

Congratulations on the purchase of your Light Utility Vehicle! These instructions will guide you through the assembly process. Carefully read these instructions and familiarize yourself with the tools and fasteners required before starting the assembly of your vehicle.

Fasteners required for assembly

Please refer to the last page of instructions for an illustrated list of fasteners. Ensure that you have all the fasteners before starting the assembly of your vehicle. Note that some fasteners may be pre-installed into some of the overhead bars.

Tools required for assembly

Please gather the required tools and familiarize yourself with them before starting the assembly of your vehicle. The tools will be mentioned in italic text for easy recognition.

Hammer	Box or Side Cutter	Pry Bar
Safety Glasses	½ Wrench	10mm Socket
12mm Wrench	Phillips Screw Driver	½ Socket

WARNING

Wear proper eye protection during the uncrating and assembly process to avoid potential eye injuries.

WARNING

RISK OF SERIOUS INJURY OR DEATH

The Brush Bars and the Shoulder Belts are critical parts of the Operator / Passenger safety system on this vehicle. Do not attempt to operate the unit until these components have been properly installed.

1 Uncrating the vehicle

- Wear your Safety Glasses to prevent eye injury.
- Using the Hammer and Pry Bar, remove cross supports at each end of the crate and discard.
- Carefully pry and remove crate top and discard.
- Remove crate sides and discard
- Using a Box Cutter, cut and remove the hold down ties.
- Remove the vehicle from the crate base and discard base.

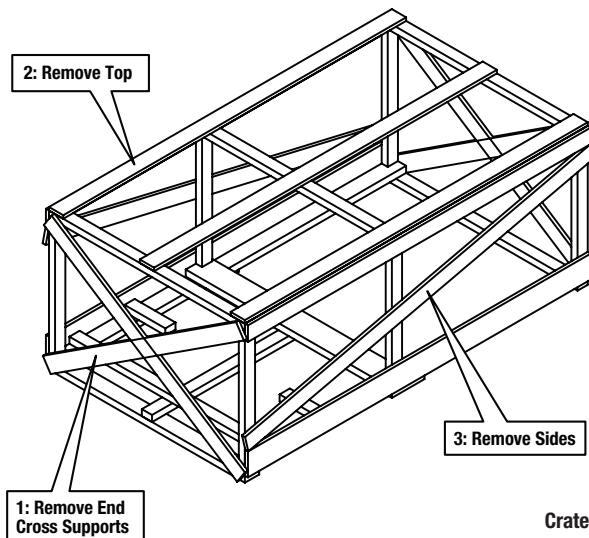


Figure 1
Crate Construction

2 Unpacking the component parts

- Unpack all of the loose component parts from the unit and set aside. Be sure to look in the under seat storage compartment for bars, hardware, battery or literature.
- Remove any protective plastic from each component and discard.

3 Over Head Bar Installation

- Locate the RH and LH Main Overhead Bars (15813 and 15814) and hardware: (4) 15774, (4) 15775, (4) 14697, (4) 14088, (8) 14837, (8) 14944 and (8) 15780. (Reference Hardware Illustrations on page 2.)
- Find and install the Plastic Push Plugs (15778) into the Main Overhead Bar.
- Seat Belt tabs must be oriented towards the center of the Vehicle.
- Set the Main Overhead Bars in place and install the clamp plate and fasteners at the two rear connection points as shown using a 12mm Wrench and 10mm Socket Wrench. DO NOT tighten the fasteners at this time. (4) 14697, (4) 14088, (8) 14837, (8) 14944 and (4) 15780
- Install the clamp plates and fasteners at the two forward connection points using a ½" wrench and ½" socket. DO NOT tighten the fasteners at this time. (4) 15774, (4) 15775, and (4) 15780
- Locate the Overhead Cross Bars (15811 and 15812) and fasteners: (4) 14697, (4) 14837, and (4) 14944. Note that the forward cross bar (15811) is shorter than the rear cross bar (15812).
- Place the bar as shown in the illustration below and install the fasteners using a 10mm Socket Wrench. DO NOT tighten any fasteners at this time.
- Tighten all fasteners using the 12mm Wrench, 10mm Socket Wrench, ½" wrench, and ½" socket wrench as appropriate.
- Install fastener caps (14945) at cross bar ends and overhead bar rear connection points.

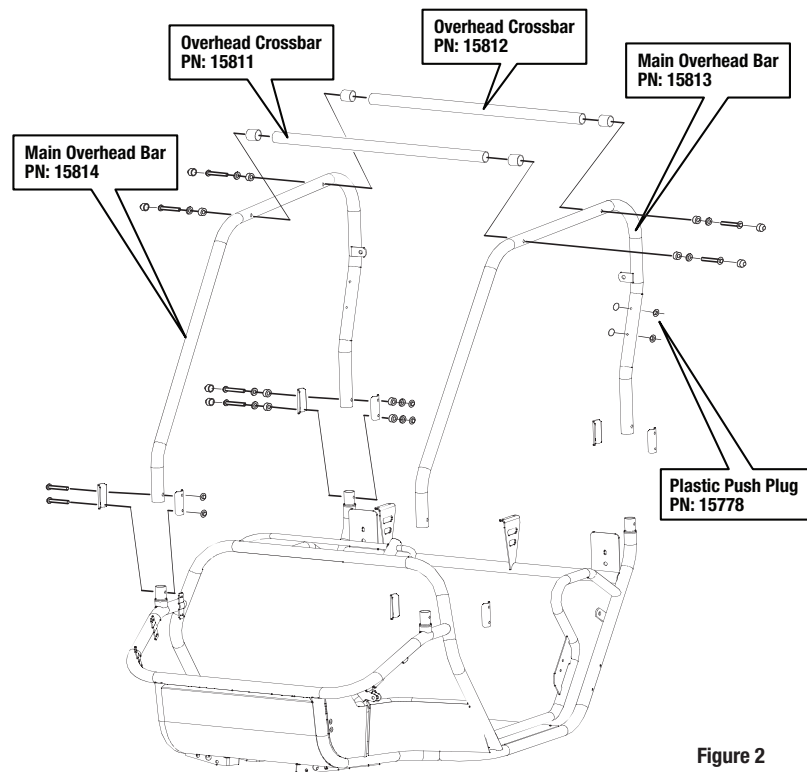


Figure 2
Overhead Bar Placement

4 Final Preparation

- Seat belts should be checked to ensure that they are not twisted or binding. As well, the forked seat belt retainer clips need to be removed and discarded. (Ref fastener illustration on page 2)
- Fill the fuel tank with clean, fresh, mid-grade (89-93 Octane) gasoline per the supplied Owner/Operator Manual.
- Check the engine oil level and tire pressure per the supplied Owner/Operator Manual

WARNING

Avoid risk of serious injury or death. It is important to first read and understand the Owner/Operator Manual and follow all instructions and warnings. If you do not understand this, or any other warning supplied with your vehicle, contact your dealer or ASW customer service at 1-800-643-7332 before using this vehicle

INITIAL STARTUP INSTRUCTIONS

5 Battery Connection

NOTE: Ensure that the connections are correct. Reversing the wires to the battery terminals may cause the inline fuse to blow.

- This unit has been supplied with a pre-charged battery. While every effort has been made to ensure that the battery will maintain its charge, it may require additional charging by the retailer or consumer. Additionally, the leads have been disconnected to preserve its charge. Prior to starting, the leads must be connected to the (+) and (-) terminals of the battery.
- Using a Phillips Screwdriver, connect the RED wire to the (+) battery terminal as indicated on the battery casing.
- Using a Phillips Screwdriver, connect the GREEN wire to the (-) battery terminal as indicated on the battery casing.

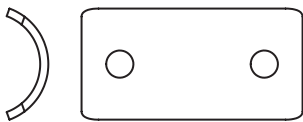
6 Initial (First Time) Startup

NOTE: Lost or stolen keys can be replaced by calling American Sportworks customer service at 1-800-643-7332.

- Ensure that the parking brake is applied.
- Check the engine oil level per the Owner/Operator Manual.
- Turn the Fuel Valve on.
- Place the unit into Neutral
- Pull out the choke.
- While sitting in the vehicle, pump the accelerator pedal several times to ensure that it returns freely
- With one foot on the brake pedal, start the engine by turning the ignition key; holding for no longer than 5 second intervals, until the fuel line and carburetor fill with gas.

(Note: The unit is shipped with a dry carburetor and fuel line. Several starting intervals may be required in order to draw fuel into the carburetor)

- After the unit has started, allow it to warm up for a period of 5 minutes before driving.
- DO NOT drive the unit until the Owner/Operator manual has been fully read and understood.



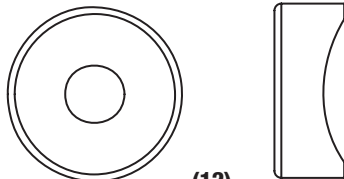
(4)

15780: Clamp Plate



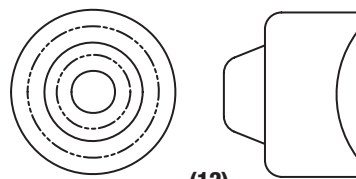
(4)

**14088: Nut, Locking
M8 x 1.25**



(12)

14837: Concave Clamp Washer



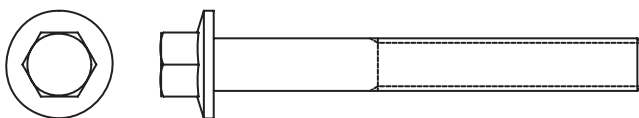
(12)

14945: Fastener Cap



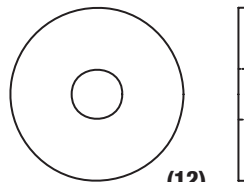
(4)

15775: 5/16" Nut



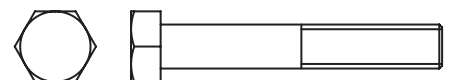
(8)

**14697: Bolt
M8 x 1.25 x 65**



(12)

14944: Washer, Flat



(4)

15774: 5/16" x 2" Bolt

NOTE TO RETAILER

7 Display Recommendations

The following recommendations have been provided to ensure that this unit retains its factory appearance and remains in optimal running condition for the final purchaser. Following these recommendations will greatly reduce problems associated with extended storage and infrequent use of this vehicle which are typically associated with display models of power equipment.

- Practice regular Inventory Rotation. First in / First Out.
- DO NOT connect or charge the battery until the point of sale. This will ensure that the battery has not been discharged through low current draw over time, or frequent, but short engine starting cycles.
- Batteries stored in extreme cold may freeze, causing damage. Store batteries indoors when possible to avoid freezing.
- DO NOT add fuel to the vehicle until the point of sale. Storage of fuel in the carburetor and in the fuel tank increases the opportunity for stale gas, moisture draw, or clogged carburetors.
- DO store the unit indoors for display whenever possible. While the powder coated finish of this vehicle is designed for rough service, weathering and fading may occur if the unit is exposed to the outdoor elements for extended periods of time.

The previous recommendations are optimal for the display of this vehicle. IF, however, the unit must be displayed in a fully operational condition, be aware that it will require additional care and maintenance of the battery and fuel system. These guidelines should be followed for display of an operational unit.

- DO apply a periodic trickle charge to maintain the battery at an appropriate voltage level. Batteries stored in extreme cold may freeze, causing damage. Remove and store batteries indoors during the winter months to avoid freezing.
- DO keep the fuel tank filled to capacity with 89-93 Octane gasoline blended with a quality fuel stabilizer designed for small engines. A full tank eliminates moist air and potential condensation issues.
- DO start the unit periodically to allow the internal engine parts to coat with oil and to flush any stale fuel from the carburetor.
- DO NOT start and run the unit for short time periods. IF the unit IS started, allow it to idle for a 15 minute time period. This allows the engine to reach operating temperature, allows the battery to charge and minimizes fouling issues with the spark plug.
- DO shut off the engine while the engine is at high RPM. This will allow accumulated fuel to burn off the plug prior to engine shut down.

Contact American Sportworks Customer Service for questions or problems that may arise with the assembly and starting of this unit at 1-800-643-7332