

# MIG BRAZING HANDS-ON SKILLS DEVELOPMENT

BRZ02

As MIG brazing grows in popularity with OEM's, collision repair technicians and shops need to be ready to handle an increase in HSS/UHSS on vehicles that require this process. To best prepare collision repair shops and technicians on proper MIG brazing techniques, MIG brazing Hands-on Skills development (BRZ02) strongly emphasises hands-on learning. Featuring hands on practice, coaching and interaction with the instructor, participants can expect personal engagement with readily applicable knowledge and skill development to produce quality, repeatable MIG brazing repairs.

## Course Content

### Instruction

Students will be provided information on:

- MIG Brazing theory
- MIG Brazing applications
- MIG Brazing equipment requirements
- MIG Brazing joint setups

### Hands-On Practice and Coaching

Following the instructor-led training, students will apply their knowledge through hands on practice, with one-on-one coaching with a trained instructor. Through the progression of this portion of training students will become more proficient in making five MIG brazed joints: slot on lap, plug on lap, double plug on lap, open butt joint and butt joint with backing. All of these will be made in both the vertical and overhead positions on 16 gauge and 22 gauge automotive grade, zinc coated steel.

### Evaluation

The final phase of the training will be a short written post test. The questions will be based on the skills learned during the hands on practice.

## Recommendations

Students are strongly encouraged to complete the online course MIG Brazing Theory (BRZ01e) prior to taking this course. Additionally although MIG Brazing is not welding there are some similarities to GMA (MIG) welding. It is recommended that students have a basic understanding of the GMA (MIG) welding process, including the equipment used and the safety precautions required.

## Registration

To register for MIG Brazing Hands On Skills Development (BRZ02) click [here](#) or visit [www.i-car.com.au](http://www.i-car.com.au)

## Course Highlights

Points: 0

Estimated Duration: 4 Hour

Format: Hands on Skills Development

Meets the I-CAR training requirements for the following roles:



STEEL STRUCTURAL TECHNICIAN



NON-STRUCTURAL TECHNICIAN

After completing this course, you will be able to:

### Reduce Liability

- Trained for quality, safe MIG brazing contributing to reduced risk
- Ensure proper equipment setup, tuning and techniques

### Improve Productivity & Increase Quality

- Ability to repair faster resulting in improved touch time
- Improved technician skill for better quality

### Marketability

- Demonstrates commitment to safety a high value to consumers
- Ability to handle the latest vehicle trends and materials

### Improve Skills

- Emphasis on technique and procedures
- One on one coaching based on technician skill level
- Meet visual and destructive testing criteria
- Understand the difference between MIG welding and MIG brazing
- Understand the applicability of MIG Brazing in repairs

