Instruction Manual

AK-175
Pneudraulic Riveting Tool

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I. GENERAL SAFETY RULES:
1. A half hour long hands-on training session with qualified personnel is recommended before using Huck equipment.
2. Huck equipment must be maintained in a safe working condition at all times. Tools and hoses should be inspected at the beginning of each shift/day for damage or wear. Any repair should be done by a qualified repairman trained on Huck procedures.
3. For multiple hazards, read and understand the safety instructions before installing, operating, repairing, maintaining, changing accessories on, or working near the assembly power tool. Failure to do so can result in serious bodily injury.
4. Only qualified and trained operators should install, adjust or use the assembly power tool.
5. Do not modify this assembly power tool. This can reduce effectiveness of safety measures and increase operator risk.
6. Do not discard safety instructions; give them to the operator.
7. Do not use assembly power tool if it has been damaged.
8. Tools shall be inspected periodically to verify all ratings and markings required, and listed in the manual, are legibly marked on the tool. The employer/operator shall contact the manufacturer to obtain replacement marking labels when necessary. Refer to assembly drawing and parts list for replacement.
9. Tool is only to be used as stated in this manual. Any other use is prohibited.
10. Read MSDS Specifications before servicing the tool. MSDS specifications are available from the product manufacturer or your Huck representative.
11. Only genuine Huck parts shall be used for replacements or spares. Use of any other parts can result in tooling damage or personal injury.
12. Never remove any safety guards or pintail deflectors.
13. Never install a fastener in a clearly marked tool. Personal injury from fastener ejecting may occur.
14. Where applicable, always clear spent pintail out of nose assembly before installing the next fastener.
15. Check clearance between trigger and power piece to ensure there is no pinch point when tool is activated. Remote triggers are available for hydraulic tool if pinch point is unavoidable.
16. Do not abuse tool by dropping or using it as a hammer. Never use hydraulic or air lines as a handle or to bend or pry the tool. Reasonable care of installation tools by operators is an important factor in maintaining tool efficiency, eliminating downtime, and preventing an accident which may cause severe personal injury.
17. Never place hands between nose assembly and work piece. Keep hands clear from front of tool.
18. Tools with ejector rods should never be cycled with out nose assembly installed.
19. When two piece lock bolts are being used always make sure the collar orientation is correct. See fastener data sheet for correct positioning.

II. PROJECTILE HAZARDS:
1. Risk of whipping compressed air hose if tool is pneudraulic or pneumatic.
2. Disconnect the assembly power tool from energy source when changing inserted tools or accessories.
3. Be aware that failure of the workpiece, accessories, or the inserted tool itself can generate high velocity projectiles.
4. Always wear impact resistant eye protection during tool operation. The grade of protection required should be assessed for each use.
5. The risk of others should also be assessed at this time.
6. Ensure that the workpiece is securely fixed.
7. Check that the means of protection from ejection of fastener or pintail is in place and operative.
8. There is possibility of forcible ejection of pintails or spent mandrels from front of tool.

III. OPERATING HAZARDS:
1. Use of tool can expose the operator’s hands to hazards including: crushing, impacts, cuts, abrasions and heat. Wear suitable gloves to protect hands.
2. Operators and maintenance personnel shall be physically able to handle the bulk, weight and power of the tool.
3. Hold the tool correctly and be ready to counteract normal or sudden movements with both hands available.
4. Maintain a balanced body position and secure footing.
5. Release trigger or stop start device in case of interruption of energy supply.
6. Use only fluids and lubricants recommended by the manufacturer.
7. Avoid unsuitable postures, as it is likely for these not to allow counteracting of unexpected tool movement.
8. If the assembly power tool is fixed to a suspension device, make sure that fixation is secure.
9. Beware of the risk of crushing or pinching if nose equipment is not fitted.

IV. REPETITIVE MOTION HAZARDS:
1. When using assembly power tool, the operator can experience discomfort in the hands, arms, shoulders, neck or other parts of the body.
2. When using tool, the operator should adopt a comfortable posture while maintaining a secure footing and avoid awkward or off balanced postures.
3. The operator should change posture during extended tasks to help avoid discomfort and fatigue.
4. If the operator experiences symptoms such as persistent or recurring discomfort, pain, throbbing, aching, tingling, numbness, burning sensations or stiffness, these warnings should not be ignored. The operator should tell the employer and consult a qualified health professional.

V. ACCESSORIES HAZARDS:
1. Disconnect tool from energy supply before changing inserted tool or accessory.
2. Use only sizes and types of accessories and consumables that are recommended. Do not use other types or sizes of accessories or consumables.

VI. WORKPLACE HAZARDS:
1. Be aware of slippery surfaces caused by use of the tool and of trip hazards caused by the air line or hydraulic hose.
2. Proceed with caution while in unfamiliar surroundings; there could be hidden hazards such as electricity or other utility lines.
3. The assembly power tool is not intended for use in potentially explosive environments.
4. Tool is not insulated against contact with electrical power.
5. Ensure there are no electrical cables, gas pipes, etc., which can cause a hazard if damaged by use of the tool.

VII. NOISE HAZARDS:
1. Exposure to high noise levels can cause permanent, disabling hearing loss and other problems such as tinnitus, therefore risk assessment and the implementation of proper controls is essential.
2. Appropriate controls to reduce the risk may include actions such as damping materials to prevent workplace ‘ringing’.
3. Use hearing protection in accordance with employer’s instructions and as required by occupational health and safety regulations.
4. Operate and maintain normal parts as recommended in the instruction handbook to prevent an unnecessary increase in the noise level.
5. Select, maintain and replace the consumable / inserted tool as recommended to prevent an unnecessary increase in noise.
6. If the power tool has a silencer, always ensure that it is in place and in good working order when the tool is being operated.

VIII. VIBRATION HAZARDS:
1. Exposure to vibration can cause disabling damage to the nerves and blood supply to the hands and arms.
2. Wear warm clothing when working in cold conditions and keep hands warm and dry.
3. If numbness, tingling, pain or whitening of the skin in the fingers or hands, stop using the tool, tell your employer and consult a physician.
4. Support the weight of the tool in a stand, tensioner or balance in order to have a lighter grip on the tool.

IX. PNEUMATIC / PNEUDRAULIC TOOL SAFETY INSTRUCTIONS:
1. Air under pressure can cause severe injury.
2. Always shut off air supply, drain hose of air pressure and disconnect tool from air supply when not in use, before changing accessories or when making repairs.
3. Never direct air at yourself or anyone else.
4. Whipping hoses can cause severe injury, always check for damaged or loose hoses and fittings.
5. Cold air should be directed away from hands.
6. Whenever universal twist couplings (claw couplings) are used, lock pins shall be installed and who-check safety cables shall be used to safeguard against possible hose to hose or hose to tool connection failure.
7. Do not exceed maximum air pressure stated on tool.
8. Never carry an air tool by the hose.
Specifications

**Principle of Operation**

**READ INSTRUCTIONS THOROUGHLY PRIOR TO OPERATING THE RIVETER. THIS RIVETER IS DESIGNED FOR INTERMITTENT DUTY AND MAINTENANCE WORK ONLY.**

The AK-175 is a pneudraulic tool designed to set from 1/8” up to and including 1/4 inch diameter steel, stainless steel, aluminum and plastic rivets by changing only the nose piece. The AK-175 has a rated pull pressure of over 3,500 lbs. The AK-175 riveter will operate effectively at any air pressure between 90 and 120 psi. WHEN SETTING 1/4” RIVETS OR Huck Magna-Lok® A MINIMUM AIR PRESSURE OF 110 psi. MUST BE MAINTAINED The maximum air pressure used with the tool should not exceed 120 psi.

The AK-175 utilizes totally different principles than any other riveter. The air pressure activates a reciprocating hydraulic pump which generates the force required to set the fastener.

The hydraulic system is sealed and, although there may be some visible residue around the trigger area, oil need not be added. If the AK-175 should become damaged and leaks oil from the tool, IT SHOULD BE RETURNED TO AN AUTHORIZED SERVICE CENTER. (Authorized Service Centers may be found in Tool Service Center Section of the Manual)

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**Model** | **Weight** | **Min PSI** | **Max PSI** | **Rivet Diameter** | **Pull Pressure** | **Stroke**
--- | --- | --- | --- | --- | --- | ---
AK-175 | 32 oz | 90* | 120 | 1/8”-1/4” | 3500 lbs. | 5/8”

*When setting 1/4” Magna-Lok® rivets, MIN Air pressure is 110 psi

**Accessories**

* Nose Extension Kit
P/N 205490

For more accessories see the optional accessories section

Where the following trade names are used in this manual, please note:

**DEXRON** is a registered trademark of General Motors Corporation.

**MERCON** is a registered trademark of Ford Motor Corp.

**Loctite** is a registered trademark of Henkel Corporation, U.S.A.

**LUBRIPLATE** is a registered trademark of Fiske Brothers Refining Co.

**Never-Seez** is a registered trademark of Bostik, Inc.

**Quintolubric** is a registered trademark of Quaker Chemical Corp.

**Slic-tite** is a registered trademark of LA-CO Industries, Inc.

**Teflon** is a registered trademark of E. I. du Pont de Nemours and Company.

**Threadmate** is a registered trademark of Parker Intangibles LLC.

**TRUARC** is a trademark of TRUARC Co. LLC.

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Operating Instructions

CAUTIONS: Before operating tool, ensure that all nose parts have been screwed in HAND TIGHT.

Frequently check that nose components do not vibrate loose during operation.

IMPORTANT NOTICE: *The AK-175 has a 5/8 inch work travel and will set most rivets in one cycle. If the tool reaches the end of its travel before the rivet breaks, the hydraulic system will lug down. DO NOT continue lugging the tool. Release the tool by squeezing the RELEASING TRIGGER “B”, re-grip the rivet, squeeze the ACTUATING TRIGGER “A” only, and finish the installation.

The AK-175 pneudraulic riveter installs fasteners by a pull and release system. Squeezing the ACTUATING TRIGGER “A” only (Fig. 2) will actuate the tool. The tool must be actuated when installing fasteners and changing nose pieces. After installing the fastener or changing the NOSE PIECE, the tool must be returned to its original position. This releases the pintail if a fastener was installed. To do this, point the tool downward and squeeze releasing TRIGGER “B” only (Fig. 3). See sections on Nose Piece installation and Fastener installation for detailed instructions. SELECT THE PROPER NOSE PIECE FOR THE CORRECT INSTALLATION OF FASTENER AND FUNCTION OF TOOL.

TO CHANGE THE NOSE PIECE
1. Remove the NOSE PIECE in the tool by unscrewing it in a counterclockwise direction.
2. Actuate tool until it is fully extended. (There should be gap of approximately 3/4” in between the RESERVOIR SHIELD and the tool body. (See figure 1)
3. Hand tighten the NOSE PIECE into the NOSE TUBE and release the tool by squeezing the releasing trigger “B” only.

FASTENER INSTALLATION
Install correct nose piece on tool (see NOSE PIECE installation section).
1. Insert pintail of rivet in to the nose piece.
2. Then Position the rivet body in to work piece to be fastened.
3. Hold the tool steady against the work piece and squeeze ACTUATING TRIGGER “A” only, until fastener is installed and rivet pin-tail is broken* (See figure 2 below)

Troubleshooting

1.) Rivet Pintail is stuck in tool
**Step 1:** Lightly tap nose against a hard surface while after breaking squeezing Handles and pressing down the RELEASING BUTTON with tool pointing downward Pintail should then fall out, see Figure 4. (If that does not work try Second Step.)
**Step 2:** (Use this only if first step does not work) Remove NOSE TUBE and Jaw Holder (for help see figure 5) take out pintail and reassemble.

2.) Tool will not reverse: Push on the handles until you feel a slight give, then press the RELEASING BUTTON and continue pushing on the handles, the tool should then reverse. If this does not work Remove NOSE TUBE and inspect for any foreign matter that may have cause the jamming between Jaw Holder and the inside of Nose Tube.

3.) Fastener does not pull rivet: The Jaw Holder is loose. Remove the Nose Tube and tighten the Jaw Holder by turning it counter clockwise (See Three Piece Jaw Installation and Removal.)

4.) The Rivet does not Fit into the Tool: The rivet is to large, or the wrong NOSE PIECE is on the tool. To find the correct NOSE PIECE (see chart on page 11). If you do not have the needed NOSE PIECE, See next page for how to order the correct one.

5.) Premature Breaking: See solution for problem 4. Also verify the grip of the fastener and make sure you are not rocking the tool during installation.

6.) Jamming of Tool: See solution for problem 4. Also verify that you have the proper jaw engagement and that all parts are hand tight and that the jaws are cleaned and properly assembled in jaw pusher (See Three Piece Jaw Installation and Removal)

7.) Rivet not installed properly: See solution for problem 4. Also verify that appropriate fastener is being used and proper fastener grip length for the application has been selected

8.) Jaws Breaking: See solution for problem 4. Check to see all parts are properly assembled and hand tight.

9.) Damaged Jaw Pusher: See solution for problem 4. Check to see if all parts are properly assembled.
**AK-175 Pneudraulic Riveting Tool (HK1057)**

**Operation and Maintenance Tips**

**TIPS FOR PROPER OPERATION**

**AK-175 Quick tips and Operating Instructions**

1. AK-175 will install all diameter blind rivets 3/32 to 1/4 by changing only the nose piece.
2. Pull force of over 5000 lbs.
3. Operating Air pressure: 90 to 120 psi. DO NOT EXCEED 120 PSI.

**IMPORTANT:** 110 psi must be maintained when setting all 1/4" rivets.

The hydraulic system is sealed and may show visible residue on the trigger area. No need to add oil. If the AK-175 is damaged and leaks oil, it must be returned to an authorized service center.

**Installing rivet…** With rivet mandrel inserted in the tool nose, insert the rivet body into the application hole. Hold the tool steady against the work surface and depress the upper trigger. The tool will press forward to install rivet from 1 to 3 seconds max. Rivet mandrel should break in one pull. If not, stop and pull the lower lever to reverse tool and re-grip the rivet for a second pull. After the mandrel breaks, press the lower trigger to reverse the tool and ready for next rivet. Mandrel will drop out of the nose when you point the tool downward.

**DO NOT OVER EXTEND…** by holding the upper trigger or turn up air pressure to try increase tool stroke. This may cause tool to leak and require returning it to an authorized service center for repair.

**TIPS: PROPER TOOL MAINTENANCE AK-175**

1. Jaws should be washed in solvent and lube after 300 rivets.
2. The nose tube and nose piece can be changed "only" when the tool nose is extended.
3. Do Not use the tool as a lever if rivet mandrel is jammed while re-gripping. Instead, with the lower trigger depressed, push riveter against the work for the jaws to get a deeper grip.
4. If rivet mandrel is stuck in tool after breaking, depress lower trigger, lightly tap the nose against a hard surface. This will release the mandrel from the jaws and allow it to drop free.
5. Frequently check the nose piece to insure it does not vibrate loose during operation.
6. To extend tool life… DO NOT hold trigger more than 3 seconds.
7. Operating temperature should not drop below freezing.
8. If the tool will not reverse, check for broken jaw holder or chips of metal in the nose tube… clean or replace as needed.
9. Before operating tool make sure that the nose tube and nose piece are completely screwed down snug by hand.

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**Optional Accessories**

**NOSE PIECES:**

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<tr>
<th>Part Number</th>
<th>Description</th>
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<tbody>
<tr>
<td>202156</td>
<td>1/8” for Trim Molding Pop Rivets</td>
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<tr>
<td>202159</td>
<td>3/32” &amp; 1/8” Pop Rivets</td>
</tr>
<tr>
<td>202190</td>
<td>1/8” Stand Off Pop Rivets</td>
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<tr>
<td>202158</td>
<td>5/32” &amp; 3/16” Pop and Plastic Rivets</td>
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<tr>
<td>202168</td>
<td>3/16” Monobolts</td>
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<tr>
<td>202155</td>
<td>Discontinued. Use tip 202142.</td>
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<tr>
<td>202169</td>
<td>1/4” Monobolts</td>
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<tr>
<th>Part Number</th>
<th>Description</th>
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<td>202193</td>
<td>Spec. GM Glass Stop Travel, Pop Rivets</td>
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<tr>
<td>202142</td>
<td>1/4” Magna Lok</td>
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<tr>
<td></td>
<td>1/4” Pop Rivets</td>
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<tr>
<td></td>
<td>1/4” Plastic Rivets</td>
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<td></td>
<td>Replaces tip 202157</td>
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**OTHER ACCESSORIES:**

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<tr>
<td>205490</td>
<td>Nose Extension Kit</td>
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<td>126016</td>
<td>Rivet Stem Removal Tool- “Punch Assy”</td>
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<td>202122</td>
<td>Two Piece Jaws</td>
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<tr>
<td>202929</td>
<td>Three Piece Jaws</td>
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</table>
Rivet Pintail Removal:

Once Rivet is installed, pintail must be removed
1. Point tool downward
2. Squeeze RELEASING TRIGGER “B”.

CAUTION: It is necessary to remove pintail before attempting to install another rivet.

Three/Two Piece Jaw Installation and Removal:

1. The jaws are installed at the factory and should only need to be removed for periodic inspection and cleaning. To remove the jaws unscrew the NOSE TUBE from the tool in a counterclockwise direction

2. **TWO PIECE JAW SYSTEM**
   Remove the JAW HOLDER by unscrewing it in a counterclockwise direction. Drop JAWS out from SPRING side. Push JAW PUSHER flush with PULLER SHAFT while squeezing the RELEASING TRIGGER (See Figure 3 above).

2. **THREE PIECE JAW SYSTEM**
   Remove the JAW HOLDER by unscrewing it in a counterclockwise direction. Drop JAWS out from SPRING side. Actuate tool by squeezing the ACTUATING TRIGGER (see fig 3 above) until the jaw pusher is fully extended. Stop as soon as the JAW PUSHER is in the extended position.
3. **TWO PIECE JAW SYSTEM**
To replace JAWS, hold JAW HOLDER large end down and at a slight angle. Place jaws in one at a time. Add a small amount of jaw lubricant to jaws and jaw holder prior to assembly.

4. When jaws are in place, insert jaw holder into spring, being sure to keep large end of jaw holder pointing downward.

5. **TWO JAW SYSTEM**
Hold tool with the PULLER SHAFT pointing down and screw the jaw holder on to the PULLER SHAFT. HAND TIGHTEN ONLY.

6. Replace the NOSE TUBE and NOSE PIECE, HAND TIGHTEN ONLY. The tool is now ready to use.

3. **THREE PIECE JAW SYSTEM**
To replace JAWS, hold JAW HOLDER large end down and at a slight angle. Hold finger over small opening and place jaws in one at a time. Add a small amount of jaw lubricant to jaws and jaw holder prior to assembly.

5. **THREE JAW SYSTEM**
Hold tool with the PULLER SHAFT pointing down and the JAW PUSHER fully extended. Screw the jaw holder on to the PULLER SHAFT. HAND TIGHTEN ONLY.
Tool Maintenance

Steps for Proper Tool Maintenance and Operation

1. Disassemble and clean NOSE components periodical-ly. If the pintails do not drop out freely, use a pick to clean the jaw grooves. Wash components in mineral spirits or isopropyl alcohol. Apply a small amount of light weight oil to the JAWS and inside of JAW HOLDER prior to assembly.

2. To ease NOSE TUBE and NOSE PIECE installation, extend tool by squeezing actuating trigger.

3. DO NOT USE TOOL AS A LEVER if rivet pin tail is jammed while re-gripping. Instead, with releasing trigger depressed, push tool nose against work piece for the jaws to get a deeper grip.

4. If rivet pintail is stuck in tool after breaking, lightly tap nose against a hard surface while squeezing the releasing trigger, pintail should then fall out.

5. Before operating tool, make sure that all NOSE PARTS have been screwed in HAND TIGHT.

6. For long life of tool, do not continue to run tool at the end of travel.

7. The AK-175 should not be used at temperatures below 35° F. unless it is first brought to room temperature and cycled several times, normal use of the tool after warming should keep it warm enough for proper operation.

8. If tool will not reverse, remove NOSE TUBE and inspect for any foreign matter that might have caused jamming between JAW HOLDER and inside of NOSE TUBE.

9. Frequently check that nose components do not vibrate loose during operation.

Nose Pieces  *Included in AK-175 kit*

<table>
<thead>
<tr>
<th>Part No.</th>
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<td>202155</td>
<td>1/4&quot; Auto Split &quot;T&quot; Rivets</td>
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<td>Ø.160</td>
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<tr>
<td>202159</td>
<td>&quot;3/32&quot; &amp; 1/8&quot; Pop Rivets</td>
<td>202157</td>
<td>Discontinued - Replaced by tip 202142 (pictured below)</td>
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<td>Ø.160</td>
<td>1/4&quot; Pop &amp; Plastic Rivets</td>
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<td>202190</td>
<td>1/8&quot; Stand Off Pop Rivets</td>
<td>202169</td>
<td>1/4&quot; Monobolts</td>
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<td>Spec. GM Glass Stop Travel, Pop Rivets</td>
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<td>Ø.125</td>
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<td>Ø.172</td>
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<td>Replaces Tip 202157</td>
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90-Day Warranty on AK-175 Riveter

All Alcoa Fastening Systems tools and parts have been carefully tested and checked at the factory and are guaranteed to be free from defects in material and workmanship, subject to the following conditions.

A.) The tools manufactured by Alcoa Fastening Systems will be repaired free of charge or replaced at our discretion within 90 days of sale to the first user if, upon examination at our service center, we find a defect in material or workmanship in the hydraulic system.

B.) The tool must be returned intact and prepaid to one of our service centers. Proof of date of sale must accompany any tool returned. This warranty will be void if repairs have been made or attempted by others, or if the tool has been subject to abuse, neglect, accident or improper application.

C.) The foregoing obligation is Alcoa Fastening Systems’ sole liability under this or any implied warranty, and no one is authorized to vary its terms or conditions.

D.) If you have any problems please contact Customer Service at the factory: 800-826-2884.

Before returning tools to the service center, please use the operation and maintenance tips on page 9 of this manual. If the tool continues to malfunction call the Customer Technical Support at Alcoa Fastening Systems & Rings 209-839-3000 for additional assistance.

Authorized Tool Service Centers:

**Bay Fastening Systems**
30 Banfi Plaza North
Farmingdale, NY 11735
516 294 4100
516 294 3447 (Fax)

**Mountainair Rivet Tools**
115 West Broadway
Mountainair, NM 87036
479 936 7577
505 847 2207
505 847 2465 (Fax)

**FSI**
1206 East Mac Arthur St
Sonoma, CA 95476
707 935 1170
800 344 2394 (Toll Free)
707 935 1828 (Fax)

**Universal Repair Shop**
1611 Boylston Avenue
Seattle, WA 98122
206 322 2726
206 322 2126 (Fax)

**Professional Tool Center**
2236 S.116th Street
West Allis, WI 53227
414 321 1234
414 321 2524 (Fax)
Limited Warranties

Limited Lifetime Warranty on BobTail® Tools:

Huck International, Inc. warrants to the original purchaser that its BobTail® installation tools manufactured after 12/1/2016 shall be free from defects in materials and workmanship for its **useful lifetime**. This warranty does not cover special order / non-standard products, or part failure due to normal wear, tool abuse or misapplication, or user non-compliance with the service requirements and conditions detailed in the product literature.

Two Year Limited Warranty on Installation Tools:

Huck International, Inc. warrants that its installation tools and Powerigs® manufactured after 12/1/2016 shall be free from defects in materials and workmanship for a period of two years from date of purchase by the end user. This warranty does not cover special order / non-standard products, or part failure due to normal wear, tool abuse or misapplication, or user non-compliance with the service requirements and conditions detailed in the product literature.

90 Day Limited Warranty on Nose Assemblies and Accessories:

Huck International, Inc. warrants that its nose assemblies and accessories shall be free from defects in materials and workmanship for a period of 90 days from date of purchase by the end user. This warranty does not cover special clearance noses, or special order / non-standard product, or part failure due to normal wear, abuse or misapplication, or user non-compliance with the service requirements and conditions detailed in the product literature.

**Useful lifetime** is defined as the period over which the product is expected to last physically, up to the point when replacement is required due to either normal in-service wear, or as part of a complete overhaul. Determination is made on a case-by-case basis upon return of parts to Huck International, Inc. for evaluation.

Tooling, Part(s) and Other Items not manufactured by Huck:

HUCK makes no warranty with respect to the tooling, part(s), or other items manufactured by third parties. HUCK expressly disclaims any warranty expressed or implied, as to the condition, design, operation, merchantability, or fitness for use of any tool, part(s), or other items thereof not manufactured by HUCK. HUCK shall not be liable for any loss or damage, directly or indirectly, arising from the use of such tooling, part(s), or other items or breach of warranty or for any claim for incidental or consequential damages.

Huck shall not be liable for any loss or damage resulting from delays or non-fulfillment of orders owing to strikes, fires, accidents, transportation companies or for any reason or reasons beyond the control of the Huck or its suppliers.

Huck Installation Equipment:

Huck International, Inc. reserves the right to make changes in specifications and design and to discontinue models without notice.

Huck Installation Equipment should be serviced by trained service technicians only.

Always give the serial number of the equipment when corresponding or ordering service parts.

Complete repair facilities are maintained by Huck International, Inc. Please contact one of the offices listed below.

**Eastern**
One Corporate Drive Kingston, New York 12401-0250
Telephone (845) 331-7300 FAX (845) 334-7333

Outside USA and Canada
Contact your nearest Huck International location (see reverse).

In addition to the above repair facilities, there are Authorized Tool Service Centers (ATSC's) located throughout the United States. These service centers offer repair services, spare parts, Service Parts Kits, Service Tool Kits and Nose Assemblies. Please contact your Huck Representative or the nearest Huck International location (see reverse) for the ATSC in your area.
Arconic Inc. (NYSE: ARNC) creates breakthrough products that shape industries. Working in close partnership with our customers, we solve complex engineering challenges to transform the way we fly, drive, build and power.

Arconic Fastening Systems and Rings world-wide locations:

**AMERICAS**

**Kingston Operations**
1 Corporate Drive
Kingston, NY 12401
800-278-4825
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