



W-K INDUSTRIES LIMITED

3135 Universal Drive, Unit 19

Mississauga, Ontario, Canada L4X 2E6

Tel: (905) 602-6457 - Fax: (905) 602-6562 - Toll-Free (800) 353-0550

www.w-kindustries.com

INSTRUCTIONS FOR THE W-K “AIR-UP” SERIES JACKS

INSTALLATION:

1. Place the jack on the 4-post hoist in the pit with the rollers on the rails.
2. Centre the jack between the runways and tighten the locking bolts.
3. Set air regulator valve to a minimum of 120 psi (air supply must not exceed 150 psi) and attach the air supply. Air supply must be clean and filtered (water separator is recommended).
4. The rail should be kept clean at all times for easy movement and positioning of jack under pick-up points.

OPERATION:

CAUTION: Make sure the jack is in the down position and adapters removed from the top of the jack before driving vehicles onto the pit or 4 post hoist.

1. Position vehicle on the hoist or pit as centered as possible.
2. Move jack to the pick-up points (usually front or rear axle).
3. Select the correct height adapter (to reduce the gap between top of jack and pick-up point on axle) and secure adapters by sliding them under the lift brackets. With the larger jacks (W-K 18 to W-K 50) you may lift the vehicle without adapters if the distance between the jack and pick up points is minimal.
4. Press lever on air valve to the right (“UP” position) to inflate jack and lift to maximum position (approx. 8 inches). Leave jack inflated (air in), in this position. The spring loaded safety blocks are in position and will lock in place should air pressure decrease.

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5. When lowering jack first press the safety release lever (yellow handle on right side of jack) all the way down with your right hand, and second, push the air valve lever to the left to release the air pressure with your left hand. Both levers must be held firmly until the jack is in the bottom position.
6. If less than maximum lift is required, let jack rest on any lower set of safeties with jack still pressurized.
7. If the jack is resting on the safeties, you must inflate and raise the jack sufficiently to free the safeties before pressing the safety lever down and releasing the air pressure to lower the jack.
8. If adapters were used make sure to remove them before the vehicle is driven off the pit or hoist.

MAINTENANCE:

1. Oil guide pins - **DO NOT GREASE**. The guide pins (visible when jack is in the up position) should be oiled every week or when sooner if necessary with gear oil (80-90 grade).
2. Confirm that clean / filtered shop air is being used (water separator is recommended). Contaminated air will not affect the "air spring" in any way but could damage seals in the 3-way air valve. Check the air pressure being used to verify that a min of 120 psi is being used.
3. Check the button-head bolts (or Hex-Head bolts on the larger jacks) to ensure that they are tight. The bolts can be tightened by attaching an Allen key to the bolt on the bottom of the guide pin (under the jack) to hold the guide pin securely while the top bolt is being tightened.