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*For Immediate Release:*

## Electric Vehicle End of Line Test Solutions

**Twinsburg, Ohio, September 14, 2020:** Mustang Advanced Engineering (MAE) designs and manufactures made-to-order test stands for various electric vehicles (EV's), including drivetrains (electric motor, power supply, and inverter) and electric axle testing projects. MAE recently delivered a test stand to Proterra, a leading manufacturer of zero-emission heavy-duty EV's based in California, for end-of-line and/or research and development testing of Proterra's electric drivetrains. The system MAE delivered included a 350 HP regenerative AC dynamometer, 350-700 VDC programmable battery simulator, a cooling circuit with chiller and digital controller, vibration measurement, data acquisition, and MAE's TestCell software package tailored to meet the customer's unique needs.

### ***The Scope of the Project***

For Proterra's South Carolina facility, MAE designed and built a test stand that tests their electrified powerpacks. These tests are under fully loaded conditions and every drivetrain is tested prior to being installed in the vehicle to insure the most stringent quality standards are met prior to the product being delivered to Proterra's customers. MAE provided the capability to flash the drivetrains with the appropriate firmware and test it under in-use conditions. "MAE specializes in making test stands that are made to clients' specific needs, and the Proterra drivetrain test stand demonstrates this expertise. There is no project that is too big or too small for the MAE team" said David Ganzhorn, V.P. Sales.

### ***Features/Benefits***

MAE's EV drivetrain end of line test solutions provided tests that are:

- Fully loaded testing of drivetrains by a regenerative AC dynamometer
- Flashing drivetrains with the appropriate firmware based upon model/barcode
- MAE's TestCell software package configured to Proterra's requirements

Visit [MustangAE.com](http://MustangAE.com) or contact [sales@MustangAE.com](mailto:sales@MustangAE.com) to find out more about Mustang Advanced Engineering and its line of Electric Vehicle testing solutions.

### ***About MAE***

Mustang Advanced Engineering is a leading supplier of advanced, custom engineered testing and measurement systems. Located in Twinsburg, Ohio since 1986, MAE delivers world-class testing solutions, custom design support, technical assistance, backed by a dedicated factory service team, making them a trusted source of expertise for the global industrial market. Visit [MustangAE.com](http://MustangAE.com) for more information. Follow them on Facebook, Twitter, LinkedIn, and Instagram.



*EV drivetrain test cell*

