



WSI WELDING SEMINARS



TOPIC: Projection Welding of Fasteners to HOT STAMPED BORON and PRESS HARDENED STEELS

One-Day Classroom and Lab Seminar at WSI

Call WSI at **(844) WSI-WELD [974-9353]** to attend our next seminar.
(International: +1 (216) 475-5629).

Bring your parts and weld them in our lab. Learn how to consistently projection weld fasteners to Hot-Stamped Boron and Press Hardened Steels.

IN THE CLASSROOM:

- Learn the details of the Hot Stamping Process.
- Understand the challenges inherent in Hot-Stamped Boron and Press Hardened Steels.
- Uncover High Current and Contact Resistance weld profiles.
- Chase a changing resistance profile.
- Understand the important differences between Contact Resistance and Bulk Resistance.
- Learn why Fast Follow-up is critical, and how to achieve it depending on the application.
- Discover the importance of Mechanical Dynamics.

IN THE WELD LAB:

- Step-by-step process development for welding your samples or production parts.
- Learn about Weld Fracture Strength Testing as compared to typical resistance welding processes.
- Hands-on challenge: Teams develop weld schedules and compete to prove their processes.
- Weld Monitors: What to monitor and why, and best practices for setup and use.



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