

Air Line Kit

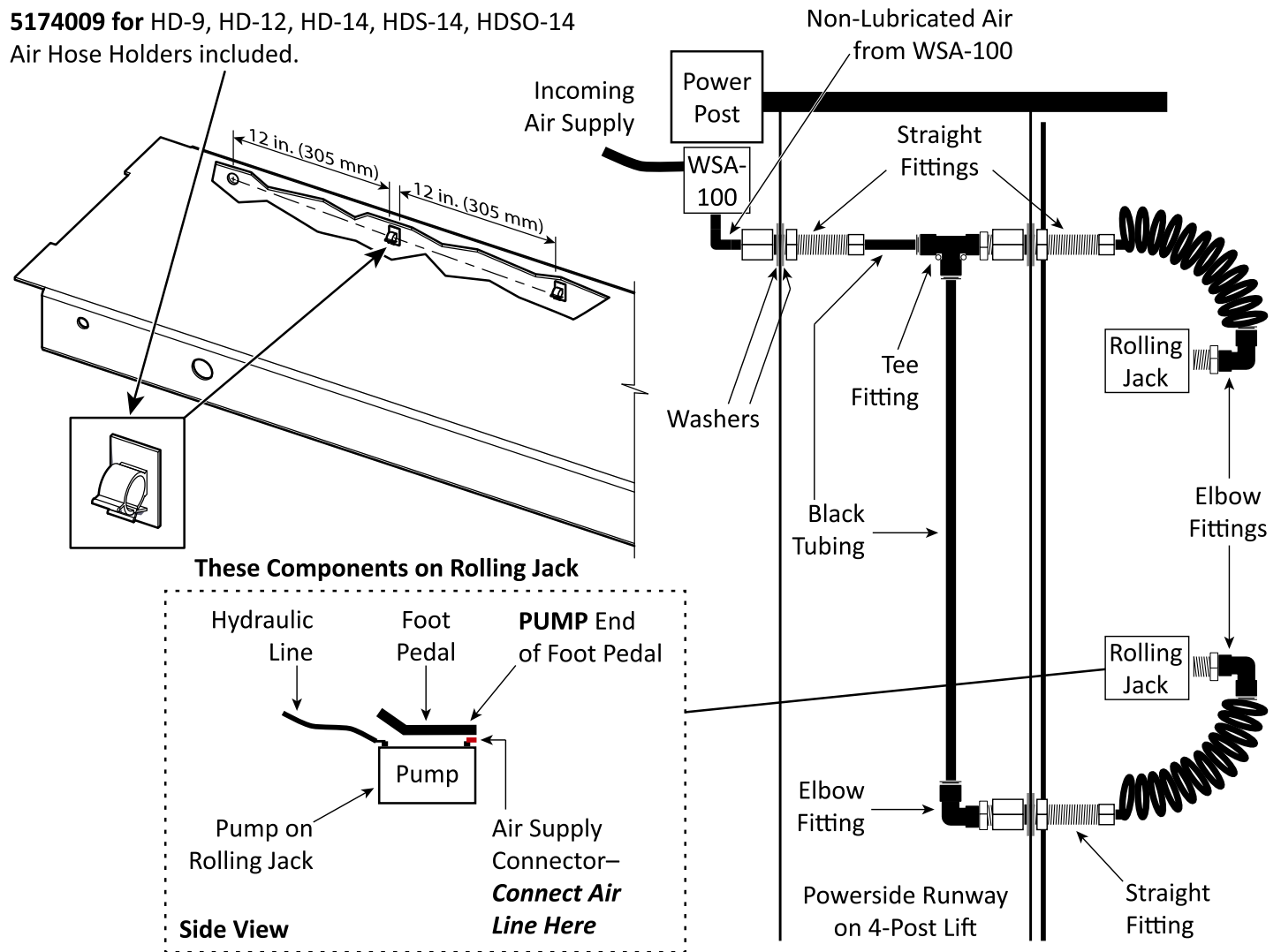
Quick Start Guide

P/N 5900096 — Rev. A1 — Sept. 2024

The Air Line Kit allows routing of the customer supplied compressed air to the Rolling Jacks on your BendPak 4-Post Lift. One Air Line Kit provides the infrastructure for **two** Rolling Jacks.

The following drawing is a Top View of the **underside** of the Powerside Runway of a 4-Post Lift. It shows the path the Incoming Air Supply takes to get to the Air Supply Connector on each Rolling Jack Pump.

5174009 for HD-9, HD-12, HD-14, HDS-14, HDSO-14
Air Hose Holders included.



There are four Air Line Kits available. Make sure you have the correct one for your Lift:

- **SKU 5174008.** For XR-12000A scissor Lifts. Includes extra Fitting for use next to alignment turnplate.
- **SKU 5174009.** (Includes Air Line Holders 5520480) for HD-9, HD-12, HD-14, HDS-14, and HDSO-14 series four-post Lifts.
- **SKU 5174010.** For HDS-18 / 27 / 35 four-post Lifts.
- **SKU 5174011.** For HDS-27X / 35X / 40X four-post Lifts.

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The Air Line Kit components include:

- **Black Tubing.** Length varies based on which 4-Post Lift you are using. You will need to cut it into two pieces: one short and one long.
- **Two Blue Coiled Air Lines.** Installed between the Rolling Jack and a Straight Fitting.
- **Three Straight Fittings.** Installed in the sides of the Powerside Runway in three locations.
- **One Tee Fitting (black, plastic).** Connects to tubing in two places and a Straight Fitting.
- **Three Elbow Fittings (black, plastic).** Two connect to the Rolling Jacks, one to a Straight fitting
- **Six Washers.** Install Washers where the Straight Fittings connect to the sides of the Powerside Post.
- **Air Hose Holders (5174009 Only)** Keep the Air Hose clear of the Lift Cables by installing the Air Hose Holders (5520480) spaced approx. every 12 in. (305mm) on the underside of the Power Side Runway.

Important Air Line Kit installation notes:

- **Air Supply.** The incoming air source (customer supplied) must not exceed 125 psi. Excess pressure may damage some components.
- **Air Regulator/Filter.** Required between the air source and the Rolling Jack to remove contaminants. The Regulator/Filter on the **WSA-100 (BendPak SKU 5210438)** meets this requirement. If you do **not** have a filter between the air source and the Rolling Jack, you void all warranties on pneumatic components. WSA-100 use not required, but an air filter is.
- **Location.** The Air Line Black Tubing runs under the Powerside Runway, as do the Lift's cables and the Air Lines that disengage the Safety Locks. **Use Holders (5505410) to keep the Air Line away from these.**

To install the Air Line Kit:

1. Install the three Straight Fittings, use Washers on each side of the Runway for each Straight Fitting. The figure on the previous page shows the locations and required orientations for each Straight Fitting. The holes for the three Straight Fittings are all on the Powerside Runway. There are no Air Line Kit holes on the Offside Runway.
2. Install an Elbow Fitting on the Air Supply Connector under the PUMP end of **each** Rolling Jack.
3. Install one end of each Blue Coiled Tubing to the Elbow Fittings you just installed and the other end to the Straight fittings on the inside of the Powerside Runway.

To connect tubing to a Straight Fitting: remove the Nut on the end *and the Ferrule inside it*, slide the Nut and then the Ferrule onto the tubing, put the small Tubing Flange into the tubing, put the thread end of the Straight Fitting up against the end of the tubing, move the Nut down the tubing until it covers the Ferrule, then re-connect the Straight Fitting to the Nut by turning the Straight Fitting. Once in place, use tools to fully tighten the Straight Fitting to the tubing.

4. Install the third Elbow Fitting on the Straight Fitting on the underside of the Powerside Runway at the far end of the Powerside Runway.
5. Determine the length for the two Black Tubing lengths: the short length spans the width of the Powerside Runway, the long length runs almost the full length of the Powerside Runway.
6. Install the two Black Tubing lengths.
7. Install Holders (5505410) keep the tubing clear of the Lift Cables spaced as shown in the figure. Carefully clean the areas where holders will be installed to provide an oil-free area for the adhesive.
8. Connect the air source and verify that the air pressure can raise both Rolling Jacks.