RP 350/RP 351 Press Tools

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*Original Instructions - English

RP 350/RP 351

Press Tools

⚠ 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.

RP 350/RP 351 Press Tools	
Record Serial Number below and retain product serial number which is located on nameplate.	
Serial No.	

Safety Symbols/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.


This symbol indicates that the product is For Indoor Use Only.


This symbol indicates that the product is Class II equipment.


This symbol indicates this is electrical equipment that should not be disposed of with household waste. *See "Disposal" section.*


This symbol indicates this is electrical equipment meets the requirements of the applicable EC directives.

This symbol indicates the year of manufacture of the product.

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) power tool 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 operate 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 outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.

* 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.

- **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, clothing, and gloves 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 was 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 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 power 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.** 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 Tool Use And 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 other battery packs may create a risk of injury and fire.
- **When 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.

Specific Safety Information

⚠ WARNING

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

Read these precautions carefully before using the press tools to reduce the risk of electrical shock, or other serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE!

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

Press Tool Safety

- **Keep your fingers and hands away from pressing attachments during press cycle.** Your fingers or hands can be crushed, fractured or amputated if they become caught between the attachment or between these components and any other object.
- **Never attempt to repair damaged pressing attachments (jaws, press ring, actuator, etc.). Discard the entire damaged attachment.** An attachment that has been welded, ground, drilled or modified in any manner can shatter during pressing resulting in serious injury. Failure to replace the entire pressing attachment may result in component failure and serious injury.
- **Large forces are generated during product use that can break or throw parts and cause injury.** Stand clear during use and wear appropriate protective equipment, including eye protection.
- **Only use RIDGID® Press Tools with appropriate RIDGID or RIDGID approved Pressing attachments (jaws, press rings, actuators, etc.).** Other uses or modifying the Press Tools for other applications may damage the press tool, damage the attachments and/or cause personal injury.
- **Use proper tool, attachment and fitting combinations.** Improper combinations can result in an incomplete joint, which increase the risk of leaks, equipment damage and injury.
- **Before operating a RIDGID® Press Tool, read and understand:**
  - This operator's manual
  - The attachment instructions
  - The battery/charger manual
  - The fitting manufacturer's installation instructions
  - The instructions for any other equipment or material used with this tool

  Failure to follow all instructions and warnings may result in property damage and/or serious injury.

Description

The RIDGID® RP 350 and RP 351 Press Tools, when used with appropriate attachments, are designed to mechanically press fittings onto tubing to create a water-tight and permanent seal, such as for plumbing, heating, air conditioning, and refrigeration applications. Attachments are also available for other uses.

When the run switch on the press tool is depressed, an internal electric motor powers a hydraulic pump which sends fluid into the cylinder of the tool, moving the ram forward and applying force to the attachment, pressing the fitting. The press cycle takes approximately 4 seconds. Once the cycle begins to deform a fitting, it will automatically continue until completion, even if the run switch is released.

The tool includes a second operating mode ("Control Mode") that can be turned on using the RIDGID Link App. Control Mode allows the fitting to be engaged prior to

pressing to allow confirmation of proper alignment of the attachment, fitting and tube.

The Tool Status Lights indicate things such as tool status, battery status, maintenance required, or improper temperature. A work light turns ON when the run switch is depressed to illuminate the work area. The head can be rotated 360° for better access in tight spaces.

The tools are supplied with fabric loops that can be used with appropriate attachments such as shoulder straps or tie off lines.

The press tools include Bluetooth®* wireless technology to allow connection to smartphones and tablets. *See "Bluetooth Functions (Wireless Data Transfer)" section* for details.

* The Bluetooth® word mark and logos are registered trademarks by Bluetooth SIG, inc and any use of such marks by Emerson Electric Co. is under license. Other trademarks and trade names are those of their respective owners.

Figure 1 – RIDGID RP 350 Press Tool and Standard Series Jaw

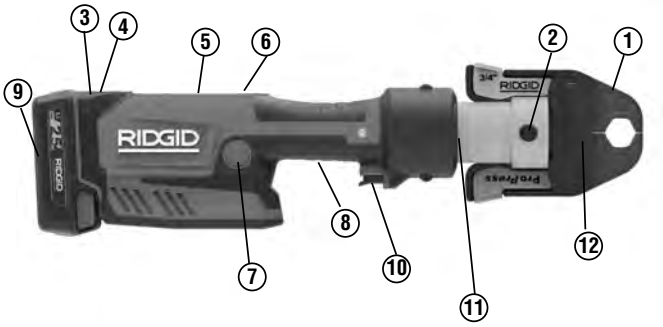


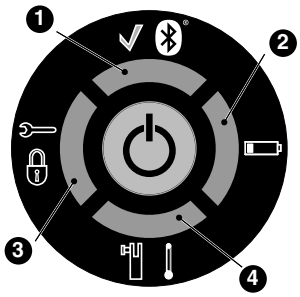
Figure 2 – RIDGID RP 351 Press Tool and Standard Series Jaw

#	Description		
1	Scissor Style Jaw Set	7	Pressure Release Button (RP 351 Far Side)
2	Attachment Mounting Pin	8	Handle
3	Tool Status Lights	9	Battery
4	ON/OFF Button	10	Run Switch
5	Warning Label (RP 351 Underside)	11	LED Work Light
6	Fabric Loop	12	Jaw Sideplate

Figure 3 – Machine Serial Number - Circled digits indicate the year and month of the manufacture. (YY = year, MM = month).

Control	Marking	Description
On/Off Button		Main tool power switch. (I = ON, O = OFF). ON: Press button until light turns ON. *See Figure 5 – Tool Status Lights.* OFF: Press button until light turns OFF. Tool will automatically turn OFF if left unused for ten (10) minutes.
Run Switch	—	**Turn On Work Light:** slightly depress run switch. **Normal Mode:** Depress run switch to start press cycle, release when tool locks on. Normal mode is factory setting. **Control Mode:** Depress run switch to engage attachment on workpiece. Make adjustments as necessary. Press the run switch again to start press cycle, release when tool locks on. Releasing the switch will not stop the tool once it has locked on. This assures consistent, repeatable press connection integrity. Mode can be changed with RIDGID Link App, *see Bluetooth Functions* section.
Pressure Release Button		Allows tool to be released without completing press. If used, press connection is not complete and must be repeated.
Attachment Mounting Pin	—	Holds attachment to tool. Must be fully inserted for tool to operate. *See Figure 6.*

Figure 4 – Controls Chart



Light Segment Number (Light Continuously On)				Description
❶ ✓ ᛒ	❷	❸	❹	
—	—	—	—	Press tool off (OFF).
Green	Green	Green	Green	ON button pressed, lights on 4 seconds at start up, tool in “Normal Mode”.
Blue	Blue	Blue	Blue	ON button pressed, lights on 4 seconds at start up, tool in "Control Mode" - see *Bluetooth Functions* section to change mode.
Green	—	—	—	Press tool is in Normal Mode, standby, press tool ready to operate.
Red	Yellow	Yellow	Yellow	Tool has malfunctioned. Tool will not operate. Remove and reinsert battery or AC Adapter. If light still on, have tool serviced.
Red	—	—	—	Tool has malfunctioned. Tool will not operate. Remove and reinsert battery or AC Adapter. If red light still on, have tool serviced.
Yellow	—	Red	Red	Tool and/or battery out of Specification temperature range. Tool will not operate. Bring the tool and battery to correct operating temperature range.
Yellow	—	—	Red	Attachment mounting pin is not fully inserted. Tool will not operate. Fully insert pin. If lights still on, have tool serviced.
Yellow	Red	—	—	Battery low. Tool will not operate. Recharge battery/Insert fully charged battery.
Green	Blue	Blue	Blue	Bluetooth connection established, standby, press tool ready to operate - For further information see section on *Bluetooth Functions.*
		Purple		Firmware update in process, tool cannot be used while updating.

Figure 5 – Tool Status Lights

Specifications

	RP 350 Pistol Press Tool	RP 351 Inline Press Tool
Attachments	RIDGID Standard Series	RIDGID Standard Series
Stroke Length	1.57" (40 mm)	1.57" (40 mm)
Motor		
Voltage	18 V DC rated	18 V DC rated
Amperage	23 A	23 A
Power	480 Watts	480 Watts
Ram Force	7,200 lbs. (32 kN)	7,200 lbs. (32 kN)
Head Rotation	360°	360°
Duty Cycle	3 Press /min.	3 Press /min
Power Supply	RIDGID RB-18XX Series 18 V Li-Ion Battery Pack or RIDGID RPA 120/220 AC Power Adapter *(See Optional Equipment Section)*	
Bluetooth Range	33 ft. (10 m)	33 ft. (10 m)
Permissible Humidity	80% maximum	80% maximum
Operating Temperature Range	15° F to 122° F (-10° C to 50° C)	15° F to 122° F (-10° C to 50° C
Storage Temperature	32° F to 113° F (0° C to 45° C)	32° F to 113° F (0° C to 45° C)
Weight (no battery/ attachment)	7.83 lbs (3.55 kg)	7.83 lbs (3.55 kg)
Dimensions	11.3" x 11.0" x 3.1" 287 mm x 279 mm x 77 mm	15.7" x 4.65" x 3.1" 398 mm x 118 mm x 77 mm
Sound Pressure (L_{PA})*	<74.5 dB(A), K=3 dB(A)	<74.5 dB(A), K=3 dB(A)
Sound Power (L_{WA})*	XX dB(A), K=TBD	XX dB(A), K=TBD
Vibration*	<1.13 m/s^2, K=1.5	<1.13 m/s^2, K=1.5

* Sound and Vibration measurements are measured in accordance with a standardized test per Standard EN 62481-1.
- Vibration levels may be used for comparison with other tools and for preliminary assessment of exposure.
- Sound and vibration emissions may vary due to your location and specific use of these tools.
- Daily exposure levels for sound and vibration need to be evaluated for each application and appropriate safety measures taken when needed. Evaluation of exposure levels should consider the time a tool is switched OFF and not in use. This may significantly reduce the exposure level over the total working period.

Standard Equipment

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

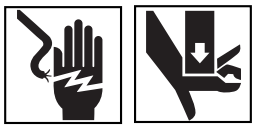
NOTE! RIDGID press tool attachments are offered in two "series"
- Standard Series
- Compact Series

These attachment series are not interchangeable. Standard series attachments will only work with standard series tools (RP 350, RP 351, RP 342-XL, RP 340, RP 330, 320-E, CT-400). Compact series attachments will only work with compact series tools (RP 240, RP 241, RP 200, RP 210, 100B).

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 Press Fitting System manufacturer for selection information.

Pre-Operation Inspection

⚠ WARNING



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

1. Switch OFF the tool and remove battery/AC Adapter from tool.
2. Clean any oil, grease or dirt from the equipment, especially the handles and controls. This aids inspec-

tion and helps to prevent the tool or controls from slipping from your grip.

3. Inspect the press tool for:
   - Proper assembly, maintenance and completeness.
   - Any broken, worn, missing, misaligned or binding parts. Confirm fabric loops are in good condition.
   - Smooth movement of attachment mounting pin between the fully open and fully closed position. Pin should lock into each position. Confirm that the run switch moves freely and does not bind or stick.
   - Presence and readability of warning label *(Figure 6)*.
   - Any other condition which may prevent safe and normal operation.

   Do not use the press tool until problems have been repaired.

Figure 6 – Status Lights/Warning Label

4. Inspect and maintain tool attachments per their instructions. Remove attachment from the tool. Confirm that attachments are in good condition and clearly marked as to use.

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

Set-Up and Operation

⚠ WARNING

Keep your fingers and hands away from the tool attachment during the press cycle. Your fingers or hands can be crushed, fractured or amputated in the attachment, tool, between the tool and attachment, work piece and other objects.

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

Use proper tool, attachment and fitting combinations. Improper combinations can result in an incomplete press connection, which increases the risk of leaks, equipment damage and injury.

Follow *Set-up and Operation* to reduce the risk of injury from crushing and other causes and to prevent tool damage.

1. Confirm appropriate work area *(See General Power Tool Safety Warnings)*. Operate in a clear, level, stable, dry location. Do not use tool while standing in water.
2. Inspect the work to be done and determine the correct RIDGID tool and RIDGID attachment for the application per their specifications. Using incorrect equipment for an application can cause injury, damage the tool and make incomplete connections.
3. Confirm all equipment has been inspected and set up as directed in their instructions.

Removing/Installing Attachment

1. Switch OFF the tool and remove battery/AC Adapter from tool.
2. Fully open the attachment mounting pin. Remove/-insert the appropriate attachment *(Figure 7)*.
3. Fully close the attachment mounting pin until it locks into the closed position. Attachment mounting pin must be fully closed to prevent tool damage during use. Tool lights will be lit to indicate, *see Figure 5 for Tool Status Lights*.

NOTE! Do not operate tool without the attachment in place, this can damage the tool.

Figure 7 – Attachment Mounting Pin

Preparing Connection

NOTICE These instructions are generalized practices for several types of press tool attachments. Always follow the specific instructions for the press tool attachment being used and the fitting manufacturers' specific installation instructions to reduce the risk of improper press connections and extensive property damage.

1. Prepare the press connection according to the fitting manufacturer's instructions.

2. With dry hands, insert a fully charged battery or AC Adapter into tool. If using the corded power adapter with a GFCI, the GFCI (RCD) should have a rated residual current of 30 mA or less. Depress ON/OFF button one time to turn tool ON. All LEDs will be lit green indicating that the tool is ready to use. *See Figure 5* – Tool Status Lights for any other light.

Pressing A Fitting With Typical Scissor Jaws

1. Properly hold the tool with both hands.

Figure 8 – Holding the Tool

2. Squeeze jaw arms to open jaws.
3. Place open jaws around fitting *(Figure 9)*. Properly align jaw press profile with contour of the fitting as specified in Fitting Manufacturer's Installation Instructions. Release jaw arms to close jaws around fitting. Do not hang jaw set from fitting. Tool could unexpectedly drop and cause serious injury or death.

Figure 9 – Placing Scissor-Style Jaws Around Fitting

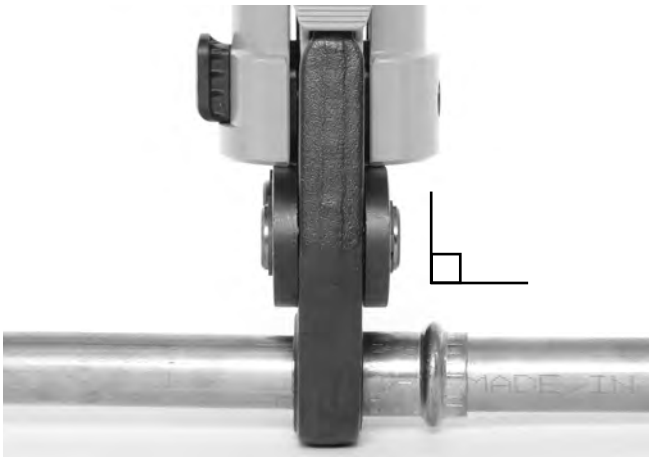


Figure 10 – Jaws Square to Fitting

4. Confirm jaw is appropriately placed and square to fitting *(Figure 10)*. Keep fingers and hands away from the jaws to avoid crushing injuries in jaws or between jaws and surroundings.

   Normal Mode: Depress the run switch *(Figures 1 & 2)*. Once the tool cycle begins and the rollers contact the jaw arms, the tool will lock-on and automatically complete the cycle. Releasing the switch will not stop the tool once it has locked on. This assures consistent, repeatable press connection integrity.

   Control Mode: Depress the run switch *(Figures 1 & 2)*. The jaws will engage the fitting but the press connection is not made. Make adjustments as necessary. Press the run switch again, the tool will lock-on and automatically complete the cycle. Releasing the switch will not stop the tool once it has locked on. This assures consistent, repeatable press connection integrity.

   If tool must be removed before a press connection is completed, depress the pressure release button *(Figures 1 & 2)*.

NOTICE Any time release button is depressed, the press connection is NOT complete and the fitting must be pressed again to ensure completion. If the tool malfunctions during operation, use this procedure.

5. Release the run switch.
6. Squeeze jaw arms to open jaws.
7. Remove jaw from fitting. Avoid sharp edges that may have formed on fitting during pressing operation.
8. When operation is complete, depress ON/OFF button one time to turn tool OFF. Remove battery or AC Adapter from tool.

Pressing A Fitting With Typical Actuator And Press Ring Set

1. Open ring and place around fitting. Properly align ring press profile with contour of the fitting as specified in *Fitting Manufacturer's Installation Instructions*. Release ring to close around fitting *(Figure 11)*.
2. Confirm appropriate actuator is properly installed in tool. Squeeze actuator arms to open the actuator tips. Align actuator tips with ring pockets. Release actuator arms and fully engage actuator tips into ring pockets *(Figure 12)*. Misaligning actuator tip to ring pocket can damage the ring or actuator during pressing. Do not hang tool and actuator from press ring. Tool could unexpectedly drop and cause serious injury or death.

Figure 11 – Installing Press Ring Onto Fitting

Figure 12 – Attaching Actuator to Press Ring

3. Confirm ring is appropriately placed and square to fitting. Keep fingers and hands away from the actuator and ring to avoid crushing injuries in attachment or between attachment and surroundings.

   Normal Mode: Depress the run switch *(Figures 1 & 2)*. Once the tool cycle begins and the rollers contact the jaw arms, the tool will lock-on and automatically complete the cycle. Releasing the switch will not stop the tool once it has locked on. This assures consistent, repeatable press connection integrity.

   Control Mode: Depress the run switch *(Figures 1 & 2)*. The jaws will engage the fitting but the press connection is not made. Make adjustments as necessary. Press the run switch again, the tool will lock-on and automatically complete the cycle. Releasing the switch will not stop the tool once it has locked on. This assures consistent, repeatable press connection integrity.
4. If tool must be removed before a press connection is completed, depress the pressure release button *(Figures 1 & 2)*.

NOTICE Any time release button is depressed, the press is NOT complete and the press connection must be pressed again to ensure completion. If the tool malfunctions during operation, use this procedure.

5. Release the run switch.
6. Squeeze actuator arms to open actuator. Remove actuator from fitting.
7. Remove ring from fitting. Avoid sharp edges that may have formed on fitting during pressing operation.
8. When operation is complete, depress ON/OFF button one time to turn tool OFF. Remove battery or AC Adapter from tool.

Inspecting The Pressed Connection

1. Inspect the pressed fitting for:
   - Full insertion of tube into fitting.
   - Excessive misalignment of the tubes. A slight amount of misalignment at a press connection is considered normal.
   - Incorrect attachment alignment with the fitting contour. Distorted or deformed fitting.
   - Any other issues per the fitting manufacturer. This could include the removal of a control ring or decal (used to indicate the connection has not yet been pressed).

   If any issues are found, remove fitting and install a new press connection.
2. Test the press connection in accordance with connector manufacturer instructions, normal practice and applicable codes.

Bluetooth Functions (Wireless Data Transfer)

The RIDGID® RP 350 and RP 351 Press Tools include Bluetooth® wireless technology allowing wireless data

transfer to properly equipped smartphones or tablets ("devices") running iOS or Android operating systems.

1. Download the appropriate RIDGID® Link app to your device by going to RIDGID.com/apps, the Google Play Store or the Apple App Store.
2. When the tool is ON, a Bluetooth wireless technology equipped device can find and pair with the press tool. In the Bluetooth settings of your device, select desired RIDGID tool. Refer to your device instructions for specific information on how to connect via Bluetooth wireless technology. Once connected, the green-blue-blue-blue tool status lights will be lit.

   After the initial pairing, most devices will automatically connect to the Tools when the Bluetooth wireless technology is active and in range and if device settings are configured to do so. Press tools should be less than 33 ft. (10 m) from the device to be detected. Any obstacle between the tool and device can reduce the operational range.
3. Follow the app instructions for proper use. The mode of operation can be changed via app. The app also allows monitoring of tool cycles.
4. The wireless data transfer turns OFF when the press tool is switched OFF. Turn Bluetooth wireless device OFF to reduce device battery drain.

Cold Weather Operation

As temperature drops, hydraulic fluid thickens and battery performance degrades. To reduce the risk of improper operation, the RP 350 and RP 351 will not operate outside of the specification temperature range as indicated by the tool status lights *(Figure 5).*

When ambient conditions are outside the specification temperature range, keep the tool and batteries in a conditioned space until ready to use.

Storage

Remove battery or AC Adapter from the press tool. Store press 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 tool status lights. *(See Figure 5)*

⚠ WARNING Store tool in a dry, secured, locked area that is out of reach of children and people unfamiliar with the press tool. The tool is dangerous in the hands of untrained users.

Maintenance Instructions

⚠ WARNING

Make sure tool is switched OFF and battery or AC Adapter is removed from tool before performing maintenance or making any adjustment.

Cleaning And Lubrication

1. Wipe the tool clean daily with a clean dry cloth.
2. Inspect the attachment mounting pin and lubricate the pin with silicone lubricant as needed.
3. Check return springs in attachments with each use. Attachments should open and close freely with only moderate finger effort required.

Service And Repair

⚠ WARNING

Improper service or repair can make tool unsafe to operate.

Service and repair on the RP 350 and RP 351 Press Tools must be performed by a RIDGID Independent Press Tool Service Center.

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

Troubleshooting

SYMPTOM	POSSIBLE REASONS	SOLUTION
Tool will not turn ON when ON/OFF button is pressed.	Battery is completely discharged or battery has failed.	Insert fully charged battery/recharge battery.
	Battery not properly inserted into handle of tool	Check to assure battery is fully inserted.
	AC adapter not correctly inserted into the tool.	Correctly insert AC adapter into tool.
Attachment is locked onto fitting.	Press connection was not successfully completed.	Push pressure release button to remove jaws from fitting. Inspect and repress fitting.
The pressed connections produced are not complete.	Used wrong jaw for the tube size or material.	Install the correct attachment.
	The tool was not square to the tube.	Redo the press connection with new fitting and new tube. Make sure that the tool is square to the tube.
	Attachment press contour was not aligned with the fitting contour.	Redo the joint with new tube and new fitting. Make sure the attachment press contour is aligned with the fitting contour.
	Tool is in need of repair.	Take for service.
Oil leaks from tool.	Seal or mechanical problems.	
Motor runs but tool will not complete a cycle.	Oil level low.	Take for service.
Tool stops during operation.	Oil level low.	

See Figure 5 – Tool Status Lights

Optional Equipment

⚠ WARNING

To reduce the risk of serious injury, only use equipment specifically designed and recommended for use with the RP 350 and RP 351 Press Tools, such as listed below.

Battery and Adapter Packs

Catalog No.	Description
56513	RB-1825 18V 2.5 Ah Lithium Ion Battery
56518	RB-1850 18V 5.0 Ah Lithium Ion Battery
44468	120 AC Power Adapter – North America
43338	220 AC Power Adapter– Europe
44823	120 AC Power Adapter – China

Chargers and Cords

Catalog No.		Region	Plug Type
64383	RBC-30 Charger	North America	A
56523	RBC-30 Charger	Europe	C
64388	RBC-30 Charger	China	A
64393	RBC-30 Charger	Australia	I
64378	RBC-30 Charger	Japan	A
64398	RBC-30 Charger	United Kingdom	G
64173	RBC-30 Charger Cord	North America	A
64183	RBC-30 Charger Cord	Europe	C

For a complete listing of RIDGID equipment available for these tools, see the Ridge Tool Catalog online at RIDGID.com or see *Contact Information*.

Disposal

Parts of these tools 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.

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 electromagnet interference to other equipment.

NOTICE These tools conform to all applicable EMC standards. However, the possibility of them 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.

FCC/ICES Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This product complies with the Canadian ICES-003 Class A specifications. *See Declaration label on tool.*

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 RIDGID® AUTHORIZED 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.

RIDGID
FULL LIFETIME WARRANTY
Against Material Defects & Workmanship

FULL LIFETIME WARRANTY (garantie légale étendue à la durée de vie du produit, voir conditions de garantie / legal warranty extended to the product lifecyle, see warranty conditions)

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