

KEEP FOR FUTURE REFERENCE



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INSTRUCTIONS

International Version

STOCK NUMBERS: SEE
SPECIFICATIONS

TELESCOPING/REMOVABLE PAD ARMS



***READ ALL INSTRUCTIONS AND WARNINGS
BEFORE USING THIS PRODUCT***



DESIGNED FOR THE MATERIALS HANDLING PROFESSIONAL

SPECIFICATIONS

Stock Number: 95536, 95537, 95538, 95612AM

Description: Telescoping/Removable Pad Arms enable a vacuum lifter to handle loads with different dimensions and/or weights from those listed for the standard lifter (see SPECIFICATIONS in lifter's instruction manual).

Note: When Telescoping/Removable Pad Arms are installed, removed or extended, they can increase or reduce the lifter's effective Load Capacity, Pad Spread or Lifter Weight. See SPECIFICATIONS in the lifter's instruction manual for details.

WARNINGS



Powr-Grip is pleased to offer the most reliable materials handling products available. Despite the high degree of security provided by this product, certain precautions must be observed to protect the lifter operator and others.



Never use Telescoping/Removable Pad Arms that are damaged, malfunctioning, or missing parts.

Never use Telescoping/Removable Pad Arms if the sealing edge of any vacuum pad is cut or otherwise damaged.

Always install Telescoping/Removable Pad Arms as directed in ASSEMBLY.

Never exceed the lifter's Load Capacity (see SPECIFICATIONS in lifter's instruction manual) or attempt to lift loads the lifter and/or Telescoping/Removable Pad Arms are not designed for.

Always make certain the contact surfaces of the load and all vacuum pads are clean prior to applying the pads (see lifter's instruction manual).

Always position the vacuum pads correctly on the load prior to lifting (see OPERATION).

Always remember that modifications to Telescoping/Removable Pad Arms may compromise safety. Wood's Powr-Grip cannot be responsible for the safety of pad arms that have been modified by the customer. For consultation, contact Wood's Powr-Grip (see LIMITED WARRANTY).

ASSEMBLY

Telescoping/Removable Pad Arms may be installed, extended or removed from the lifter's pad frame as needed to support a specific load's weight and dimensions. To support the maximum load weight and larger load dimensions, all pad arms must be installed on the pad frame and all vacuum lines must be connected to the vacuum pads. To support smaller weights and dimensions, some vacuum lines may be disconnected and the corresponding pad arms removed, **provided that the lifter still has sufficient capacity to support the load.**

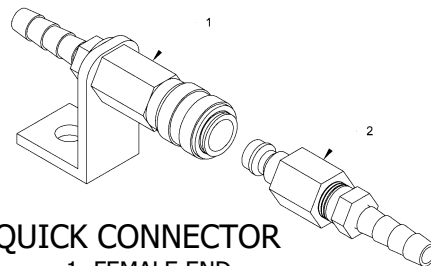
Always arrange pad arms in a symmetrical configuration, to keep the lifter balanced. Utilize as many vacuum pads as possible for each load, to maximize lifting capacity and to minimize load overhang (see INTENDED USE: LOAD CHARACTERISTICS in lifter's instruction manual).

⚠ WARNING: Removing any pad arm reduces lifting capacity.

To calculate the lifting capacity when some pad arms are removed from the lifter's pad frame, consult the Per-Pad Load Capacity (see SPECIFICATIONS in lifter's instruction manual) and multiply by the number of pads currently in use. **Note that calculated capacities may not exceed the Maximum Load Capacity** (see SPECIFICATIONS in lifter's instruction manual).

To CONNECT / DISCONNECT VACUUM LINES

The vacuum line for each Telescoping/Removable Pad Arm is connected to or disconnected from the vacuum system by means of a quick connector. To connect the vacuum hose, push the male and female ends of the connector together until they lock. To disconnect the vacuum hose, move the release ring on the female end until the connector separates. The quick connector must be disconnected in order to remove a pad arm.



QUICK CONNECTOR

- 1 FEMALE END
- 2 MALE END

⚠ WARNING: Make sure vacuum hoses are coiled or routed to avoid damage during lifter operation.

Make sure all vacuum hoses are secure and routed to avoid being punctured, pinched, kinked, entangled, abraded or otherwise damaged while the lifter is in operation.

Note: Whenever a quick connector is disconnected, the vacuum pad served by that connector does not contribute to the lifting capacity, whether or not the pad arm is mounted on the pad frame.

TO INSTALL PAD ARMS

- 1) Remove the cotterless hitch pin from a Telescoping/Removable Pad Arm.
- 2) Insert the end of the pad arm in one socket on the pad frame, so that the vacuum pad faces in the correct direction and the holes align for the cotterless hitch pin.
- 3) Secure the pad arm in the pad frame by pushing the cotterless hitch pin through the holes until the retaining ball emerges on the far side of the pad frame socket.
- 4) Remove the end of the quick connector from the spring clip on the pad frame (if applicable), and connect the vacuum line (see TO CONNECT/DISCONNECT VACUUM LINES preceding).
- 5) Repeat steps 1-4 to install other pad arms as needed. Always install pad arms in a symmetrical arrangement, and make sure that all vacuum lines are functioning correctly. If any pad arm is not installed on the pad frame, see the preceding ASSEMBLY discussion to determine the lifting capacity.

TO REMOVE PAD ARMS

- 1) Disconnect the appropriate vacuum line (see TO CONNECT/DISCONNECT VACUUM LINES preceding), and clip the free end of the quick connector to the spring clip on the pad frame (if applicable), so that the free vacuum hose will not interfere with lifter operation.
- 2) Remove the cotterless hitch pin from the pad frame.
- 3) Remove the Telescoping/Removable Pad Arm from its socket on the pad frame, and reinsert the cotterless hitch pin in the pad arm for safe-keeping.
- 4) Repeat steps 1-3 to remove other pad arms as needed. Always remove pad arms so as to maintain a symmetrical arrangement of the pad frame. Store removed pad arms in a clean, dry location to protect them from environmental exposure.



WARNING: Removing any pad arm reduces lifting capacity.

See the preceding ASSEMBLY discussion to determine the lifting capacity when any pad arm is removed from the pad frame.

OPERATION

Before applying the vacuum lifter to a load, make sure that all vacuum pads will fit entirely on the load's contact surface and that they will be loaded evenly while lifting. Whenever Telescoping/Removable Pad Arms are installed (see ASSEMBLY), position them inward or outward as needed to provide optimal support across the load surface (see TO POSITION PAD ARMS to follow). After confirming that the pad frame is configured to optimize the lifting capacity and pad spread for the load, operate the lifter as directed in the OPERATION section of the lifter's instruction manual.

TO POSITION PAD ARMS

- 1) Remove the cotterless hitch pin from a Telescoping/Removable Pad Arm.
- 2) While making sure the attached vacuum hose does not get pinched, slide the pad arm to the desired position and align the holes for the cotterless hitch pin in the pad arm with the corresponding holes in the pad frame.
- 3) Secure the pad arm by pushing the cotterless hitch pin through the holes until the retaining ball emerges on the far side of the pad frame tube.
- 4) Repeat steps 1-3 to position other pad arms as needed. Always position pad arms in a symmetrical arrangement, and make sure that all vacuum lines are functioning correctly.

MAINTENANCE

When performing inspections and tests as directed in the lifter's instruction manual, be sure to include all parts of each Telescoping/Removable Pad Arm and quick connector, whenever applicable.

REPLACEMENT PARTS LIST

Stock No.	Description
16057	Quick Connector - 1/8 FNPS - Male End
16056	Quick Connector - 1/8 FNPS - Female End

***SERVICE ONLY WITH IDENTICAL REPLACEMENT PARTS,
AVAILABLE AT WPG.COM OR THROUGH AN AUTHORIZED WPG DEALER***

LIMITED WARRANTY

Powr-Grip products are carefully constructed, thoroughly inspected at various stages of production, and individually tested. They are warranted to be free from defects in workmanship and materials for a period of one year from the date of purchase.

If a problem develops during the warranty period, follow the instructions hereafter to obtain warranty service. If inspection shows that the problem is due to defective workmanship or materials, Powr-Grip will repair the product without charge.

WARRANTY DOES NOT APPLY WHEN:

Modifications have been made to the product after leaving the factory.

Rubber portions have been cut or scratched during use.

Repairs are required due to abnormal wear and tear.

The product has been damaged, misused, or neglected.

If a problem is not covered under warranty, Powr-Grip will notify the customer of costs prior to repair. If the customer agrees to pay all repair costs and to receive the repaired product on a C.O.D. basis, Powr-Grip then will proceed with repairs.

TO OBTAIN REPAIRS OR WARRANTY SERVICE

For purchases in *North America*:

Contact the Technical Service Department at Wood's Powr-Grip Co. When factory service is required, ship the complete product--prepaid--along with your name, address and phone number to the street address hereafter.

For purchases in *all other localities*:

Contact your dealer or the Technical Service Department at Wood's Powr-Grip Co. for assistance.

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