

RACK AND PINION AND PARALLELOGRAM STEERING SYSTEMS

STE03

With vehicle handling directly tied to customer satisfaction, proper steering systems repair is a huge focus for both drivers and repairers.

STE03 uses HD-quality videos, detailed photography and classroom discussions to give repairers the deep understanding of steering, from wheel to column, rack and pinion to parallelogram, to reduce comebacks and improve CSI.

Course Content

Module 1— Steering Wheel and Column

The course opens with an introduction to steering wheel and column parts and safety features. The students will learn procedures for steering wheel removal and installation as well as repair recommendations through detailed imagery and instructor-led discussions.

Module 2— Parallelogram Steering Systems

The second module of the course continues with a look into the operation of parallelogram steering systems and operation. The student will receive information on inspection and installation of various parts in parallelogram steering systems. Descriptive photography will aid in illustrating concepts in this module.

Module 3—Rack and Pinion Steering Systems

HD-quality videos and instructor-led discussions in the third module focus on an overview of rack and pinion steering systems. The student will learn about different rack and pinion parts as well as inspection procedures relating to each type.

Module 4—Power Steering

The course concludes with presentation, images and videos depicting information on power steering and considerations for repair. Other topics in this module include inspection and diagnostic methods used for damage analysis.

Registration

To register for Rack and Pinion and Parallelogram Steering Systems (STE03) click [here](#) or visit www.i-car.com.au

Course Highlights

Points: 1

Estimated Duration: 4 Hours

Format: Classroom

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



ESTIMATOR



NON-STRUCTURAL TECHNICIAN



ASSESSOR



STRUCTURAL TECHNICIAN



ALUMINIUM TECHNICIAN



ELECTRICAL/ MECHANICAL TECHNICIAN

After completing this course, you will be able to:

- Identify parts of steering wheel and column systems
- Know how to diagnose steering wheel and column damage
- Identify parallelogram steering systems and operation
- Identify rack and pinion steering systems and understand surrounding inspection and repair considerations
- Analyse collision damage to power steering and understand surrounding repair considerations

