

Don't let your EV get stopped dead in its tracks due to **grounding** issues.



300% Grounding Improvement

- Improve grounding by 300%+
- Installs using traditional projection weld equipment
- E-coated and painted friendly
- Easy automated installation
- No proprietary installation equipment required
- 3x Stronger than arc-studs
- Can be used with 0.4mm-2.5mm+ panels
- No custom weld tip required

NEW

EGS-Studs



Grounding for a better future!

Production Spring, LLC 248-583-0036 www.production-spring.com

Don't let your EV get stopped dead in its tracks due to **grounding** issues.

Every automotive OEM is introducing electric powered vehicles (EV) to the world market on every platform from sedans to SUVs to heavy-duty trucks to delivery trucks. **Electrical grounding** has never been more important. Maintaining **electrical grounding** is critical to essential functions and road performance of all EVs.

State-of-the-Art vehicles utilize "Fly By Wire" technology for all essential functions, including airbag deployment, gear shifting, engine/ motor performance, infotainment systems, among others. Loss of any of these capabilities due to grounding failures could be catastrophic.

Production Spring has introduced **EGS-Studs**, a **Grounding Solution** that substantially reduces the risk of grounding failure by over 300%.

3 Projection Points

Our solution is very simple; unlike drawn-arc studs, our EGS electrical studs offer **triple projection** points of contact for further strength and grounding contact vs. one. This sheds any concern of studs prematurely falling off when using on thin gauge panels from 0.4mm to 2.50mm+.

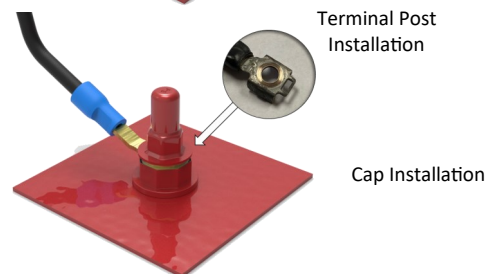
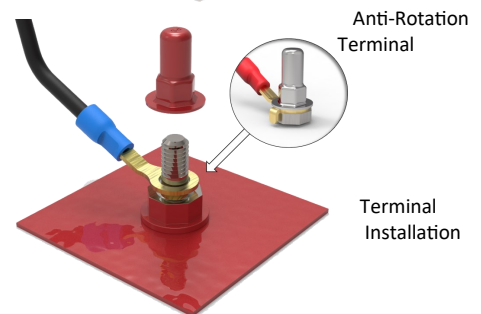
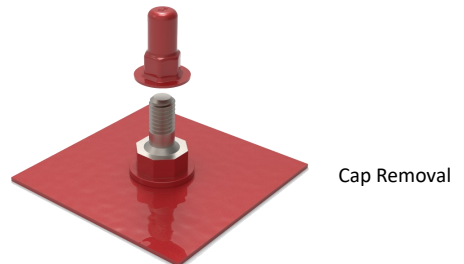
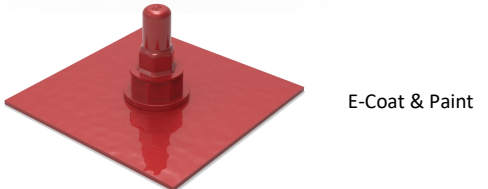
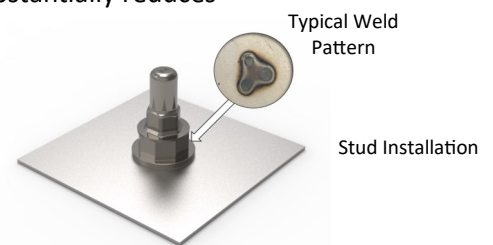
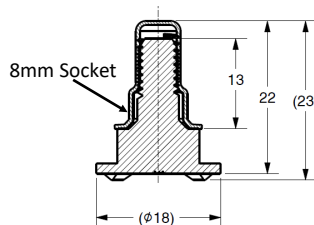
Resistance Welding Works!

Our answer makes use of traditional resistance welding processes to allow for **high-speed** automation installation without costly proprietary drawn-arc equipment.

E-Coat and Paint Compatible

EGS-Studs are fully capable of withstanding many e-coat & paint processes **without fear** of leakage or grounding degradation between the stud and protective cap. The pre-tightened cap **safeguards** the terminal surface during e-coat & paint operations. The terminal surface remains completely clean to obtain the highest level of conductivity.

Available in OEM finishes
Panel range: 0.4mm-2.5mm+
Thread size: M6
Cap installation torque: 9Nm+/-1.5Nm
Cap socket size: M8
Weld tip: Standard
Surface e-coat/paint build-up 0.25mm maximum.



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From Production Spring, LLC 248-583-0036 www.productions-spring.com

Patent Pending