

PR-5 Multi-Function Riveting System

SMART

Will not perform a bad rivet. Onboard system performs the same strength pressure (regardless of battery level) with full, half full, or almost empty battery. Battery voltage does not affect the force power.

NEW!

Quick Connect Arm System

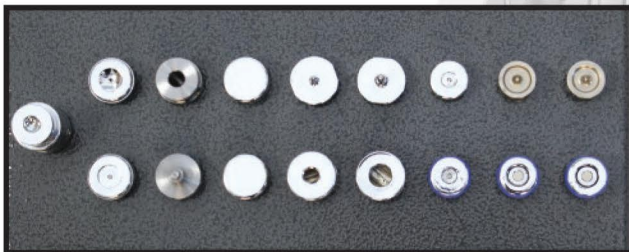


**Rotunda Part#
254-PR-5**

ALL IN ONE

for all your riveting needs

- SPR
- Flow Form
- Blind
- Removal
- Flattening
- Punching



The PR-5 self-piercing rivets join two or more pieces of material with the use of extreme pressure and precision machined punch and die sets. The punches are magnetic to hold the rivets in place, making operation quick and easy. The dies complete the process and prevent the rivet from punching through the last layer of material. This allows you to join different materials such as: aluminum, steel, plastic and more.

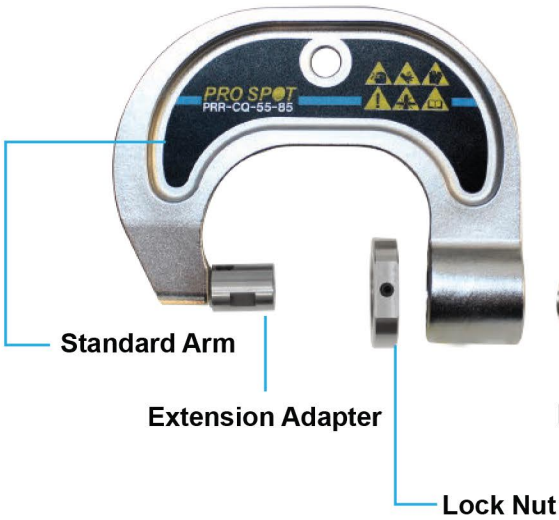


Totally portable

Battery operated (lithium ion)
Electric/Hydraulic System

Riveter PR-5

Multi-Function Riveting System



Quick Change
The arms have been redesigned to be quickly and easily changed from one arm to another, saving time and hassle.

Force Adjuster
The Force Adjustment Knob allows the user to set the final pushing force. The range is from 5kN (1,100lbs) to 50kN (11,000lbs). Turning clockwise increases the pushing force.



Easy Maneuvering Handle
The arms now feature a removable handle designed to easily balance and maneuver the Rivet Gun. The handle can be moved to either side, for left handed or right handed operation. The handle can also be completely removed if additional clearance is needed.



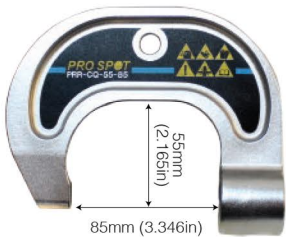
Trigger
Smart trigger system allow operator to stop and hold forward motion by releasing the trigger. Comes in very useful when fine adjustment of alignment is needed. Air/hydraulic system does not have this feature.

Battery Operated
No hassle, no hoses or cords. Uses 18V lithium ion state of the art battery. On board smart system always provide correct hydraulic pressure regardless of battery voltage level.

Deeper Throat
The new Pro Spot PR-5 Arms have throat depths of 55mm (2.165 in) and 240mm (9.448 in) to access more difficult areas of the vehicle.

Light & Strong
The arms have been optimized to be lighter weight while still able to execute the high force required for SPR application.

The final force is NOT dependent on the charge level of the battery. Over 200 rivets per charge.



PRR-CQ-55-85



PRR-CQ-120-80

(optional)



PRR-CQ-240-120

(optional)



Blind Rivet Adapter with enclosed Internal Hydraulic System
Patent Pending

(optional)



Self Piercing Rivets



Flow Form Rivets



Solid Rivets

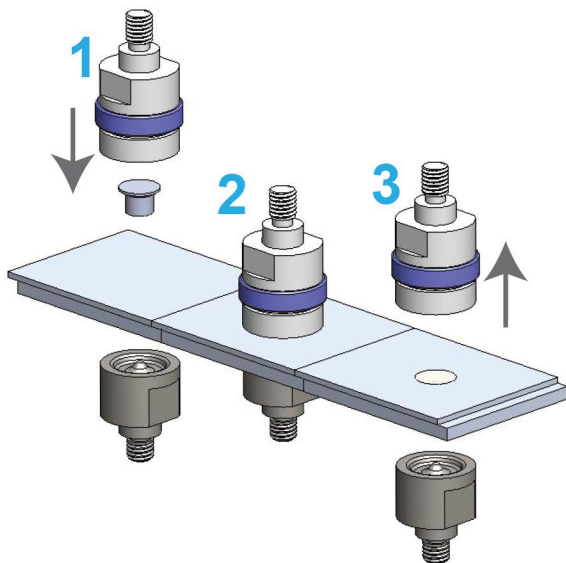


Blind Rivets

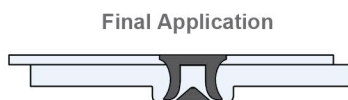
Enhanced Rivet Gun Accessories

Application Procedures

Installing SPR's (Self Piercing Rivets)



1. Align the removal dies in the center of SPR.
2. Complete pressure cycle so the male rivet die pushes the SPR through the base materials into the forming die.
3. Proceed to next rivet.



New features include:

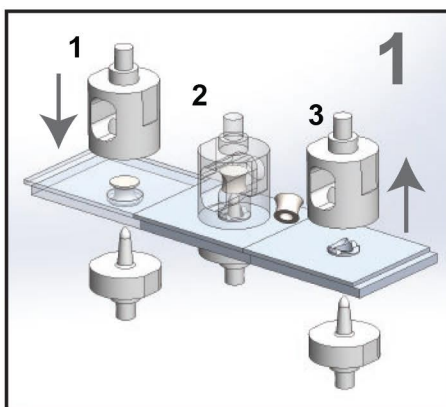
Enhanced Removal Die

The new removal die provides more robust removal of longer rivets (10mm), eliminating jamming and breaking where the previous SPR rivet was located. Using this system, SPR rivets can be removed in a fraction of the time it would take to drill out.

FLOW FORM RIVETS

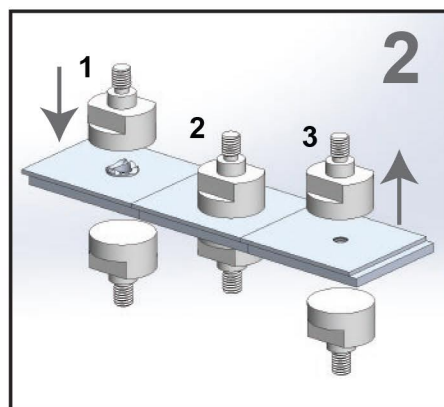
In areas where you cannot fit an adjacent SPR or where repair procedures don't allow it, Flow Form Rivets are the answer. Becoming more popular in repair procedures, Flow Form uses a calibration punch, which allows a Flow Form Rivet to be installed in the same location as the original joint.

Pro Spot's New Flow Form Rivet Process:



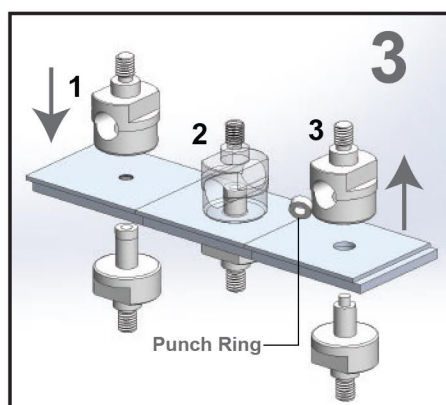
Removal

1. Align the removal dies in the center of SPR.
2. Complete pressure cycle so the male rivet die pushes the SPR into the receiving die.
3. The rivet is now extracted.



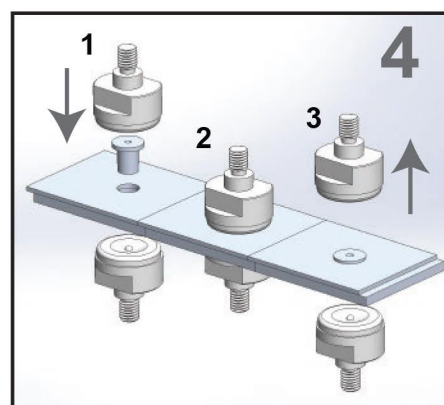
Flattening Procedure

1. Align the flattening dies in the center of hole.
2. Complete pressure cycle so the flattening dies compress the edges of the hole.
3. The area is now flattened.



Punch Calibration Procedure

1. Align the calibration dies in the center of hole.
2. Complete pressure cycle to make exact hole size and collect the punch ring for reuse.
3. The hole is now ready for Flow Form rivet installation.



Installation of Flow Form rivets/solid rivets

1. Align the dies in the center of rivet.
2. Complete pressure cycle so the Flow Form rivet is formed.
3. The installation of the Flow Form rivet is now completed.

PR-5 Options

Optimized Extended Reach Rivet Arms

Pro Spot's new Rivet Gun Arms have been redesigned to be more efficient, ergonomic and more accessible.



Extension Arms & Blind rivet Adapter are optional

Blind Rivet/Rivet Nut Adapter with enclosed Internal Hydraulic System.

- Adapts to Rivet gun in 30 sec.
 - Pivots to any desired position
- PATENT PENDING**

Enhanced SPR Rivet Dies

The Pro Spot SPR (self-piercing rivet) dies have been re-engineered to make the job easier than ever.

For Self-Piercing Rivets



For Removing Rivets



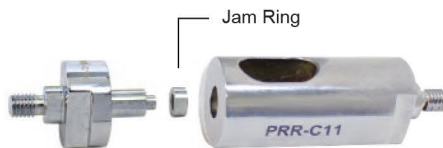
Wrench

For Flattening



PRR-14: Flattening Die

For Calibration Punch



PRR-C10, PRR-C11, PRR-C12: Calibration Dies



PR-5 Die Kit



PR-5 complete system comes with a case