



INSTITUTE OF THE  
MOTOR INDUSTRY

IMI ACCREDITATION

# FAST FIT

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## What is IMI Accreditation?

IMI Accreditation is a practical, non-academic way to demonstrate individual capability, providing independent proof of current competence, knowledge and skills.

Focused on the Light Vehicle area of the automotive sector, IMI Accreditation encompasses everyone within this area, from individuals working directly on vehicles to those advising customers or managing a dealership. Three different types of accreditation reflect the diverse range of roles within the motor industry: Technical, Customer Facing and Management

Accreditation typically takes just one day to achieve (depending on the specific route), with individuals assessed against industry-agreed standards. Each accreditation route is designed using best practice techniques, and offers multiple career development options for a specific job role.

## Accreditation is available for the following routes:

- Technical
  - Air Conditioning
  - Autoglazing
  - Cosmetic Repair
  - Digital Audio Broadcasting
  - Electric Vehicle
  - Fast Fit
  - Light Vehicle Maintenance & Repair
  - Light Vehicle Inspection
  - Mechanical Electrical Trim
  - Motorcycle
  - Paint
  - Panel
  - Roadside
  - Vehicle Damage Assessor
- Customer Facing
  - Customer Service
  - Parts
  - Sales
- Management
  - Management

Once an individual has passed all the required practical and knowledge-based modules in a specific route, they will receive a certificate of achievement which is valid for three years.



## IMI Accreditation benefits

IMI Accreditation was created to help the motor industry keep on top of constant, rapid changes in technology, legislation and working methods, by encouraging and measuring the current competence, knowledge and ability of those working within it. By providing proof of current competence, IMI Accreditation benefits both individuals and their employers.

Those gaining accreditation receive:

- An IMI Accredited certificate
- Inclusion on IMI Professional Register
- Industry-wide recognition of their skills and abilities
- Confidence
- Advice and guidance for development
- An opportunity for career progression

While the employer of an accredited individual benefits from:

- Confidence in the individual's ability
- Eligibility for British Standard/DVSA requirements (depending on routes)
- Increased customer visibility on the IMI Professional Register
- Higher work output and fewer mistakes
- Public confidence in abilities

## Industry Recognition through the IMI Professional Register

The IMI Professional Register is an industry-wide database of professionals in the motor industry. The Register is promoted to consumers as a place to find trustworthy professionals who have proven their skills and competence within specialist areas of the industry. IMI Accredited individuals are automatically included on the IMI Professional Register.

## Routes to Accreditation

There are two routes to gaining IMI Accredited status: Full Assessment, and Conversion\*. Full Assessment involves the completion of all practical and knowledge-based assessments at each level. Conversion enables an individual to use existing qualifications to gain exemption from specific modules.

IMI Accreditation continually evolves to meet the changing needs of the industry, with each accreditation valid for three years, after which time an individual is required to undertake a new assessment either at the same level, next career level or a different route in order to prove their current competence.

IMI Accreditations are delivered through the IMI approved centre network, and you can find your nearest centre or explore assessment routes at [www.theimi.org.uk/awarding](http://www.theimi.org.uk/awarding)



### Further Information

For further information on any of the accreditation routes, please visit [www.theimi.org.uk/accreditation](http://www.theimi.org.uk/accreditation) Alternatively call 01992 511521 to contact IMI directly.

### Who is the Fast Fit route for?

The IMI Fast Fit route is intended for technicians whose job role involves the repair and maintenance of light vehicles.

There are two levels within Fast Fit:

- **Technician**

The technician should be working in the fast fit sector of the industry and ideally have at least six months experience to ensure they are familiar with the skills, knowledge and techniques required to repair vehicles using fast fit activities such as the repair / replacement of tyres, batteries and rotating electrical components.

- **Service Technician**

The technician should be working in the fast fit sector of the industry and ideally have at least two years experience to ensure they are familiar with the skills, knowledge and techniques required to repair vehicles using fast fit activities such as the repair / replacement of tyres, batteries and rotating electrical components plus be able to service and maintain light vehicles and its systems within the manufacturer guidelines.

### Fast Fit Route Structure

Those wishing to achieve IMI accreditation will be required to use the following method:

- **Full Assessment**

For those wishing to retain their accreditation there are two options, these are:

- **Full Assessment**
- or
- **AOM Update**

**Note:** In order to re-accredit using 'AOM Updates' (Assessed Outcome Modules) the candidate's accreditation must remain valid throughout the assessments and until all of the prescribed AOMs have been passed. Should the accreditation expire beforehand, the candidate will be required to re-take a 'full assessment'.



<b>Technician</b>	<b>Full Assessment</b>
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This level requires the technician to complete the following modules:

Tyres	AOM 145
Battery and Related Components	AOM 146
Four Wheel Alignment	AOM 147
Customer Liaison	AOM 148
Visual Vehicle Appraisal	AOM 149

This will normally be a one-day assessment.

<b>Service Technician</b>	<b>Full Assessment</b>
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This level requires the technician to complete the following modules:

Four Wheel Alignment – interpretation of data	AOM 013
Vehicle Inspection	AOM 061
Tyres	AOM 145
Customer Liaison	AOM 148
Exhaust Systems	AOM 150
Braking Systems	AOM 152
Computer Based Test Equipment	AOM 153

This will normally be a one-day assessment.

**Note:** The shaded area indicates that this is a knowledge only assessment.



**Technician**

**AOM Update** Reaccreditation only

This level requires the technician to complete the following modules:

Battery and Related Components	AOM 146
Visual Vehicle Appraisal	AOM 149

This may either be achieved through a one-day assessment or may be spread over the duration of the individual's existing IMI accreditation.

**Service Technician**

**AOM Update** Reaccreditation only

This level requires the technician to complete the following modules:

Vehicle Inspection	AOM 061
Computer Based Test Equipment	AOM 153

This may either be achieved through a one-day assessment or may be spread over the duration of the individual's existing IMI accreditation.



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<b>Accreditation Module Title</b>	Four Wheel Alignment - Interpretation of Data
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<b>Module Code</b>	ATA - AOM - 013
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<b>Practical Assessment Time</b>	0.75 hour
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<b>On-line Knowledge Test</b>	K - 013
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<b>IMI AOM Level</b>	3
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<b>Module Overview</b>	
<p>This module is to assess the competence of the candidate's knowledge, skill and ability to interpret data from a vehicles four wheel alignment / geometry report.</p> <p>The candidate will be required to review the measurement data obtained from a vehicle, (This data will be presented to the candidate) and to compare against the vehicle manufacturer specification and diagnose possible vehicle faults and make recommendations on the methods used to rectify the faults.</p>	

<b>Candidate Profile</b>	
<p>The technician should be working in the light vehicle sector of the industry and have at least three years experience to ensure they are familiar with the skills, knowledge and techniques required to replace various components, including returning vehicle systems to manufacturer specification and diagnosing system faults.</p>	

<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Service Technician
Light Vehicle Maintenance and Repair	Diagnostic Technician
MET	Senior Technician



Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Show an understanding of the requirements for performing the vehicle alignment pre-checks (i.e. correct ride height / loading)
1.2	Obtain the alignment target data from the vehicle manufacturer for the model.
1.3	Use wheel alignment measurement data previously recorded to diagnose and document the required actions to rectify / adjust the vehicle rear geometry settings to specification.
1.4	Use wheel alignment measurement data previously recorded to diagnose and document the required actions to rectify / adjust the vehicle front geometry settings to specification.
1.5	Show appropriate knowledge for the correct deployment and use of Personal Protection Equipment (PPE) and follow health and safety procedures.
1.6	Work within given time constraints

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Steering system types including rack and pinion, steering boxes
2.2	Principles of wheel alignment inc. Ackerman principle
2.3	Steering system components and their operation
2.4	Power steering types, including hydraulic, electro hydraulic, electric
2.5	Wheel alignment: Steering Angle Inclination (SAI) / King Pin Inclination (KPI), caster, camber, thrust line, individual toe, toe in/out, wheel set back, wheelbase and track width. Toe-out on turns
2.6	Procedures and techniques used to check and adjust wheel alignment
2.7	Tools and equipment used to check and adjust wheel alignment
2.8	Interpretation of car manufacturer's wheel alignment data
2.9	An understanding of additional vehicle components (Steering Angle Sensor) associated with alignment adjustment specified by the vehicle manufacturer
2.10	Personal Protection Equipment (PPE) and Health and Safety procedures associated with wheel alignment activities.



<b>Accreditation Module Title</b>	Vehicle Inspection
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<b>Module Code</b>	ATA - AOM - 061
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<b>Practical Assessment Time</b>	0.75 hour
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<b>On-line Knowledge Test</b>	K - 061
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<b>IMI AOM Level</b>	2
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<b>Module Overview</b>	
<p>This module is to ensure that the candidate has the ability to carry out a vehicle inspection(s) using a logical method / routine, using the appropriate workshop tools and equipment.</p> <p>The candidate will be able to identify the processes / techniques needed to rectify system faults and recommend any actions required for repair.</p>	

<b>Candidate Profile</b>	
<p>The technician should be working in the light vehicle sector of the industry and ideally have at least two years experience to ensure they are familiar with the skills, knowledge and techniques required to service, maintain and repair vehicles.</p>	

<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Service Technician
Light Vehicle Maintenance and Repair	Service Maintenance Technician



Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Ensure that the vehicle systems are working and roadworthy
1.2	Complete the documentation using either hand written or electronic formats to enable clear communication to others
1.3	Carry out a basic inspection of vehicle component(s) when fitted to the vehicle to ensure that they operate as intended by the vehicle manufacturer
1.4	Identify components and their location on the vehicle
1.5	Carry out a basic inspection of a vehicles body / structure and determine its roadworthiness
1.6	Use Personal Protection Equipment (PPE)
1.7	Follow health and safety guidelines
1.8	Work within given time constraints

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Heating Ventilation Air Con (HVAC) within a motor vehicle
2.2	Wheel alignment within a motor vehicle
2.3	Suspension system used within a motor vehicle



<b>Accreditation Module Title</b>	Tyres
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<b>Module Code</b>	ATA - AOM - 145
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<b>Practical Assessment Time</b>	0.75 hour
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<b>On-line Knowledge Test</b>	K - 145
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<b>IMI AOM Level</b>	2
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<b>Module Overview</b>	
<p>This module is to assess the candidate's knowledge, skill and ability to inspect, remove, repair and replace wheels / tyres to the appropriate industry standards, ensuring that they comply with legal requirements.</p> <p>The candidate will need to access vehicle information applicable to the task of tyre repair and replacement, such as any legal and manufacturer (vehicle and component) requirements using industry recognised equipment, such as tyre changing and wheel balancing equipment.</p>	

<b>Candidate Profile</b>	
<p>The technician should be working in the light vehicle sector of the industry and ideally have at least three months experience to ensure they are familiar with the skills, knowledge and techniques required to inspect, remove, repair and replace the vehicles components to industry standards.</p>	

<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Technician
	Service Technician
Roadside	Tyre Technician

Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Accurately use a tyre tread depth gauge
1.2	Correctly inspect tyres fitted to vehicle
1.3	Raise, support and lower the vehicle correctly
1.4	Remove punctured tyre / wheel from vehicle correctly
1.5	Locate a puncture correctly using appropriate means
1.6	Correctly remove tyre from wheel rim
1.7	Remove and refit valve from / to wheel correctly
1.8	Inspect tyre / wheel / associated components for damage / corrosion
1.9	Repair puncture to BS 159 requirements
1.10	Refit tyre to wheel correctly
1.11	Access correct information for the applicable vehicle
1.12	Inflate tyre correctly to recommended pressure
1.13	Ensure wheel and tyre dynamically balanced correctly
1.14	Carry out correct fitment of wheel balance weights to type of wheel rim / tyre
1.15	Inspect vehicle components during the wheel removal for wear / damage (inc fixings / steering / suspension / brakes)
1.16	Carry out refitting of wheel to vehicle correctly
1.17	Use a torque wrench correctly to tighten wheel bolts / nuts
1.18	Carry out removal / re-fitment of run flat tyre competently
1.19	Correctly present the vehicle after work is completed
1.20	Use hand tools and equipment correctly to carry out tyre / wheel activities
1.21	Complete task within a given time period

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Different types of gas used to inflate tyres
2.2	Tyre and wheel rim construction and markings
2.3	Fitment of asymmetric / directional / multi-compound tyres
2.4	Tyre pressure sensor systems – including identification and any reset procedures required for vehicle



<b>Accreditation Module Title</b>	Battery and Related Components
<b>Module Code</b>	ATA - AOM - 146
<b>Practical Assessment Time</b>	0.75 hour
<b>On-line Knowledge Test</b>	K - 146
<b>IMI AOM Level</b>	2
<b>Module Overview</b>	<p>This module is to determine that the candidate is able to use industry recognised equipment to inspect, check and replace electrical components such as vehicle low voltage batteries, starter motors and charging components (alternators).</p> <p>The candidate will also be able to use the applicable vehicle information to locate components to carry out visual / basic checks to determine the functionality of a component.</p> <p>The candidate will be required to ensure that they follow all appropriate health &amp; safety procedures and wear the necessary Personal Protection Equipment during the assessment.</p>
<b>Candidate Profile</b>	<p>The technician should be working in the light vehicle sector of the industry and ideally have at least six months experience to ensure they are familiar with the skills, knowledge and techniques required to inspect, remove, repair and replace the vehicles components to industry standards.</p>
<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Technician

Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Use correct procedures to test battery and charging systems
1.2	Identify any special procedures necessary before / after disconnecting battery terminals
1.3	Correctly disconnect battery terminals
1.4	Correctly and safely remove battery from vehicle
1.5	Select correct replacement battery for vehicle
1.6	Check charge condition of new battery prior to fitment
1.7	Ensure correct fitment of battery to vehicle (battery location and security)
1.8	Correctly connect battery terminals (order of connection, polarity, security, terminal corrosion inhibitor used)
1.9	Check vehicle charging system correctly
1.10	Identify charging system is operating correctly
1.11	Reset vehicle systems after battery replacement
1.12	Use hand tools and equipment correctly
1.13	Correctly present vehicle after work carried out
1.14	Complete task within a given time period

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Different types of 12 volt batteries used for vehicles
2.2	Working with High Voltage Hybrid / Electric Vehicle and applicable systems
2.3	The use of computer based test equipment to reset vehicle systems after the replacement of vehicle battery



<b>Accreditation Module Title</b>	Four Wheel Alignment				
<b>Module Code</b>	ATA - AOM - 147				
<b>Practical Assessment Time</b>	0.75 hour				
<b>On-line Knowledge Test</b>	K - 147				
<b>IMI AOM Level</b>	2				
<b>Module Overview</b>	<p>This module is to assess the competence of the candidate's knowledge, skill and ability to check and accurately adjust a vehicles four wheel alignment to the manufacturer settings. This will include all inspection and adjustments necessary prior to the checking of the vehicles wheel alignment.</p> <p>The candidate will need to access the correct wheel alignment information / data applicable to the vehicle using industry recognised wheel alignment equipment.</p>				
<b>Candidate Profile</b>	<p>The technician should be working in the light vehicle sector of the industry and ideally have at least six months experience to ensure they are familiar with the skills, knowledge and techniques required to inspect, remove, repair and replace the vehicles components to industry standards.</p>				
<b>Links with Accreditation Routes and Modules</b>	<p>This module features in:</p> <table border="1"> <thead> <tr> <th>IMI Accreditation Route</th> <th>IMI Accreditation Level</th> </tr> </thead> <tbody> <tr> <td>Fast Fit</td> <td>Technician</td> </tr> </tbody> </table>	IMI Accreditation Route	IMI Accreditation Level	Fast Fit	Technician
IMI Accreditation Route	IMI Accreditation Level				
Fast Fit	Technician				





Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Ensure vehicle pre checks are carried out (tyres / tyre pressures / suspension / wheel bearing checks)
1.2	Ensure the settling of suspension between pre checks and wheel alignment checks
1.3	Set vehicle ride height / load correctly
1.4	Identify correct wheel alignment specifications for vehicle
1.5	Calibrate alignment equipment before use (if applicable)
1.6	Check steering wheel position
1.7	Correctly use hand tools and equipment
1.8	Correctly present vehicle after work completed
1.9	Complete task within a given time period

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Checking thrust angle correctly
2.2	Adjusting thrust angle or compensating for any incorrect thrust angle
2.3	Measuring wheel 'run out' and compensating / adjusting (if applicable)
2.4	Correct procedure used to check / adjust wheel alignment (toe) rear
2.5	Correct procedure used to check / adjust wheel alignment (toe) front
2.6	Locking of adjustment devices after checks / adjustments
2.7	Setting wheel alignment accurately to specifications



<b>Accreditation Module Title</b>	Customer Liaison
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<b>Module Code</b>	ATA - AOM - 148
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<b>Practical Assessment Time</b>	0.75 hour
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<b>On-line Knowledge Test</b>	K - 148
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<b>IMI AOM Level</b>	2
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<b>Module Overview</b>	
<p>The candidate will be required to demonstrate the ability to communicate effectively with a customer when using a telephone (or similar device) and also 'face-to-face' contact.</p> <p>They will need to create positive rapport with a customer using a structured approach, use simple yet technical language, identify the customers' needs and also gather the information required to be able to effectively inspect, remove and replace components to their vehicle.</p> <p>The candidate should also be aware of how to deal with conflict and the methods of taking payment for the services that they offer.</p>	

<b>Candidate Profile</b>	
<p>The technician should be working in the light vehicle sector of the industry and ideally have at least six months experience to ensure they are familiar with the skills, knowledge and techniques required to inspect, remove, repair and replace the vehicles components to industry standards.</p>	

<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Technician
	Service Technician



Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Answer telephone in a polite and courteous manner
1.2	Obtain customer details during telephone conversation
1.3	Obtain vehicle details during telephone conversation
1.4	Greet the customer without compromise
1.5	Gather the correct relative information from customer
1.6	Gather the correct relative information from vehicle
1.7	Understand the customer's needs of the service required
1.8	Qualify the customer's requirements
1.9	Convey a basic knowledge of vehicle products sold within business
1.10	Use good communication throughout exercise
1.11	Pass relative information to appropriate person within organisation
1.12	Return / hand over vehicle to customer politely and courteously

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Different payment types and how to take payments



<b>Accreditation Module Title</b>	Visual Vehicle Appraisal
<b>Module Code</b>	ATA - AOM - 149
<b>Practical Assessment Time</b>	0.75 hour
<b>On-line Knowledge Test</b>	K - 149
<b>IMI AOM Level</b>	2
<b>Module Overview</b>	<p>This module is to ensure that the candidate has the ability to carry out a vehicle appraisal using a logical method / routine, using the appropriate workshop tools and equipment.</p> <p>The candidate will be able to identify the processes / techniques needed to rectify faults and recommend any actions required for repair.</p>
<b>Candidate Profile</b>	<p>The technician should be working in the light vehicle sector of the industry and ideally have at least six months experience to ensure they are familiar with the skills, knowledge and techniques required to inspect, remove, repair and replace the vehicles components to industry standards.</p>
<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Technician



Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Accurately identify and record the vehicle details using a vehicle check sheet
1.2	Access, understand and interpret the vehicle manufacturers (or equivalent to) repair methods
1.3	Identify the vehicle condition accurately as per check sheet
1.4	Record all of the vehicle damage accurately
1.5	Identify, replace, advise, report the findings of the vehicle to another person
1.6	Correctly use PPE during assessment
1.7	Comply with all health and safety requirements throughout assessment
1.8	Perform the vehicle appraisal assessment within a given time period

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Driver 'Tell Tale' warning lamps and recognition of the urgency of any rectification work
2.2	Vehicle faults including 'symptom, effect & cause'



<b>Accreditation Module Title</b>	Exhaust Systems
<b>Module Code</b>	ATA - AOM - 150
<b>Practical Assessment Time</b>	N/A
<b>On-line Knowledge Test</b>	K - 150
<b>IMI AOM Level</b>	2
<b>Module Overview</b>	<p>This module is to ensure that the candidate has knowledge of the methods used to inspect, remove and replace an exhaust system fitted to vehicles that use either a petrol or diesel engine.</p> <p>The candidate will be able to identify exhaust system components and any associated components and their function within the system.</p> <p>This is a 10 question theory test.</p>
<b>Candidate Profile</b>	<p>The technician should be working in the light vehicle sector of the industry and ideally have at least two years experience to ensure they are familiar with the skills, knowledge and techniques required to service, maintain and repair vehicles.</p>
<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Service Technician



Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Correct exhaust system for vehicle
2.2	Procedures used to remove exhaust system components
2.3	H&S regulations within workshop / vehicle
2.4	Correct procedures required to replace exhaust components
2.5	Correct fitment of exhaust components to existing vehicle exhaust system
2.6	Correct exhaust fitment and alignment
2.7	Correct use of hand tools and equipment when carrying out exhaust system replacement activities



<b>Accreditation Module Title</b>	Braking Systems
<b>Module Code</b>	ATA - AOM - 152
<b>Practical Assessment Time</b>	0.75 hour
<b>On-line Knowledge Test</b>	K - 152
<b>IMI AOM Level</b>	2
<b>Module Overview</b>	<p>This module is to ensure that the candidate has the ability to carry out vehicle brake inspection(s) using various methods such as visual and measuring braking components using the appropriate tools and equipment (micrometer / DTI).</p> <p>The candidate should be able to use the appropriate workshop equipment / vehicle information and identify the processes / techniques needed to rectify brake system faults, recommending any actions required.</p>
<b>Candidate Profile</b>	<p>The technician should be working in the light vehicle sector of the industry and ideally have at least two years experience to ensure they are familiar with the skills, knowledge and techniques required to service, maintain and repair vehicles.</p>
<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Service Technician





Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Comply with health and safety requirements when carrying out brake inspection / replacement activities
1.2	Correctly identify the type of brakes fitted front and rear of vehicle
1.3	Raise, support and lower a vehicle correctly
1.4	Locate the correct technical data and record findings
1.5	Inspect disc brake components using the correct method
1.6	Inspect drum brake components using the correct method
1.7	Check / report the brake fluid condition using the correct method(s)
1.8	Take and record brake component measurements accurately
1.9	Use the correct procedures to check braking system - mechanical components
1.10	Use the correct procedures to check braking system - hydraulic components
1.11	Use the correct tools and equipment throughout assessment
1.12	Refill the brake fluid to correct level taking care at all times to avoiding spillages
1.13	Use torque wrench correctly to tighten components brake / wheel
1.14	Identify all relevant brake faults (if applicable) within vehicle
1.15	Complete a vehicle brake report with clarity and accuracy
1.16	Ensure the braking system operating correctly after inspection carried out (foot / hand brake)
1.17	Complete brake inspection within a given time period

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	Various types of braking system fitted to a vehicle including; disc, drum
2.2	Various types of parking brake system fitted to a vehicle including; disc, drum, transmission including manual and electronic systems
2.3	Correct bleed braking system procedures for vehicles



<b>Accreditation Module Title</b>	Computer Based Test Equipment
<b>Module Code</b>	ATA - AOM - 153
<b>Practical Assessment Time</b>	0.75 hour
<b>On-line Knowledge Test</b>	K - 153
<b>IMI AOM Level</b>	2
<b>Module Overview</b>	<p>This module is to determine that the candidate is able to use computer based test equipment, such as fault code readers / scan tools, to carry out operations that are used whilst servicing vehicles i.e. reading fault codes (present / historical).</p> <p>The candidate will also need to communicate with the vehicle's systems and 'drive' the necessary components e.g. service indicator lights / rear brake calipers, to be able to carry out the appropriate vehicle service routines.</p> <p>The candidate will be able to use the applicable vehicle information to locate components to carry out visual / basic checks to determine the functionality of a component.</p> <p>The candidate will be required to ensure that they follow all appropriate health &amp; safety procedures and wear the necessary Personal Protection Equipment during the assessment.</p>
<b>Candidate Profile</b>	<p>The technician should be working in the light vehicle sector of the industry and ideally have at least two years experience to ensure they are familiar with the skills, knowledge and techniques required to service, maintain and repair vehicles.</p>
<b>Links with Accreditation Routes and Modules</b>	
This module features in:	
<b>IMI Accreditation Route</b>	<b>IMI Accreditation Level</b>
Fast Fit	Service Technician

Skills Requirements	
The candidate must demonstrate the ability to:	
1.1	Use scan tool / diagnostic test equipment correctly and competently
1.2	Correctly plug the equipment into the vehicles system
1.3	Determine that the test equipment has correctly communicated with the vehicle system(s)
1.4	Access the diagnosis information (fault codes) stored within the vehicles system(s)
1.5	Display the correct basic knowledge and understanding of system components and their functionality within that system including the resetting of service lights, parking brakes, tyre pressure monitoring systems, fault codes, steering angle sensor
1.6	Accurately carry out a visual inspection of system components and ensure that they are connected to the vehicle systems
1.7	Correctly drive actuators (e.g. instrument light / mechanical component) from the scan tool / diagnostic test equipment to either diagnose or service components
1.8	Select and use appropriate PPE during assessment
1.9	Comply with all health and safety requirements relative to using tools and equipment
1.10	Carry out system checks with scan tool / diagnostic test equipment within a given time period

Knowledge Requirements	
The candidate must indicate a sound knowledge of:	
2.1	The use of PC based test equipment within a motor vehicle environment
2.2	Diesel fuel system(s) and the associated components
2.3	Petrol fuel system(s) and the associated components
2.4	ABS and the associated components
2.5	The correct component functionality within a vehicle system