



## ATD-31160 Heavy-Duty Manual Air Hose Reel Owner's Manual



### Features:

- Coil and uncoil air hose quickly and neatly to prevent damage
- All-steel construction
- Holds up to 100 ft. of 3/8" or 50 ft. of 1/2" air hose
- Universal bracket for easy mounting to wall, ceiling, work bench, compressor frame, truck bed, etc.
- Spring tension brake controls reel action

### Specifications:

- Capacity: 100 ft. of 3/8" or 50 ft. of 1/2" air hose
- Maximum Pressure: 120 psi
- Maximum CFM: 25 CFM
- Inlet: 1/4" NPT



**WARNING:** This product contains chemicals, including lead, known to the State of California to cause cancer, birth defects or other reproductive harm. *Wash hands after handling.*

## CAUTION

Read, understand and follow all instructions before using this hose reel. Within this manual are:

- Important safety instructions
- Assembly instructions
- Parts and hardware identification

## SPECIFICATIONS

Capacities: 100 ft. of 3/8" hose or 50 ft. of 1/2" hose

Maximum Pressure: 120 psi

Maximum Air Flow: 25 CFM

### SAVE THIS MANUAL

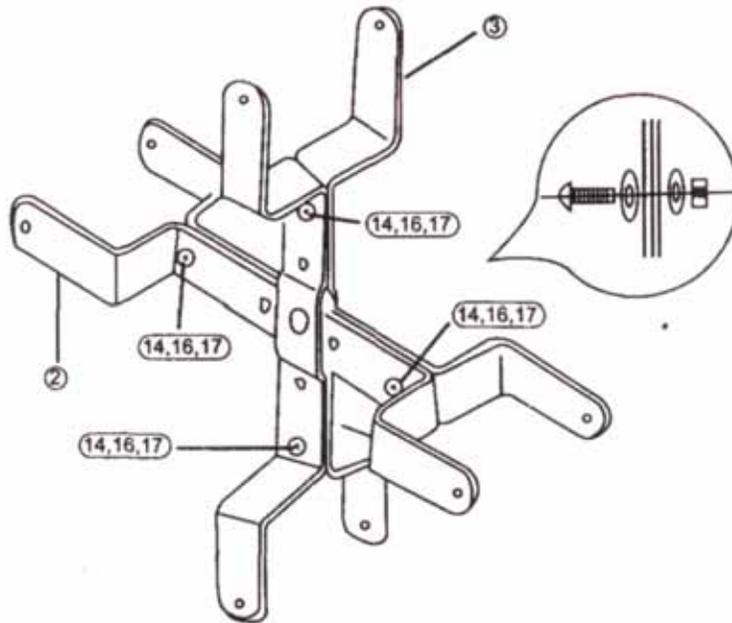
You will need this manual for the safety instructions, assembly instructions, operating procedures and parts list. Put them in a safe, dry place for future reference.

## SAFETY PRECAUTIONS

### READ ALL INSTRUCTIONS BEFORE USING THIS AIR HOSE REEL

1. **KEEP WORK AREA CLEAN.** Cluttered areas invite injuries.
2. **CONSIDER WORK AREA CONDITIONS.** Do not assemble in damp, wet, or poorly lit locations. Do not expose to rain. Keep work area well lit.
3. **KEEP CHILDREN AWAY.** All children should be kept away from the work area.
4. **USE THE RIGHT TOOL.** Do not force a small tool or attachment to do the work of a larger tool. Do not use a tool for a purpose for which it was not intended. Do not exceed this reels intended limits or purpose.
5. **USE EYE PROTECTION.** Use goggles that are ANSI approved against impact and shattering.
6. **STAY ALERT.** Watch what you are doing and use common sense. Do not assemble or use when you are tired or under the influence of alcohol or drugs.
7. **REPLACEMENT PARTS AND ACCESSORIES.** When servicing, use only identical replacement parts. Only use accessories intended for use with this tool. Approved accessories are available to your warehouse distributor, mobile tool trucks or your retailer.
8. **READ ALL MANUALS REGARDING AIR TOOLS YOU ARE USING.** Make sure to obey all noted precautions regarding the use of hoses, tools and fittings when using your new reel.
9. **DO NOT WRAP HOSE AROUND ANY PART OF BODY.** Use reel to coil hoses, not your arms. If hose should become pressurized when wrapped around body parts. It will cause severe bodily damage up to and including amputation, strangulation and death.
10. **UNPACKING**  
When you receive your new Air Hose Reel, it will be disassembled. Check to insure that you have received the parts as shown on the second to last page of this manual. Contact your point of purchase immediately if any parts are missing.

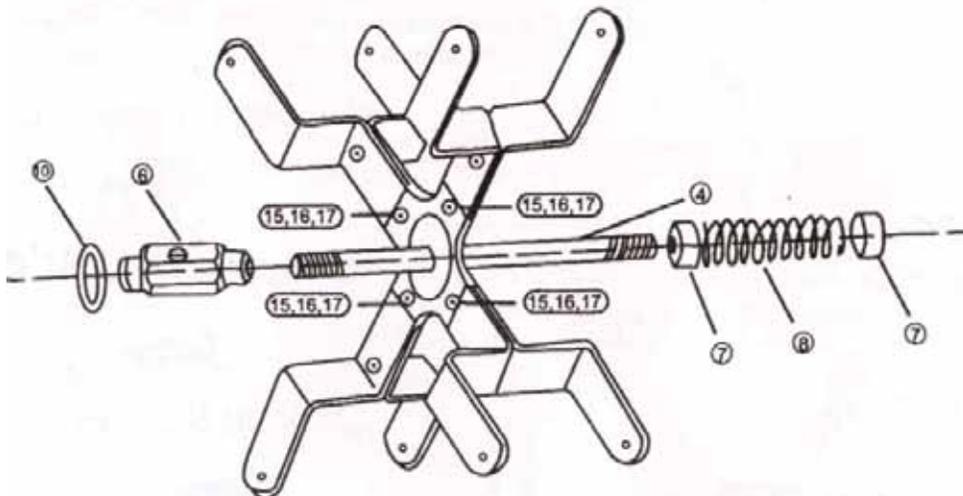
## ASSEMBLY INSTRUCTIONS:



1: Unpack and inspect all Air Hose Reel components. Make sure all parts listed above are enclosed.

2: Assemble two flat center spokes (#2) with two short machine screws (#14), two small locknuts (#15) and four small washers (#16) into the holes near open end of spoke. **DO NOT TIGHTEN THEM.**

3: Assemble two offset center spoke (#3) with one short machine screw (#14), one small locknut (#15) and two small washers (#16) into a outside hole. Insert assembled flat center spokes (#2) into offset center spokes (#3). Install another machine screw, locknut and washers. **DO NOT TIGHTEN THEM.**



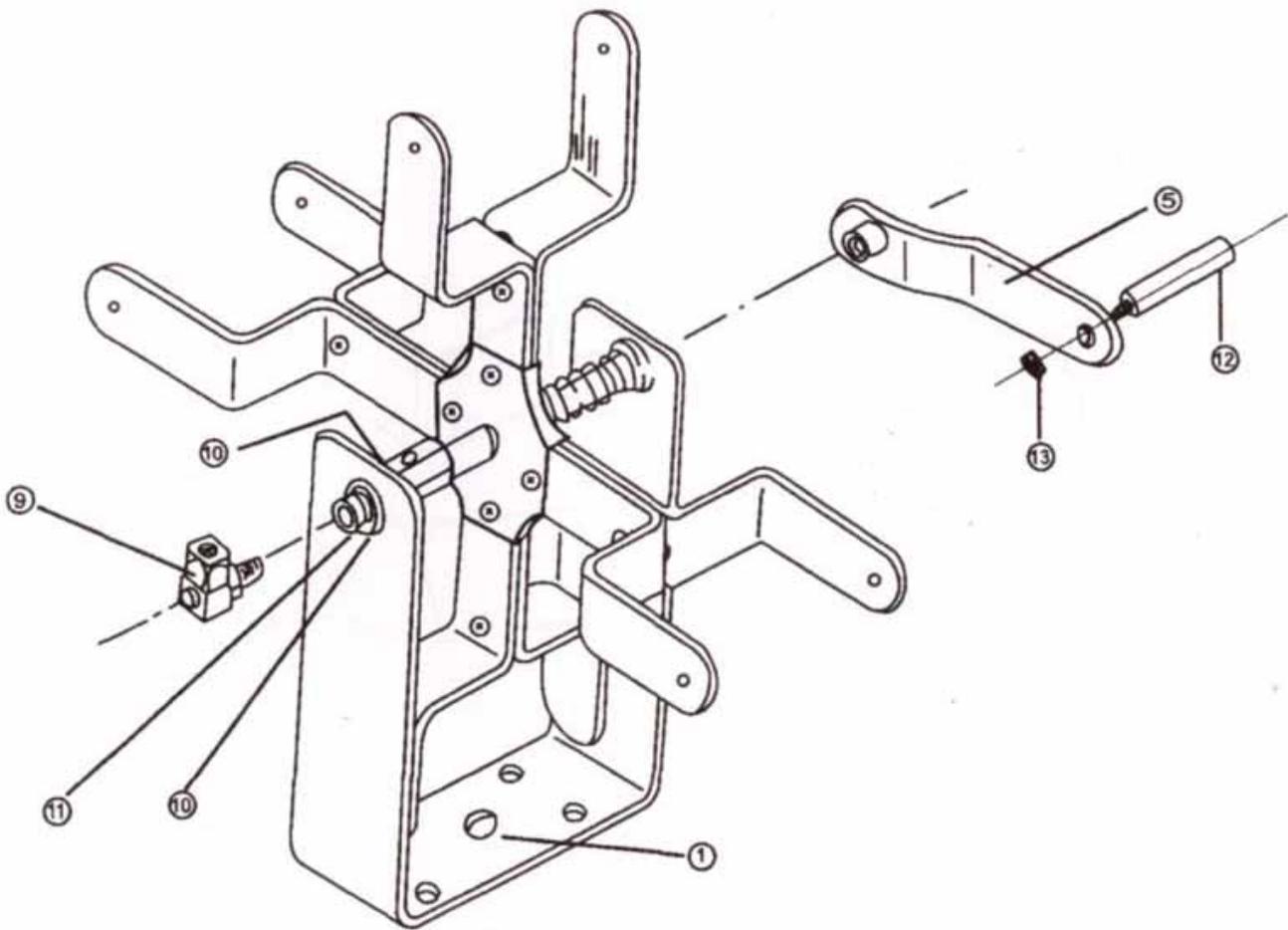
4: Align larger center holes and insert the Axle (#4). Install four long machine screws (#14), four small locknuts (#15) and eight small washers (#16) into four inside holes. Tighten all machine screws and locknuts securely.

5: Rotate the hexagon adapter (#6) clockwise into the longer end of the axle (#4) with the normal thread (not the  $\frac{1}{4}$ " NPT threaded end) and tighten it securely. On the opposite short end, install plastic cover (#7), spring (#8) and plastic cap (#7) one by one.

6: Install the large washer (#10) on the hexagon adapter. Insert it into the larger hole on the base (#1) and install another large washer (#10) and retaining ring (#11). On the other side of the base (#1), rotate the handle shaft (#5) clockwise and hand tighten it securely.

7: Install the dipped handle (#12) with large locknut (#13) and tighten.

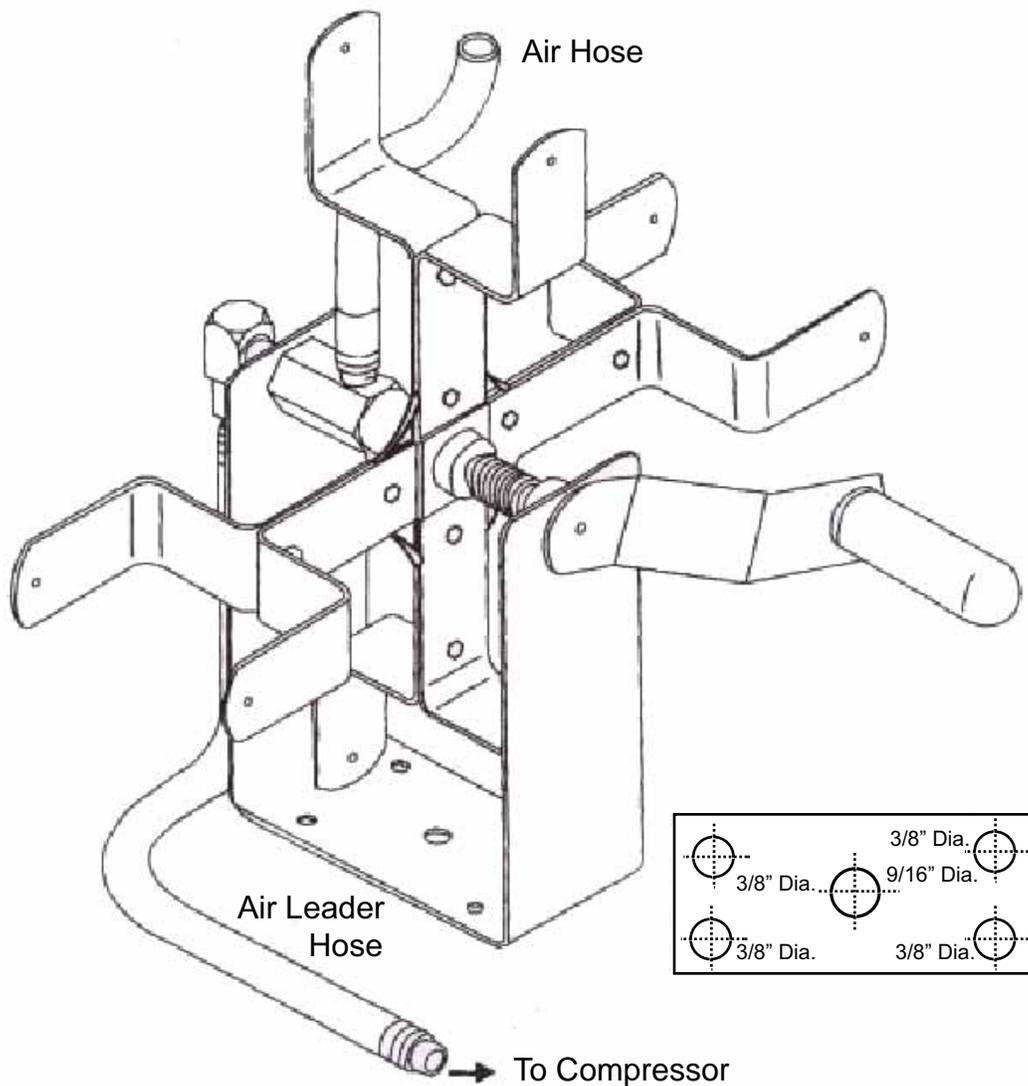
8: Use pipe thread sealant to seal joint of 1/4" NPT brass swivel elbow (#9) and install carefully into the air inlet of the hexagon adapter (#6). Tighten carefully.



9: Install your air hose reel in a secure manner at the four attachment holes or the center hole provided by the bottom of base (#1).

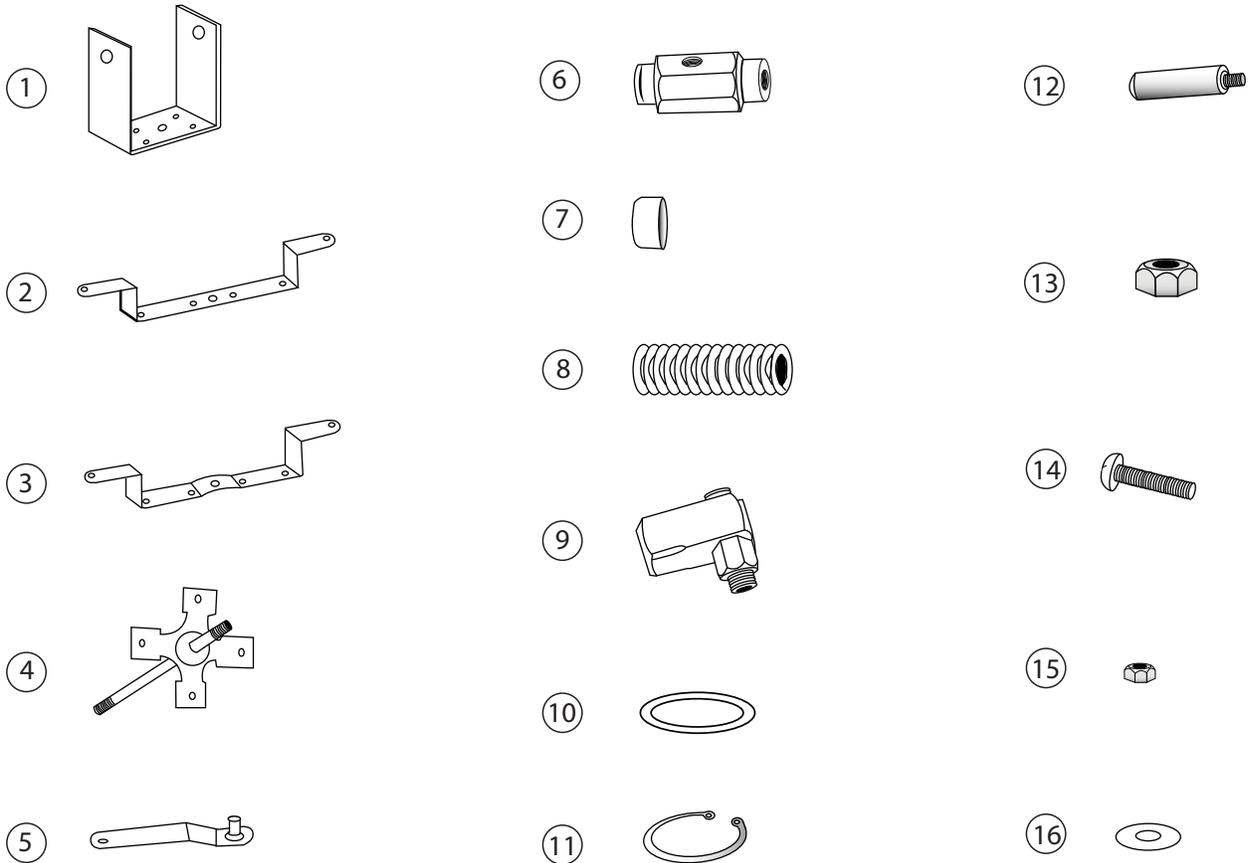
10: Attach one end of the air leader hose to 1/4" NPT brass swivel elbow (#9), the other end to the compressor.

11: Attach the air hose to air outlet of hexagon adapter (#6). Reel may be used right or left handed depending upon the direction of the air hose wrap. Do not make a sharp bend in air hose; connect your air tool with the other end of air hose.





# ATD-31160



ITEM#	ORDERING PART#	PART DESCRIPTION
1	PRT31160-01	BASE
2	PRT31160-02	FLAT CENTER SPOKE (2 pcs)
3	PRT31160-03	OFFSET CENTER SPOKE (2 pcs)
4	PRT31160-04	AXLE
5	PRT31160-05	HANDLE SHAFT
6	PRT31160-HK*	HEXAGON ADAPTER
7	PRT31160-HK*	PLASTIC CAP (2 pcs)
8	PRT31160-HK*	SPRING

ITEM#	ORDERING PART#	PART DESCRIPTION
9	PRT31160-HK*	1/4" NPT BRASS SWIVEL ELBOW
10	PRT31160-HK*	LARGE WASHER (2 pcs)
11	PRT31160-HK*	RETAINING RING
12	PRT31160-HK*	DIPPED HANDLE
13	PRT31160-13	LARGE LOCKNUT
14	PRT31160-HK*	SHORT MACHINE SCREW (8 pcs)
15	PRT31160-HK*	SMALL LOCKNUT (8 pcs)
16	PRT31160-HK*	SMALL WASHER (16 pcs)

\*PRT31160-HK contains items 6, 7, 8, 9, 10, 11, 12, 14, 15, 16 & 17. (Not available individually)



## WARRANTY

### 1 YEAR LIMITED WARRANTY

THIS WARRANTY AND CONFIRMED RECEIPT(S) SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES

PURCHASED FROM: \_\_\_\_\_

DATE PURCHASED: \_\_\_\_\_

INVOICE/RECEIPT NUMBER: \_\_\_\_\_

Your ATD-31160 is warranted for a period of 12 months from the original purchase date.

For a period of one (1) year from your purchase date, ATD Tools Inc. will repair or replace (at its option) without charge, your ATD product if it was purchased new and the product has failed due to a defect in material or workmanship which you experienced during normal use of the product. This limited warranty is your exclusive remedy.

To access the benefits of this warranty, contact your supplier, or point of sale directly. You may be advised to return the product under warranty, freight prepaid, to your supplier for warranty determination.

If this ATD product is altered, abused, misused, modified, or undergoes service by an unauthorized technician, your warranty will be void. We are not responsible for damage to ornamental designs you place on this ATD product and such ornamentation should not cover any warnings or instructions or they may void the warranty. This warranty does not cover scratches, superficial dents, and other abrasions to the paint finish that occur under normal use. It also does not cover normal wear items such as but not limited to brushes, batteries, drill bits, drill chucks, pads or blades.

Subject to the law in your state:

- (1) Your sole and exclusive remedy is repair or replacement of the defective product as described above.
- (2) ATD is not liable for any incidental damages, including but not limited to, lost profits and unforeseeable consequences.
- (3) The repair and replacement of this product under the express limited warranty described above is your exclusive remedy and is provided in lieu of all other warranties, express or implied. All other warranties, including implied warranties and warranties of merchantability or fitness for a particular purpose are disclaimed and, if disclaimer is prohibited, these warranties are limited to one year from your date of purchase of this product.

Some states' laws do not allow limited durations on certain implied warranties and some states' laws do not allow limitations on incidental or consequential damages. You should consult the law in your state to determine how your rights may vary.

[Affix receipt or invoice here for safe keeping]