



**AUTOTECH**

# Course Descriptions

## Proper Steering and Suspension Repair Techniques **NEW – Available July 2025**

Course No: 7505

Modern vehicle engineering and design, especially in steering and suspension systems, have become increasingly complex. Proper installation procedures are now critical. Adhering to manufacturer repair guidelines, including correct torquing, replacing torque-to-yield bolts, and using properly designed components, is essential to avoid dissatisfied customers and safety issues.

This course covers testing, diagnosing, and repairing suspension components. Following industry-accepted procedures ensures vehicle safety and reliability, while improper installation can lead to safety concerns. Additionally, vehicles with Advanced Driver Assistance Systems (ADAS) may require recalibration after component replacement, and it is crucial to know when this is needed.

Recommended for B and C technicians

- *Do all the bolts need to be replaced?*
- *Does it really matter what type of part is installed?*
- *Should all the bolts be torqued?*
- *Does the alignment need to be done after part replacement?*
- *I installed all of the parts correctly, why do I have a pull?*

