

Goodyear 43188-334910

Goodyear Retractable Air Hose Reel User Manual

Model: 43188-334910

1. PRODUCT OVERVIEW



The Goodyear Retractable Air Hose Reel is engineered for heavy-duty industrial and commercial applications. It features a robust steel frame with corrosion-resistant materials, ensuring long-lasting durability. The reel incorporates a spring tube winder retraction system with ratcheting double adjustment for smooth, tangle-free hose management. The included 3/8-inch flex hybrid polymer hose is 100 feet long, supports up to 300 PSI (20 Bar), and maintains flexibility across various weather conditions, resisting kinks for uninterrupted fluid flow. Its quad pod design with rubber leg covers provides exceptional stability and prevents slipping, making it both portable and durable for diverse work environments.

Key Features:

- **Durable Construction:** Heavy-duty steel frame with corrosion-resistant materials.
- **Advanced Retraction:** Spring tube winder retraction and ratcheting double adjustment for smooth operation.
- **High-Pressure Capacity:** 3/8" air hose supports up to 300 PSI (20 Bar).
- **Long, Flexible Hose:** 100-foot premium flex hybrid polymer hose, kink-resistant and flexible in all weather.
- **Stable and Portable:** Quad pod design with rubber leg covers for stability and easy transport.

2. SAFETY INFORMATION

Always read and understand all instructions and safety warnings before operating this product. Failure to follow these instructions may result in serious injury or property damage.

General Safety Precautions:

- Wear appropriate personal protective equipment (PPE), including eye protection, hearing protection, and gloves, when operating air tools and equipment.
- Ensure the air hose reel is placed on a stable, level surface or securely mounted before use.
- Do not exceed the maximum operating pressure of 300 PSI (20 Bar).
- Keep children and bystanders away from the work area.
- Never point the air nozzle at yourself or others.
- Disconnect the air supply before performing any maintenance or adjustments.

Hose Reel Specific Safety:

- Do not allow the hose to snap back uncontrolled during retraction. Always guide the hose manually.
- Inspect the hose and fittings for damage, wear, or leaks before each use. Replace damaged components immediately.
- Avoid kinking or crushing the hose, as this can weaken it and lead to failure.
- Ensure proper ventilation when using air tools, especially in enclosed spaces.

3. COMPONENTS

The Goodyear Retractable Air Hose Reel comes with the following main components:

- **Main Reel Assembly:** Contains the spring-driven mechanism and hose drum.
- **100-foot Flex Hybrid Polymer Air Hose:** Pre-installed on the reel.
- **Lead-in Hose:** Connects the reel to your air compressor.
- **Heavy-Duty Steel Frame:** Provides structural support and stability.
- **Rubber Leg Covers:** For increased traction and floor protection.

- **Non-Snag Rollers:** Guide the hose smoothly during extension and retraction.
- **Swivel Hose Inlet:** Allows for flexible connection to the air supply.

4. SETUP

Unboxing and Inspection:

- Carefully remove the hose reel from its packaging.
- Inspect all components for any signs of shipping damage. If damaged, do not use and contact customer support.
- Ensure all listed components are present.

Placement and Stability:

The Goodyear hose reel features a quad pod design for excellent stability, allowing it to be used freestanding on the ground. It can also be mounted to a wall or ceiling for permanent installation (mounting hardware not included).



STURDY & STABLE

- ✓ 4 legged reel for increased stability
- ✓ Rubberized leg covers for increased traction

Image: The Goodyear air hose reel showcasing its sturdy quad pod design with rubberized leg covers for increased stability and traction.

- For freestanding use, place the reel on a flat, stable surface. The rubber leg covers will help prevent slipping.
- For wall or ceiling mounting, ensure the mounting surface is structurally sound and capable of supporting the weight of the reel and hose, especially when fully extended. Use appropriate heavy-duty fasteners.

Connecting to Air Compressor:

- Connect the lead-in hose from the reel to your air compressor's output. Ensure all connections are tight to prevent air leaks.
- Use thread sealant tape (PTFE tape) on all threaded connections for an airtight seal.
- Once connected, slowly turn on the air compressor and check for any leaks at the connections.



Image: A mechanic utilizing the Goodyear Retractable Air Hose Reel with a 3/8" x 100 feet hose to service a vehicle's tire in a workshop setting.

5. OPERATING INSTRUCTIONS

Extending the Hose:

- Grasp the hose firmly by the nozzle or end fitting.
- Slowly pull the hose out to the desired length. You will hear clicking sounds as the internal ratcheting mechanism engages.
- To lock the hose at a specific length, stop pulling when you reach the desired point. The ratcheting mechanism will hold the hose in place.
- The non-slag rollers and swivel inlet ensure smooth extension and reduce wear on the hose.

COMMERCIAL DESIGN

Commercial-grade design with a non-snag roller and swivel inlet for smooth, flexible operation.



Non Snag
Rollers



Swivel
Hose Inlet



Image: Close-up view of the Goodyear air hose reel highlighting its commercial design features, including non-snag rollers and a swivel hose inlet for smooth, flexible operation.

Retracting the Hose:

- To retract the hose, pull it out slightly further until the ratcheting mechanism disengages (you will hear a distinct click or feel it release).
- Slowly guide the hose back into the reel. Do not release the hose abruptly, as it can whip back and cause injury or damage.
- The spring tube winder retraction system will automatically rewind the hose. Guide the hose evenly onto the reel to prevent tangles and ensure proper layering.

ADVANCED RETRACTING SYSTEM

The spring tube winder retraction system ensures smooth, automatic rewind for quick and tangle-free storage.



**Spring Tube
Winder Retraction**



**Ratcheting and Double
Adjustment Function**



Image: Detailed view of the Goodyear air hose reel's advanced retracting system, featuring the spring tube winder retraction and ratcheting double adjustment function for quick and tangle-free storage.

Product Video:

Video: An overview of the Goodyear Quad Hose Reel, demonstrating its features and functionality in a workshop setting. This video highlights the reel's robust construction and smooth operation.

6. MAINTENANCE

Regular maintenance will ensure the longevity and optimal performance of your Goodyear Air Hose Reel.

Cleaning:

- Wipe down the hose and reel housing with a damp cloth to remove dirt, dust, and debris.
- Avoid using harsh chemicals or solvents that could damage the hose or painted surfaces.

Inspection:

- Periodically inspect the entire length of the hose for cuts, abrasions, bulges, or other signs of wear.
- Check all fittings and connections for tightness and signs of leakage. Tighten as necessary.
- Examine the reel frame for any bends, cracks, or corrosion. The baked-on powder coat helps resist chips and scratches.
- Ensure the retraction mechanism operates smoothly. If it feels stiff or sluggish, a small amount of silicone spray lubricant can be applied to the moving parts, avoiding the hose itself.

DURABLE HOUSING

Finished with a baked-on powder coat to resist chips and scratches, ensuring long-lasting durability.



**High Impact
Resistant Housing**



**Corrosion
Resistant**



**High Graded
Steel**

Image: The Goodyear air hose reel showcasing its durable housing, finished with a baked-on powder coat for resistance against chips and scratches, ensuring long-lasting durability.

Storage:

- When not in use, store the hose reel in a clean, dry environment, away from direct sunlight and extreme temperatures.
- Ensure the hose is fully retracted and properly coiled on the reel before storage.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Hose does not retract fully or smoothly.	Hose is not guided properly; internal spring issue; debris in mechanism.	Ensure hose is guided evenly during retraction. Check for obstructions. If spring issue, contact customer support.
Hose does not lock at desired length.	Ratcheting mechanism is not engaging; worn components.	Pull hose out slightly further to reset the mechanism. If issue persists, contact customer support.
Air leaks from connections.	Loose fittings; damaged O-rings/seals; insufficient thread sealant.	Tighten all connections. Apply new thread sealant tape. Replace damaged O-rings or seals.
Low air pressure at tool.	Hose kinked; air leaks; compressor issue.	Check hose for kinks. Inspect for leaks. Verify air compressor is operating correctly.

8. SPECIFICATIONS

Specification	Detail
Brand	Goodyear
Model Number	43188-334910
Hose Length	100 Feet
Hose Diameter	3/8 inches
Max Pressure	300 PSI (20 Bar)
Hose Material	Flex Hybrid Polymer
Frame Material	High-quality 2-stage powder coated steel
Item Weight	44.7 Pounds
Product Dimensions (L x W x H)	16.5 x 14.8 x 15 inches
Installation Type	Freestanding, Ceiling Mount, Wall Mount
Operation Mode	Manual (Spring-Driven Retraction)

9. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the documentation included with your product or visit the official Goodyear website. Keep your purchase receipt as proof of purchase for any warranty claims.

Goodyear is committed to providing high-quality products and excellent customer service. If you encounter any issues or have questions regarding your air hose reel, please do not hesitate to contact their support team.