

# Unpacking & Installing your Sprinter

Things you will need (not provided):

- Side cutters
- Utility knife
- Hammer
- 3 mm Allen wrench
- Hammer
- Screwdrivers (both Phillips and Straight)
- Snap ring pliers
- 220v plug. Not supplied. Unit requires 20 amp 208/230volts. Your available 208/230v socket might vary.
- 2 gallons AW32 Hydraulic Fluid. DO NOT USE TRANSMISSION FLUID
- Board (to push lift off pallet. The longer the board, the more leverage you have, the easier it is)

Weight & Dimensions of Sprinter Box: 83" X 63" X 18" 1,100 Pounds

It would be smart to ask the trucker at delivery to use his pallet jack to position the box with the wide side across the driveway/parking lot. It will make it easier for you when it comes time to remove the lift.

You need to cut the bands and remove the top of the crate.

This is not how it looks as you unpack it, but these are the contents of your package:

- 4 2" White "Crushblocks" (THESE ARE NOT PACKING MATERIALS, THEY ARE THE LIFTING BLOCKS FOR THE LIFT. DON'T THROW THEM AWAY!)
- 4 Approach / Exit Ramps
- 1 Front swivel wheel
- 1 Tow Bar
- 1 Tow Bar Hanger
- 1 Bag Hardware (8 axle pins, 16 external snap rings)
- 1 Owner's Manual
- 2 Rear Wheels (not shown as they are mounted under the platform on the lift scissor mechanism)

Make sure to take the end of the crate off where the hoses are attached. This is the front end of the lift where the front swivel wheel will attach as it comes off the crate. Take care not to hit the hoses with the hammer when removing the end.

Using the board, start prying the lift off the crate. When the front torsion bar of the lift clears the front of the crate, place the front swivel wheel into position. This will help as the lift "rotates" off the crate and onto the ground.

Note the box laying down. Set up the box with the wheels of the control station down, remove packing material and simply roll it out.

Take off the top cover using the 3mm Allen wrench on the four screws holding it on. Be careful at this point not to drop the cover as wires could be pulled from the up/down switches housed within.

Locate the main power lead, straighten out and feed it down the back of the control unit and out of the bottom.

Attach your specific plug. The unit requires a 208/230 volt, 20 amp circuit which the wiring will safely handle. We realize all shops have different plug configurations (i.e. welder plug, compressor plug, A/C plug) and most of these require more amperage than your Sprinter lift. Note that if you choose to plug the unit in one of these outlets, the breaker (30, 40, or 50 amp) will not protect the wiring in the lift.

Wires are Blue, Brown and Yellow/Green. Blue and Brown are your "hot" leads and Yellow/Green is ground

Remove the dipstick and add 2 gallons of AW32 Hydraulic fluid which is available at most auto parts stores. Pay NO attention to the level on the dipstick, 2 gallons is the appropriate amount of fluid.

Attach the Quick Connect hydraulic hoses from the lift to the control stations. IT MAKES NO DIFFERENCE WHICH HOSE IS CONNECTED TO WHICH OUTLET. The system is the Nussbaum exclusive "Twin Cross Master Hydraulic" system which operates perfectly no matter the hose connection.

Turn on the lift and raise to full height.

Attaching the ramps can be the most challenging item during set up.

- 1) Make sure the ramps are in the correct positions. The lock release lever on the ramp should be facing the outside of the lift when installed
- 2) Attach 1 snap ring on each pin
- 3) Start two pins from the inside/out in a ramp
- 4) Turn over and slide pins through openings on platform ends
- 5) Attach remaining snap rings on the outside of pin
- 6) To release the ramp, lift the release pin while lifting the end of the ramp slightly, then lower  
Putting on wheels.

The lift must be raised to a minimum of 15" to attach wheels for portability. The rear wheels are stored on top of the plate under the rear scissor. Take them off and place in holes on the side of the rear scissors.

Place the front swivel wheel over the front transverse bar. There is a "lockdog" built into the transverse bar which the swivel wheel will slide over.

Lower the lift fully and all three wheels will engage.

Pull to desired location. You can either set the control unit on top of the platforms to change locations or disconnect the hoses and move separately.

(Note the edge of the driveway. This is what happens if you place the lift with the long side at the edge of the driveway instead of across it.)

This handy hanger can be mounted in a convenient location to store your tow bar on.