THANK YOU
for purchasing a SportLift III from Blue Ox.
We’ve organized this manual to make your installation simple and as trouble-free as possible. Ensure it is read. Keep your sales receipt and this manual in a safe place so that both are available for future reference.

SportLift III Capacities

LIFTING CAPACITY - ....................... 1000 LBS.

FLAT-TOWING CAPACITY - .............. 5000 LBS.

CARGO HAULING LENGTH - ...... 102 INCHES OR LESS

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## Parts List

<table>
<thead>
<tr>
<th>Ref. No.</th>
<th>Qty.</th>
<th>Part #</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td></td>
<td>SC9000</td>
<td>Receiver Hitch (Optional-Recommended)</td>
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<td>202-0090</td>
<td>3/8-16 Hex NYL. INS. Lock Nut, ZP</td>
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<td>3/8” Flat Washer, ZP</td>
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<td>3/8” Lock Washer, ZP</td>
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<td>3/8-16x1 1/4” Hex Bolt, GR8, ZP</td>
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<td>61-6273</td>
<td>Weldment, Arm Assembly, DS</td>
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<td>7</td>
<td>3</td>
<td>202-0002</td>
<td>5/16-18 Hex Nut, ZP</td>
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<td>8</td>
<td>3</td>
<td>203-0009</td>
<td>5/16 Lock Washer, ZP</td>
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<td>203-0002</td>
<td>5/16 Flat Washer, ZP</td>
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<td>3</td>
<td>201-0121</td>
<td>5/16-18x1” Carriage Bolt, GR5, ZP</td>
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<td>229-0640</td>
<td>Tire Support, 5 1/2 Inch</td>
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<td>200-1727</td>
<td>Pin, 3/4x4 EFF., ZP, W/Clip</td>
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<td>203-0011</td>
<td>7/16” Lock Washer, ZP</td>
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<td>7/16-14 Nylon Lock Nut</td>
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<td>294-0880</td>
<td>Light, Tail, Round</td>
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<td>200-0931</td>
<td>Lock Pin, 3/8x2 1/2”</td>
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<td>Snatch Block, Cross Built, 3/16x2 8000L</td>
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<td>Assembly, Winch, Overbilt</td>
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<td>229-0724</td>
<td>D-Shackle, 3/8x21/32x7/16x1 7/16 Gauge</td>
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**WARNING**

USE ONLY GENUINE FACTORY REPLACEMENT PARTS -
Do NOT substitute homemade or non-typical parts. This may cause your carrier to fail and result in injury or death. If repair parts or components are needed, you may order them through your nearest Blue Ox Dealer or Distributor, or call our 24/7 Customer Care Team at (402) 385-3051.
DO NOT INSTALL OR USE THIS EQUIPMENT UNTIL THE FOLLOWING OPERATING AND INSTALLATION INSTRUCTIONS HAVE BEEN READ AND UNDERSTOOD.

IMPORTANT NOTES BEFORE INSTALLATION:

- Be sure to read the “Lift & Carrier Initial Information Sheets” to figure out if the SportLift III can be applied to the motorhome chassis and to figure out how much weight will be added to the rear axle of the motorhome.

- Never exceed the weight rating of the rear axle or tire load ratings of the RV. Doing so will cause dangerous driving conditions and possible damage to the RV.

- Installation of the receiver may require modification of mount plates or fabrication of new mount plates depending on the coach and chassis. Welding the mount plates to the 3 receiver weldment is also required:

  - Use 3/8” or 1/2” thick hot rolled plate depending on application when fabricating the mount plates.

  - Installers be aware of the rear exhaust of the RV when designing the mount plates so that the lift or carrier clears the exhaust when in operation.

  - There should be six 3/4-10 hex bolts used on each mount plate.

  - The mount plates should be mounted directly to the main frame rails of the RV chassis for the most support. We don’t recommend welding the mount plate to the frame.

  - The hitch receiver needs to be welded by a certified welder.

1. NOTE: (OPTIONAL) - SC9000 & SC9019 RECEIVER/MOUNT PLATE KIT is recommended when using this lift. In most cases, the original hitch of the coach will need to be replaced. Only when the motor mounts are incorporated with the original hitch, we then recommend you don’t remove the original hitch and try to install the SC9000 & SC9019 by dropping down and around to miss the original coach’s hitch. When you are doing that, please keep in mind that the ground clearance can be no lower than 13”. For further installation of the SC9000 & SC9019, please see the Operator, Parts and Installation Manual included with receiver hitch.

INSTALLING SPORTLIFT™ III

Step 1

Step 2
2. Insert driver side arm assembly (61-6273) into the optional receiver hitch (SC9000) and hold it in place with a 5/8x3 pin with clip (200-1483). There will be three pins included with the SC9000.

3. After securing the arm assembly to the receiver hitch, secure the arm assembly in the upright position with a 3/4x4 pin with clip (200-1727).

4. Repeat steps 2 & 3 for the passenger side arm assembly (61-6272).

5. Using two 3/4x4 pins with clips, attach the pickup tube (61-6272) to the arm assemblies on both sides.

6. Using a 5/8x3 pin with clip, pin the driver side base weldment (61-6253) to driver side arm assembly and pin the passenger side base weldment (61-6254) to passenger side arm assembly as shown in the above picture.
7. Using four 7/16-14x3" hex bolts (201-0791), four 7/16" flat washers (203-0091) and four 7/16-14 lock nuts (202-0128), bolt down towing receiver weldment (61-6255) to the top of the driver side and passenger side base weldments. Then insert two 7/16-14x1 1/4" hex bolts (201-0451) and two 7/16" lock washers (203-0011) into the inside of the towing receiver weldment on both sides.

8. Position deck (101-6984) on the base weldments with the ramp side on the passenger side. The deck can be adjusted front to back using one of the two sets of holes. Bolt the deck down on both the driver side and passenger side using a 7/16-14x1 1/4" hex bolts (201-0451), 7/16" lock washers (203-0011) and 7/16" flat washers (203-0091).

9. Insert winch mount weldment (61-6277) into driver side and passenger side arm assemblies and secure with a 3/8x2 1/2" lock pin (200-0931).

10. Position winch assembly (62-3613) on the winch mount weldment toward the end on the drivers side. Bolt in place with two 3/8-16x1 1/4" hex bolts (201-0760), two 3/8" lock washers (203-0010), two 3/8" flat washers (203-0003) and one 3/8-16 hex nylon lock nut (202-0090). Put the nut on the very outside bolt, on the inside of the tube.
11. Once the winch is secure, the wiring should be routed from the winch to the existing battery on the coach. The items you will need to use are the quick connects (294-0904) (refer to the installation instructions included with the quick connect kit), accessory kit (294-0905), black battery cable (194-0197) which goes to the negative side, red battery cable (194-0198) which goes to the positive side and the loom (190-0143) which is used to protect the black and red cable. Once wiring is routed to the battery, use the nylon cable ties (290-0159) to tie the loose cable out of the way.

12. After you get the winch hooked up to the battery. Attach the remote to the winch and let out 8' of cable. Route the cable through the first snatch block (229-0718) located on the winch mount weldment, by pulling the clip and removing the pin. Once cable is routed through, return the snatch block and pin it to the second link on winch mount weldment. Continue routing the cable through the second snatch block (229-0718) located on the pickup tube weldment.

13. Once the cable is routed through the second snatch block, return cable to the D-Shackle (229-0724) on the winch mount weldment. You will need to remove the pin from the bolt, then remove the nut and slide bolt out. After bolt is removed, run cable loop into the D-Shackle and run bolt back through loop and replace the nut and pin.
14. For attaching tire support (229-0640), position bike on the lift where you want it to sit, then position tire support up to front tire on the drivers side and mark where the holes need to be drilled. Using a 11/32” drill bit, drill holes and insert three 5/16-18x1” carriage bolts (201-0121), three 5/16” flat washers (203-0002), three 5/16” lock washers (203-0009) and three 5/16-18 hex nuts.

15. For installation of the round tail lights (294-0880), please refer to the installation instructions for the SC9005 included with the SC4200.

### LOADING THE SPORTLIFT™ III

1. Using winch, raise arm assemblies up to release pressure from the 3/4x4 pins with clips. Pull pins from arm assemblies and lower deck to the ground and load cargo onto the deck of SportLift III. Once the cargo is positioned correctly on the deck, use tie-downs to fasten cargo securely. Use as many tie-downs as it takes to securely fasten the cargo down to the deck. **Blue Ox is not responsible for any cargo that is fastened down to SportLift III.**

2. Once cargo is tied down, raise deck with the winch all the way up and secure both arm assemblies with 3/4x4 pins with clips, then lower arm assemblies down onto the pins. Be sure to take the load off winch cable or damage will occur.

3. Disconnect the quick connects at the winch, and store it in a safe dry place.

4. With cargo loaded, strapped down, and in the towing position, SportLift III is now ready for transporting.

**FLAT-TOWING WITH THE SPORTLIFT™ III**

- Before a vehicle can be flat-towed, the deck needs to be pinned into place on the arm assemblies.

- Make sure the deck of the SportLift III is perfectly level once installed.

- SportLift III can flat-tow a vehicle behind it that weighs no more then 5,000 lbs.

**When flat-towing, it's strongly recommended that a brake system be installed on the towed vehicle.**

5. Once the cargo is loaded onto SportLift III, strapped down securely, and pinned into place, the towed vehicle is now ready to be hooked up to the back of SportLift III.

6. Slide and pin the tow bar into the receiver of SportLift III. Hook up the towed vehicle to the tow bar, making sure the legs are locked into place.

7. Hook up safety cables from the towed vehicle to the convenience links on the back of SportLift III.

8. SportLift III is now ready for towing.

### MAINTENANCE

Wiping SportLift III down periodically will help keep dust and dirt from building up.

**WARNING!!** - SportLift III is designed to **FLAT-TOW** vehicles. Towing trailers will increase the down force thus exceeding the weight carrying capacity of SportLift III. Exceeding the capacity **WILL** lead to damage and possible product failure.

**IMPORTANT NOTES:**

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6. Slide and pin the tow bar into the receiver of SportLift III. Hook up the towed vehicle to the tow bar, making sure the legs are locked into place.

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7. Hook up safety cables from the towed vehicle to the convenience links on the back of SportLift III.

8. SportLift III is now ready for towing.

**MAINTENANCE**

Wiping SportLift III down periodically will help keep dust and dirt from building up.
Automatic Equipment Manufacturing Company ("Automatic") warrants to the first retail purchaser that each base plate, tow bar, hitch and accessory manufactured by Automatic shall be free from defect in material and workmanship under normal use and service for as long as the original retail purchaser owns the item.

Automatic will repair or replace any parts which (a) shall be returned to an authorized dealer, distributor, or the factory, with transportation charges prepaid, and (b) after examination by Automatic, are found to be defective. This limited lifetime warranty will not cover, in any way, any alleged damages caused by incorrect or improper installation, improper use, modification or neglect of product, or failure of the user to follow the guidelines contained in the instructional material provided by Automatic.

REPAIR OR REPLACEMENT AS SET FORTH IN THIS LIMITED LIFETIME WARRANTY IS THE SOLE EXCLUSIVE REMEDY OF THE PURCHASER. AUTOMATIC SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT. EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Automatic reserves the right to make changes or add improvements to its products at any time without incurring any obligation to make such changes to previously manufactured equipment.

No liability is assumed for bodily injury that may be inflicted on the operator, spectator or general public who might be in the general area while this equipment is in use.

IMPORTANT

Coverage and performance under the foregoing limited warranty is conditioned upon the first retail purchase completing and returning the customer registration card to Automatic or registering via visible on the product and unaltered. Automatic will not honor any warranty claims unless the warranty registration card is on file at Automatic's factory in Pender, Nebraska. Some states do not allow exclusions or limitations of warranty coverage based on the return of the registration card to the manufacturer, so the above limitations and exclusions may not apply to you.

Blue Ox Division
Automatic Equipment Mfg. Co.
P.O. Box P
Pender, Nebraska 68047

(402) 385-3051
Customer Service Commitment

Blue Ox® is focused on providing exemplary customer service, as observed in our mission statement and guiding principles. In accordance with this objective, Blue Ox® is proud to provide services such as repairs and general maintenance of Blue Ox® products at over 150 RV Rallies. Look for our Destination America or Blue Ox® service crews at the next rally or race that you attend. If you were not present, you will find an informative, personalized note explaining any services that may have been performed to your Blue Ox® products.

Blue Ox® also offers educational seminars at rallies and through our Parks and Resort teams. In addition, Blue Ox® customers visiting our factory may take advantage of free use of the well-equipped Blue Ox® RV park at no charge to you, our valued and appreciated customer.