

WSA-100 Utility Station

Quick Start Guide

P/N 5900095 — Rev. B — Sept. 2021

The WSA-100 Utility Station (SKU 5210438) conveniently adds air and electric outlets to many BendPak lifts.

This WSA-100 Utility Station can be used with the following BendPak Lifts:

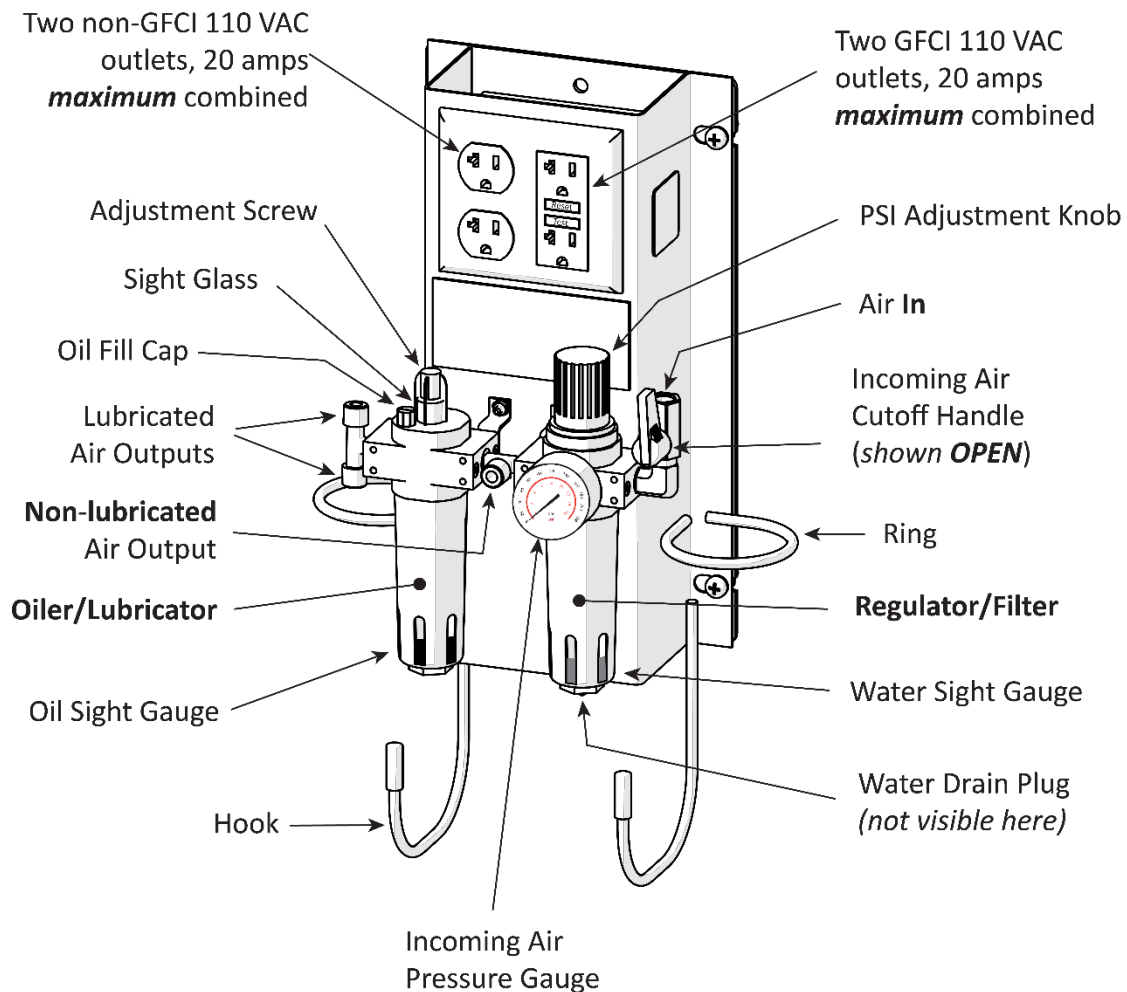
Four Post Lifts:

- HD Series (HD-7/9/14)
- HDS Series (HDS-14/18/27/35/40)
- HDSO-14 Series
- D4-12 Model

Two-Post Lifts:

- GP-7 Series
- 10AP Series
- XPR Series (XPR-9/10/12/15/18)
- D2 Series (D2-8/10/12/15)

The following drawing shows the main components of the WSA-100 Utility Station.



⚠ WARNING California Proposition 65: This product can expose you to chemicals including styrene and vinyl chloride, which are on the list of over 900 chemicals identified by the State of California to cause cancer, birth defects, or other reproductive harm. Always use this product in accordance with BendPak's instructions. For more information, visit www.p65warnings.ca.gov.



1645 Lemonwood Drive
Santa Paula, CA, 93060 USA

The main components of the WSA-100 are:

- **Four 110 VAC outlets.** Two have GFCI, two do not. Maximum current 20 Amps. Have a licensed, *certified* electrician connect outlets to 1 phase, 60 Hz, 110 VAC using suitable conduit (not supplied). Duplex receptacle must be connected through the GFCI with the input line to the box connected to a circuit breaker or time delay fuse rated at 20 amps. Both receptacles *must* be grounded to the box. Note that the maximum amperage for one outlet in use is 20 amps total; **when using all four outlets, the combined total cannot exceed 20 amps.**

⚠ DANGER All wiring *must* be performed by a licensed, certified Electrician in accordance with local and national electrical codes.

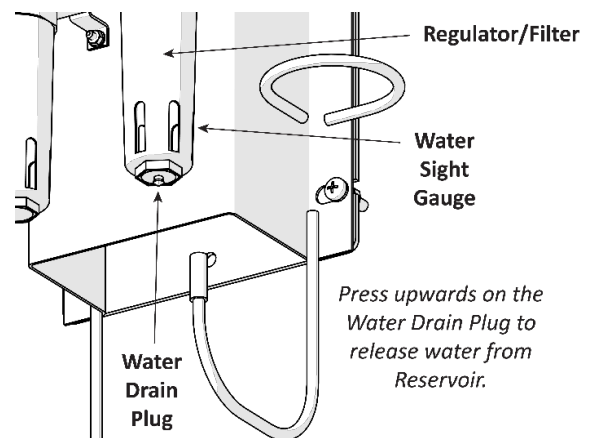
- **Two rings and two hooks.** For holding tools and hoses, for example. The large hooks ensure that the electrical cords can be stowed away neatly and out of the way.
- **Air source.** Brings pressurized air to your lift. There are three parts to the air source:
 - **Incoming air.** Connect an incoming air supply to the Air **In** connector. You need to supply an appropriate 1/4" NPT fitting for the Air **In** connector.
 - **Regulator / Filter.** Removes contaminants from incoming air. Includes a gauge that shows the pressure of the incoming air. Non-lubricated air can be used to put air into tires or for instrument calibration. To adjust air pressure, lift the PSI Adjustment Knob to unlock and **turn clockwise to increase pressure** and **turn counterclockwise to decrease pressure.** Push Knob back down to lock in new pressure setting.
 - **Oiler / Lubricator.** Puts pneumatic oil, for tool lubrication, into the incoming air. Pressurized air, saturated with oil, provides lubrication to pneumatic tools, which reduces friction and helps them last longer. Only use lubricated air with pneumatic products that require it.

To drain water from the Regulator/Filter Reservoir:

1. Check the Water Sight Gauge to see how much water is currently in the Reservoir.

⚠ CAUTION If the Reservoir is one quarter (~25%) or more filled with water, you need to drain it.

2. Disconnect the air source at the Air **In** connector.
3. Press upwards on the Water Drain Plug at the bottom of the Reservoir. The water drains out.
4. Release the Water Drain Plug and re-connect the air source.

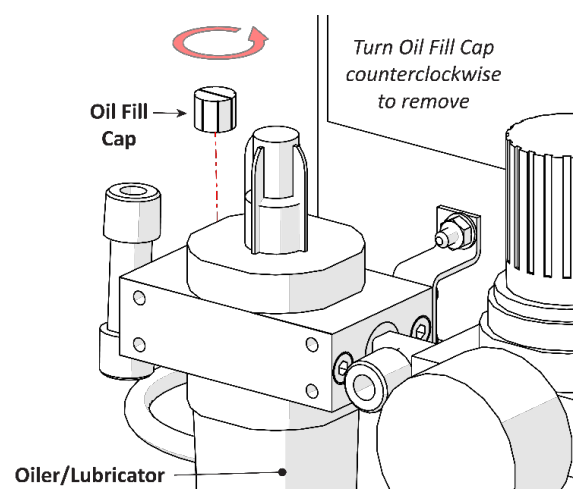


To add pneumatic oil to the Oiler/Lubricator:

1. Check the Oil Sight Gauge to see how much pneumatic oil is currently in the reservoir.

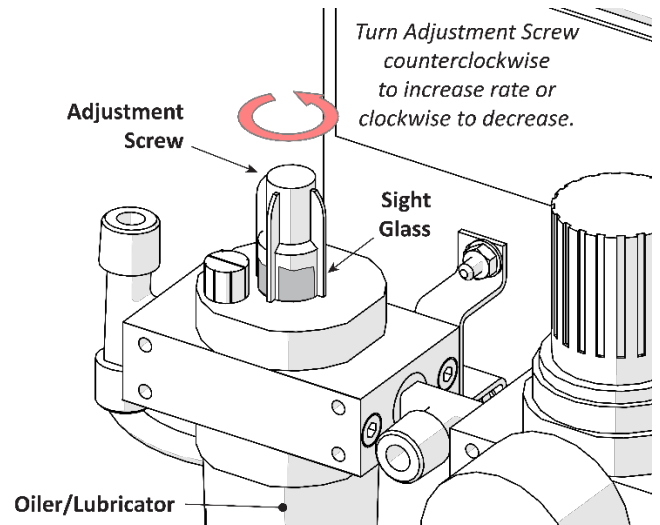
⚠ CAUTION If the reservoir is less than one half (~50%) filled with pneumatic oil, you need to add oil to it.

2. Disconnect the air source at the Air **In** connector.
3. Turn the oil reservoir Oil Fill Cap counter-clockwise with a slot screwdriver and pull it off.
4. Add SAE 10W Air Tool Oil or generic pneumatic oil to the reservoir.
5. Put the oil reservoir back in place, turning it clockwise until tight, then re-connect the air source.



To check the oil feed rate on the Oiler/Lubricator:

1. Use a device that uses lubricated air.
2. Watch the Sight Glass to see how much pneumatic oil comes out. Your goal is 1 or 2 drops per minute. The rate may vary slightly based on the tool manufacturer's recommendations.
3. If you are not getting 1 or 2 drops, turn the Adjustment Screw counterclockwise (using a small slot-head screwdriver) to increase the rate or clockwise to decrease the rate. Use the device again to check the rate.
4. When you are getting 1 or 2 drops, stop.

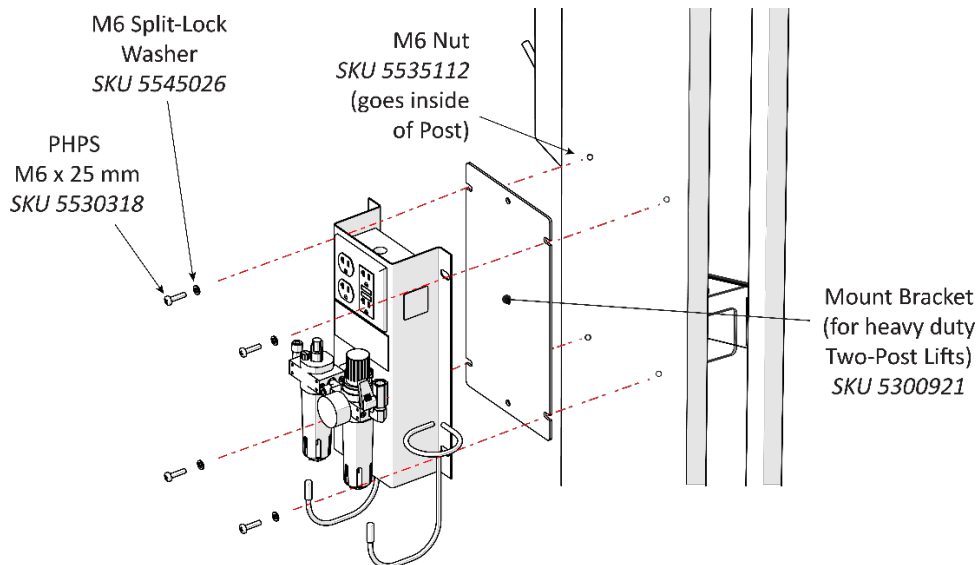


To attach the WSA-100 to a Lift Post:

- **Two-Post Lifts.** Use one of the bare sides of the Power Post. The equipment must be positioned a **minimum** 18 in. / 457 mm from the ground. Use the WSA-100 as a guide to mark the four (4) hole locations on the Lift Post, set the Mounting Bracket aside, then drill 11/32" diameter holes. Secure the WSA-100 and Mounting Bracket in place with the included hardware.

⚠ WARNING For Two-Post Lifts, it is crucial that the WSA-100 Utility Station is centered on the Lift Post when drilling the hole locations. **The hole locations are critical to avoid interference with the internal Post components.**

The following illustration shows how to connect the WSA-100 to a BendPak **Two-Post Lift**.

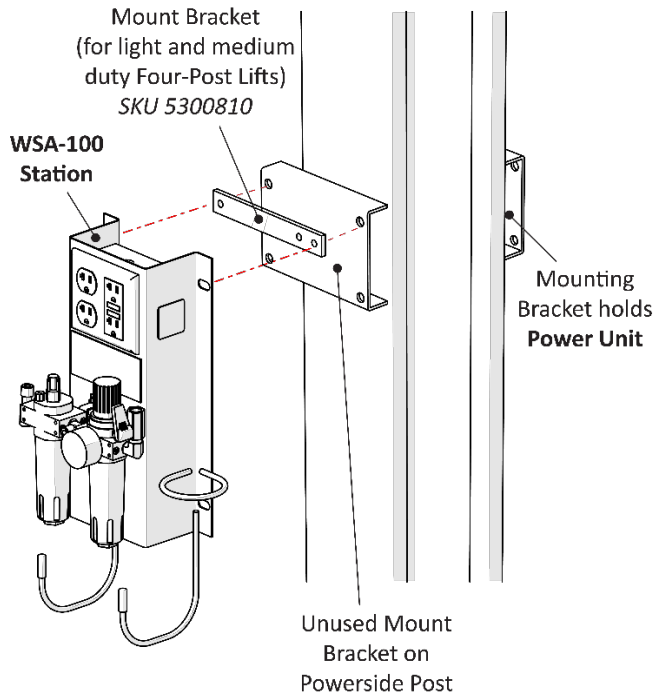


- **Four-Post Lifts.** For light and medium duty Four-Post Lifts (HD-7/9/14), use the unused mounting bracket on the Powerside Post. For heavy duty Four-Post Lifts (HD, HDS, HDSO 18/27/35/40), use the bare side of the Power Post opposite of where the Power Unit is mounted. Use the WSA-100 as a guide to mark the four (4) hole locations on the Lift Post, set the Mounting Bracket aside, then drill 11/32" diameter holes. Secure the WSA-100 and Mounting Bracket in place with the included hardware. See illustrations on the following page.

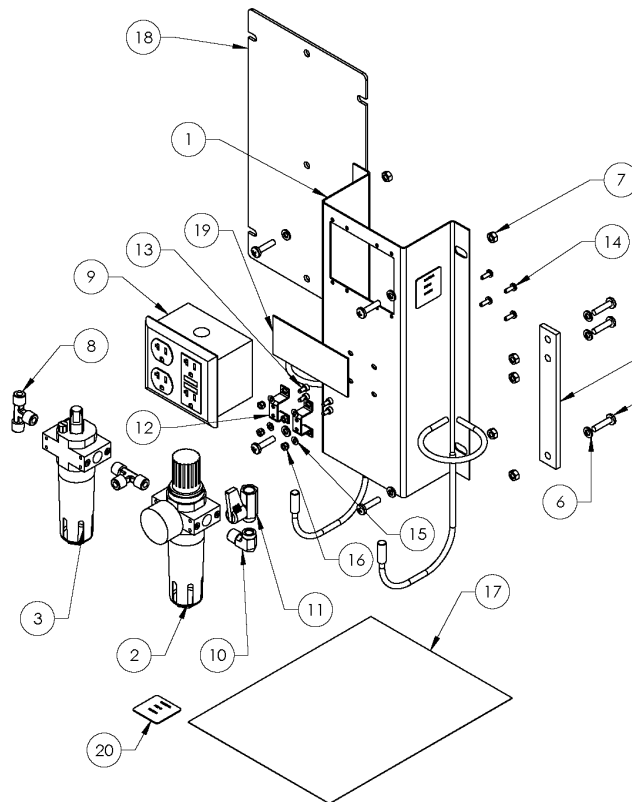
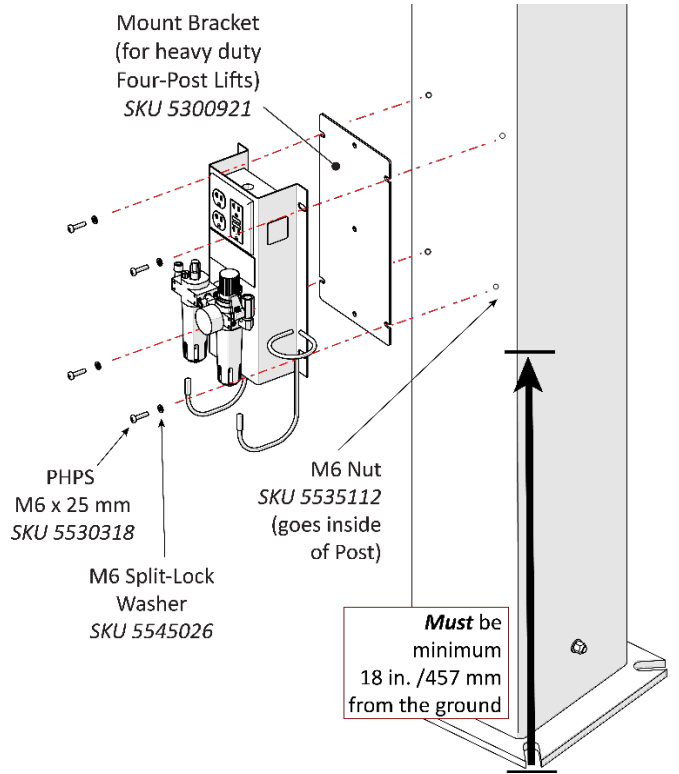
⚠ WARNING For Heavy Duty Four-Post Lifts, it is crucial that the WSA-100 Utility Station is centered on the Lift Post when drilling the hole locations. **The hole locations are critical to avoid interference with the internal Post components.**

The following illustrations show how to connect the WSA-100 to a BendPak Four-Post Lift.

For Light/Medium Duty Four-Post Lifts:



For Heavy Duty Four-Post Lifts:



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600397	UTILITY AIR STATION WELDMENT	1	B
2	5327846	FILTER REGULATOR	1	A
3	5327847	OILER/LUBRICATOR	1	A
4	5300810	HD-7/9/14 WSA-100 BRACKET	1	A
5	5530318	PHPS M6 x 1 x 2.5mm	7	A
6	5545026	WASHER M6 x Ø12 SL	7	-
7	5535112	NUT M6 x 1.0	7	-
8	5550171	FTG TEE -04 NPT x -04 NPT x -04 NPT	2	-
9	5520495	110V, 20 AMP GFI 4-PLUG OUTLET	1	-
10	5550050	FTG ELB -04 F NPT x -02 NPT	1	-
11	5550045	FTG VLV -04 NPT x -04 F NPT TPBV	1	-
12	5323015	AIR OIL/REGULATOR MOUNTING BRACKET	2	A
13	5530335	SHCS M4 x 0.7 x 8 ZPL	4	-
14	5530020	PHPS M4 x 0.7 x 12	4	-
15	5545042	WASHER M4 x 0.7 FLAT	4	-
16	5535010	NUT M4 X 0.7 NL	4	-
17	5900095	WSA-100 QUICK START GUIDE	1	-
18	5300921	HD/HDS-18/27/35 WSA-100 BRACKET	1	A
19	5905472	WSA-100 20 AMPS CAPACITY ENGLISH- FRENCH LABEL	1	-
20	5905775	CALIFORNIA PROP. 65 LABEL	2	-

DO NOT SCALE DRAWING

DRAWN: TM DATE: 01/11/2010

CHECKED:

THIRD ANGLE PROJECTION

SMILEY FACE

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BendPak.
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SANTA PAULA, CA 92360

TITLE: WSA-100 ASSEMBLY

SIZE: DWG. NO. 5210438 REV D

SCALE: 1:4 SHEET 1 OF 1