

Engine Performance



School: SoCal ROC

Course ID: 551

Availability: Call 310-224-4200

Weight: 0.00kg

Dimensions: 0.00cm x 0.00cm x 0.00cm

Short Description

Learn the tools of an engine.

Description

This course covers the introduction, theory of operations, and basic diagnostic procedures required to restore engine performance to vehicles equipped with complex engine control systems. Content includes electronic engine control systems, the diagnostic process used to locate engine performance concerns, and procedures used to restore normal operation. Topics include an overview of engine operation, ignition components and systems, fuel delivery, injection components and systems, and emission control devices, as well as currently used fuels and fuel systems, exhaust gas analysis, emission control components and systems, OBD II (on-board diagnostics), and inter-related electrical/electronic systems. Upon completion, students will be able to describe operation and diagnose/repair basic ignition and fuel and emission related drivability problems using appropriate test equipment/service information. Students also will diagnose and repair complex engine performance concerns.

Prerequisites

432 hours of previous coursework in Automotive Repair

On the Job Training

No

UC Credit

No

Course Locations
SoCal ROC

Address: 2300 Crenshaw Blvd., Torrance, CA 90501 U.S.

Phone: 310-224-4200