

# PRO SPOT

QUALITY WELDING SYSTEMS

## PR-5 Multi-Function Riveting System

- Force Adjustment Range: 20-50kN
- Magnetic Punches for Quick Installation
- PR-5 **BASIC** and **PRO** Options
- Battery Operated (Lithium-Ion)
- Enhanced Removal Die



### APPLICATIONS:

- Self Piercing Rivets (SPR)
- Rivet Removal
- Solid Rivets
- Flow Form
- Blind Rivets
- Calibrating
- BOM Rivets
- Flattening
- Pin & Collar

# PRO SPOT



Quick Change Design

Force Adjustment Knob

PR-5 Arm 55mm

Lock Nut

**SMART Trigger**

Pause forward motion by releasing trigger, very useful for fine adjustments of alignment

Release Button

On-Board Lithium-Ion Batteries and Charger

## PR-5 BASIC AND PRO PACKAGES

<b>PR-5 BASIC</b>	Carrying Case / Die Kit / Batteries / 1 Arm	<b>PR-5 PRO</b>	Carrying Case / Die Kit / Batteries / 2 Arms / Blind Rivet Adapter
<b>Includes:</b>	Batteries / 1 Arm	<b>Includes:</b>	2 Arms / Blind Rivet Adapter
<b>Part Number:</b>	PR-5-BASIC-FORD PR-5-BASIC-TESLA	<b>Part Number:</b>	PR-5-PRO-FORD PR-5-PRO-TESLA



APPLICATIONS DIES



REMOVAL DIES



**STANDARD DIE KIT**

The standard die kit included with the PR-5 is collection of versatile dies that lend themselves to multiple applications. Changing dies is as easy as turning a screw.

# PR-5 MULTI-FUNCTION RIVETING SYSTEM

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.

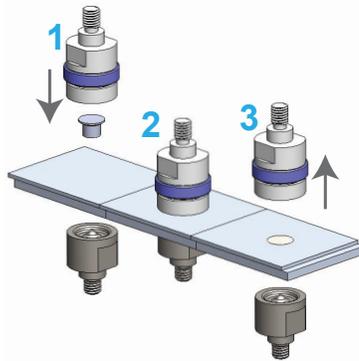
## FEATURES:

- Force Control: 20kN to 50 kN / Smart Trigger System
- Used for Self-Piercing, Flattening and Rivet Removal
- Magnetic Punches for Quick Installation
- Easy Maneuvering Handle / Meets all OEM specs
- Portable / Battery operated (Lithium-Ion)

## APPLICATION PROCEDURES:

### Installing Self-Piercing Rivets (SPR)

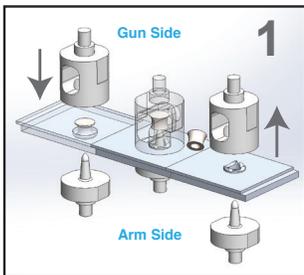
1. Align the removal dies in the center of SPR.
2. Complete pressure cycle so the male rivet die pushes the SPR through the base materials into the forming die.
3. Proceed to next rivet.



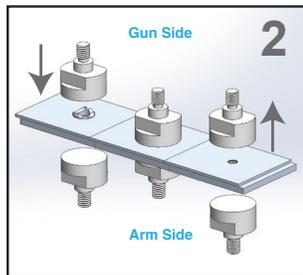
Final Application

### Flow Form Rivets / Solid Rvets Process:

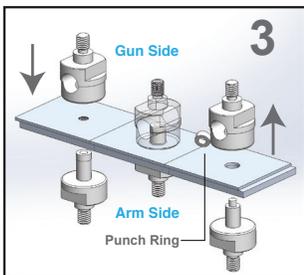
#### Rivet Removal



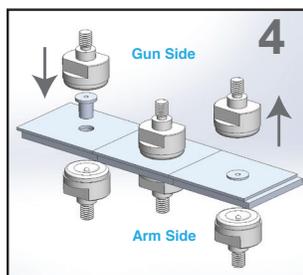
#### Flattening



#### Punch Calibration



#### Rivet Installation



## RIVETING ARMS:

- Quick change design allows arms to be changed in seconds
- Removable handle can be used on the left or right side
- Self-centering feature keeps ram inline
- 360° pivot action around the nose



**PRR-CQ-55-85**  
(Standard)



**PRR-CQ-120-80**  
(Included in PRO Kit)



**PRR-CQ-240-120**  
(Optional)

## BLIND RIVET ADAPTER

With the assistance of a coupler, the patented PR PA20 Blind Rivet adapter enables the PR-5 to set blind rivets at 20kN force.



(Included in PRO Kit)

## EASY MANEUVERING HANDLE

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



## CARRYING CASE



## TECHNICAL SPECIFICATIONS

Performance:	Force Range: 20-50kN
	Travel: 45mm
	Typ. Cycle Time: 3-5 sec
Power Source:	18V Lithium-Ion Batteries (2ea)
	Charging Time: 2 Hrs
	Cycles/Charge: ~350 rivets

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BRO-PR-5-D



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