

MIG BRAZING THEORY

BRZ01e

During GMA (MIG) welding, the properties of high-strength steel (HSS) will change, due to the heat created by the welding process. MIG brazing allows the heat-affect zone to be minimized and reduces the impact on the steel's protection.

To help collision repair technicians fully understand the applicability and uses of MIG brazing, this online course addresses multiple OEM-specific processes, ensuring technicians are brought up to speed in the classroom, rather than on the job. This course will also help repair facilities begin preparing for the increased volume they will see in the near future of HSS vehicles that will require MIG brazing repairs

Course Content

The MIG Brazing Theory course is designed to provide technicians with a basic understanding of the MIG brazing process. This course covers:

- Personal safety and vehicle protection
- What MIG brazing is
- Advantages of using MIG brazing
- MIG brazing equipment
- MIG brazing techniques
- Joint configurations
- MIG brazing testing

There is a posttest upon completion of this course.

Recommendations

- Steel GMA (MIG) Welding Theory (WCS06e)
- Hazardous Materials, Personnel Safety, and Refinish Safety (WKR01)

Registration

To register for MIG Brazing Theory (BRZ01e), visit the I-CAR website at www.I-CAR.com or contact I-CAR Customer Care at 800-422-7872.

Course Benefits

Enhanced Knowledge

- Deeper understanding of the MIG brazing process, including MIG brazing equipment, techniques and advantages

Improved Quality

- Foundation knowledge supports enhanced technical skill
- Learn safety and protection practices during the brazing process
- Understanding joint characteristics and MIG braze testing and dressing

Marketability


- Be prepared for the increase in vehicles requiring MIG brazing

Credit Hours: 1 hour

Estimated Duration: 1 hour

Format: Online training with posttest

Meets I-CAR ProLevel® or annual training requirements for the following roles:

-  ESTIMATOR
-  PRODUCTION MANAGEMENT
-  STEEL STRUCTURAL TECHNICIAN
-  NON-STRUCTURAL TECHNICIAN
-  AUTO PHYSICAL DAMAGE APPRAISER

BRZ01e does not currently fulfill credit toward any state mandated claims representative Continued Education Units (CEU).



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