

## OTC 5295

# OTC Tools 5295 Powertrain Lift User Manual

Model: 5295 | Brand: OTC

## 1. INTRODUCTION AND OVERVIEW

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The OTC Tools 5295 Powertrain Lift is designed to facilitate the service and handling of various vehicle components. Its unique features make it suitable for tasks such as separating engine/transmission assemblies, handling hybrid engine/generator modules, and managing electric vehicle batteries, fuel tanks, and suspension systems. A generous ground clearance allows for floor crane access, while a low collapsed height aids in servicing large components while still on the lift. The table tilts to help properly align components to the vehicle during installation, and threaded holes in the tabletop accommodate future adapters and powertrains. This manual provides essential information for the safe and effective use, setup, operation, and maintenance of your OTC 5295 Powertrain Lift. Please read it thoroughly before operating the equipment.

## 2. KEY FEATURES

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- Robust design with completely sealed piston.
- New lever design and pneumatic release valve allows for more precise release control, not requiring a separate valve operation step.
- Four-position handle includes a 'stow away' position for convenience.
- Includes two height adapters for versatile use.
- ANSI/PALD certified, ensuring compliance with safety standards.
- Sliding split table top design for easy separation of components.
- Table tilts to assist in proper component alignment during installation.
- Threaded holes in the tabletop accommodate future adapters and powertrains.
- 1,760-lb capacity.

## 3. SETUP

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Before initial use, ensure all components are present and undamaged. Refer to the packing list for verification. Assemble the handle and any included height adapters according to the diagrams provided in the separate assembly guide (not included in this document). Position the lift on a flat, stable, and level surface capable of

supporting the lift's weight plus the maximum load capacity.



Figure 3.1: OTC Tools 5295 Powertrain Lift in extended position.



Figure 3.2: OTC Tools 5295 Powertrain Lift in low-collapsed height.

## 4. OPERATING INSTRUCTIONS

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Always wear appropriate personal protective equipment (PPE) when operating the powertrain lift. Ensure the load is centered and secured on the tabletop before lifting or lowering. Use the foot pedal to raise the lift and the pneumatic release valve for controlled lowering. The tilting tabletop feature can be engaged to assist with precise alignment of components during installation or removal.

For detailed operational procedures, including specific instructions for using the split tabletop and tilting mechanism, refer to the comprehensive operational guide provided with the product.

## 5. MAINTENANCE

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Regular maintenance is crucial for the longevity and safe operation of your OTC 5295 Powertrain Lift. Inspect the hydraulic system, including hoses and fittings, for any signs of leaks or damage before each use. Check the wheels and casters for smooth operation and ensure all fasteners are tight. Keep the lift clean and free of debris. Lubricate moving parts as recommended in the full maintenance schedule (refer to the separate maintenance manual for detailed instructions).

The robust design features a completely sealed piston, minimizing internal maintenance requirements for the hydraulic system.

## 6. TROUBLESHOOTING

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If the lift does not raise or lower smoothly, check the hydraulic fluid level and ensure there are no air pockets in the system. Verify that the pneumatic release valve is functioning correctly and not obstructed. If the lift experiences instability, ensure the load is properly balanced and the lift is on a level surface. For persistent issues or complex repairs, contact OTC customer support or a qualified service technician.

## 7. SPECIFICATIONS

Attribute	Value
Load Capacity	1,760 Pounds
Brand	OTC
Color	Blue
Item Dimensions (L x W x H)	62 x 48 x 38 inches
Item Weight	825 pounds
Country of Origin	USA
Model Number	5295
UPC	731413589898

## 8. WARRANTY INFORMATION

OTC stands behind the quality of its products. The OTC Tools 5295 Powertrain Lift is backed by a commitment to quality and durability. For specific warranty terms and conditions, including details on any lifetime warranty, please refer to the official warranty statement provided with your product or visit the OTC official website.

## 9. CUSTOMER SUPPORT

For any questions, technical assistance, or service inquiries regarding your OTC Tools 5295 Powertrain Lift, please contact OTC Customer Support. You can find contact information on the official OTC website or through your product's documentation.

OTC is committed to providing reliable tools and support to ensure your satisfaction and the safe operation of their equipment.