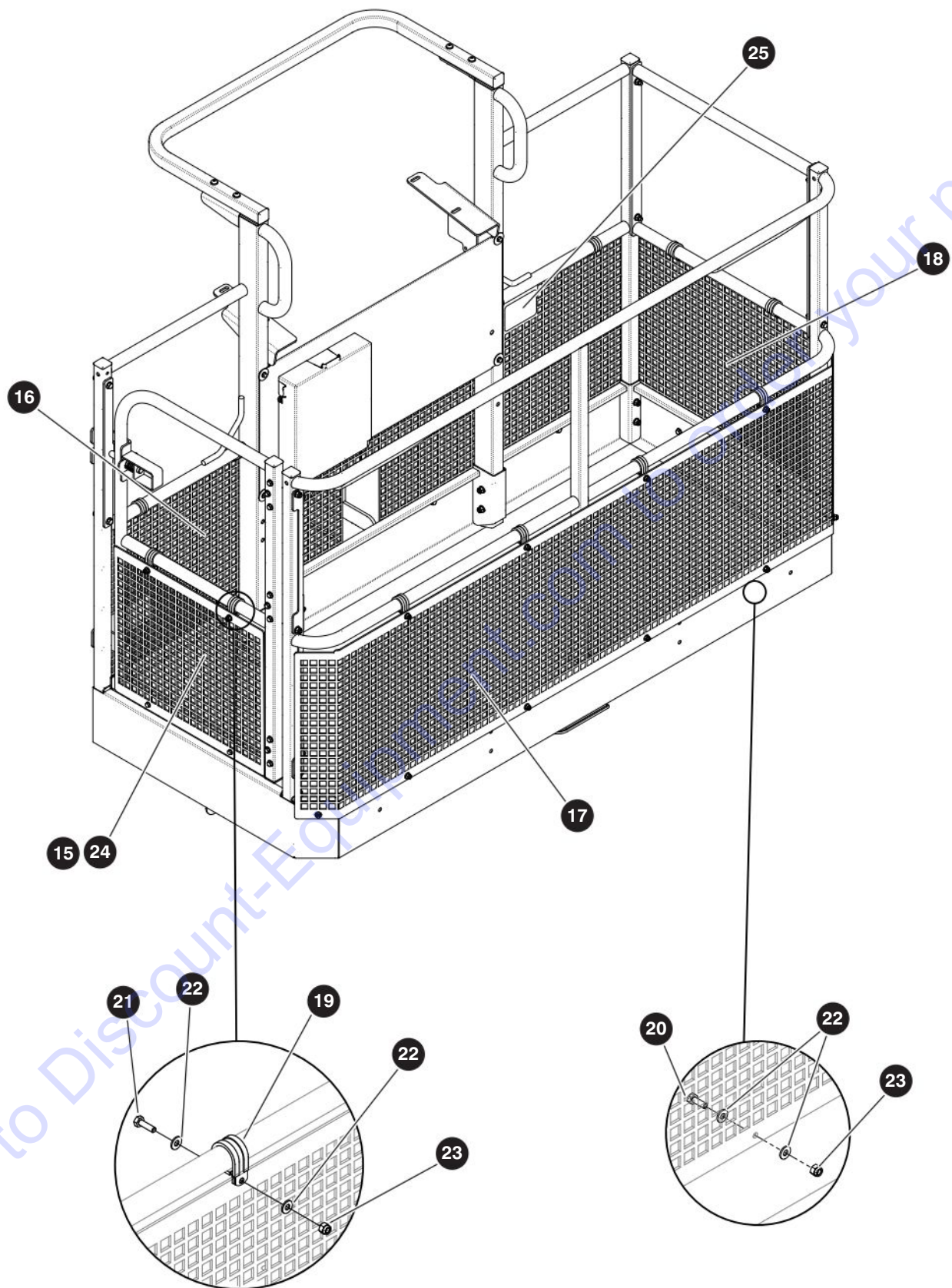
238271AAA

SJ45 AJ+

## 9.8 Half-Height Platform Mesh

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| <b>A</b>  | 211779           | 1    | • HALF HEIGHT MESH KIT for 6' / 1.83 m Side Entry Platform |
| <b>B</b>  | 211780           | 1    | • HALF HEIGHT MESH KIT for 5' / 2.44 m Side Entry Platform |
| -         | 211364           | 1    | • MESH ASSEMBLY, Side entry 6' / 2.44 m platform, <b>A</b> |
| -         | 211211           | 1    | • MESH ASSEMBLY, Side entry 5' / 2.44 m platform, <b>B</b> |
| -         | 211359           | 1    | • • FULL SWING GATE  |
| 1         | 209032           | 1    | • • • GATE, Swing - full                                   |
| 2         | 211375           | 1    | • • • BRACKET, Mounting - hinge                            |
| 3         | 166287           | 1    | • • • PLATE, Locking                                       |
| 4         | 110824           | 1    | • • • LATCH, Pin - door spring                             |
|           | 105312           | 1    | • • • • BED, Latch   |
|           | 109377           | 1    | • • • • PIN, Latch (0.625" x 4.187")                       |
|           | 105307           | 1    | • • • • HANDLE, Latch                                      |
|           | 103107           | 1    | • • • • SPRING, Compression                                |
|           | 100950           |      | • • • • PIN, Spring (0.125" x 1.00")                       |
| 5         | 100702           | 3    | • • • PLUG, Tube (1.25" x 1.25")                           |
| 6         | 209527           | 3    | • • • HINGE, Spring  |
| 7         | 164592           | 3    | • • • TAB, Hinge   |
| 8         | 103862           | 9    | • • • BOLT, Hex head (0.25"-20 x 2.25" gr 5)               |
| 9         | 103995           | 18   | • • • WASHER, Flat (0.25")                                 |
| 10        | 115649           | 18   | • • • NUT, Lock (0.25"-20 gr 5 nylon)                      |
| 11        | 139168           | 9    | • • • BOLT, Button head cap screw (0.25"-20 x 0.75")       |
| 12        | 103865           | 5    | • • • BOLT, Hex head (0.312"-18 x 2.00" gr 5)              |
| 13        | 103996           | 10   | • • • WASHER, Flat (0.312")                                |
| 14        | 103984           | 5    | • • • NUT, Lock (0.313"-18 gr 5 nylon)                     |
|           |                  |      | <b>Parts list continued on the next page.</b>              |

## 9.8 Half-Height Platform Mesh



M211779AA

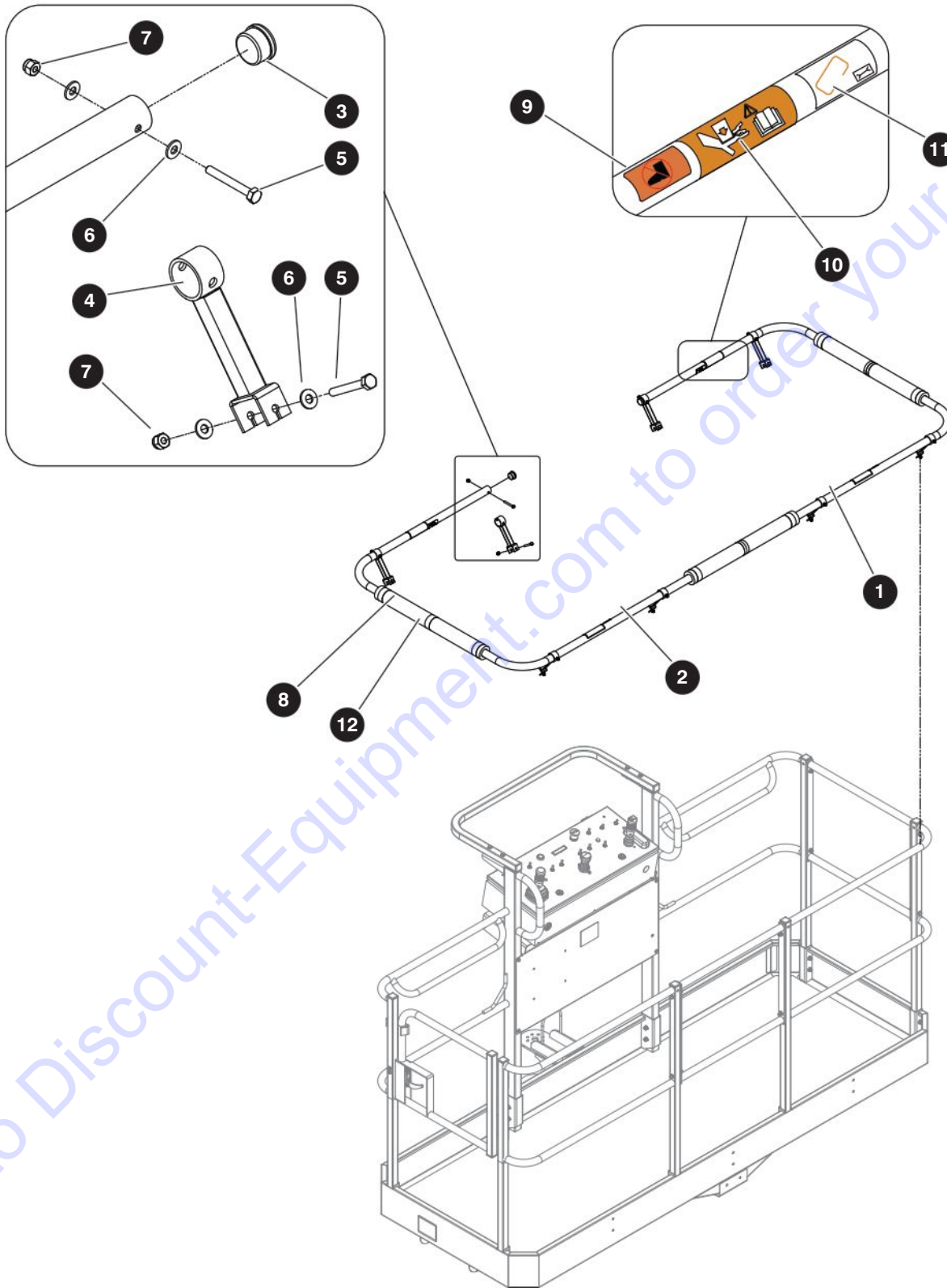
238271AAA

SJ45 AJ+

## 9.8 Half-Height Platform Mesh

| Index No.   | Skyjack Part No. | Qty. | Description   |
|---|------------------|------|---|
| <b>A</b>  | 211779           | 1    | • HALF HEIGHT MESH KIT for 6' / 1.83 m Side Entry Platform        |
| <b>B</b>  | 211780           | 1    | • HALF HEIGHT MESH KIT for 5' / 2.44 m Side Entry Platform        |
| <b>Parts list continued from the previous page.</b> |                  |      |   |
| 15  | 208942           | 1    | • • MESH, Gate  |
| 16  | 211608           | 1    | • • MESH, Front - 30" x 72" / 0.76 m x 1.83 m platform, <b>A</b>  |
|   | 211610           | 1    | • • MESH, Front - 30" x 60" / 0.76 m x 1.52 m platform, <b>B</b>  |
| 17  | 211606           | 1    | • • MESH, Rear - 30" x 72" / 0.76 m x 1.83 m platform, <b>A</b>   |
|   | 211609           | 1    | • • MESH, Rear - 30" x 60" / 0.76 m x 1.52 m platform, <b>B</b>   |
| 18  | 211605           | 1    | • • MESH, Side - 30" / 0.76 m platform, <b>A, B</b>               |
| 19  | 209030           | 12   | • • CLAMP, Loop - cushioned (#19), <b>A, B</b>                    |
| 20  | 103891           | 12   | • • BOLT, Hex head (0.25"-20 x 0.875" gr 5), <b>A, B</b>          |
| 21  | 103856           | 12   | • • BOLT, Hex head (0.25"-20 x 0.75" gr 5), <b>A, B</b>           |
| 22  | 103995           | 48   | • • WASHER, Flat (0.25"), <b>A, B</b>                             |
| 23  | 115649           | 24   | • • NUT, Lock (0.25"-20 gr 5 nylon), <b>A, B</b>                  |
| 24  | 103632           | 2    | • • BOLT, Self-tapping hex head (0.25"-14 x 0.75")                |
| 25  | 172519           | 1    | • • LABEL, Mesh weight (25 kg/55 lb)                              |
| 26  | 211727           | 1    | • INSTRUCTION, Half height platform mesh installation (not shown) |

## 9.9 External Railing



M162055AD\_1

238271AAA

SJ45 AJ+



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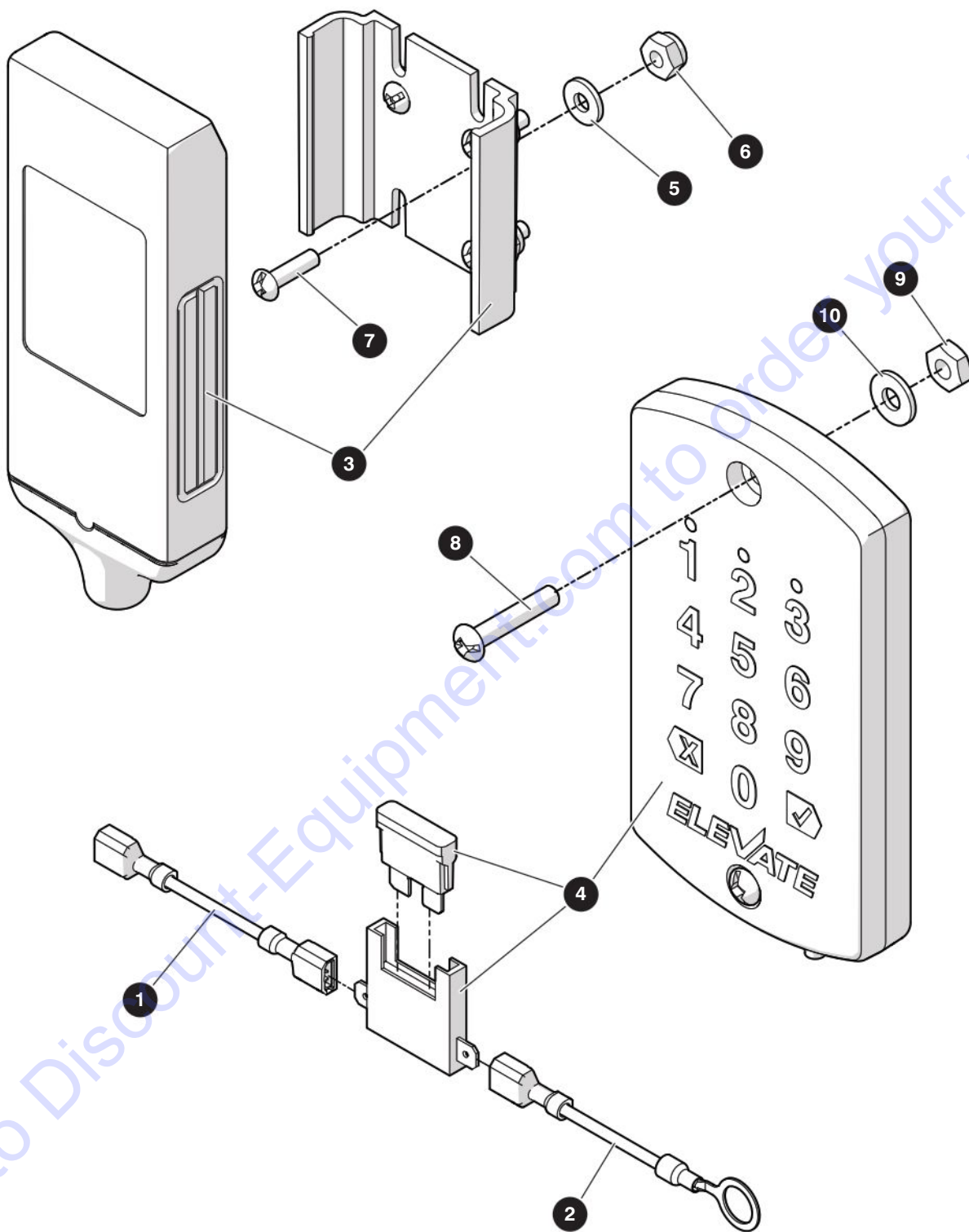
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## 9.9 External Railing

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| -         | 152575           | 1    | EXTERNAL RAILING FIELD KIT - <i>for 6' platforms only</i> |
| -         | 152574           | 1    | • EXTERNAL RAILING ASSEMBLY                               |
| 1         | 152573           | 1    | • • TUBE, External railing (right)                        |
| 2         | 152572           | 1    | • • TUBE, External railing (left)                         |
| 3         | 144048           | 2    | • • PLUG, Round end                                       |
| 4         | 144747           | 8    | • • WELDMENT, External railing stand-off                  |
| 5         | 103861           | 16   | • • BOLT, Hex head (0.25"-20 x 2" Grade 5)                |
| 6         | 103995           | 32   | • • WASHER, Flat (0.25")                                  |
| 7         | 115649           | 16   | • • NUT, Hex head nylon lock (0.25"-20 Grade 5)           |
| 8         | 104183           | 6'   | • • PAD, Entry railing                                    |
| 9         | 115543           | 6    | • • LABEL, Warning no step                                |
| 10        | 137988           | 6    | • • LABEL, Hazard crush/pinch point                       |
| 11        | 171237           | 6    | • • LABEL, External railing weight                        |
| 12        | 119803           | 1    | • • LABEL, Caution tape (108' roll)                       |
| 13        | 162030           | 1    | • INSTRUCTION, External railing installation (not shown)  |

## 9.10 Elevate Telematics




M236118A


238271AAA

SJ45 AJ+

## 9.10 Elevate Telematics

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
|           |                  |      |  <b>NOTE</b><br>A subscription is required to use the Elevate Telematics option. Refer to "Elevate Telematics Subscription" on page 204. |
| A         | 236118           | 1    | ELEVATE TELEMATICS WITH KEYPAD INSTALLATION KIT   |
| B         | 236169           | 1    | ELEVATE TELEMATICS WITHOUT KEYPAD INSTALLATION KIT  |
| -         | 218453           | 1    | • ELEVATE TELEMATICS INSTALLATION KIT, <b>A</b>   |
|           | 218454           | 1    | • ELEVATE TELEMATICS INSTALLATION KIT, <b>B</b>   |
| -         | 236134           | 1    | • • ELEVATE TELEMATICS ASSEMBLY, <b>A</b>   |
|           | 236135           | 1    | • • ELEVATE TELEMATICS ASSEMBLY, <b>B</b>   |
| 1         | 221149           | 1    | • • • WIRE ASSEMBLY, B+   |
| 2         | 220577           | 1    | • • • WIRE ASSEMBLY, B+   |
| 3         | 213098           | 1    | • • • TELEMATICS, Elevate GPS ME501-4   |
| 4         | 213099           | 1    | • • • TELEMATICS, Elevate keypad, <b>A</b>  |
| 5         | 191833           | 4    | • • • WASHER, Flat (#6)   |
| 6         | 196306           | 4    | • • • NUT, Lock (6-32 gr 5 nylon)   |
| 7         | 114678           | 4    | • • • SCREW, Round head machine (6-32 x 1/2")   |
| 8         | 126499           | 2    | • • • SCREW, Round head machine (8-32 x 7/8"), <b>A</b>   |
| 9         | 103986           | 2    | • • • NUT, Hex (8-32), <b>A</b>   |
| 10        | 103991           | 2    | • • • WASHER, Flat (#8), <b>A</b>   |
| 11        | 102892           | 20   | • TIE, Cable (5-3/8") (not shown)   |
| 12        | 221111           | 1    | • INSTRUCTION, Operating - Elevate telematics (not shown), <b>A</b>   |
| 13        | 236117           | 1    | • INSTRUCTIONS, Elevate telematics installation (not shown)   |

## 9.11 Elevate Telematics Subscription

| Index No.  | Skyjack Part No.  | Qty.   | Description   |
|--|---|--|---|
| <p>1</p> <p>2</p> <p>3</p> <p>4</p> <p>5</p> <p>6</p> <p>7</p> <p>8</p> <p>9</p> | <p>221153</p> <p>221647</p> <p>221348</p> <p>221154</p> <p>221650</p> <p>221651</p> <p>221155</p> <p>221654</p> <p>221655</p> | <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> | <p> <b>NOTE</b><br/> <i>One of the following subscriptions is required to use the Elevate Telematics option.</i></p> <p>SUBSCRIPTION, Elevate telematics - Monitoring (12 months)</p> <p>SUBSCRIPTION, Elevate telematics - Engage (12 months)</p> <p>SUBSCRIPTION, Elevate telematics - Engage + Access (12 months)</p> <p>SUBSCRIPTION, Elevate telematics - Monitoring (36 months)</p> <p>SUBSCRIPTION, Elevate telematics - Engage (36 months)</p> <p>SUBSCRIPTION, Elevate telematics - Engage + Access (36 months)</p> <p>SUBSCRIPTION, Elevate telematics - Monitoring (60 months)</p> <p>SUBSCRIPTION, Elevate telematics - Engage (60 months)</p> <p>SUBSCRIPTION, Elevate telematics - Engage + Access (60 months)</p> |

# Section 10 – Labels

**10.1** *Label Kit*

**10.2** *Labels - Front and Back*

**10.3** *Labels - Left & Right Sides*

**10.4** *Labels - Platform*

**10.5** *Labels - Controls Compartment*

**10.6** *Labels - Engine Compartment*

## 10.1 Label Kit

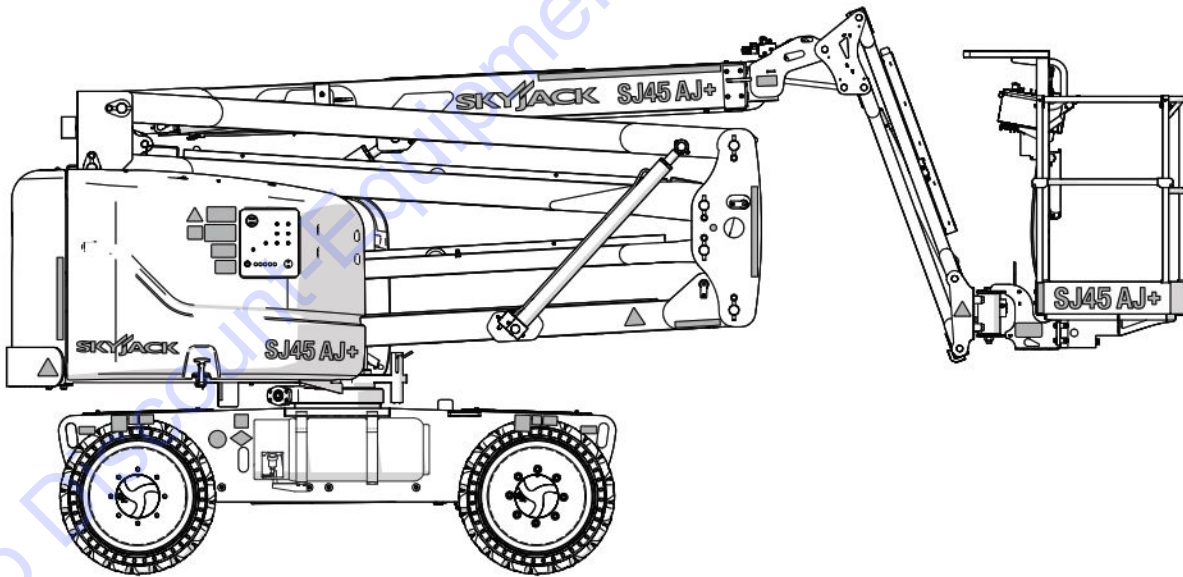
The following label kits contain all of the labels required for a complete standard machine, with the exception of:

- Serial number plates
- Engine- and fuel-specific labels (ANSI/CSA only)
- Safety tape
- Powerline clearance (AS only)

Contact Discount-equipment to order those labels individually.

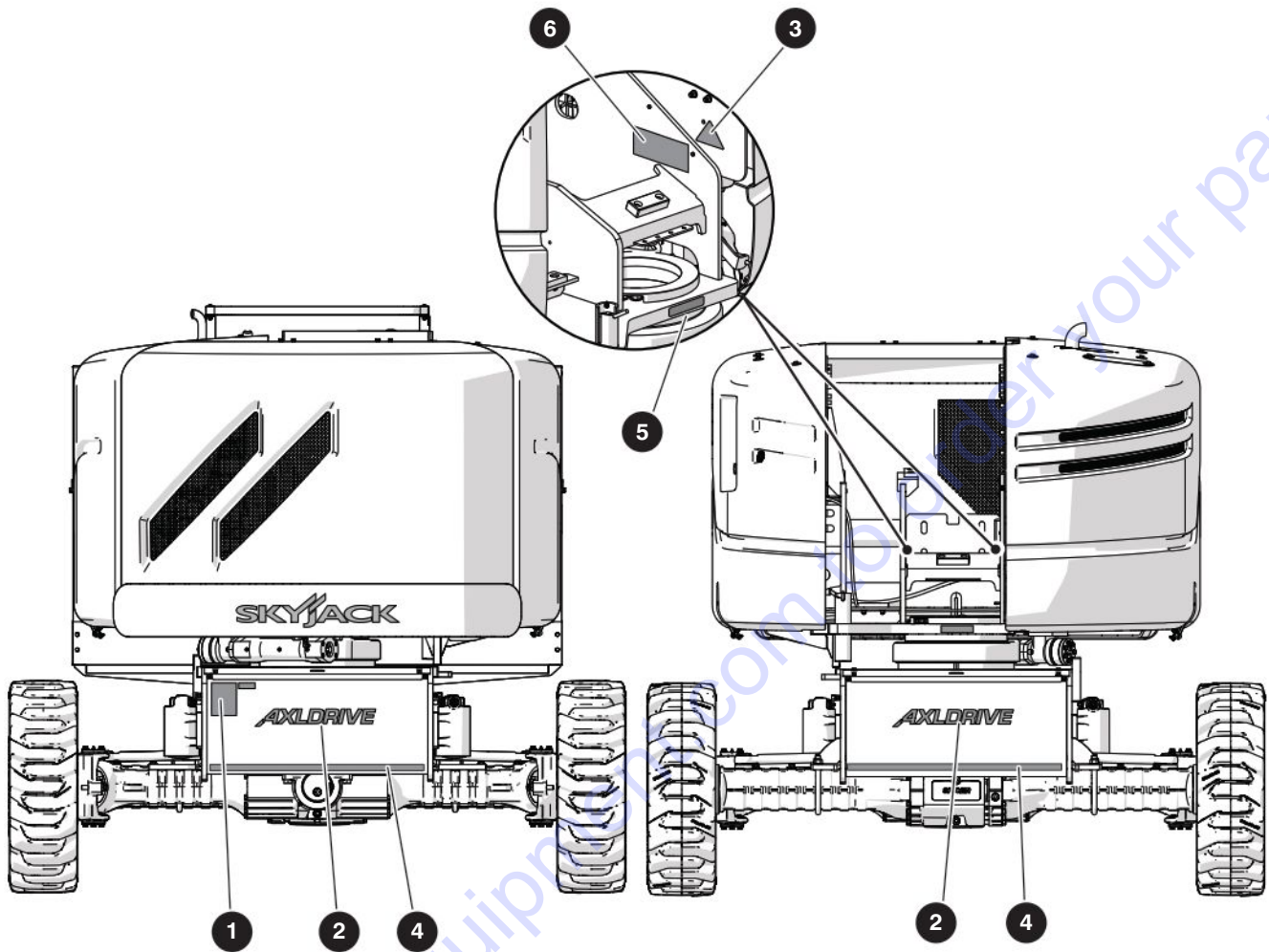
Supply the model number, country, and language when ordering label kits.

| Index No. | Skyjack Part No. | Qty. | Description                  |
|-----------|------------------|------|------------------------------|
| -         | TBD              | 1    | LABEL KIT, SJ45 AJ+ ANSI/CSA |
| -         | TBD              | 1    | LABEL KIT, SJ45 AJ+ CE       |
| -         | TBD              | 1    | LABEL KIT, SJ45 AJ+ AS       |



**SKYJACK**<sup>TM</sup>

## 10.2 Labels - Front and Back

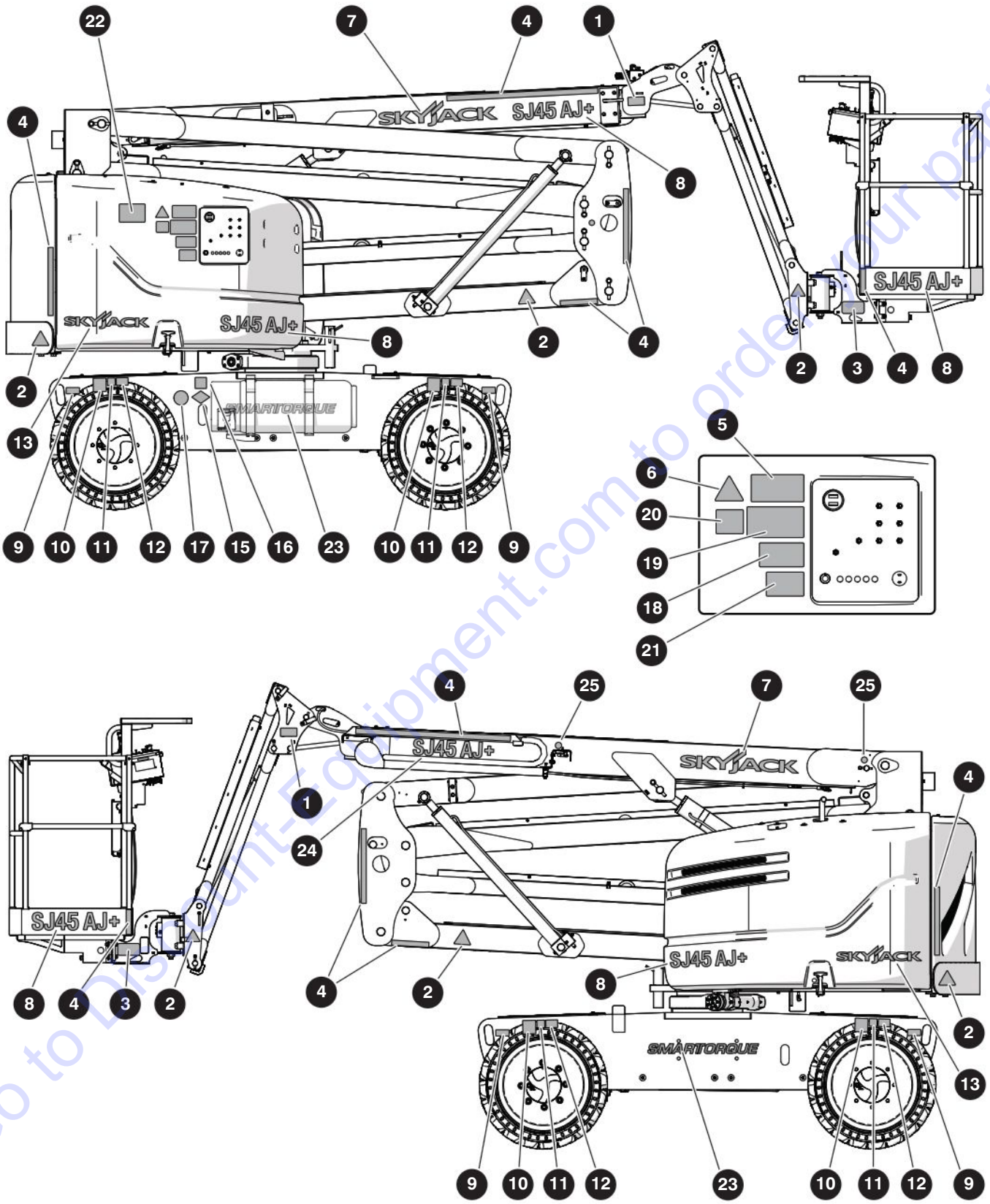


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| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| 1         | (Ref.)           | 1    | LABEL, Serial plate <i>(please consult Discount-equipment)</i> |
| 2         | 173302           | 2    | LABEL, Axle drive  |
| 3         | 223640           | 2    | LABEL, Body crush  |
| 4         | 119803           | 60"  | TAPE, Caution - 1"   |
| 5         | 138211           | 1    | LABEL, Connect AC supply                                       |
| 6         | 172680           | 2    | LABEL, Maintenance stand                                       |



# 10.3 Labels - Left & Right Sides



M173506AB\_M173504AB\_CS

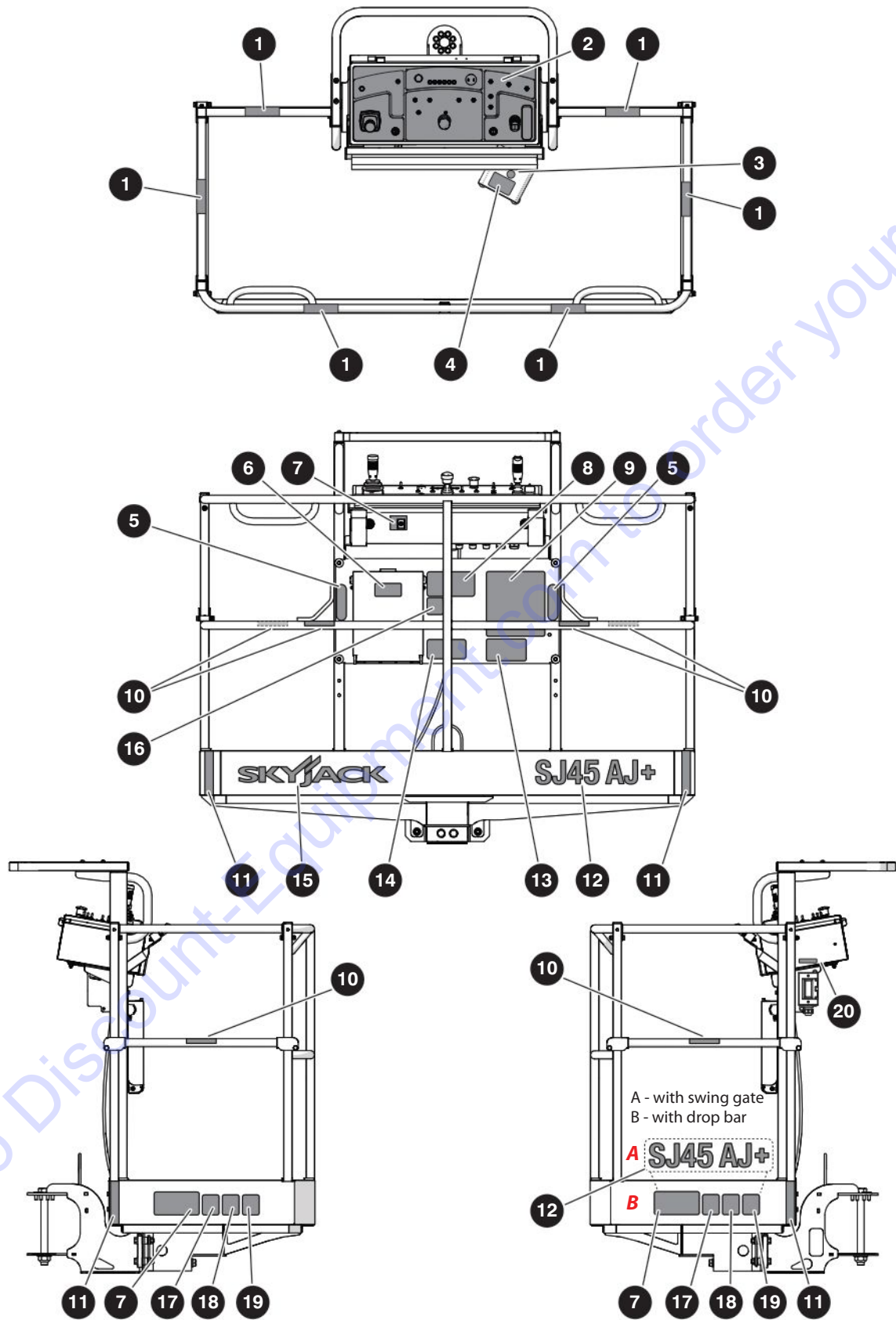
238271AAA

SJ45 AJ+

## 10.3 Labels - Left & Right Sides

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| 1         | 137988           | 2    | LABEL, Crush/Pinch point                             |
| 2         | 223640           | 6    | LABEL, Body crush                                    |
| 3         | 147111           | 2    | LABEL, Transportation tie down points TAPE,          |
| 4         | 119803           | A/R  | Caution - 1"   |
| 5         | 172656           | 1    | LABEL, Annual inspection                             |
| 6         | 172695           | 1    | LABEL, Warning annual inspection                     |
| 7         | 158555           | 2    | LABEL, Skyjack logo (29")                            |
| 8         | 173733           | 5    | LABEL, SJ45 AJ+ (19")                                |
| 9         | 124767           | 9    | LABEL, Tie down/lift lugs                            |
| 10        | 124631           | 9    | LABEL, Wheel info                                    |
| 11        | 173858           | 9    | LABEL, Wheel load 2725 kg/6000 lb                    |
| 12        | 173202           | 9    | LABEL, Tip over hazard                               |
| 13        | 158554           | 2    | LABEL, Skyjack logo (20")                            |
| 15        | 120390           | 1    | LABEL, Propane - <b>Kubota WG972</b>                 |
| 16        | 103023           | 1    | LABEL, LPG fuel - <b>Kubota WG972</b>                |
| 17        | 138146           | 1    | LABEL, No smoking - <b>Kubota WG972</b>              |
| 18        | (Ref.)           | 1    | LABEL, QR code ( <b>consult Discount-equipment</b> ) |
| 19        | 173193           | 1    | LABEL, Emergency lowering at base controls           |
| 20        | 172939           | 1    | LABEL, Emergency lowering identification             |
| 21        | 173002           | 1    | LABEL, Elevate telematics - <b>option</b>            |
| 22        | 161631           | 1    | LABEL, Power line clearance - <b>AS</b>              |
| 23        | 238860           | 2    | LABEL, Smarttorque - <b>ANSI/CSA &amp; AS</b>        |
|           | 238861           | 2    | LABEL, Smarttorque stage V - <b>CE</b>               |
| 24        | 237734           | 1    | LABEL, SJ45 AJ+ (26")                                |
| 25        | 156613           | 2    | LABEL, Do not alter                                  |

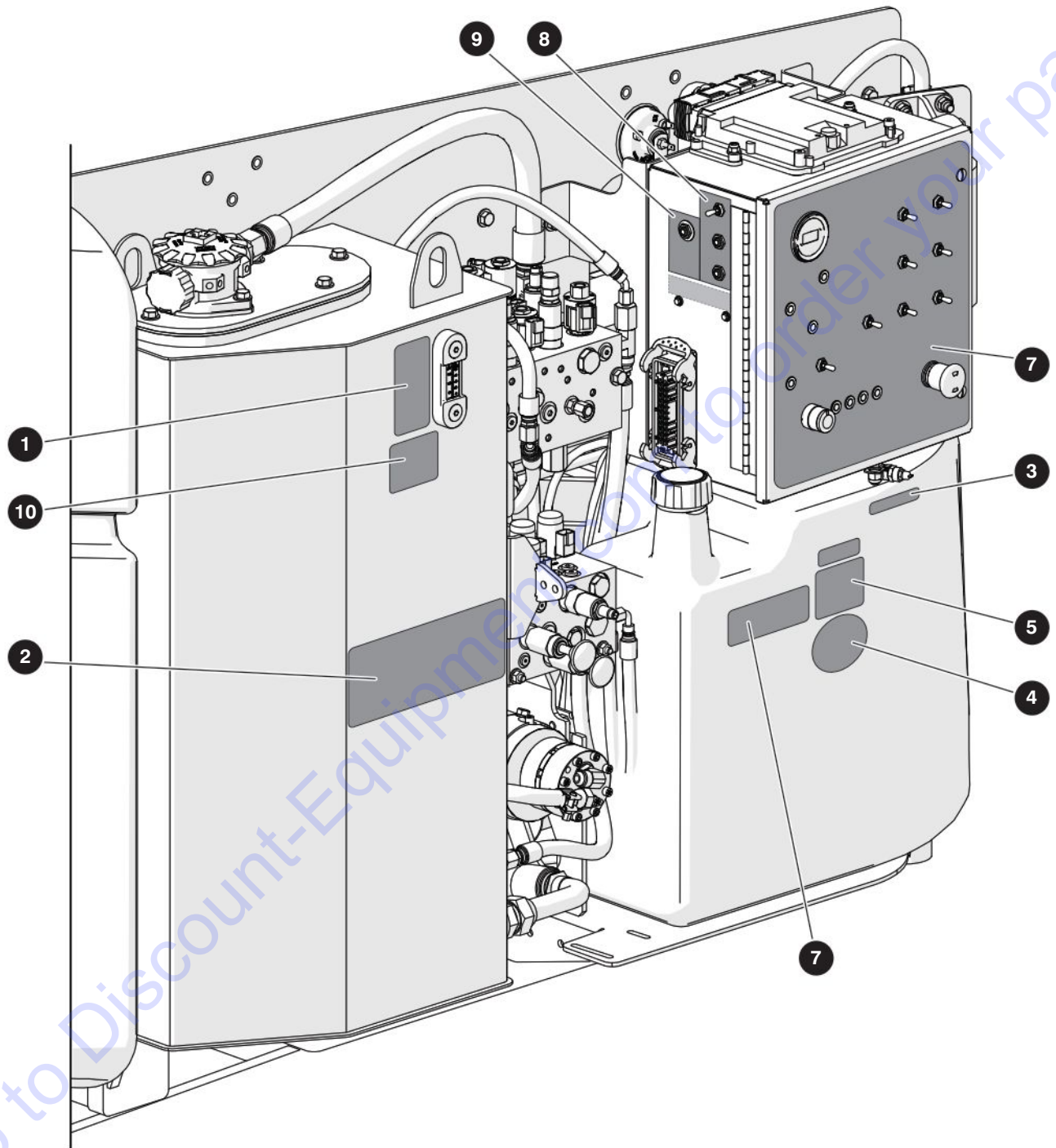
# 10.4 Labels - Platform



## 10.4 Labels - Platform

| Index No. | Skyjack Part No. | Qty. | Description   |
|-----------|------------------|------|---|
| 1         | 137988           | 6    | LABEL, Crush/Pinch point                              |
| 2         | 218299           | 1    | LABEL, Platform Control box                           |
| 3         | 156613           | 1    | LABEL, Do not alter                                   |
| 4         | 143638           | 1    | LABEL, Footswitch enable (on/off)                     |
| 5         | 172639           | 2    | LABEL, Harness anchorage                              |
| 6         | 123628           | 1    | LABEL, Manual box                                     |
| 7         | 231398           | 1    | LABEL, Glazier/pipe rack override switch              |
| 8         | 173608           | 2    | LABEL, Platform capacity (300 kg kg/600 lb), <b>A</b> |
|           | 173608           | 3    | LABEL, Platform capacity (300 kg kg/600 lb), <b>B</b> |
| 9         | 173192           | 1    | LABEL, Danger/warning booms                           |
| 10        | 115543           | 6    | LABEL, Warning no step                                |
| 11        | 119803           | 24"  | LABEL, Caution tape                                   |
| 12        | 237733           | 1    | LABEL, SJ45AJ (12"), <b>A</b>                         |
|           | 237733           | 2    | LABEL, SJ45AJ (12"), <b>B</b>                         |
| 13        | 147043           | 1    | LABEL, AWPT "Click It!"                               |
| 14        | 173081           | 1    | LABEL, California proposition 65                      |
| 15        | 158554           | 1    | LABEL, Skyjack logo                                   |
| 16        | 173202           | 1    | LABEL, Tip over hazard                                |
| 17        | 159513           | 1    | LABEL, Daily inspection, <b>A</b>                     |
|           | 159513           | 2    | LABEL, Daily inspection, <b>B</b>                     |
| 18        | 172693           | 1    | LABEL, Non-insulated, <b>A</b>                        |
|           | 172693           | 2    | LABEL, Non-insulated, <b>B</b>                        |
| 19        | 124362           | 1    | LABEL, Warning do not wear jewelry, <b>A</b>          |
|           | 124362           | 2    | LABEL, Warning do not wear jewelry, <b>B</b>          |
| 20        | 138211           | 1    | LABEL, Connect AC supply                              |

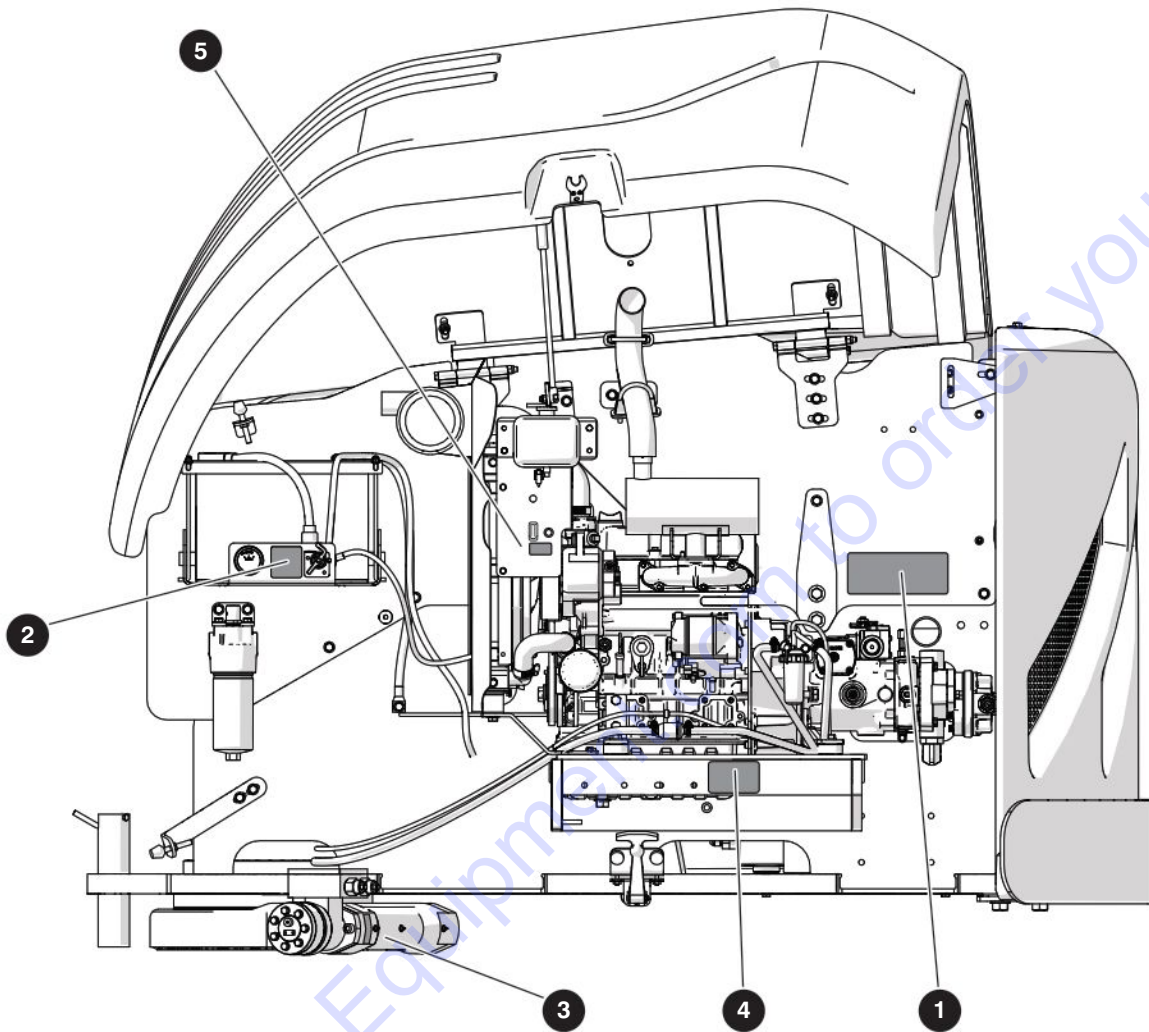
## 10.5 Labels - Controls Compartment



## 10.5 Labels - Controls Compartment

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| 1         | 146016           | 1    | LABEL, Hydraulic oil level (min/max)                           |
| 2         | 223638           | 1    | LABEL, Winch/tow procedure                                     |
| 3         | 172512           | 1    | LABEL, Grease point, Mobilgrease 462 Moly                      |
| 4         | 138146           | 1    | LABEL, No smoking  |
| 5         | 162852           | 1    | LABEL, Ultra low sulfur diesel fuel only - <b>Kubota D1305</b> |
|           | 132400           | 1    | LABEL, Unleaded gasoline only - <b>Kubota WG972</b>            |
| 6         | 168457           | 1    | LABEL, Open fuel cap slowly - <b>Kubota WG972</b>              |
| 7         | 218265           | 1    | LABEL, Base control box  |
| 8         | 218362           | 1    | LABEL, Side - CB1 & CB2  |
| 9         | 218636           | 1    | LABEL, Side - CB3 & CB4  |
| 10        | 102961           | 1    | LABEL, ATF Dexron - <b>Standard and cold weather options</b>   |
|           | 144633           | 1    | LABEL, Arctic hydraulic oil - <b>Arctic weather option</b>     |

## 10.6 Labels - Engine Compartment



M173506AA\_EC

| Index No. | Skyjack Part No. | Qty. | Description  |
|-----------|------------------|------|--|
| 1         | 223638           | 1    | LABEL, Winch/tow procedure                         |
| 2         | 119674           | 1    | LABEL, Battery disconnect switch                   |
| 3         | 172512           | 1    | LABEL, Grease point, Mobilgrease 462 Moly          |
| 4         | (ref.)           | 1    | LABEL, QR code <b>(consult Discount-equipment)</b> |
| 5         | 169923           | 1    | LABEL, Positive air shut-off - <b>option</b>       |

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