

Open Awards Qualification Unit



This unit forms part of a regulated qualification.

1 Unit Details

Unit Title:	Introduction to Steering and Suspension
Unit Reference Number:	F/615/9355
Level:	Level 1
Credit Value:	4
Minimum GLH:	40

2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Be able to work safely	1.1 Use safe working practices when working on vehicle steering and suspension systems
2. Know how to remove and replace road wheels	2.1 Remove and replace road wheels with special attention to: a) Safe jacking procedure b) Use of correct jacking points c) Use of axle stands d) Use of torque wrench.
3. Know about steering systems	3.1 Identify and locate main components of a non-power-assisted vehicle steering system
	3.2 Identify and locate main components of a power assisted vehicle steering system
	3.3 Check steering systems for excessive wear and identify key findings
	3.4 Remove and replace track rod end
	3.5 Check and adjust front wheel alignment
	3.6 Check power assisted steering systems for leaks
	3.7 Follow correct procedure to check and top-up power assisted steering fluid level

4. Know about suspension systems	4.1	Identify and locate the main components of a vehicle suspension system
	4.2	Check suspension system for excessive wear and identify key findings
	4.3	Remove and refit front or rear suspension damper
5. Be aware of environmental considerations	5.1	Demonstrate appropriate ways to dispose of waste products in accordance with environmental guidance