

# Open Awards Qualification Unit



This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	Introduction to Vehicle Transmission Systems
Unit Reference Number:	L/615/9360
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 practice when working on vehicle transmission systems
2. Know vehicle transmission layouts	2.1 Identify vehicle transmission layouts as: <ul style="list-style-type: none"> <li>a) Front engine front wheel drive</li> <li>b) Front engine rear wheel drive</li> <li>c) Mid engine rear wheel drive</li> <li>d) Front engine four wheel drive</li> </ul>
3. Know about vehicle gearboxes	3.1 Identify the location of the clutch, gearbox and final drive on a vehicle
4. Be able to carry out routine maintenance on vehicle drivelines	4.1 Identify the location of the torque converter, gearbox and final drive on a vehicle
5. Know the components of a manual clutch assembly	5.1 Identify, from samples, the main components of a manual clutch assembly including: <ul style="list-style-type: none"> <li>a) Clutch plate</li> <li>b) Cover assembly</li> <li>c) Thrust bearing</li> </ul>
	5.2 Correctly assemble and align a manual clutch assembly onto an engine flywheel
6. Know how manual and automatic transmission systems are lubricated	6.1 Identify from appropriate data the lubricants used in manual transmission systems

	6.2	Identify from appropriate data the lubricant use in automatic transmission systems
	6.3	Perform a check and top up lubricant level/s in a manual transmission system
7. Be aware of environmental considerations	7.1	Demonstrate appropriate ways to dispose of waste products in accordance with environmental guidance