

## WARRANTY

Your Ramset™ tool has a warranty against materials or workmanship for a period of 12 months from the date of purchase, providing the tool has been operated by a trained operator strictly in accordance with these instructions and Local or Government regulations, using only genuine Ramset™ fasteners, and accessories or compatible consumables. Within this 12 month period Ramset™ will repair or replace this product free of charge if it shall be found to be defective under normal use due to faulty workmanship or materials.

Claims under the guarantee may be made by delivering the product undismantled to the seller from whom it was purchased or by making a claim to such a seller in writing, in either case within 7 days of the defect becoming apparent.

In addition to other rights and remedies that may be available under law, our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Find your local Ramset Service Agent:  
<https://ramset.com.au/store-locator/>  
or call 1300 780 063



### Ramset™ Australia

Sales, Orders and Enquiries

Tel: 1300 780 063

Email: [enquiry@ramset.com.au](mailto:enquiry@ramset.com.au)

Web: [www.ramset.com.au](http://www.ramset.com.au)

### Ramset™ New Zealand

Sales, Orders and Enquiries

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Web: [www.ramset.co.nz](http://www.ramset.co.nz)



# Ramset™ *JOBMASTER™*

## Operator's Instruction & Training Manual



Semi Automatic, Single Shot, Powder Actuated Tool



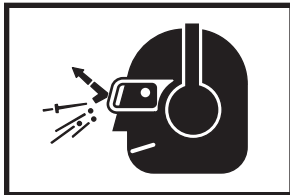
DANGER



THIS TOOL IS TO BE USED ONLY BY PROPERLY TRAINED AND LICENSED OPERATORS.

YOU MUST SUCCESSFULLY COMPLETE THE RAMSET TRAINING PROGRAM FOR THE TOOL AND OBTAIN A CERTIFIED OPERATOR'S LICENSE BEFORE HANDLING, LOADING, OR OPERATING THIS TOOL. SAFETY TRAINING AND LICENSE CAN BE OBTAINED AT [www.ramsetpat.com](http://www.ramsetpat.com)

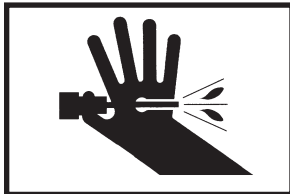
ATTEMPTING TO HANDLE OR OPERATE THIS TOOL WITHOUT PROPER TRAINING AND LICENSING CAN RESULT IN SERIOUS INJURY TO THE OPERATOR OR BYSTANDERS.



Operators and bystanders must wear eye and hearing protection.



Read manual before operating tool.



Never close tool with hand over fastener loading end of the tool. A serious hand injury from penetration by the piston or a discharged



## Preparation

### Acceptable Base Materials

Powder-actuated fastening is suitable for use in the following base materials only:

- Poured Concrete
- Structural Steel
- Masonry Joints (see page 8)

Never attempt to fasten into any other type of material. *Fastening into other materials can cause blindness or other serious injury.*

### Unacceptable Base Materials

Never attempt to fasten into very hard or brittle materials such as cast iron, glass, or rock of any type.

*These materials can shatter, causing the fastener and/or base material fragments to fly free and cause serious injury to tool operator and others.*

Never fasten into soft base materials, such as dry wall or lumber products.

*These materials may allow the fastener to travel completely through and out the other side, endangering those in the path of the fastener.*

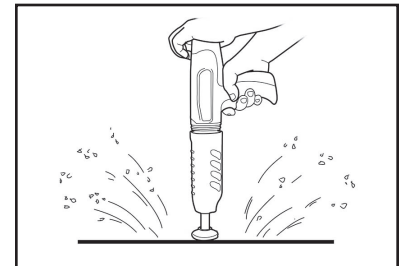
Never fasten into any base material that does not pass the Centre Punch test.

*Failure to assure the suitability of the base material can result in serious injury and/or damage to the tool.*

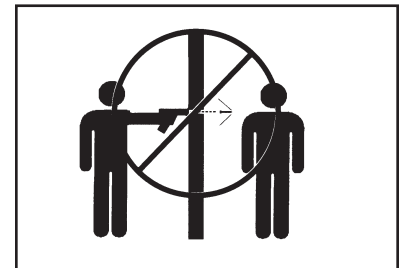
## Centre Punch Test

**ALWAYS WEAR EYE PROTECTION WHEN PERFORMING THIS TEST.**

1. Always check the material being fastened into for hardness before attempting any fastening operation.
2. Using a fastener as a centre punch, strike the fastener against the work surface using an average hammer blow and check the results.



**NEVER FASTEN INTO VERY HARD OR BRITTLE MATERIALS**



**NEVER FASTEN INTO SOFT MATERIALS SUCH AS DRYWALL OR ASPHALT**

## Centre Punch Test Results

1. If the fastener point is flattened, the material is too hard for a powder actuated fastening.
2. If the fastener penetrates the material easily, the material is too soft.
3. If the material cracks or shatters, the material is too brittle.
4. If the fastener makes a small indentation into the material, the material is suitable for fastening.

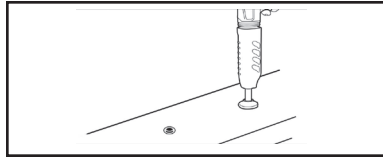


## SAFETY INSTRUCTIONS



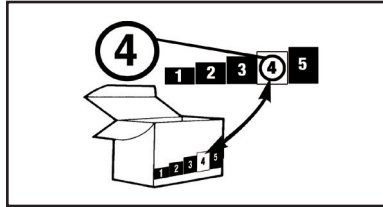
### Loads and Load Selection Safety

1. Always make a test fastening after being sure that the base material is suitable for powder actuated fastening. Failure to determine the correct power level to be used may result in the use of excessive power, allowing the fastener to pass completely through the work material, causing serious or fatal injuries to others who may be in the path of the fastener.



ALWAYS MAKE A TEST FASTENING

2. Colour-blind operators must always select loads by load number to prevent use of an incorrect load for the same reasons as in #1 above.



COLOUR-BLIND OPERATORS MUST ALWAYS SELECT LOADS BY NUMBER

### Workplace Safety

1. Operators and bystanders must always wear approved eye protection and approved hearing protection. Failure to do so may result in blindness or serious eye injury from flying debris and loss of hearing from constant or repeated unprotected exposure to fastening noise.



KEEP WORK AREA CLEAR OF BYSTANDERS & CLUTTER

2. Always keep the work area clear of bystanders and unnecessary materials that could interfere with safe tool operation. Operating the tool in a congested or cluttered area may affect your ability to operate the tool safely.

3. Never operate tool if flammable or explosive materials are nearby. Powder loads burn and create sparks when fired and could ignite these materials or fumes.



NEVER OPERATE THE TOOL AROUND FLAMMABLE OR EXPLOSIVE

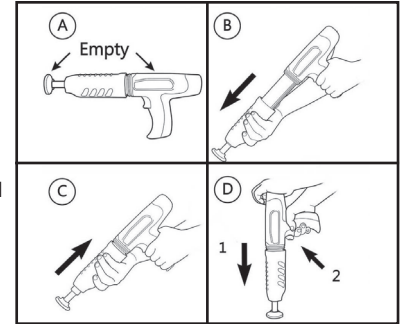
4. Always post warning signs within 50 ft. of the area where fastening is to be done. Sign must state: "WARNING - Powder Actuated Tool In Use". Call "firing" prior to activating the trigger. Failure to warn others may result in serious injury to them.

## SAFETY INSTRUCTIONS

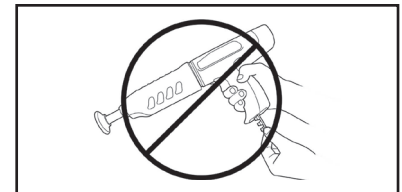


### Tool Handling Safety

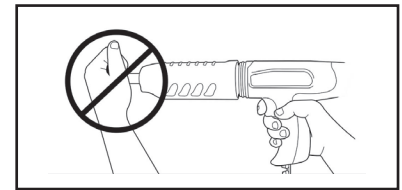
1. Always be sure tool is operating properly before attempting to use it. Follow the "Daily Function Check" shown to the right and described on page 9.
2. Always load tool using a strip load selected directly from a box indicating the power load type and number. Never attempt to use loose strip loads that could be misidentified.
3. Never carry loose strip loads in pockets with pins or other hard objects.
4. Never load a tool unless you intend to immediately make a fastening. Loading a tool and leaving it unattended in the work area can result in the tool being accidentally discharged by others.
5. Never place your hand or any other body part over the fastener loading end of tool. Serious hand injury can result from being struck by either a fastener or the tool piston should the tool be accidentally fired.
6. Always store tool unloaded and keep the tool and the loads securely locked in a tool box. Keep keys away from children and unlicensed persons.
7. Always keep the tool pointed away from yourself and others.
8. Never carry a loaded tool around the work area.
9. Never allow anyone not trained to use the tool.
10. Using the tool in poorly ventilated areas, cleaning tool or handling loads may result in exposure to lead or other substances known to cause birth defects, and other physical harm. Have adequate ventilation at all times and wash thoroughly after exposure.



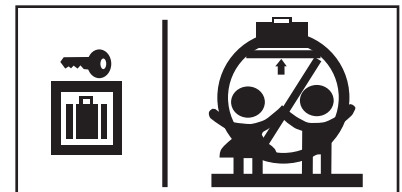
ALWAYS DO A DAILY FUNCTION CHECK BEFORE LOADING THE TOOL



NEVER LOAD TOOL UNLESS IT IS TO BE USED IMMEDIATELY



NEVER PLACE HANDS OR BODY OVER MUZZLE OPENING



KEEP TOOL LOCKED & OUT OF THE REACH OF CHILDREN

## SAFETY INSTRUCTIONS



## SAFETY INSTRUCTIONS

## SAFETY INSTRUCTIONS

### FAILURE TO FOLLOW INSTRUCTIONS CAN CAUSE INJURY TO THE TOOL OPERATOR OR BYSTANDERS.

#### Fastener Driving Safety

1. Only use the tool for fastening into a suitable base material.
2. Never fire the tool without a fastener. *Firing a tool without a fastener will cause the piston to strike the work surface, and may cause serious injury to you and others in the work area.*
3. Always use the spall guard whenever possible to minimise flying particles or debris.
4. Always hold the tool perpendicular to and firmly against the work surface when making a fastening. *Failure to do so could allow a fastener to ricochet.*
5. Never attempt to drive a fastener close to an edge or to another fastener. *See page 8 for guidelines.*

#### ALWAYS FOLLOW THE MISFIRE PROCEDURE.

If the tool does not fire after the normal firing sequence, continue to hold the depressed tool against the work surface for at least 30 seconds.

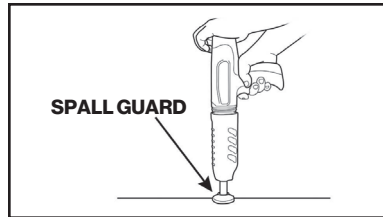
Then carefully lower the tool, remove the strip load and put it in a can of water or other non-flammable liquid.

Never carelessly discard a strip with live loads into a bin

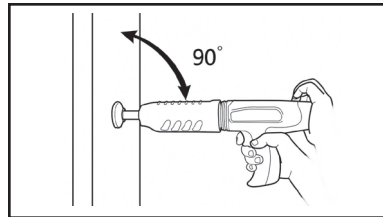
If the tool becomes stuck or jammed with a live powder load, keep the tool pointed in a safe direction, and immediately tag it, "Danger-defective-do not use".

Lock the tool in a tool box and call for technical assistance.

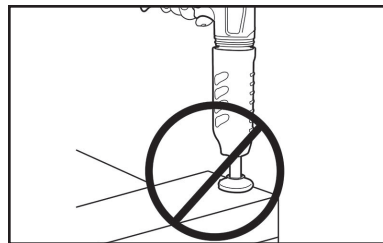
**⚠ DANGER**



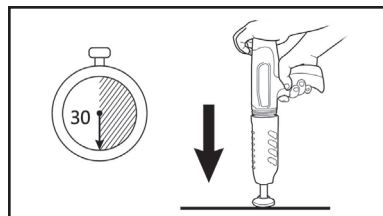
USE SPALL GUARD WHENEVER POSSIBLE



ALWAYS HOLD THE TOOL PERPENDICULAR TO THE WORK SURFACE



NEVER DRIVE A FASTENER CLOSE TO AN EDGE



HOLD TOOL FIRMLY AGAINST THE WORK SURFACE FOR AT LEAST 30 SECONDS.

## SAFETY INSTRUCTIONS

**⚠ DANGER**

## FASTENERS / LOADS

Your Ramset **JOBMASTER™** tool uses only the Ramset fasteners and loads shown below or listed for the tool in the product catalogue. Check with retailer/distributor on fastener availability.

**⚠ DANGER ⚠**

Never use any other types of fasteners or strip loads in the Ramset Jobmaster tool. Use of other types of fasteners or loads may cause unintentional load discharge, damage the tool, cause poor fastening performance, or create a risk of serious injury to the operator or bystanders.

### FASTENERS

.300 HEAD PLASTIC FLUTED DRIVE PINS



.145 Shank Diameter in Shank lengths from 1/2" to 3"

1/4" - 20 THREADED STUDS



.145 Shank Diameter in Shank Lengths of 1/2" and 1" and thread length of 3/4"

8 mm HEAD TOP-HAT DRIVE PINS



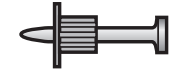
.145 Shank Diameter in Shank Lengths from 1/2" to 1"

CONDUIT CLIP ASSEMBLIES



For 1/2" and 3/4" Diameter Conduit with 1" Pre-mounted Fastener

.300 HEAD PLASTIC FLUTED DRIVE PINS WITH 7/8" WASHER



.145 Shank Diameter in Shank Lengths from 1" to 3"

.300 HEAD POWER POINT PLASTIC FLUTED DRIVE PINS



.150 Straight Shank in Shank Lengths from 1/2" to 7/8"  
.150/.180 Step Shank in Lengths from 1" to 1-7/8"

CEILING CLIP ASSEMBLIES



Ceiling Clip with 1" or 1-1/4" pre-mounted .145 Shank Pin and Ceiling Clip with 1" or 1-1/4" pre-mounted .150/.180 shank pin.

### LOADS

Ramset RS 27 strip loads are specially made for use in the Ramset **JOBMASTER™** Tool.



27 CAL 10 SHOT STRIP LOAD

POWER LEVEL	CATALOG NUMBER	LOAD COLOR	CASE COLOR
4	PLSYW22	Yellow	Brass
5	PLSRD22	Red	Brass

The power level of the load is indicated by the number marked on each box, the colour of the box, and the colour on the tip of each load. As the number increases, the power level also increases.

Always perform the centre punch test described on page 3 to test the base material.

Always make a test fastening using the lowest power level first. If more power is required to set the fastener, use the next higher power level until the powder level necessary to drive the fastener is reached.

## FASTENERS / LOADS

## FASTENING APPLICATIONS

### FASTENING APPLICATIONS

Your Ramset tool can be used for a wide range of fastening needs in a variety of base materials. Reading and following these important fastening guidelines will help you get the best results from your tool, fasteners, and powder loads, as well as help you perform these fastening operations safely and effectively.

Powder actuated fastenings are permanent fastenings so attempting to remove a fastener from concrete or steel may result in serious injury.

#### Fastening to Concrete

When fastening into concrete, always maintain a minimum spacing of 100mm between fastenings and 100mm from any free edge. Concrete thickness should be at least three times the intended penetration depth into the concrete. The primary exception to the 100mm edge distance can occur in a sill plate application where, by necessity, the edge distance is reduced.

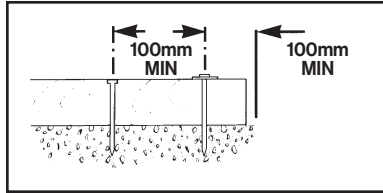
Driving fasteners too close to an edge or too close to each other can cause the concrete edge to fail or fasteners to fly free.

#### Fastening to Concrete Block or to Masonry Walls

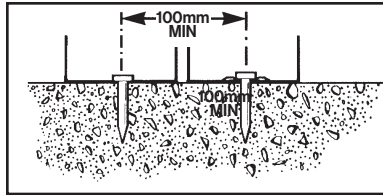
While this application is not recommended, when used, it is necessary to take care to observe a 100mm edge distance to avoid cracking the block and over penetration of the fastener to avoid loss of holding value. Fastenings may be made into the horizontal joint but not into the vertical joint.

#### Fastening to Steel

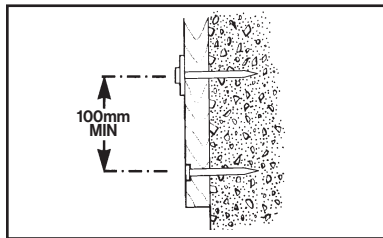
Your Ramset tool can be used for fastening on the flat surfaces of structural steel. When fastening into steel, always maintain a minimum spacing of 10mm between fastenings and 40mm from any edge.



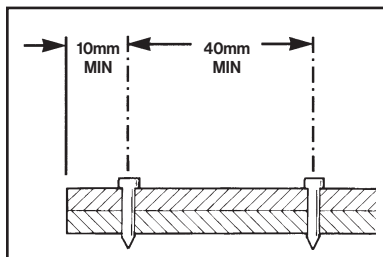
SPACING WOOD TO CONCRETE



PENETRATION - THIN GAUGE METAL TO CONCRETE



SPACING - FURRING STRIP TO CONCRETE



SPACING - STEEL TO STEEL

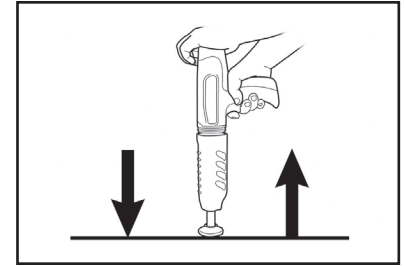
## FASTENING APPLICATIONS

## TOOL OPERATING INSTRUCTIONS

### TOOL OPERATION

#### Daily Function Test

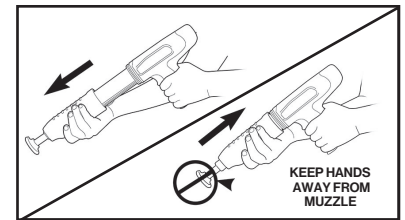
Always check the tool first to make sure it does not contain a strip load or fastener. Test the tool several times by depressing the muzzle bushing fully on a hard surface and pulling the trigger. You should hear an audible click as the firing pin releases. Let up on the tool, and check to be sure the barrel has opened to the semi-open position.



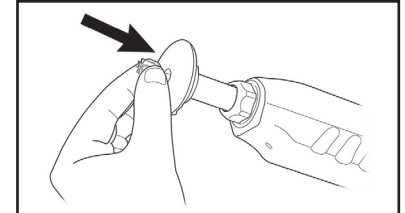
PERFORM THE FUNCTION TEST WITH EMPTY, UNLOADED TOOL

#### OPERATING THE RAMSET JOBMASTER TOOL

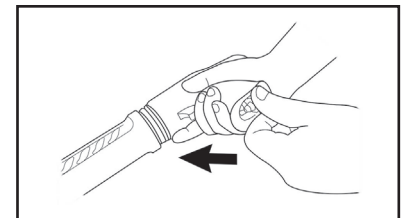
1. After checking that the tool is not loaded, point it in a safe direction and be sure that the barrel is fully extended and then close the tool to the semi-closed position. This assures that the piston is in position for the next fastening. Use the spall guard every time possible to minimise the risk of being struck by flying debris.
2. With finger off the trigger, place the fastener, point out, into the muzzle end of the tool until the point end is inside the muzzle. **NEVER** load a fastener with your finger on the trigger. **DO NOT** use excessive force when inserting a fastener. **STOP** immediately if excessive force is required, inspect the barrel to find out why the fastener is not entering the muzzle freely. **DO NOT** continue loading unless the problem is corrected.
3. With the tool pointed in a safe direction and finger away from the trigger, insert a strip load into the bottom of the handle and push it in until your finger is in firm contact with the handle recess.



FULLY OPEN AND CLOSE TOOL TO THE SEMI-CLOSED POSITION



INSERT FASTENER INTO THE MUZZLE END OF THE TOOL WITH THE POINT OUT



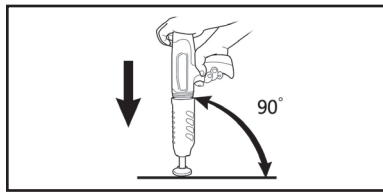
INSERT LOAD STRIP INTO THE OPENING IN THE BOTTOM OF THE HANDLE

## TOOL OPERATING INSTRUCTIONS



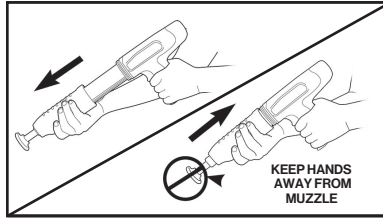
## TOOL OPERATING INSTRUCTIONS

4. Hold the tool perpendicular (90°) to the work surface with both hands, and press down firmly to fully depress the tool. Maintain firm downward pressure on the tool with both hands and pull the trigger to drive the fastener. **DO NOT DEPRESS THE TOOL AGAINST ANYTHING OTHER THAN THE INTENDED WORK SURFACE.** Holding the tool firmly in place while fastening will produce more consistent - fastening quality, and minimise tool wear or damage.



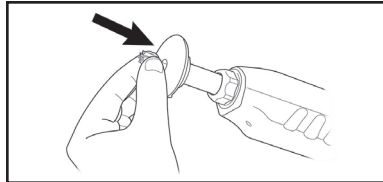
**HOLD THE TOOL FIRMLY AND PERPENDICULAR TO THE WORK SURFACE**

5. After making the fastening, fully open and then close the tool to the semi-closed position. This resets the piston for the next fastening. A new load is automatically indexed into place after the trigger is pulled.



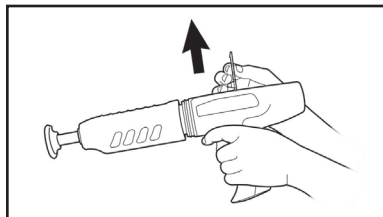
**FULLY OPEN THE TOOL AND THEN CLOSE IT TO THE SEMI-CLOSED POSITION**

6. Insert another fastener in the muzzle end of the tool as before and the tool is ready for the next fastening. Keep your finger off of the trigger until the tool is in position to drive the fastener.



**INSERT THE NEXT FASTENER**

7. To remove a used or partially used load strip from the tool, pull the strip out from the top of the tool. Do not try to remove the strip by pulling it out from the bottom of the handle. **NEVER** try to remove a jammed or stuck load strip. Should a "jammed" load strip occur, call 1300 780 063 for technical assistance.



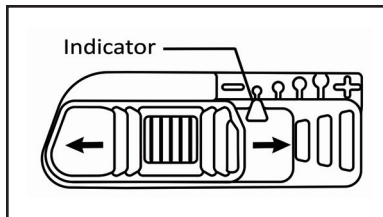
**REMOVE THE LOAD STRIP ONLY FROM THE TOP OF THE TOOL**

### Power Adjust

The power level of the JOBMASTER can be decreased for optimum penetration of the base material. Press and slide the power adjust button located on the side of the tool.

If pins are still underdriven when power level is set at maximum, switch to the next higher load.

If pins are still overdriven when power level is set at minimum, switch to the next lower load.



**POWER LEVEL ADJUSTMENT**

## TOOL OPERATING INSTRUCTIONS

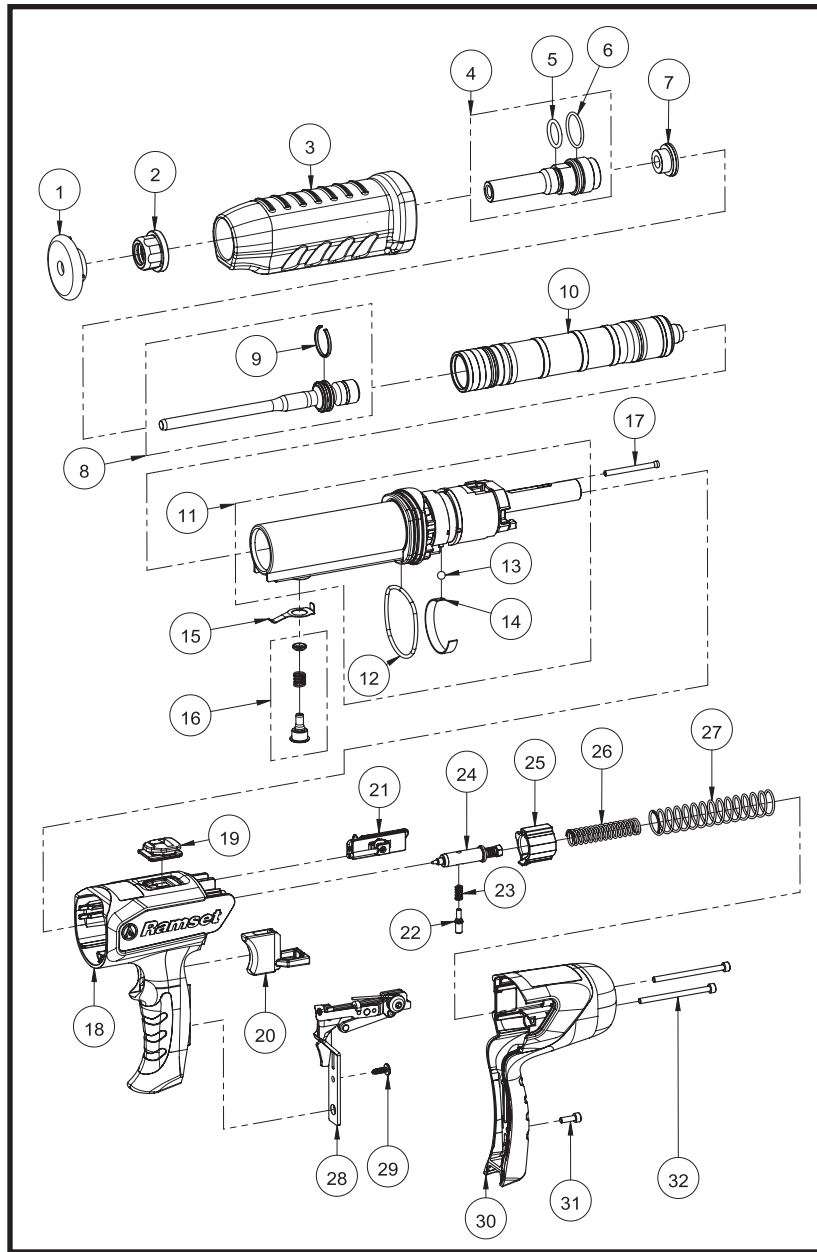
## TROUBLESHOOTING

### REFER TO PARTS SCHEMATIC FOR PROPER ASSEMBLY OF PARTS

Overdriving of fasteners	Excessive power	Slide power adjust left to dial down power. Change to next lower power level load strip
	Soft base material	Check base material (see page 3). Inspect buffer (#7 in schematic chart) and replace if damaged.
Tool fails to fire	Failure to depress completely	See "Tool does not completely depress"
	Excessive dirt buildup on breech face not allowing proper penetration of firing pin	After following misfire procedure, check firing pin indentation on load. Clean breech face
	Firing pin and/or breech damaged	Replace damaged parts
Tool does not completely depress	Misassembled or damaged parts	Check parts #2 through 9 for improper assembly or damage
	Debris jamming the barrel or piston assembly	Disassemble and remove debris
Reduction or loss of power	Power adjust dial turned down	Adjust power dial to increase power level
	Piston not being returned to the full rear position	Barrel must be pulled completely open to properly position the piston
	Worn or damaged piston or piston ring	Replace worn or damaged parts
	Worn or broken pawl	Replace pawl
	Excessive dirt build up	Clean tool thoroughly
Tool is difficult to or cannot be cocked or opened	Excessive dirt buildup	Clean tool thoroughly
	Damaged or bent piston	Replace piston
	Broken or damaged parts	Tag tool with warning "Defective-Do Not Use". Place in a locked container and contact your local Ramset representative for service
Failure to index strip	Strip not inserted in tool correctly or is damaged	Check load strip. Properly dispose of damaged strip. (see page 6)
	Damaged indexing mechanism	Call (02) 9829 4000
	Residue buildup	Clean the power load strip channel with wire brush
Failure of tool to stay closed when held in the downward position	Retaining ball missing	Call (02) 9829 4000
	Pawl cap loose	Tighten pawl cap
	Pawl spring missing	Replace pawl spring
Piston stuck in down position	Piston overdriven and stuck in muzzle bushing	Be sure tool is unloaded, tap on hard surface or drive piston back with a lead or brass hammer. Replace buffer. Wear safety goggles
Stuck load strip	Load stuck in chamber	Never attempt to remove an unfired, live load from the chamber. Call (02) 9829 4000 for technical assistance.
Pin(s) stuck in fastener guide	Pin inserted too far	Unscrew fastener guide, remove buffer, push pin out with screwdriver

## TROUBLESHOOTING

## PARTS SCHEMATIC



## PARTS SCHEMATIC

## PARTS LIST / MAINTENANCE

### JOBMASTER TOOL PARTS LIST

KEY	PART NO.	DESCRIPTION
1	101320-1	SPALL GUARD
2	585301	SILENCER NUT
3	586340	SILENCER SLIDE
4	585330	FASTENER GUIDE ASSEMBLY *
5	585302	FRONT O-RING, FASTENER GUIDE
6	585303	REAR O-RING, FASTENER GUIDE
7	501239	BUFFER *
8	586320	PISTON ASSEMBLY *
9	585322	PISTON RING
10	586310	BARREL ASSEMBLY
11	586200	RECEIVER ASSEMBLY
12	585232	O-RING, RECEIVER
13	301013	RETAINING BALL
14	585216	ANNULAR SPRING
15	585223	LEAF SPRING
16	585220	PAWL ASSEMBLY
17	585217	PUSH PIN
18	586100	FRONT HANDLE
19	586105	RUBBER COVER
20	491101	TRIGGER
21	586600	POWER ADJUST ASSEMBLY
22	585401	SEAR PIN
23	585402	SPRING, SEAR PIN
24	585410	FIRING PIN ASSEMBLY
25	585403	FIRING PIN GUIDE
26	585404	SPRING, FIRING PIN
27	585405	SPRING, FIRING PIN GUIDE
28	586500	ROCK ARM ASSEMBLY
29	585103	SCREW, ROCK ARM ASSEMBLY
30	586710	REAR HANDLE
31	585703	SHORT SCREW, REAR HANDLE
32	585701	LONG SCREW, REAR HANDLE (2)

To order parts contact ITW Construction Service and Parts at 1300 780 063 or find your local Ramset Service Agent <https://ramset.com.au/store-locator/> \* Parts available for order

### MAINTENANCE

**IMPROPERLY MAINTAINED TOOLS CAN CAUSE SERIOUS INJURIES TO TOOL OPERATORS AND BYSTANDERS, CLEAN TOOL DAILY**

Always make sure tool is not loaded before performing any service or repair and always wear safety goggles when cleaning or servicing the tool.

#### NORMAL CLEANING

All front end parts shown in the disassembly section are to be cleaned daily with a good detergent oil and wire brush. Remove all dirt and carbon buildup and wipe parts dry with a clean rag. Check all parts for wear or damage before reassembly and replace or repair any worn or damaged parts.

#### COMPLETE CLEANING / GENERAL MAINTENANCE

Heavy or constant exposure to dirt and debris may require that the tool be cleaned more extensively. Complete disassembly and cleaning of all parts may be necessary to restore the tool to normal operation. General maintenance should be performed every six months or more often if the tool is subjected to heavy use. Call 1300 780 063 or find your local Ramset Service Agent <https://ramset.com.au/store-locator/>

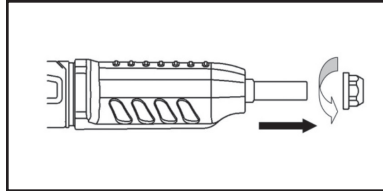
**ALWAYS FUNCTION TEST THE TOOL AFTER PERFORMING ANY SERVICE. SEE PAGE 9 FOR DETAILS ON THE FUNCTION TEST.**

## PARTS LIST / MAINTENANCE

## DISASSEMBLY & CLEANING

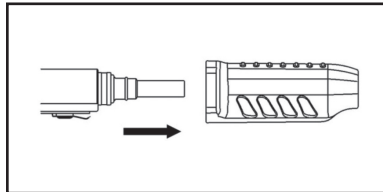
### TOOL DISASSEMBLY

1. Unscrew the silencer nut.



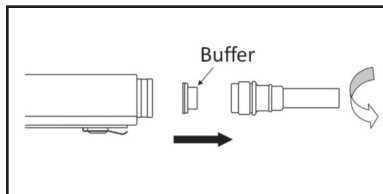
UNSCREW THE SILENCER NUT

2. Remove the silencer slide.



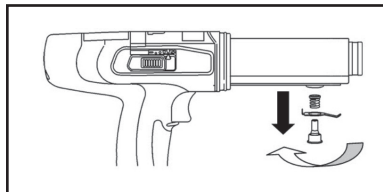
REMOVE THE SILENCER SLIDE

3. Unscrew the fastener guide assembly. Inspect the fastener guide for wear. Inspect the buffer and replace it if worn or damaged. It is good practice to always install a new buffer when replacing the piston assembly.



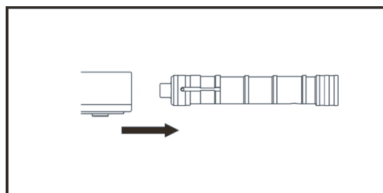
UNSCREW FASTENER GUIDE ASSEMBLY

4. Remove the pawl assembly using a 6 mm Allen Wrench. There are actually 4 parts for pawl assembly. Please refer to the exploded view for details.



REMOVE PAWL ASSEMBLY

5. Pull the barrel assembly out of the tool body.

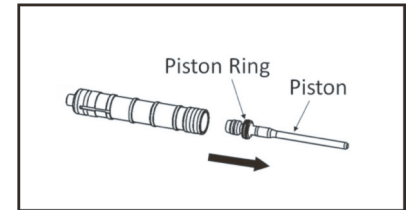


REMOVE THE BARREL

## DISASSEMBLY & CLEANING

## DISASSEMBLY & CLEANING

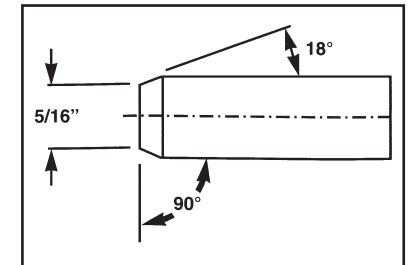
6. Pull the piston assembly out of the barrel assembly.



REMOVE THE PISTON

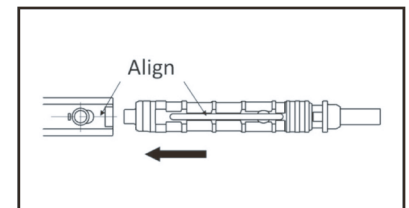
The tool is now disassembled for normal cleaning. Inspect all parts for wear or damage and clean or replace as required. Use detergent oil and cleaning brushes to remove dirt and powder residues. Wipe all parts dry before reassembly. Wear safety goggles when cleaning tool parts.

7. Check the piston tip for damage and grind flat. The tip of the piston must be 90° to the shank. Grinding should only be done by qualified personnel. The minimum overall length of the piston must not be less than 160mm long. When less than 160mm long, the piston must be replaced to avoid tool damage.



GRIND THE PISTON TIP FLAT AND BEVEL THE EDGE

8. Reassemble the tool in the reverse order of disassembly. Align the groove in the barrel with the pawl opening in the tool body when placing the barrel assembly into the tool body. Insert pawl assembly and screw tight.



ALIGN THE BARREL ASSEMBLY GROOVE WITH THE PAWL OPENING

ALWAYS PERFORM THE DAILY FUNCTION TEST BEFORE USING THE TOOL AFTER CLEANING OR SERVICING.

## DISASSEMBLY & CLEANING



## OPERATOR'S EXAMINATION

After studying and understanding the material in this tool manual, answer the following questions. Complete the information on the other side of this page. Enclose a copy of your sales receipt and send to the address on the back of this manual to activate your tool warranty and receive your tool license.

1. Eye and hearing protection must always be worn by the operator and any necessary bystanders when using the tool.  
 True  False
2. The strongest power level should be tried first when making the first fastening.  
 True  False
3. Never attempt to fire the tool until the muzzle end is compressed against the work surface and you are ready to make a fastening.  
 True  False
4. Sheet rock, drywall board, wood, fiberglass, ceramic tile, brick and thin sheet metal are examples of materials not to be fastened into.  
 True  False
5. A powder actuated tool can be safely used in an explosive or flammable atmosphere.  
 True  False
6. Malfunctioning tools can be used and do not have to be removed from service immediately.  
 True  False
7. When operating a powder actuated tool, your hand should never be placed in front of the tool muzzle.  
 True  False
8. Poured concrete and structural steel are suitable materials for fastening into.  
 True  False
9. To determine the suitability of a base material, use a fastener as a center punch as follows:  
A) If the fastener is blunted, do not fasten; the material is too hard.  True  False  
B) If the fastener penetrates easily, do not fasten; the materials too soft.  True  False  
C) If the material cracks or shatters, do not fasten; the material is too brittle.  True  False
10. In concrete, a fastener should be driven no closer to a free edge than 3".  
 True  False
11. When fastening into concrete, the base material should be greater than the shank penetration by at least 3 times.  
 True  False
12. Do not drive fasteners into steel that is thinner than 3/16".  
 True  False
13. Powder actuated tools, fasteners and loads, must always be kept in a secure, locked area when not in use to avoid access by unauthorized persons.  
 True  False
14. When considering the safety of a particular application, the operator must think about all of the following: a) the powder load power level, b) the operator's safety, c) the safety of bystanders and fellow workers, d) the base or receiving material.  
 True  False
15. It is not necessary to read the Operator's Manual prior to operating the JOBMASTER low velocity powder actuated tool.  
 True  False
16. The best way to check the receiving material is to set several fasteners using the most powerful load.  
 True  False
17. Piston overdrive is caused by overpowering of the tool or by discharging the tool against a soft surface.  
 True  False
18. One should never attempt to pry a stuck load out of a tool.  
 True  False
19. Placing a hand over the muzzle end of a loaded tool can result in serious injury from piston overdrive or an escaping fastener if the tool is discharged accidentally.  
 True  False

Signed \_\_\_\_\_

Date \_\_\_\_\_

## LICENSE AND WARRANTY ACTIVATION

The JOBMASTER™ Tool is warranted for 12 months after sale by ITW Brands.

I certify that I have read and understand the JOBMASTER™ Tool Operator's Instruction and Training Manual and have taken the Operator's Exam on the reverse side.

*(Please Print Clearly)*

The serial number on my tool is: \_\_\_\_\_

**Please send my tool license to:**

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Post Code \_\_\_\_\_

Phone \_\_\_\_\_

Email \_\_\_\_\_

Yes. I would like to receive product updates and information from Ramset.

### RETURN TO:

#### Ramset™ Australia

Tel: 1300 780 063

Email: enquiry@ramset.com.au

Web: www.ramset.com.au

#### Ramset™ New Zealand

Tel: 0800 726 738

Email: info@ramset.co.nz

Web: www.ramset.co.nz

## LICENSE AND WARRANTY ACTIVATION