The PR-5 Multi-Function Riveting System combines multiple rivet applications in one versatile unit. The magnetic dies hold the rivets in place, making operation quick and easy. The arms and adapters quickly connect, to efficiently change operations. SMART features include a stop-and-go trigger for accuracy, force control and more.

**ALL IN ONE**
for all your riveting needs

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

**NEW!**
Quick Connect Arm System

**SMART**
Will not perform a bad rivet. On-board 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.

**Totally portable**
Battery operated (lithium ion)
Electric/Hydraulic System
Riveter PR-5

Rivet Gun System

The Pro Spot PR-5 is designed to be the tool of today and tomorrow. The unique design allows for current attachments and adapters for various riveting applications. As the industry and repair demands change, the PR-5 design will allow future attachments to easily be added, making it the one-stop shop for rivet repair.

Features:
- Easy to Use
- Used for Self-Piercing, Flattening and Rivet Removal
- Magnetic Punches for Quick Installation
- Smart Trigger System
- Portable, Battery Operated

Applications:
- Self Piercing Rivets
- Solid Rivets
- Blind Rivets
- Flow Form Rivets
- Rivet Studs
- Rivet Nuts

Technical Specifications

<table>
<thead>
<tr>
<th>Performance Specs:</th>
<th>Force Range: 20-50KN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travel: 45mm</td>
<td></td>
</tr>
<tr>
<td>Typ. Cycle Time: 3-5 sec</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Power Source:</th>
<th>18V Battery (2ea)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging Time: 2 Hrs</td>
<td>Cycles/Charge: ~350 rivets</td>
</tr>
</tbody>
</table>

| Standard Accessories: | Die Set for: SPR, SPR Removal, Flattening Calibrate Hole, Flow Form 55mm C-Arm |

<table>
<thead>
<tr>
<th>Optional Accessories:</th>
<th>Pull Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>120mm depth Arm</td>
</tr>
<tr>
<td></td>
<td>240mm depth Arm</td>
</tr>
<tr>
<td></td>
<td>Custom Sized Arms</td>
</tr>
</tbody>
</table>

Multi-Function Riveting System

Quick Change
Designed to quickly and easily change from one arm to another, saving time and hassle.

Force Adjustment Knob
Set the final pushing force (range: 5kN [1,100lbs] to 50kN [11,000lbs]).

SMART Trigger
Pause forward motion by releasing the trigger, very useful when fine adjustments of alignment are needed. Air/hydraulic systems don’t have this feature.

Battery Operated
No hassle, no hoses and no cords. Uses 18V lithium-ion battery. On-board SMART system always provides correct hydraulic pressure regardless of battery voltage level.

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

Easy Maneuvering Handle
Removable handle designed to easily balance and maneuver the Rivet Gun. The handle can be moved and used on either side.
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
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.

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**

**Blind Rivet Adapter**
Blind rivet Adapter is optional

The Blind Rivet Adapter seamlessly connects to the PR-5 Rivet Gun to allow users to quickly and easily install blind rivets.

**Optimized Extended Reach Arms**

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

**PR-5 Standard Die Kit**

**APPLICATION DIES**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SA-0401</td>
<td>Forming Die, 2.9-4.1mm</td>
</tr>
<tr>
<td>SA-0402</td>
<td>Forming Die, 5-7.1mm</td>
</tr>
<tr>
<td>SA-0399</td>
<td>SPR Holder 5mm Sm Mag</td>
</tr>
<tr>
<td>SA-0400</td>
<td>SPR Holder 5mm Lg Mag</td>
</tr>
<tr>
<td>PRR-17</td>
<td>Forming Die, 3mm</td>
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<tr>
<td>PRR-16</td>
<td>SPR Holder 3mm</td>
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<tr>
<td>PRR-41</td>
<td>Solid Rivet Forming Die 1/4&quot; Dia.</td>
</tr>
<tr>
<td>PRR-40</td>
<td>Solid Rivet Head Die 1/2&quot; Solid</td>
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</tbody>
</table>

**REMOVAL DIES**

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>PRR-11HD</td>
<td>Rivet Removal Die Female 5mm</td>
</tr>
<tr>
<td>PRR-10HD</td>
<td>Rivet Removal Die Male 5mm</td>
</tr>
<tr>
<td>PRR-13</td>
<td>Rivet Removal Die Female 3mm</td>
</tr>
<tr>
<td>PRR-12HD</td>
<td>Rivet Removal Die Male 3mm</td>
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</tbody>
</table>

*Replacement Spring P/N: 90-1491S*

**SA-0401** Forming Die, 2.9-4.1mm

<table>
<thead>
<tr>
<th>Part No.</th>
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</thead>
<tbody>
<tr>
<td>90-1101</td>
<td>Threaded Insert</td>
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<tr>
<td>85-0002</td>
<td>Allen Wrench, 2.5mm</td>
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<tr>
<td>PRR-EXT-25</td>
<td>Die Extender, 25mm</td>
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<tr>
<td>SA-4203</td>
<td>Thread-in Adapter</td>
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<tr>
<td>SA-9015 Rev.F</td>
<td></td>
</tr>
</tbody>
</table>

**NEW**

- Adapts to Rivet Gun in 30 sec.
- Pivots to any desired position
- Enclosed Internal Hydraulic System

Patent Pending