# Pre-Installation Tips and Requirements

- ☐ If replacing older 'legacy' bodies, the mounting hole pattern of the VeriFast™ LVDT will be different than the existing hole pattern. An adapter plate may be required to mount the LVDT body, as the new mounting holes would be drilled too close to the existing ones.

- ☐ Base Mount LVDT weld bodies are approximately 1/2" taller than 'legacy' bodies. Threaded and Tapered mounted LVDT bodies are approximately 1 3/4" taller than 'legacy' bodies.

- ☐ If replacing older 'legacy' or Smart Electrode bodies, ensure that the air, water, and electrical connections of the new LVDT weld bodies will work with the existing equipment. Please consider part, tooling and robot clearance.

- ☐ CenterLine strongly recommends using Air Blow-By, where air is constantly exhausted past the weld pin to prevent weld spatter from accumulating. Please refer to the *"Establishing the Pneumatic Service Connection"* section in the *LVDT User Manual* for additional information.

- ☐ Ensure that the controls solution* is adequate, as follows:
  - □ If using Signal Conditioners, confirm that the analog card has enough analog channels.
  - □ If using VeriFast™ MicroView, ensure that enough digital I/O is available.
  - □ Confirm that the correct number and type of cables are available.

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* For reference, please consult the following documents:

- *VeriFast™ LVDT User Manual* – see section *"Wiring the VeriFast™ LVDT and Signal Conditioner"*.
- *VeriFast™ MicroView User Manual* – see section *"Wiring the Ports of VeriFast™ MicroView"*.