BLUEPRINTING PROCESS AND DAMAGE DISCOVERY

BLU01

Minimising supplements while increasing productivity, this is what the blueprinting process is designed to do. Uncovering hidden damage before the vehicle enters the production cycle can lead to a more accurate damage report, resulting in reduced repair times and improved efficiency. This course defines the blueprinting process, goes beyond the disassembly of damaged parts and writing estimates and demonstrates how quick checks and other damage discovery processes can streamline efficiencies through a standardised approach to all vehicles.

Course Content

The course opens in a classroom setting with a brief overview of the blueprinting process. Students will then participate in an initial inspection on a damaged vehicle and use clues gathered from a customer interview to learn more information. Students will also takeaway the "Vehicle Check-In Form" and the "Customer Interview Questionnaire" to use in their own place of business when facilitating an inspection.

The class will then begin the damage discovery process on the now disassembled vehicle. Students will confirm which areas are in fact damaged, as well as identify any hidden damage that was previously not identified. Students will examine what indicators to look for when identifying damage from structural damage indicators all way to broken clips and fasteners. In this section of the class, students will refer to vehicle maker repair information needed for discussions on repair options.

Students will also perform quick checks on the disassembled vehicle to identify suspension and structural damage. The "Suspension Quick-Check Measurement Sheet" will be distributed to help students identify where additional measurements may be needed and which suspension parts may be bent. Information on steel strength, sectioning procedures and three-dimensional measuring will also be covered.

After the damage discovery on the vehicle has concluded, the class will spend time discussing some options for how they can implement the blueprinting process or improve on their existing process.

Recommendations

This class is the culmination of previous damage analysis courses and the knowledge learned in those courses is extremely important in the blueprinting process. The following I-CAR courses are recommended:

- Aluminium Panels and Structures Damage (DAM05)
- Steering and Suspension Damage Analysis (DAM06)
- Damage Analysis of Advanced Automotive Systems (DAM07)
- Advanced Material Damage Analysis (DAM08)
- Steel Structure Damage Analysis (DAM12)
- Overview of Cycle Time Improvements for the Collision Repair Process (CYC01)

Registration

To register for Blueprinting Process and Damage Discovery (BLU01) click here or visit www.i-car.com.au

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Course Highlights

Points: 1

Estimated Duration: 5 Hours

Format: Classroom & Workplace

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


ESTIMATOR


NON-STRUCTURAL TECHNICIAN


ASSESSOR

After completing this course, you will be able to:

- Clearly define the blueprinting process
- Demonstrate how blueprinting contributes to accurate damage assessments
- Understand how the blueprinting process improves operational efficiencies
- Recognise the considerations for implementing the blueprinting process
- Understand different quick check procedures and methods for uncovering hidden damage
- Understand the benefits of performing a teardown as part of the damage discovery process

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