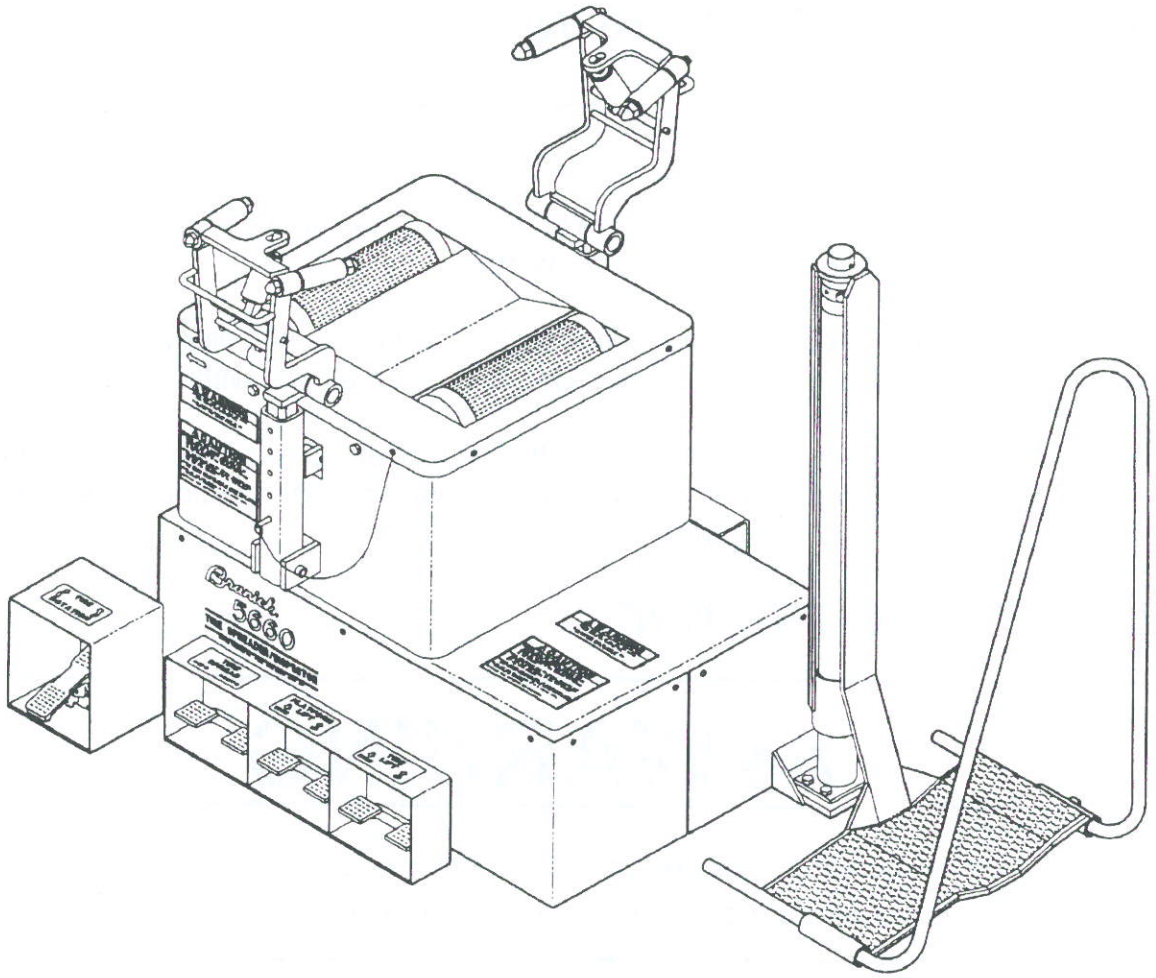
Branick® INDUSTRIES, Inc.

MODEL 5660 Tire Spreader Inspector

Operating Instructions and Repair Parts Information



P/N: 81-0024

⚠ CAUTION

- **Before using this product, read and fully understand the operating instructions and all decals on the product. This is necessary to prevent injury to the operator and damage to the product.**
- **Use this product only for lifting, spreading and inspecting tire casings. Do not attempt to lift any tire over 300 pounds or use this product for any other purpose.**
- **Do not use this product if it is visibly worn, distorted or damaged.**
- **Always wear appropriate eye protection.**

Step 1. SHOP INSTALLATION

A) Position the Model 5660 on a solid level floor leaving a minimum of 16 inches of clearance from the sides and rear of machine.

B) Insert tire guard into tubes on lift cradle. Tighten the nylon set screw to proper tension to allow tire guard adjustment for different tire widths.

C) Attach a 1/2 NPT quick coupler nipple (not provided) into the 90° elbow fitting on the filter assembly located at the rear of machine. Use a 1/2 inch air line with 100 p.s.i. minimum.

D) The regulator assembly has been preset at the factory at 100 p.s.i. and must not be set any higher. Although the lubricator has been filled with oil at the factory, check to be sure oil has not leaked out during shipment.

Step 2. LIFTING THE TIRE

⚠ WARNING

- **Keep feet clear of the tire lift cradle when raising and lowering tire.**
- **All personnel must be clear of the tire lift area during operation.**

A) Make sure the spreader platform is in the lowest position.

B) Pull the spread roller arms into the upright position away from the traction rollers.

C) Roll the tire onto the lift cradle. Steady the tire with your right hand and press the tire lift foot valve. The lift cradle will automatically rotate toward the traction rollers as it is moving upward. Keep the tire lift foot valve depressed and roll the tire onto the traction rollers. Release tire lift foot valve and the lift cradle will return to the down position.

Step 3. SPREADING THE TIRE

A) Adjust the spreader platform to the most comfortable working height using the platform lift foot valve.

B) Place the spread roller arms between tire beads and adjust them to the proper height for the tire size being inspected. The spread roller arms are held in position with a hitch pin. To adjust the spread roller arms, pull the hitch pin and move spread roller arm up or down to one of the five adjustment holes. Most larger truck tires will use the uppermost adjustment holes. Both spread roller arms must be adjusted to the same height. Adjustment to the opposite side spread roller arm can be made by rotating the spreader platform 180°.

C) Spread tire to desired width using the spread foot valve. If tire is lifted off traction rollers when it is spread, the spread roller arms are positioned too high and should be lowered.

⚠ CAUTION

Keep fingers and hands clear of spread roller arms and traction rollers during tire spread and rotation.

D) The tire can now be rotated in either direction using the rotation treadle valve.

E) Full inside and outside inspection of the tire can be made with the operator remaining in one location using the 180° spreader platform rotation.

Step 4. REMOVING THE TIRE

A) Lower spreader platform to the lowest position.

B) Remove spread roller arm pressure and remove the spread roller arms from the tire bead.

C) Press the tire lift foot valve until the lift cradle has rotated into position next to the traction roller. While keeping the tire lift foot valve depressed, roll the tire onto the lift cradle. Steady the tire with your right hand and release the tire lift foot valve and guide the tire to the floor.