

# CORROSION PROTECTION

CPS01

**With the different types of corrosion protection materials available, what is the best approach for restoring corrosion protection to a vehicle during the repair process? An understanding of manufacturer processes, as well as considerations during and after the repair can hold the key to ensuring that you'll be able to provide the vehicle owner with the satisfaction of a lasting repair.**

## Course Content

### Module 1— Corrosion Origins and Prevention

The first module of the course will introduce the student to different causes of corrosion and the OEM corrosion protection process. The student will also learn how to take steps to prevent corrosion during the repair and the likely consequence if corrosion protection is not restored.

### Module 2— Corrosion Protection during Repairs

As the course continues, the student will learn about the considerations around properly preparing parts for corrosion protection coatings, including differences when preparing OEM supplied parts, aftermarket parts and recycled parts. The student will also learn about the role and application of different types of weld-through primer, epoxy primer and self-etching primer. The function of seam sealers will be discussed, as well as how to choose the correct type for matching the original application during collision repairs. The student will also review the function of chip-resistant coatings, how to identify the location of these coatings and how to replace them during collision repairs.

### Module 3—Corrosion Protection after Repairs

The course continues with an examination of the steps required to determine where to apply anti-corrosion compounds and under coatings. Information is provided to help the student

determine how to choose the types of anti-corrosion materials to apply.

### Module 4—Vehicle Maker Recommendations

In the final module, the student will gain an explanation of what an OEM may cover in its corrosion protection warranty. This module will also list specific OEM corrosion protection recommendations and include material that it covers the different recommendations.

## Recommendations

This course covers a variety of topics associated with corrosion protection during the collision repair process. A foundation in collision repair topics is recommended. Courses that are helpful include:

- Fundamentals of Collision Repair (FCR01)
- Steel Unitised Structure Technologies and Repair (SPS07)

## Registration

To register for Corrosion Protection (CPS01) click [here](#) or visit [www.i-car.com.au](http://www.i-car.com.au)

## Course Highlights

Points: 1

Estimated Duration: 4 Hours

Format: Classroom & Virtual

Classroom

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

-  ESTIMATOR
-  STRUCTURAL TECHNICIAN
-  REFINISH TECHNICIAN
-  ASSESSOR

**After completing this course, you will be able to:**

- Recognise causes of corrosion protection and understand the corrosion protection process of different manufacturers
- Understand anti-corrosion coatings for collision repair
- Identify the steps required in determining where to apply anti-corrosion compounds and undercoats
- Understand the considerations for properly preparing parts for corrosion protective coatings
- Explain how to apply corrosion protection materials
- Identify the location and function of chip resistant coatings and how to apply them
- Identify seam sealer characteristics and applications
- Identify different corrosion protection recommendations from the different OEM's

