

BR-16-92-007 R11 May 28, 2020		Tesla, Inc. Body Repair Technical Note
Model:	Vehicle System:	Region:
All	92 - Tools and Equipment	All

Approved Welders

Body Repair Tech Notes provide information about Tesla-approved methods and practices for body repair. These instructions assume knowledge of motor vehicle and high voltage electrical component repairs, and should only be executed by trained professionals. Tesla assumes no liability for injury or property damage due to a failure to properly follow these instructions or for repairs attempted by unqualified individuals.

This Body Repair Tech Note supersedes BR-16-92-007 R10, dated 13-May-20. Each content change is marked by a vertical line in the left margin. Discard the previous version and replace it with this one.

Use only approved welders for welding during structural repairs on Tesla vehicles.

WARNING: Using non-approved welders might compromise the integrity of the repair and vehicle safety.

WARNING: To maintain vehicle crash integrity, use only the welding wires specified in [BR-15-92-010](#), "Approved GMA Welding Wire for Structural Repairs" to perform GMA welding on Tesla vehicles.

WARNING: Failure to follow all welding safety precautions, including the use of personal protective equipment, could result in serious injury or property damage. Only technicians who have successfully met Tesla's requirements for welding training are authorized to weld structural components on Tesla vehicles.

CAUTION: To ensure proper welder performance, technicians must be trained on the use and maintenance of Tesla-approved equipment.

Gas Metal Arc (GMA) Welders

The gas metal arc (GMA) welders listed below are approved for aluminum and steel GMA welding during structural repairs on Tesla vehicles:

Manufacturer	Approved GMA Welders	Approved for			
		Model S	Model X	Model 3	Model Y
Cebora	• Jaguar Sound MIG 2060/MD (Model 302)	✓	✓	✓	✓
	• Jaguar MIG E200/MD (Model 321)	✓	✓	✓	✓
	• Sound MIG 2060/MD (Model 301)	✓	✓	✓	✓
	• Sound MIG 2740/T Star Pulse (Model 307)	✓	✓	✓	✓
	• SynStar 330TC (Model 386)	✓	✓	✓	✓