



AIR HOSE REEL OWNER & ASSEMBLY MANUAL



ENGLISH

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FOUR WAYS TO ORDER

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The Forney Promise

At Forney Industries, we are unwavering in our commitment to your success, no matter your location, size or needs.

A Message from Our President & CEO

Thank you for choosing a Forney product.

Since 1932, Forney has been at the forefront of innovation and excellence in all facets of our business. J.D. Forney was an entrepreneur who invented the instant-heat soldering iron and the first 110-volt Arc Welder. For over 90 years, we have continued this legacy, introducing our latest welding machines, plasma cutters and several new metal working products for the retail and industrial sectors.

When you choose Forney, you are investing in reliability, dependability, and quality, backed by a dedicated team:

- Our Expert-Tech team of engineers and technicians are just a phone call away anytime you need help with a Forney machine or have questions about our products and accessories.
- The Forney Customer Service team is staffed Monday through Friday from 7am – 5pm Mountain Time to address any questions regarding products, services, or account maintenance.
- Our Product Development and Marketing Teams communicate new, innovative products on a regular basis. Learn about our newest product innovations by signing up for our emails at www.Forneyind.com.

At Forney, we are dedicated to surpassing your expectations. Because, when our customers succeed, we succeed.

Steven G. Anderson

STEVEN G. ANDERSON, President & CEO
FORNEY INDUSTRIES, INC.



TECHNICAL ISSUES? FORNEY CAN HELP!

Thank you for choosing Forney! Please note: The store you purchased this unit from DOES NOT handle product returns. Forney Industries will repair or replace defective products at no charge to you!

When you call Forney's Expert-Tech™ team, you will speak to a trained product and application expert. Forney's primary goal is to get your unit up and running in as little time as possible. In fact, the majority of issues can be fixed over the phone! Please be near your unit when you call, so the Forney technician can guide you.

Speaking to a Forney technician directly helps us gather better data, and improve our products. It is our highest priority to ensure our customers are cared for.



WE MAKE IT EASY!

Please contact Forney Industries Technical Service at 800-521-6038 Ext. 2 or customerservice@forneyind.com for inquiries, technical and general questions.

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CAUTION!

BEFORE INSTALLING, OPERATING OR CARRYING OUT MAINTENANCE ON THE UNIT, READ THE CONTENTS OF THIS MANUAL CAREFULLY, PAYING PARTICULAR ATTENTION TO THE SAFETY RULES AND HAZARDS.

In the event of these instructions not being clear, please contact your Forney Authorized Dealer or Forney Customer Service 1-800-521-6038.

Symbols Legend

SYMBOL	MEANING	SYMBOL	MEANING	SYMBOL	MEANING
	PERSONAL PROTECTION		FIRE HAZARD		FALLING OBJECTS
	POISON HAZARD		ELECTRICAL HAZARD		WARNING/ CAUTION

Safety Summary

California Proposition 65 Warning

⚠ WARNING: This product can expose you to chemicals, including lead, which are known to the State of California to cause cancer, birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov. P65 details at forneyind.com. Wash hands after use.

WARNING! SOME DUST CREATED BY POWER SANDING, SAWING, GRINDING, DRILLING AND OTHER CONSTRUCTION ACTIVITIES CONTAINS CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

Some examples of these chemicals are:

1. Lead from lead-based paints.
2. Crystalline silica from bricks, cement and other masonry products.
3. Arsenic and chromium from chemically treated lumber.

Risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, ALWAYS work in a well-ventilated area with certified safety equipment such as dust masks specifically designed to filter out microscopic particles.

- Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling and other construction activities. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

General Safety

- **SAVE THESE INSTRUCTIONS.** Read and understand all instructions, precautions and safety warnings before operating this equipment to avoid injury or property damage.
- Some dust contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm such as asbestos, lead and lead-based paint.

General Warnings: Before Use, Read and Understand Operator's Manual

Personal injury and/or equipment damage may result if proper safety precautions are not observed. Wear impact-resistant eye wear in work area at all times. This reel must be only mounted to load bearing structural objects such as wall studs, rafter or floor which can support the combined weight of reel and hose and can withstand pulling forces on hose when in use. The air hose is designed for air pressures not exceeding 300 PSI. **DO NOT EXCEED 300PSI.** Be sure to restrain rewinds. Do not allow hose to rewind unrestrained. Read and follow all accessory attachment manuals and instructions.

Pressure Vessels

PRESSURE VESSELS MAY BURST! Compressed gas tanks or cylinders are designed and may be UM-coded according to ASME Section VIII, Div. 1 rules. Pressure vessels may fail suddenly with a violent explosion that could cause serious injury, death or property damage. All pressure vessels including compressed air tanks should be inspected once every two years. To find your state pressure vessels inspector, search for the Division of Labor and Industries on the internet or in the government section of your local phone book.

ALWAYS ensure that pressure vessels are located on a stable platform with a level base. **NEVER** lean a pressure vessel against a surface or object as it may fall over resulting in serious injury, death or property damage. **NEVER** place tools, machines, objects, or equipment above the valve of a pressure vessel or the pressure vessel itself. Falling objects can damage pressure vessels or their valves resulting in equipment rupture, explosion, rapid acceleration or other failure. **NEVER LOCATE A PRESSURE VESSEL ON AN ELEVATED SURFACE, PLATFORM OR ROOF.**

Falling Objects



FALLING OBJECTS CAN CAUSE SERIOUS INJURY OR PROPERTY DAMAGE!

Tools, machines, equipment, and other objects can fall from shelves, tables, workbench, or roof and cause serious injury, death, or property damage. **NEVER** position tools, machines, or equipment on a roof or other elevated surface without proper mounting procedures.

Warranty

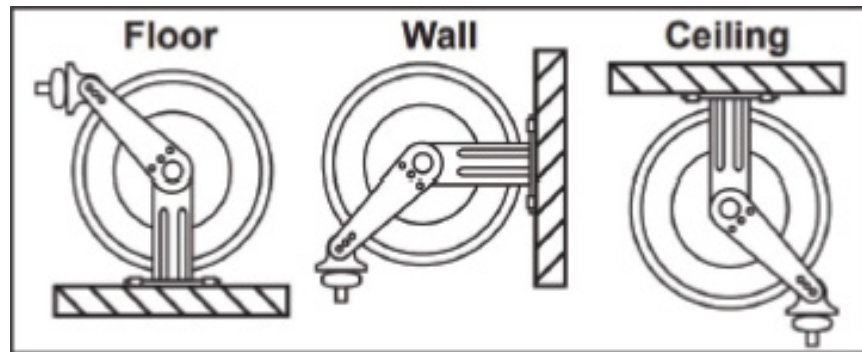
This product includes a one-year warranty.

Product: Free of defects in material and workmanship that may occur under normal use and care.

Installation

Instructions

1. Remove bag of mounting hardware
 - If mounting into masonry/concrete walls, retain the included anchors for Step 5.
 - If mounting into wood, obtain 3/8" x 1-1/2" lag screws (or larger) and 1" washers.
2. Remove the air hose reel from the packaging
3. Select the mounting location:
 - Reel can be mounted on the floor, ceiling or wall; however, all four anchors must be mounted to a load-bearing structural member, which is capable of supporting the combined weight of the air hose reel and forces caused by maneuvering the hose.
 - **PRO TIP:** Use scrap 2x6 or similar to span studs in order to create a solid mounting surface
 - Consult the "Typical Mounting Positions" chart below and the diagram that most closely matches your mounting position. If necessary, adjust the guide arm position to match the diagram. (See "Adjust the Guide Arm" instructions below)



4. Mark footprint and drill pilot holes of the mounting plate out on the mounting location.
5. Install Mounting Hardware and Reel:
 - For Wood mounted applications:
 - Pre-screw two of the lag screws into location.
 - **PRO TIP:** For wall-mounted applications, screw the bottom bolts in first.
 - Back out lag screws approximately 1/4" - 1/2".
 - Place the open-ended mounting bracket holes over the backed out lag screws and washers.
 - Tighten the screws.
 - Install the remaining two screws.
 - For concrete-mounted application (using provided hardware):
 - Drill out 3/8" holes, at least 3" deep into surface.
 - Remove washer, lock washer and nut from anchor and set aside.
 - Hammer in hardware, being careful not to damage bolt threads.
 - **PRO TIP:** Use a rubber mallet or scrap 2x4 to protect bolt threads.
 - Place the mounting bracket over the exposed anchors.
 - Tighten all hardware.
6. Install preferred air fittings on the jumper hose and use thread sealing tape or thread sealant to ensure an air tight connection.
7. Install jumper hose on hose reel, use thread sealing tape or thread sealant to ensure an air tight connection.

Adjusting the Guide Arm (As Needed)

1. Pull out 3-4' of hose and allow the reel to lock in position
2. Remove the four-bolt connecting guide arm to the support post, retain bolts
3. Rotate guide arm in 90° increments until it reaches the desired position.
Replace the 4-bolts and tighten

Adjusting the Hose Stopper (As Needed)

The hose stopper determines the length of hose that remains outside of the reel.

1. To adjust, pull hose out past desired position of hose stopper and latch reel. Remove the four-bolt connecting guide arm to the support post, retain bolts
2. Loosen both stopper bolts and move stopper to desired position.
3. Tighten stopper bolts.

Adjusting Recoil Tension (As Needed)

1. Disconnect incoming air supply
2. Pull out approximately 2' of hose and latch the reel
3. Remove the hose stopper
4. While firmly holding onto edge of reel drum, unlatch reel and carefully allow drum to slowly rewind, drawing hose end back through guide arm roller assembly and onto reel.
 - Increase Tension: Turn reel clockwise (as seen from air inlet side).
 - Decrease Tension: Allow reel to slowly rotate counterclockwise (as seen from air inlet side).
5. Once desired spring tension is reached, latch the reel in position.
6. Feed the end of the hose through the roller assembly in the guide arm, then re-attach the hose stopper.
7. Reconnect the hose incoming air supply

Operating the Air Hose Reel

The Air Hose Reel automatically retracts the air hose using an internal spring motor. When hose is pulled from the reel, it is pulled against the tension of the spring motor. The more the hose is pulled out, the greater the tension in the spring motor. **NEVER LET GO OF THE HOSE WHILE PULLING FROM THE REEL.** Letting go will allow the hose to rewind at an uncontrolled speed, possibly damaging the internal spring or anything in its proximity.

1. Air hose should be pulled out slowly from reel. As hose is pulled from the reel, the entire drum rotates. To prevent extra wear on the air hose, periodically check to ensure the guide rollers are operating smoothly.
2. As the reel drum rotates, the locking mechanism makes a short series of clicking sounds each ½ revolution. In one revolution, there are a total of 10 locking positions.
3. Locking Reel in Position: Slow down pulling motion as the desired length of hose is approaching. Listen for ratcheting clicks and then reduce tension to lock into position.
4. Retracting Hose into Reel: Pull out the hose slowly until the first series of clicks stop. This means the locking mechanism has cleared the locking gear.



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