

WSA-100 Utility Station

Quick Start Guide

P/N 5900095 — Rev. C — June 2024

The WSA-100 Utility Station (SKU 5210438) conveniently adds air and electrical outlet sources to selected BendPak lifts.

The WSA-100 Utility Station easily mounts near the Power Unit with a versatile corner mounting bracket, or without the mounting bracket and directly to existing threaded holes found on larger lifts. The following BendPak Lifts will accept **one** of these two methods:

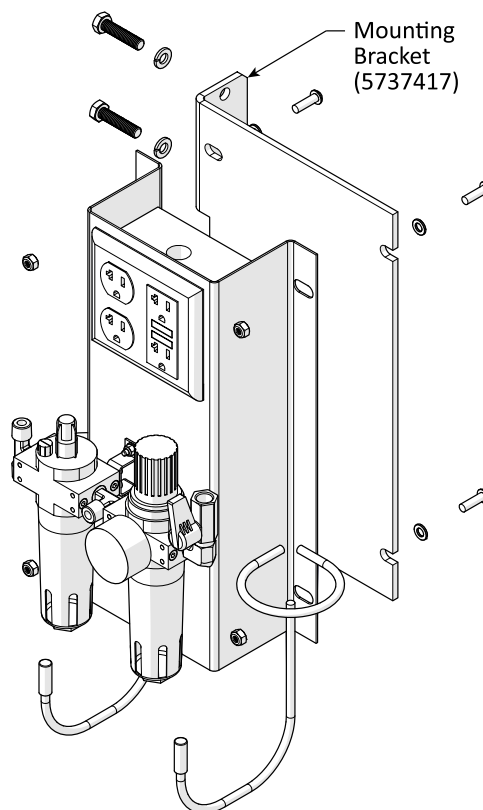
Four Post Lifts:

- HD Series (HD-7, HD-9, HD-14)
- HDS Series (HDS-14, HDS-18, HDS-27, HDS-35, HDS-40)
- HDSO-14 Series

Two-Post Lifts:

- 10AP Series, 12APX, 12APX-SRT
- 16AP, 20AP

WSA-100 Utility Station with corner mounting bracket, shown.

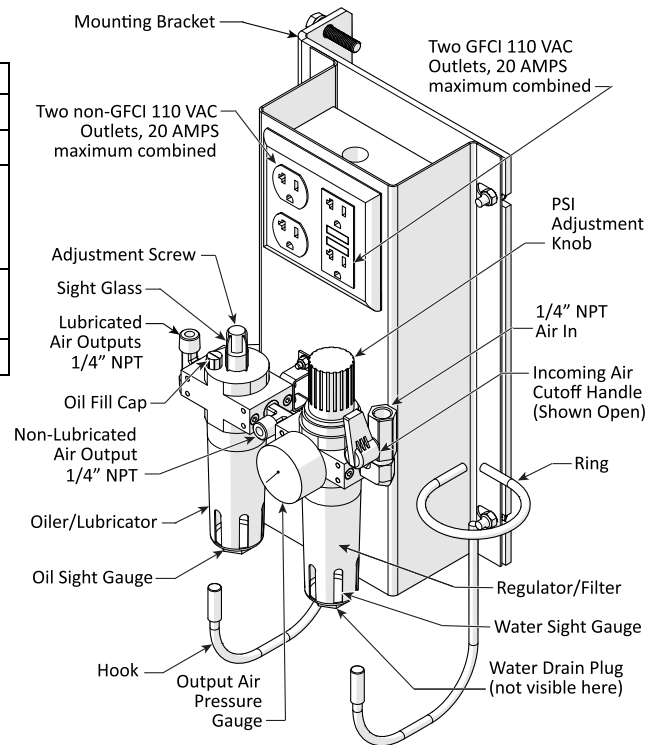


WARNING

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.

The main components of the WSA-100 are as shown here:

WSA-100 Specs	
Voltage	Four, 110 VAC Outlets
Amperage	20 Amps, 1 phase, 60 Hz
Lubricant	SAE 10W Air Tool Oil or generic pneumatic oil to the oiler / lubricator
Oiler/Lubricator Capacity	.75 oz. / 22ml
Air Fittings	1/4" NPT



- **Four 110 VAC outlets.** Two have a Ground-Fault Circuit Interrupter (GFCI), two do not. Maximum current is 20 Amps. Hire a licensed electrician to 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. All receptacles *must* be properly grounded. 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.**
- **Air source.** Brings pressurized air to your lift. There are three parts to the assembly:
 - **Incoming air.** Connect an incoming air supply to the Air **In** connector. You need to supply and install an appropriate 1/4" NPT fitting for the Air **In** connector. Teflon tape or liquid sealant is recommended.
 - **Outgoing air.** Connect an air fitting to the Air **Output** connector for both non-lubricated and lubricated air. You need to supply and install appropriate 1/4" NPT fittings. Teflon tape or liquid sealant is recommended.
 - **Regulator / Filter.** Removes contaminants from incoming air. Includes a gauge that shows the pressure of regulated air. Non-lubricated air can be used to add air in 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.** Adds pneumatic oil, for tool lubrication into the incoming air. Pressurized air, saturated with oil, provides lubrication to pneumatic tools, which reduces friction to extend service life. Only use lubricated air with pneumatic products that require it. Fittings are 1/4" NPT.
- **Two rings and two hooks.** For holding tools and hoses, for example. The large hooks ensure that the cords or hoses can be stowed away neatly and out of the way.

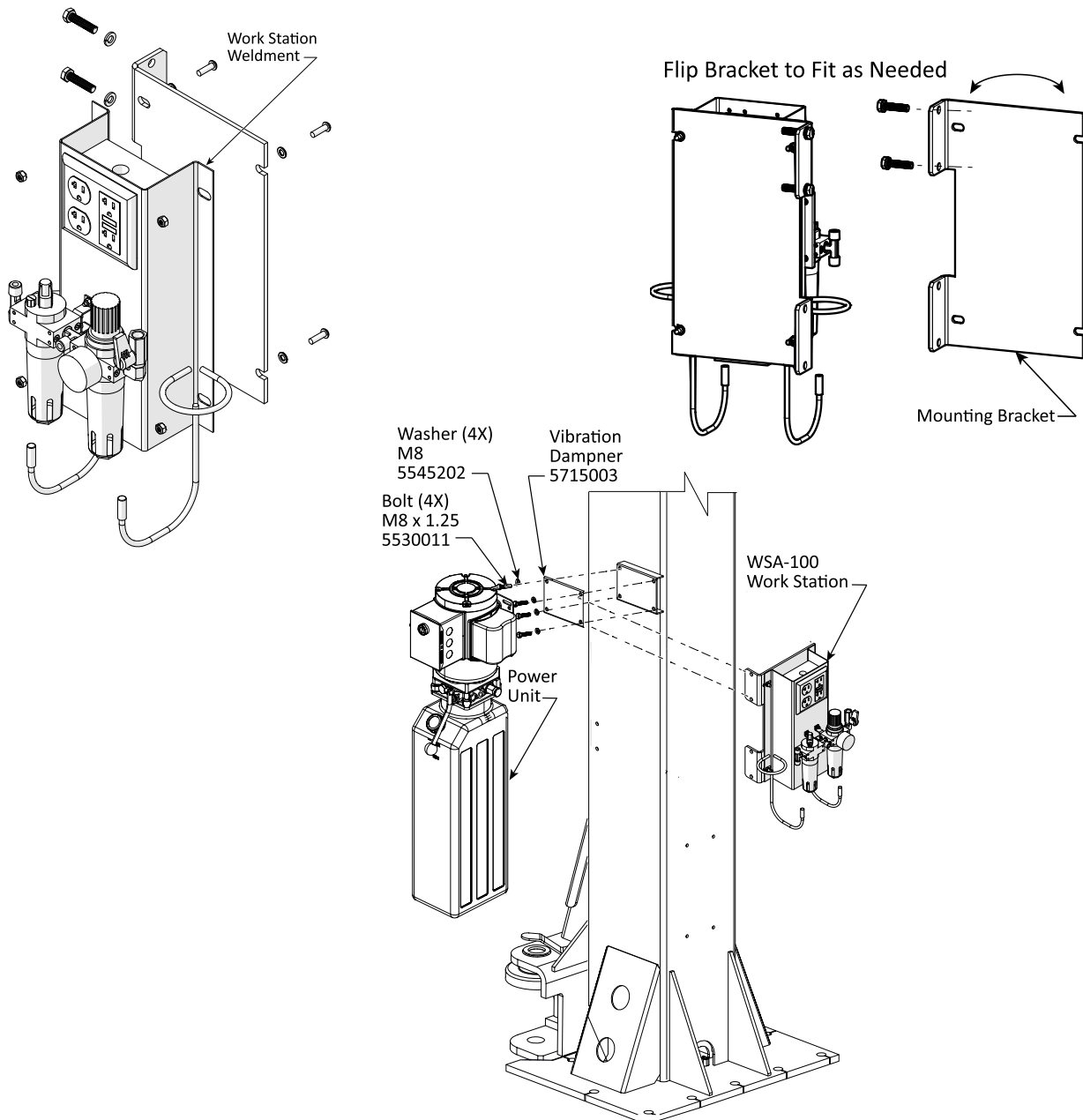
⚠ DANGER

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

To mount the WSA-100 on a Two Post Lift (10 AP Series, 10AP-SRT, 12APX, or 12AP-SRT):

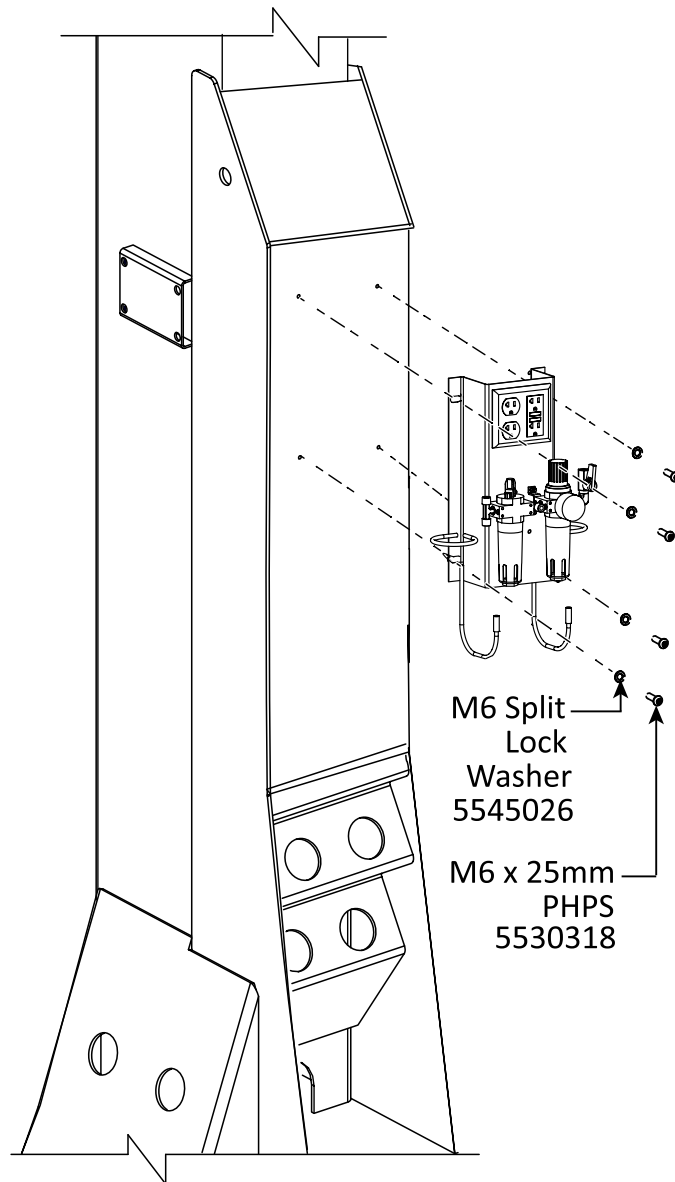
The following describes the sequential steps to assemble and attach the WSA-100 Work Station. Note that the WSA-100's mounting bracket is designed to allow mounting on either the right hand, or the left hand side of the Power Post.

1. For right or left placement, simply position the Mounting Bracket (flip upside down if required) and fasten it to the Work Station Weldment with supplied hardware, so that the attaching ears are located to reach the desired Power Post weldment.
2. Next, attach the WSA-100 (with Mounting Bracket secured), vibration dampener, and Power Unit with the included hardware (4 bolts, 4 washers) to the post's bracket, via the existing rivet nuts. An assistant may be needed to hold the arranged Power Unit, Vibration Dampener, and WSA-100 Work Station in place.
3. Ensure all fasteners are securely tightened. Note: Older lift models may not feature rivet nuts, and will require installing four M8 x 1.25 nuts (not included) behind the post bracket.



To mount the WSA-100 to a 16AP or 20AP Lift.

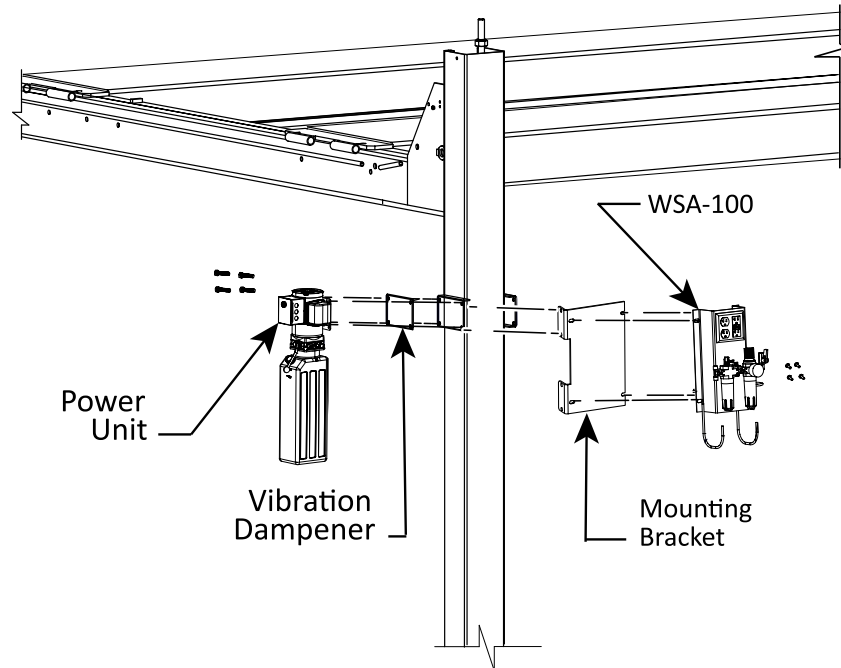
The WSA-100 installs on the 16AP and 20AP post by simply aligning the Utility Station's four perimeter holes and securing it to the post with the four provided screws and washers. The existing four holes in the post's gusset structure are factory threaded.



The following illustrates how to assemble the WSA-100 to a BendPak Four-Post Lift.

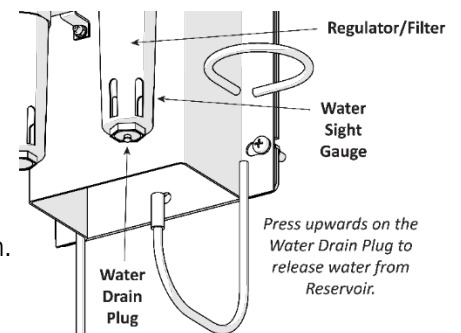
The following describes the sequential steps to assemble and attach the WSA-100 Work Station. Note that the WSA-100's mounting bracket is designed to allow mounting on either the right hand side, or the left hand side of the Power Post.

1. For right or left placement, simply position the Mounting Bracket (flip upside down if required) and fasten it to the Work Station Weldment with supplied hardware, so that the attaching ears are located to reach the desired Power Post weldment.
2. Next, attach the WSA-100 (with Mounting Bracket secured), vibration dampener, and Power Unit with the included hardware (4 bolts, 4 washers) to the post's bracket, via the existing rivet nuts. An assistant may be needed to hold the arranged Power Unit, Vibration Dampener, and WSA-100 Work Station in place.
3. Ensure all fasteners are securely tightened. Note: Older lift models may not feature rivet nuts, and will require installing four M8 x 1.25 nuts (not included) behind the post bracket.



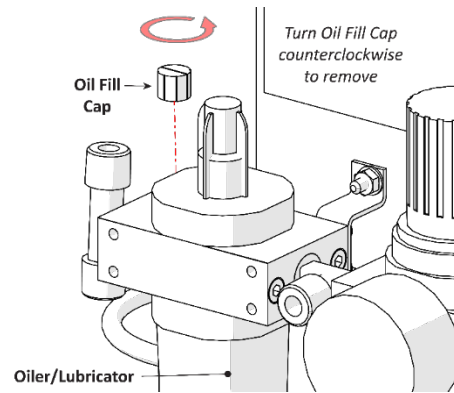
To drain water from the Regulator/Filter Reservoir:

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, 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 to drain.
4. Release the Water Drain Plug and re-connect the air source.



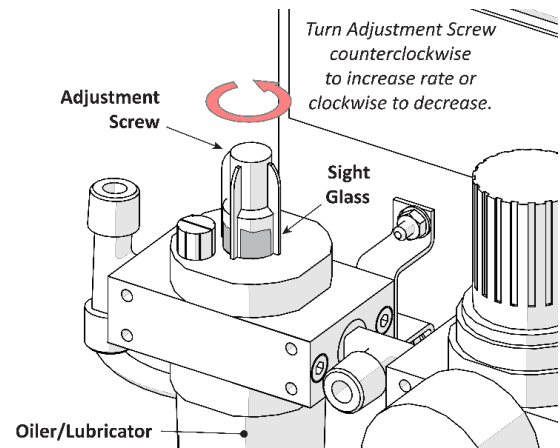
To add pneumatic oil to the Oiler/Lubricator:

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. Release air pressure first. Disconnect the air source at the Air **In** connector.
3. Turn the oil reservoir Oil Fill Cap counterclockwise with a slot screwdriver and pull it off.
4. Add SAE 10W Air Tool Oil or generic pneumatic oil to the reservoir.
5. Oiler/Lubricator capacity is .75 oz. / 22ml.
6. Put the oil reservoir back in place, turning it clockwise until tight, then re-connect the air source.



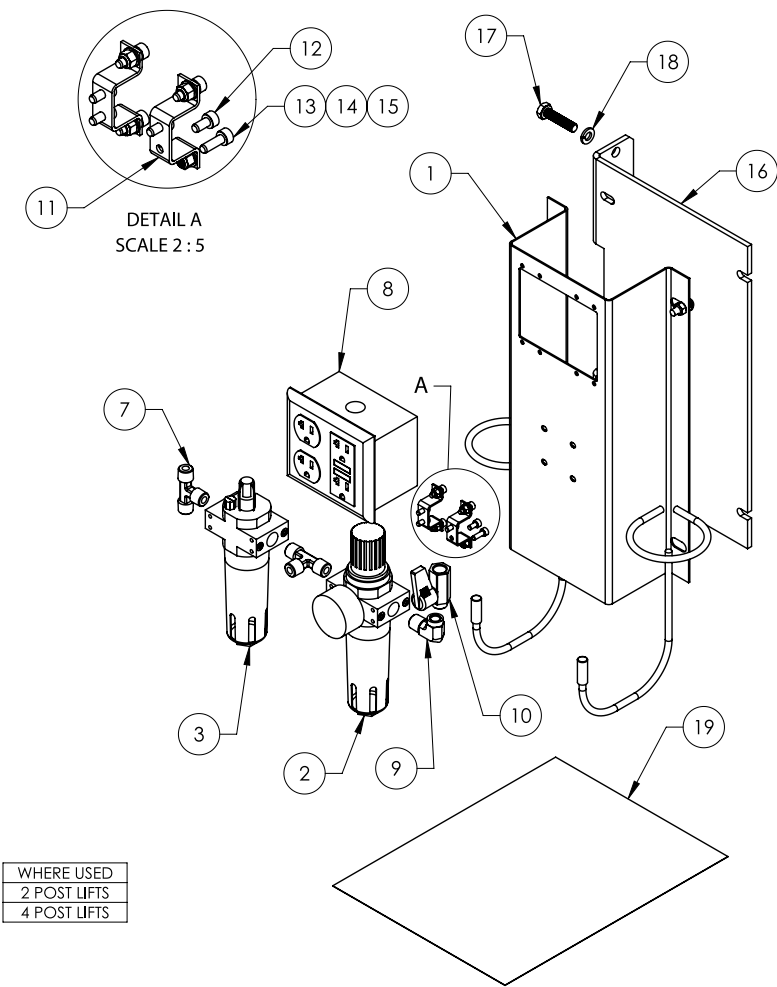
To check the oil feed rate on the Oiler/Lubricator:

1. Use a device that uses the WSA-100's lubricated air.
2. Watch the Sight Glass to see how much pneumatic oil comes out. Should produce 1 or 2 drops per minute. The rate may vary slightly based on the tool manufacturer's recommendations.
3. If there are not 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 ensure 1 or 2 drops are produced.



If you have problems with your WSA-100, contact your dealer, visit bendpak.com/support, email support@bendpak.com, or call **(800) 253-2363** and follow the prompts.

PARTS DIAGRAM



ITEM NO	PART NUMBER	DESCRIPTION	QTY	REV
1	5600397	UTILITY AIR STATION WELDMENT	1	B
2	5327846	FILTER REGULATOR	1	-
3	5327847	OILER/LUBRICATOR	1	-
4	5530065	BHSC M6 x 1.0 x 20 FT, CL 10.9	4	-
5	5545005	WASHER M6 x 12 FLAT, CL 10.9	4	-
6	5535357	NUT M6 x 1.0 NL, CL10.9	4	-
7	5550171	FTG TEE -04 NPT x -04 NPT x -04 NPT	2	-
8	5520495	110V, 20 AMP GFI 4-PLUG OUTLET	1	-
9	5550050	FTG ELB -04 F NPT x -02 NPT	1	-
10	5550045	FTG VLV -04 NPT x -04 F NPT TPBV	1	-
11	5323015	AIR OIL/REGULATOR MOUNTING BRACKET	2	A
12	5530335	SHCS M4 x 0.7 x 8 ZPL	4	-
13	5530008	SHCS M4 x 0.7 x 12 BOC	4	-
14	5545042	WASHER M4 x 0.7 FLAT	4	-
15	5535010	NUT M4 x 0.7, NL, CL8	4	-
16	5737417	WSA-100 MOUNTING BRACKET	1	B
17	5530011	HHB M8 x 1.25 x 35 FT, CL 10.9	2	-
18	5545202	WASHER M8 x Ø15 SL, CL10.9	2	-
19	5900095	WSA-100 QUICK START GUIDE	1	-

DO NOT SCALE DRAWING		NAME	DATE	 1645 LEMONWOOD DR. SANTA PAULA, CA 93060
DRAWN	TM		01/11/2010	
CHECKED				
DIMENSIONS ARE IN MM		THIRD ANGLE PROJECTION		TITLE: WSA-100 ASSEMBLY
		SIZE: DWG. NO.		REV
		A 5210438		F
SCALE: 1:5				SHEET 1 OF 1

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