

# Crimp Tool



- Français – 11
- Castellano – pág. 25

## Table of Contents

<b>Recording Form for Machine Serial Numbers</b> .....	2
<b>Safety Symbols</b> .....	2
<b>General Safety Rules</b>	
Work Area Safety.....	2
Electrical Safety.....	2
Personal Safety .....	3
Power Tool Use and Care .....	3
Battery Use and Care .....	3
Service .....	4
<b>Specific Safety Information</b> .....	4
Crimp Tool Safety .....	4
<b>RIDGID Contact Information</b> .....	5
<b>Description</b> .....	5
<b>Specifications</b>	
Standard Equipment.....	6
<b>Pre-Operation Inspection</b> .....	6
<b>Setup and Operation Instructions</b> .....	7
Hand Strap .....	7
Removing/Installing Dies .....	7
Die Caddy.....	8
Preparing Connection .....	8
Crimping Fitting .....	8
Inspecting The Crimped Connection .....	9
<b>Storage</b> .....	9
<b>Maintenance Instructions</b>	
Cleaning and Lubrication.....	9
Troubleshooting .....	9
Required Maintenance By RIDGID Independent Service Center .....	10
Service And Repair.....	10
<b>Optional Equipment</b> .....	10
<b>Disposal</b> .....	10
<b>EC Declaration of Conformity</b> .....	10
<b>Electromagnetic Compatibility (EMC)</b> .....	10
<b>Lifetime Warranty</b> .....	Back Cover

\*Original Instructions - English

# PEX-One Crimp Tool



**⚠ WARNING!**

Read this Operator's Manual carefully before using this tool. Failure to understand and follow the contents of this manual may result in electrical shock, fire and/or serious personal injury.


**PEX-One Crimp Tool**


Record Serial Number below and retain product serial number which is located on nameplate.


Serial  
No.


## Safety Symbols


In this operator's manual and on the product, safety symbols and signal words are used to communicate important safety information. This section is provided to improve understanding of these signal words and symbols.

 This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

 **DANGER** DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING** WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION** CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

 **NOTICE** NOTICE indicates information that relates to the protection of property.



This symbol means read the operator's manual carefully before using the equipment. The operator's manual contains important information on the safe and proper operation of the equipment.



This symbol means always wear safety glasses with side shields or goggles when handling or using this equipment to reduce the risk of eye injury.



This symbol indicates the risk of hands, fingers or other body parts being crushed..



This symbol indicates the risk of electrical shock.

## General Power Tool Safety Warnings

### **WARNING**

**Read all safety warnings, instructions, illustrations and specifications provided with this power tool. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.**

### **SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE!**

The term "power tool" in the warnings refers to your mains operated (corded) or battery operated (cordless) power tool.

### Work Area Safety

- **Keep your work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and by-standers away**

**while operating a power tool.** Distractions can cause you to lose control.

### Electrical Safety

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electrical shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electrical shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for out-**

\* The text used in the General Power Tool Safety Warnings section of this manual is verbatim, as required, from the applicable UL/CSA 62841-1 standard. This section contains general safety practices for many different types of power tools. Not every precaution applies to every tool, and some do not apply to this tool.

**door use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

- **If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces the risk of electric shock.

## Personal Safety

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- **Prevent unintentional starting. Ensure the switch is in the OFF position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energizing power tools that have the switch ON invites accidents.
- **Remove any adjusting key or wrench before turning the power tool ON.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, and clothing away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

## Power Tool use and Care

- **Do not force power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it is designed.
- **Do not use power tool if the switch does not turn it ON and OFF.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools and accessories.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** The use of the power tool for operations different from those intended could result in a hazardous situation.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

## Battery Use & Care

- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.
- **Use power tools only with specifically designated battery packs.** Use of any oth-

er battery packs may create a risk of injury and fire.

- **When a battery pack is not in use, keep it away from other metal objects, like paper clips, coins, keys, nails, screws or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or a fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery may cause irritation or burns.
- **Do not use a battery pack or tool that is damaged or modified.** Damaged or modified batteries may exhibit unpredictable behavior resulting in fire, explosion or risk of injury.
- **Do not expose a battery pack or tool to fire or excessive temperature.** Exposure to fire or temperature above 265 °F (130 °C) may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or tool outside the temperature range specified in the instructions.** Charging improperly or at temperatures outside the specified range may damage the battery and increase the risk of fire.

### Service

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

### Specific Safety Information

#### **⚠ WARNING**

**This section contains important safety information that is specific to this tool.**

**Read these precautions carefully before using the RIDGID® PEX-One Crimp Tool to**

**reduce the risk of electrical shock or other serious injury.**

#### **SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE!**

A compartment in the carrying case is included to keep this manual with the machine for use by the operator.

### Crimp Tool Safety

- **Keep your fingers and hands away from the jaws during the crimping cycle.** Your fingers or hands can be crushed, fractured or amputated if they become caught between the dies or between these components and any other object.
  - **Large forces are generated during product use that can break or throw parts and cause injury.** Stay clear of the jaws during use and wear appropriate protective equipment, including eye protection.
  - **Never attempt to repair damaged jaws or dies. Jaws or dies that have been welded, ground, drilled or modified in any manner can break during use resulting in serious injury.** Discard damaged dies.
  - **Do not operate the tool without correct RIDGID dies properly installed in the jaws.** This can damage the tool and/or cause serious personal injury.
  - **Use proper tool, die and fitting combinations.** Improper combinations can result in an incomplete or improper crimp, which increases the risk of leaks, equipment damage and injury.
  - **Before operating the RIDGID PEX-One Crimp Tool, read and understand:**
    - This operator’s manual,
    - The battery/charger manual,
    - The fitting manufacturer’s installation instructions,
    - The instructions for any other equipment used with this tool,
- Failure to follow all instructions and warnings may result in property damage and/or serious injury.

## RIDGID Contact Information

If you have any question concerning this RIDGID® product:

- Contact your local RIDGID distributor.
- Visit RIDGID.com to find your local RIDGID contact point.
- Contact Ridge Tool Technical Service Department at rttechservices@emerson.com, or in the U.S. and Canada call (800) 519-3456.

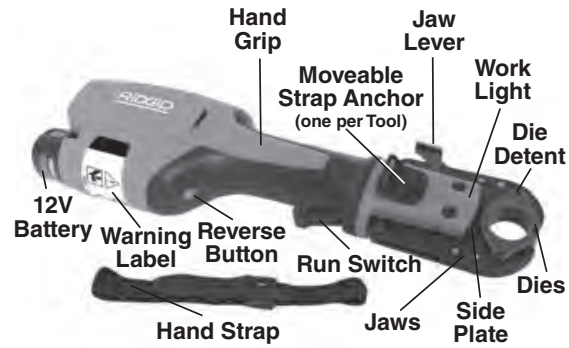


Figure 1 – PEX-One Crimp Tool

## Description

The RIDGID® PEX-One Crimp Tool is an electro-mechanical tool, which when used with appropriate dies, is designed to crimp fittings (such as ASTM F1807) to the required dimensions for proper installation.

When operated, an internal electric motor powers a screw forward applying force to the jaws to close the dies on the fitting. The tool automatically retracts when the crimp has been completed.

The jaw lever is used to open the head to allow one handed operation. An adjustable hand strap is supplied that can be mounted to either side of the tool to improve one handed grip.

The tool head includes a die detent to allow dies to be quickly and easily changed. A work light is supplied for better visibility and also to indicate the tool's status (tool ON/OFF, temperature out of range, charge battery, etc.).

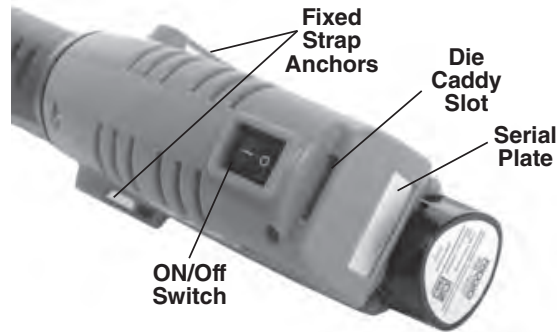


Figure 2

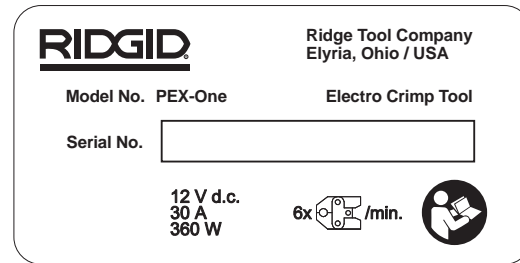


Figure 3 – Machine Serial Number - The first 4 digits (Circled) indicate the year and month of the manufacture. (12 = year, 06 = month).

Control	Marking	Description
On/Off Switch	I/O	Main tool power switch (I = On, O = Off)
Run Switch	—	Depress to crimp fitting. Release when crimp complete.
Reverse Button	—	Allows tool to be reversed without completing crimp. If used, crimp is NOT complete and must be repeated.
Jaw Lever	—	Used to open jaws. Tool will not run when jaws are fully open.

Figure 4 – Controls Chart

Mode	Light	Description/Action
Active	ON	Tool ready for use. If unused for 5 minutes, tool will move into Standby Mode.
Standby	One brief flash every two seconds	Minimizes battery use. Press and release Run Switch to return to Active Mode.
Low Battery	Slow Flash, ON 1 second, OFF 1 second	Battery low. Tool will not run. Change/Recharge battery.
		Battery out of specification temperature range. Bring battery temperature within correct operating range.
Battery Saver	Light OFF (ON/OFF Switch ON)	Battery very low. Tool will not run. Turn ON/OFF switch OFF. Change/Recharge battery.
Service Interval Approaching	Two short flashes followed by a pause.	Indicates service interval approaching. Will continue until Run Switch is pressed, then returns to Active Mode. Starts at 19,000 cycles. Tool is usable, but tool will lock after service interval.
Service	Rapid Flash. 10 flashes per second	Tool has experienced a fault. Turn ON/OFF switch OFF. Remove battery for for at least 15 seconds. Replace battery and turn ON/OFF switch ON. If Service Light continues to flash, take tool for service.
		Tool is locked. Tool has completed service interval (20,000 cycles) and requires service.

Figure 5 – Work Light/Status Chart

## Specifications

Crimp Dies Available ...½", ¾" and 1" ASTM F1807 (See "Optional Equipment" Section)

Motor:

Volts.....12 V DC  
 Amps .....30 A DC  
 Power .....360 Watts

Duty Cycle .....6 Crimp /minute

Battery .....12 V Li-Ion Rechargeable Battery Pack (RIDGID RB-1200 Series)

Operating Temperature .....15° F to 122° F (-10° C to 50° C)

Weight (tool only).....5.5 lbs (2.5 kg)  
 Tool Size .....16" x 4.5" x 3" (406 mm x 144 mm x 76 mm)

## Standard Equipment

Refer to the RIDGID catalog for details on equipment supplied with specific tool catalog numbers.

**NOTICE** Selection of appropriate materials and joining methods is the responsibility of the

system designer and/or installer. Before any installation is attempted, careful evaluation of the specific service environment, including chemical environment and service temperature should be completed. Consult fitting system manufacturer for selection information.

## Pre-Operation Inspection

**⚠ WARNING**



**Daily before use, inspect your crimp tool and correct any problems to reduce the risk of serious injury from electric shock, crushing injures, jaw failure, and other causes, and prevent tool damage.**

1. Remove battery from tool.
2. Clean any oil, grease or dirt from tool, including handles and controls. This aids inspection and helps prevent tool or control from slipping from your grip.
3. Inspect crimp tool for:
  - Proper assembly, maintenance and completeness.
  - Broken, worn, missing, misaligned or binding parts.

- Presence and readability of tool and battery warning label.
- Any other condition which may prevent safe and normal operation.

Do not use Crimp tool until any problems have been repaired.

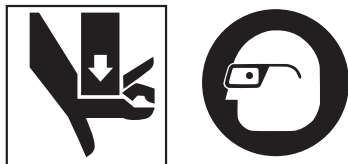
4. Wipe the dies clean and inspect. Look for wear, corrosion, modification, damage or other issues that may affect safe use. Confirm that dies are clearly marked, matched to each other and appropriate for the application. Do not use damaged, mismatched or otherwise inappropriate dies.

Inspect the press profile. Clean if needed (*see Maintenance section*).

5. Inspect and maintain any other equipment being used per its instructions to make sure it is functioning properly.

## Setup and Operation Instructions

### ⚠ WARNING



**Keep your fingers and hands away from the Jaws during the crimping cycle. Your fingers or hands can be crushed, fractured or amputated if they become caught between the dies or between these components and any other object.**

**Large forces are generated during product use that can break or throw parts and cause injury. Stay clear of the jaws during use and wear appropriate protective equipment, including eye protection.**

**Do not operate the tool without correct RIDGID dies properly installed in the jaws. This can damage the tool and/or cause serious personal injury.**

**Use proper tool, die and fitting combinations. Improper combinations can result in an incomplete or improper crimp, which increases the risk of leaks, equipment damage and injury.**

**Follow set up and operating instructions to reduce the risk of injury from crushing, electrical shock and other causes and to prevent tool damage.**

1. Confirm appropriate work area (*See General Power Tool Safety Warnings*). Operate

in clear, level, stable, dry location. Do not use tool while standing in water.

2. Inspect work to be done and determine correct RIDGID tool and dies for the application per their specifications. Using incorrect equipment for an application can cause injury, damage the tool and make incomplete connections.
3. Make sure all equipment has been inspected and set up as directed in their instructions.

### Hand Strap

Depending on user's preference, the hand strap can be attached to either side of tool.

1. If needed, remove strap anchor screws and reattach to other side of tool. Confirm screws are secure (*Figure 6A*).
2. Route strap through strap anchors as shown in *Figure 6B*. Secure strap in place with hook and loop fasteners. Adjust strap length as desired for hand fit.

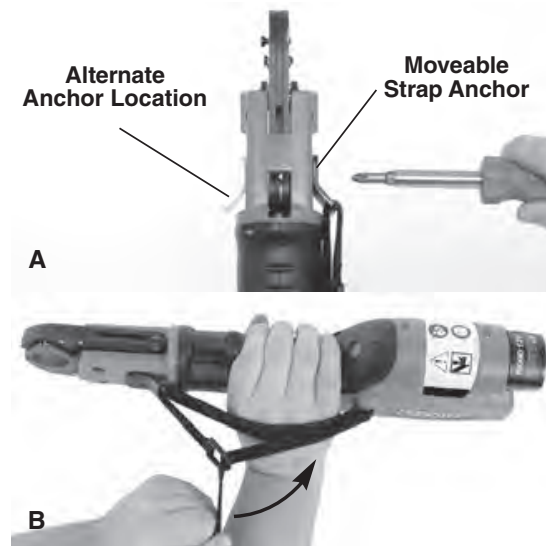


Figure 6 – Strap Installation

### Removing/Installing Dies

1. Remove battery from tool.
2. Depress and hold jaw lever to fully open tool jaws.
3. Dies are removed/installed by depressing the die detent and moving the die in/out of the jaws (*see Figure 7*). Die detent will hold dies in place.



**Figure 7 – Removing and Installing Dies**

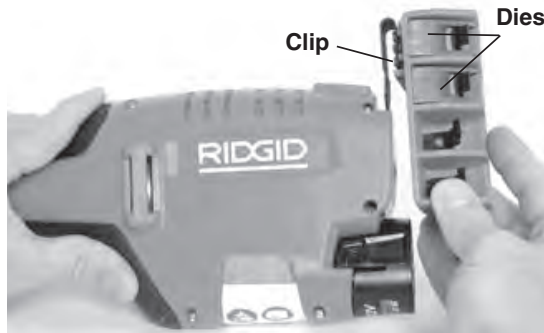
Dies should fit snugly and securely. With jaws closed, dies should align. Always use a matched set of RIDGID dies. If there are any issues regarding proper die fit, do not use tool. **Do not operate tool without dies installed.**

Size	ASTM F1807 (Marked "ASTM")
1/2"	Bronze
3/4"	Silver
1"	Gold

**Figure 8 – Die Identification Chart**

### Die Caddy

Die caddy is available to hold dies when not in use. For convenience, it can be clipped to the crimp tool (Figure 9) or belt. Dies push in/pull out and are held in place by a spring.



**Figure 9 – Die Caddy Use**

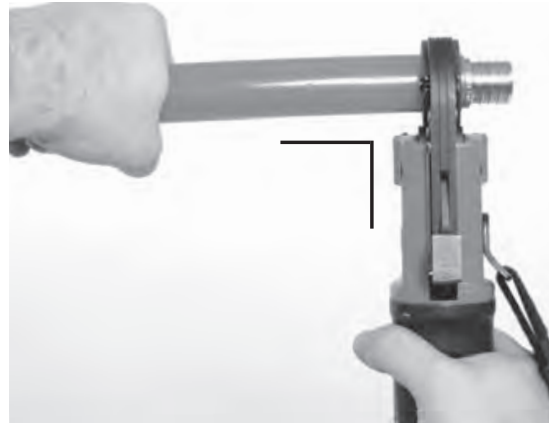
### Preparing Connection

Prepare connection per fitting manufacturer's instructions. Confirm that fitting is fully inserted into tube and any ring/sleeve is properly placed.

**NOTICE** These instructions are generalized practices for multiple fitting systems. Always follow fitting manufacturers specific installation instructions to reduce risk of improper connections and extensive property damage.

### Crimping Fitting

1. Make sure that proper dies for application have been installed.
2. With dry hands, install a fully charged battery into crimp tool. Move ON/OFF (I/O) switch to ON (I) position. The work lights should come on. See *Work light/status chart* for other tool conditions.
3. Depress jaw lever to fully open jaws.
4. Place dies squarely over fitting, aligning the contour of die to fitting. Release jaw lever so dies sit on fitting. (Figure 10). Improper tool alignment can result in an improper crimp, cause leaks or damage tool. Do not hang tool from fitting.



**Figure 10 – Tool Square to Fitting**

5. Reconfirm that the fitting is appropriately positioned. Remove your thumb from jaw lever. Keep fingers and hands away from jaws to reduce risk of crushing injuries between dies and between jaws and surroundings.

Depress and hold run switch to operate tool. When the crimp is complete, the tool will automatically reverse to start position. Release run switch.

If run switch is released prior to crimp completion, tool will stop and crimp cannot be completed. Depress reverse button (Figure 1) and crimp connection again. Use this procedure in case of emergency, if tool must be removed before a crimp is completed or if tool malfunctions during a crimp.

**NOTICE** Any time reverse button is depressed, crimp is NOT complete and the connection must be crimped again to ensure completion.

6. With crimp complete, depress jaw lever to open jaws and remove from fitting. Avoid

any sharp edges that may have formed on the crimped connection.

- When operation is complete, move ON/OFF (I/O) switch to OFF (O) and remove the battery.

### Inspecting the Crimped Connection

- Visually inspect crimped connection for:
  - Tube not fully inserted.
  - Incorrect placement, distortion or deformation of crimped sleeve/ring.
  - Any other issues per fitting manufacturer.

If any issues are found, remove fitting and install a new connection.

- Check crimp size as required for system by fitting manufacturer:
  - ASTM F1807 crimped connections are checked with a GO/NO GO gauge. Using correct gauge, hold gauge perpendicular to axis of tube. A crimp is good if GO gauge fits over ring, and NO GO gauge does not.



Figure 11 – Correct Go Gauge Fit

- Test connection in accordance connector manufacturer instructions, normal practice and applicable codes.

### Storage

Remove battery from tool. Store crimp tool and battery in case. Avoid storing in extreme heat or cold. The tool will not turn ON if the tool is outside the specification range. This will be indicated by the work light (see Figure 5).

**⚠ WARNING** Store tool in a dry, secured area that is out of reach of children and people unfamiliar with the RIDGID PEX-One Crimp Tool. The Crimp tool is dangerous in the hands of untrained users.

### Maintenance Instructions

**⚠ WARNING** Make sure battery is removed from tool before performing maintenance or making any adjustment.

### Cleaning and Lubrication

- After each use, wipe any oil or dirt off the crimp tool and dies with a clean, dry, soft cloth.
- Check jaw lever operation with each use. Tool head should open and close freely with only moderate finger effort required.
- Clean the die crimp profile with steel wool, steel bristle wire brush, or fine grade Scotch-Brite® (Scotch-Brite is a registered trademark of the 3M Company). Do not use aggressive cleaning methods that may alter critical crimp profile dimensions (see Figure 7).
- Tool is lubricated for life from the factory and does not require any further lubrication.

### Troubleshooting

PROBLEM	POSSIBLE REASON	SOLUTION
Dies will not open enough to go over fitting.	The tool is not fully retracted.	Press the REVERSE button.
Tool will not turn ON when ON/OFF switch is turned ON.	Battery is completely discharged or battery has failed. ----- Battery not properly inserted into the tool.	Insert fully charged battery. ----- Check to assure battery is fully inserted.
Tool will not operate.	Tool has been run FORWARD (Not fully retracted.)	Press the REVERSE button.

See Figure 5 - Work Light/Status Chart for Light Diagnostic Codes.

## Required Maintenance By RIDGID Independent Service Center

The PEX-One Crimp Tool must be serviced at set intervals by a RIDGID Independent Service Center to ensure proper operation. This will be indicated by the Tool Work/Status light (See Figure 6).

## Service and Repair

### **WARNING**

**Improper service or repair can make the machine unsafe to operate.**

Service and repair on the PEX-One Crimp Tool must be performed by a RIDGID Independent Service Center. Use only RIDGID service parts.

For information on your nearest RIDGID Independent Service Center or any service or repair questions, see *Contact Information Section* in this manual.

## Optional Equipment

### **WARNING**

**To reduce the risk of injury, only use equipment specifically designed and recommended for use with the RIDGID PEX-One Crimp Tool, such as listed below.**

Catalog No.	Description
54253	PEX-One Tool Kit (ASTM)
56638	PEX-One Tool Only
56568	ASTM Die Kit (1/2", 3/4", 1")
56573	ASTM Die Set 1/2"
56578	ASTM Die Set 3/4"
56583	ASTM Die Set 1"
56608	Bag, 20", Soft-Sided
56603	Die Caddy
29583	Go-No Go Gauges (ASTM)

## Battery Packs

Catalog No.	Capacity	Region
55183	12V 2.5Ah	All

## RBC-121 Chargers and Cords

Catalog No.		Region	Plug Type
55193	Charger	USA, Canada and Mexico	A
44798	Charger Cord	North America	A

All listed batteries will work with any catalog number RBC-121 Battery Charger.

For a complete listing of RIDGID equipment available for this tool, see the Ridge Tool Catalog online at RIDGID.com or see *contact information*.

## Disposal

Parts of this tool contain valuable materials and can be recycled. There are companies that specialize in recycling that may be found locally. Dispose of the components in compliance with all applicable regulations. Contact your local waste management authority for more information.



**For EC Countries:** Do not dispose of electrical equipment with household waste!

According to the European Guideline 2012/19/EU for Waste Electrical and Electronic Equipment and its implementation into national legislation, electrical equipment that is no longer usable must be collected separately and disposed of in an environmentally correct manner.

## EC Declaration of Conformity

The EC Declaration of Conformity (890-011-320.10) will accompany this manual as a separate booklet when required

## Electromagnetic Compatibility (EMC)

The term electromagnetic compatibility is taken to mean the capability of the product to function smoothly in an environment where electromagnetic radiation and electrostatic discharges are present and without causing electromagnetic interference to other equipment.

**NOTICE** This tool conforms to all applicable EMC standards. However, the possibility of it causing interference in other devices cannot be precluded. All EMC related standards that have been tested are called out in the tool's technical document.

**What is covered**

RIDGID® tools are warranted to be free of defects in workmanship and material.

**How long coverage lasts**

This warranty lasts for the lifetime of the RIDGID® tool. Warranty coverage ends when the product becomes unusable for reasons other than defects in workmanship or material.

**How you can get service**

To obtain the benefit of this warranty, deliver via prepaid transportation the complete product to RIDGE TOOL COMPANY, Elyria, Ohio, or any authorized RIDGID® INDEPENDENT SERVICE CENTER. Pipe wrenches and other hand tools should be returned to the place of purchase.

**What we will do to correct problems**

Warranted products will be repaired or replaced, at RIDGE TOOL'S option, and returned at no charge; or, if after three attempts to repair or replace during the warranty period the product is still defective, you can elect to receive a full refund of your purchase price.

**What is not covered**

Failures due to misuse, abuse or normal wear and tear are not covered by this warranty. RIDGE TOOL shall not be responsible for any incidental or consequential damages.

**How local law relates to the warranty**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary, from state to state, province to province, or country to country.

**No other express warranty applies**

This FULL LIFETIME WARRANTY is the sole and exclusive warranty for RIDGID® products. No employee, agent, dealer, or other person is authorized to alter this warranty or make any other warranty on behalf of the RIDGE TOOL COMPANY.



Full lifetime warranty (garantie légale étendue à la durée de vie du produit, voir conditions de garantie / legal warranty extended to the product lifecycle, see warranty conditions)



**Ridge Tool Company**

**Ce qui est couvert**

Les outils RIDGID® sont garantis contre tous vices de matériaux et de main d'oeuvre.

**Durée de couverture**

Cette garantie est applicable durant la vie entière de l'outil RIDGID®. La couverture cesse dès lors que le produit devient inutilisable pour raisons autres que des vices de matériaux ou de main d'oeuvre.

**Pour invoquer la garantie**

Pour toutes réparations au titre de la garantie, il convient d'expédier le produit complet en port payé à la RIDGE TOOL COMPANY, Elyria, Ohio, ou bien le remettre à un réparateur RIDGID® agréé. Les clés à pipe et autres outils à main doivent être ramenés au lieu d'achat.

**Ce que nous ferons pour résoudre le problème**

Les produits sous garantie seront à la discrétion de RIDGE TOOL, soit réparés ou remplacés, puis réexpédiés gratuitement ; ou si, après trois tentatives de réparation ou de remplacement durant la période de validité de la garantie le produit s'avère toujours défectueux, vous aurez l'option de demander le remboursement intégral de son prix d'achat.

**Ce qui n'est pas couvert**

Les défaillances dues au mauvais emploi, à l'abus ou à l'usure normale ne sont pas couvertes par cette garantie. RIDGE TOOL ne sera tenue responsable d'aucuns dommages directs ou indirects.

**L'influence de la législation locale sur la garantie**

Puisque certaines législations locales interdisent l'exclusion des dommages directs ou indirects, il se peut que la limitation ou exclusion ci-dessus ne vous soit pas applicable. Cette garantie vous donne des droits spécifiques qui peuvent être éventuellement complétés par d'autres droits prévus par votre législation locale.

**Il n'existe aucune autre garantie expresse**

Cette GARANTIE PERPETUELLE INTEGRALE est la seule et unique garantie couvrant les produits RIDGID®. Aucun employé, agent, distributeur ou tiers n'est autorisé à modifier cette garantie ou à offrir une garantie supplémentaire au nom de la RIDGE TOOL COMPANY.

**Qué cubre**

Las herramientas RIDGID® están garantizadas contra defectos de la mano de obra y de los materiales empleados en su fabricación.

**Duración de la cobertura**

Esta garantía cubre a la herramienta RIDGID® durante toda su vida útil. La cobertura de la garantía caduca cuando el producto se torna inservible por razones distintas a las de defectos en la mano de obra o en los materiales.

**Cómo obtener servicio**

Para obtener los beneficios de esta garantía, envíe mediante porte pagado, la totalidad del producto a RIDGE TOOL COMPANY, en Elyria, Ohio, o a cualquier Servicentro Independiente RIDGID. Las llaves para tubos y demás herramientas de mano deben devolverse a la tienda donde se adquirieron.

**Lo que hacemos para corregir el problema**

El producto bajo garantía será reparado o reemplazado por otro, a discreción de RIDGE TOOL, y devuelto sin costo; o, si aún resulta defectuoso después de haber sido reparado o sustituido tres veces durante el período de su garantía, Ud. puede optar por recibir un reembolso por el valor total de su compra.

**Lo que no está cubierto**

Esta garantía no cubre fallas debido al mal uso, abuso o desgaste normal. RIDGE TOOL no se hace responsable de daño incidental o consiguiente alguno.

**Relación entre la garantía y las leyes locales**

Algunos estados de los EE.UU. no permiten la exclusión o restricción referente a daños incidentales o consiguientes. Por lo tanto, puede que la limitación o restricción mencionada anteriormente no rija para Ud. Esta garantía le otorga derechos específicos, y puede que, además, Ud tenga otros derechos, los cuales varían de estado a estado, provincia a provincia o país a país.

**No rige ninguna otra garantía expresa**

Esta GARANTIA VITALICIA es la única y exclusiva garantía para los productos RIDGID®. Ningún empleado, agente, distribuidor u otra persona está autorizado para modificar esta garantía u ofrecer cualquier otra garantía en nombre de RIDGE TOOL COMPANY.