

# PERRIN

## 2015+ WRX Cam Solenoid Guard Kit

2022-08-22

PSP-ENG-172

Thank you for purchasing this PERRIN product for your car! Installation of this product should only be performed by persons experienced with installation of aftermarket performance parts and proper operation of high performance vehicles. If vehicle needs to be raised off the ground for installation, the installer must use proper jacks, jack-stands and/or a professional vehicle hoist for safety of the installer and to protect property. If the vehicle is lifted improperly, serious injury or death may occur! Please read through all instructions before performing any portion of installation. If you have any questions, please contact our tech department prior to starting installation. We can be reached in any of the following methods:

Email [Tech@PERRIN.com](mailto:Tech@PERRIN.com)

Instant Chat off the main page of [www.PERRIN.com](http://www.PERRIN.com)

Or simply call our tech team at 503-693-1702



**WARNING:** This product can expose you to chemicals including Lead which is known to the State of California to cause cancer birth defects or other reproductive harm. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

### Parts Included with PERRIN Cam Solenoid Guards:

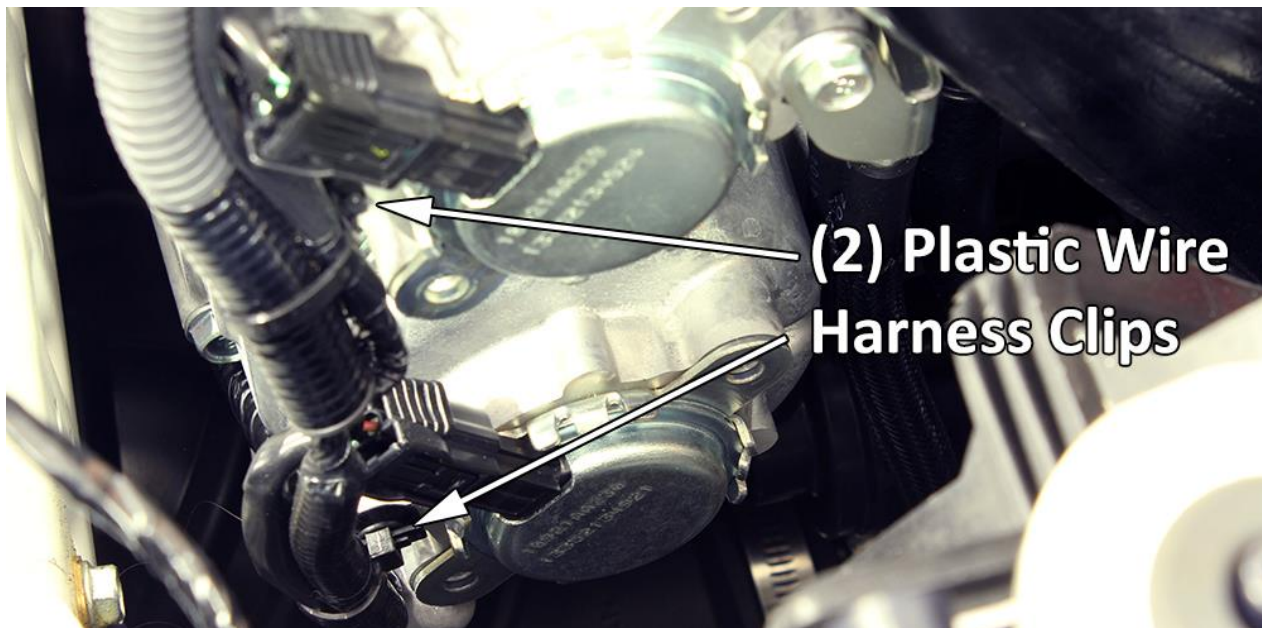
(4)	X-PSP-ENG-170-1BK	Cam Solenoid Guards for FA/FB Engines Black Anodized
(8)	X-BLT-M6X16CS-SS	M6 X 16 Socket Cap Screw SS
(1)	X-BLT-M5KHS-CUT	M5 Short Arm Hex Key with Short Leg Modified

#### WHICH WAY IS THE RIGHT WAY?

In ALL situations, when describing left and right sides of the vehicle it is always as though you are sitting in the driver's seat looking forward.  
Example of a US Market Vehicle: If standing in front of the car, looking at the engine bay, the Drivers side is described as the LEFT side the vehicle.

#### INSTALLATION

1. Locate all (4) cam solenoids (AVCS Solenoids) and remove all (8) M6 bolts securing them to engine.
2. Install PERRIN Cam Solenoid Guards on right side of engine bay using supplied hardware. Tighten bolts to 15ft-lbs.
  - a. For 2015-2021 models, locate wire harness as shown in picture below, and remove plastic clips from engine (pushed into threaded holes) holding wire harnesses. Trim off excess plastic ties hanging off. **NOTE: This step may not be necessary on some cars as the "tail" hanging off may not be long enough to interfere. This step is important to ensure nothing is between engine and Cam Guards.**



- b. For 2022+ models there is nothing to do other than push the wire harness to one side while installing.
3. Install PERRIN Cam Solenoid Guards on left side of engine bay using supplied hardware. Tighten bolts to 15ft-lbs.
    - a. For 2015-2021 models, locate wire harness as shown in picture below, and remove plastic clip from engine (pushed into threaded holes) holding wire harness. Trim off excess plastic tie hanging off. **NOTE: This step may not be necessary on some cars as the "tail" hanging off may not be long enough to interfere. This step is important to ensure nothing is between engine and Cam Guards.**



- b. For 2022+ models, locate plastic wire harness holder as shown in picture below. This is held onto the engine using some built-in one-way plastic fasteners (Christmas tree fasteners). Using proper tools, slowly pry away from the engine taking note of the location of all the plastic one-way fasteners. Once harness is freed from the engine, install PERRIN Cam Solenoid Guards under it. After they are installed, simply push plastic wire harness back into the holes on the engine.



4. Reinstall plastic clips back into the holes they were installed in. If extra plastic wasn't trimmed off enough, they may be slightly hard to install, and additional trimming may be needed.

Questions, Comments and Suggestions Contact: [Tech@PERRIN.com](mailto:Tech@PERRIN.com)  
Visit Our Website for Instant Chat Options at [www.PERRIN.com](http://www.PERRIN.com)  
Call Our Tech Team at 503-693-1702