

Automotive Industry (AUT)
Professional English Module

EXAM DATES

- AUT-1A: 07/04
- AUT-1B: 06/04

EXAM CONTENTS

- Listening Comprehension (RA1)
- Reading comprehension and vocabulary (RA2)
- Writing and grammar (RA4)
 - Past Simple vs. Past Continuous
 - Future Tenses: Present Continuous, Be going to and Future Simple

EXAM REVIEW

- Future Tenses: Present Continuous, Be going to and Future Simple
- Unit 5 - Electrical System (p. 88)
- Unit 6 - Ignition System (p. 84 and 87)
- Unit 7 - Fuel System The fuel system
- Unit 9 - Exhaust System (p. 85)
- Unit 11 - Frame Repair (p. 128-129)
- Unit 13 - Suspension System (p. 83)
- Unit 14 - Transmission System (p. 85)

Future tenses

There are several ways of expressing the future in English.

Future Simple

It is formed with **will + infinitive**.

I **will work** in a garage in the future.

I **will not be** a teacher. (**will not = won't**)

Will you help me?

It is used for future predictions, usually with verbs or expressions such as think, hope, expect, be sure, etc.:

You **will get** the job. I'm sure.

It is also used to express intention at the moment of decision.

A: Listen! The phone is ringing.

B: I'll **answer** it.

Be going to

This tense is formed with the present tense of the **verb to be (am/is/are) + going to + infinitive**.

I **am going to buy** a new car.

He **is not going to work** with us.

Are they going to drive?

It is mainly used to show the intention of the speaker to do something in the future. It is always planned, premeditated.

He **is going to be** a mechanic.

They **are going to show** us the garage facilities.

It can be used for predictions too, when the person feels certain that something is going to happen (because there is some evidence).

Look at those clouds! It **is going to rain**.

Present Continuous as a future form

The present continuous can be used for the future. It expresses a **definite arrangement** in the near future:

I **am starting** a new job in July. (it implies that I applied for it and I got the job)

1 What are the 10 speakers doing? Match the sentences (1-10) to the correct functions (a-j).

- | | |
|-----------------------------------------------------------------------------|-----------------------------------------|
| 1 <input type="checkbox"/> In 50 years' time there won't be any oil left. | a asking about a future fact |
| 2 <input type="checkbox"/> Does the show finish at 11:30 tonight? | b guessing probable future situations |
| 3 <input type="checkbox"/> How old will you be in 2050? | c asking someone to do something |
| 4 <input type="checkbox"/> If you don't understand, I'll explain it again. | d talking about future intentions |
| 5 <input type="checkbox"/> Will you stop talking? | e offering to do something for someone |
| 6 <input type="checkbox"/> We're out of eggs. I'll go and get some. | f talking about a scheduled event |
| 7 <input type="checkbox"/> Are you seeing Emma tonight? | g predicting something will happen soon |
| 8 <input type="checkbox"/> There will probably be fewer cars in the future. | h deciding to do something now |
| 9 <input type="checkbox"/> What are you going to do after university? | i talking about arrangements |
| 10 <input type="checkbox"/> Mum's going to be angry. We're late again. | j making future predictions |

2 Underline the correct alternative.

- | | |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|
| 1 It's 0°C. It <i>will</i> / 's <i>going</i> to snow. | 7 We won't pass the test unless we <i>will study</i> / <i>study</i> harder. |
| 2 I'm so thirsty. <i>Will you make</i> / <i>Are you making</i> me some tea, please? | 8 <i>Are you having</i> / <i>Do you have</i> lunch with Dad next Saturday? |
| 3 I'm going to <i>go</i> / <i>going</i> to the beach tomorrow. | 9 I don't like these shoes. I'll <i>throw</i> / 'm <i>throwing</i> them away. |
| 4 When <i>will you be</i> / <i>are you being</i> able to deliver it? | 10 Maybe we <i>will have</i> / <i>are having</i> to take the test again. |
| 5 I'm sure <i>it will rain</i> / <i>is raining</i> this afternoon. | 11 Our train <i>is leaving</i> / <i>leaves</i> at 5,45 pm. |
| 6 I <i>have</i> / 'm <i>going to have</i> a party for my 18 th birthday. | 12 We're <i>taking</i> / <i>take</i> the 5,45 train to Brighton. |

3 Write the correct future tense of the verbs in brackets (Present simple - Present continuous - will - be going to).

- | | |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 They _____ (not / be) able to leave until their passport _____ (be) ready. | 6 The weather forecast says it _____ (snow) next weekend. |
| 2 My sister _____ (be) 16 next summer: she _____ (give) a big party and she _____ (probably / invite) you, too. | 7 Oh no! We've broken Mum's favourite vase. What _____ (we / do) now? |
| 3 Prices are going up so fast these days: it _____ (be) hard to live in the coming years. | 8 I haven't cleaned the windows yet, but I _____ (do) that this afternoon. |
| 4 I've got a temperature so I _____ (not / go) to school tomorrow. | 9 When _____ (Jack and Sally / get) married? Next Saturday. |
| 5 I _____ (not / let) you go to tomorrow's concert if you _____ (do) that again. | 10 _____ (Carol / be) in town this Saturday? - Yes, I _____ (see) her in the afternoon. I think we _____ (go) for a drink at the pub near her office. |

5 Fill in the gaps with A, B or C.

- | | | | |
|----------------------------------------------|----------------------|------------------|-----------------------|
| 1 They ___ to Tokyo tomorrow morning. | A are flying | B fly | C will fly |
| 2 I offered him this job. I think he ___ it. | A takes | B will take | C is taking |
| 3 I promise I ___ your secret to anyone. | A don't tell | B 'm not telling | C won't tell |
| 4 Take your umbrella with you. It ___. | A will rain | B rains | C 's going to rain |
| 5 Maybe they ___ cards this evening. | A are playing | B will play | C play |
| 6 She ___ till Thursday. | A will probably stay | B probably stays | C is probably staying |

6 **First** Complete the second sentence so that it has a similar meaning to the first using the word in brackets. You must use between 2 and 5 words.

- | | |
|--------------------------------------------------------------|-----------------------------------|
| 1 What are your plans after dinner? (you) | What are _____ after dinner? |
| 2 I expect the weather to change soon. (going) | The weather _____ soon. |
| 3 Please, put them on the scales. (will) | _____ them on the scales, please? |
| 4 What is the weather forecast for tomorrow? (be) | What is _____ like tomorrow? |
| 5 My intention is to become a doctor. (be) | I'm _____ a doctor. |
| 6 If he doesn't take some rest he won't get better. (unless) | He won't get better _____. |

7 Read Tracy's email to her friend and complete it with the suitable verbs from the box in the correct future tense (Present simple - Present continuous - *will* - *be going to*).

arrive be be able drive call get (x2) have
have to last leave pick send sleep take off

Dear Paola,

How are you doing? I'm so excited that I (1) _____ to visit Italy at last! I've always wanted to see your country and I can hardly believe I (2) _____ tomorrow.

My plane (3) _____ at 7.30 so I (4) _____ set out really early. As Dad (5) _____ me to JFK Airport, I (6) _____ plenty of time before departure. The trip (7) _____ around 7 hours. It (8) _____ a bit boring but I (9) _____ probably _____ or listen to music during the flight.

I have one more thing to ask you before I leave: (10) _____ you _____ me up from the airport in Rome? Don't worry if you can't: if you (11) _____ me your address I (12) _____ a cab to your home. Ok, I hope you (13) _____ back to me before tomorrow. Anyway, I (14) _____ you as soon as I (15) _____ in Rome.

See you tomorrow!
Best wishes,
Tracy

5 Electrical system

HOME

ELECTRICAL

AUTO PARTS

CONTACT

Car Genius Auto Parts



blade fuse



tubular fuse

Car Genius carries all the products you need to keep your electrical system working.

For older cars, Car Genius recommends replacing **distributor caps** with every tune-up. This should keep your car starting smoothly. Check out our vehicle chart to find the right one.

For cars with **distributorless ignition systems**, you will need to **gap** your spark plugs before installation. Car Genius's **feeler gauges** are perfect for setting the right gap.

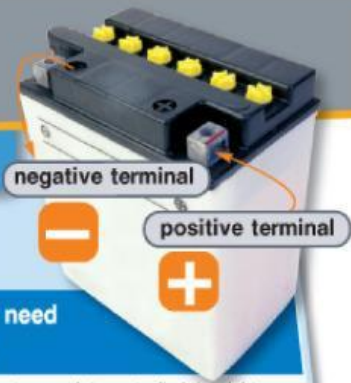
Did your engine **blow** a fuse? Don't worry! Car Genius has a great selection of products to fill your **fuse box**. Our website has a detailed image gallery of **blade fuses** and **tubular fuses**. Just compare your **burned-**

out fuse to our pictures to find the right replacement.

If you have trouble with your **battery**, Car Genius can help. We have various products for testing and maintaining your battery's **charge**. When you just need a jumpstart, check out our guides for identifying **positive terminals** and **negative terminals**.



feeler gauge



products

systems

distributors

charges

spark plugs

customers

terminals

Car Genius carries many different **1** to maintain electrical systems. A vehicle chart is available to help customers select **2** . Products are also available for cars with distributorless ignition **3** . Feeler gauges measure the right distance to gap **4** . For fuse replacements, a picture gallery guides **5** to the correct type. Car Genius also offers resources to check batteries' **6** and identify **7** .

3 Write a word or phrase that is similar in meaning to the underlined part.

1 Barbara needed a fuse housed in a glass tube to fix her engine.

(u b _ _ r) (u _ _)

2 Paolo attached the cable to the part of the battery that receives an electrical current.

(_ s i _ v _) (t _ _ _ n a _)

3 The mechanic needed a device that measures distance between electrodes to gap the spark plugs.

(e e _ r) (g _ g _)

4 Dahlia just discovered that her device that provides electricity is dead.

(a t _ _ y)

5 Locate the housing that holds fuses.

(u s) (o _)

6 Ed could tell the car was old because it had a part that sends electricity to the engine.

(d _ t r _ _ t o _) (_ _ _)

Vocabulary

4 Fill in the blanks with the correct words and phrases from the word bank.

Word BANK

charge - gap - negative terminals - blade fuse - blow - burned-out - distributorless ignition systems

1 require less maintenance than those with distributors.

2 If an engine will not start, it might help to the spark plugs.

3 The problem was a fuse.

4 If the battery does not have a , the ignition will not work.

5 If you a fuse, some electric devices won't work.

6 Identify the positive and .

7 Return this glass tube and get a .

6

Ignition system

Auto Monthly

January Edition



You try to **start** your car and nothing happens. Compare your car's symptoms to our troubleshooting list to see what's wrong.

When you turn the **key**:

Symptom: The lights don't work and the engine is silent.

Diagnosis: The battery could be dead. Check the cables and **ground** connections.

Symptom: The lights work. The engine makes a clicking noise but it doesn't **turn over**.

Diagnosis: There could be a loose connection involving the **starter** or **starter relay**.

Symptom: The lights work but the engine is silent.

Diagnosis: The starter could be bad, or you have a failing **ignition switch**.

A mechanic can replace your ignition switch, battery cables, or starter. If your battery is dead, you can replace or charge it yourself after a **jump start**. Your car should start normally once it's charged. However, if the battery doesn't hold the **charge**, there could be problems in the charging system. Have a mechanic check the **alternator**, **voltage regulator**, and battery.



1 If an ignition switch is bad, a car's lights won't work.

True

False

2 The article recommends that professionals handle all work with batteries.

True

False

3 A malfunctioning alternator could lead to a dead battery.

True

False

Vocabulary

3 Read the sentence pairs. Choose which word or phrase best fits each blank.

charge

turn over

1 A) Because of a bad starter, the engine won't _____.

B) A dead battery has no _____.

charging system

key

2 A) Every car has a unique _____.

B) If the battery is dead, check the _____.

Vocabulary

4 Fill in the blanks with the correct words and phrases from the word bank.



alternator turn over clicking ground jump start starter relay

- 1 Attach these cables to your battery before the .
- 2 When I turned the key, I heard a(n) sound.
- 3 Electric current is sent by the .
- 4 A bad can lead to a dead battery.
- 5 When the engine doesn't , the car doesn't start.
- 6 A(n) is attached to a battery's negative terminal and completes the circuit.

7 Fuel system

Harris & Sons Auto

Date: April 18 **Customer:** Charles Warner
Make: Tolento **Model:** Racer **Year:** 2006

Area of inspection:

fuel system (Type: **gasoline direct injection**).

Customer notes: Customer suspects the fuel injection system is malfunctioning.

REPORT

Fuel lines: Visually checked steel and rubber **fuel lines**. Removed hoses and clamps and checked for damage. Two hoses were replaced.

Filters: Removed and replaced the **fuel filter**. Removed and replaced the **air filter**.

Pumps: Checked **fuel pump** operating pressure.

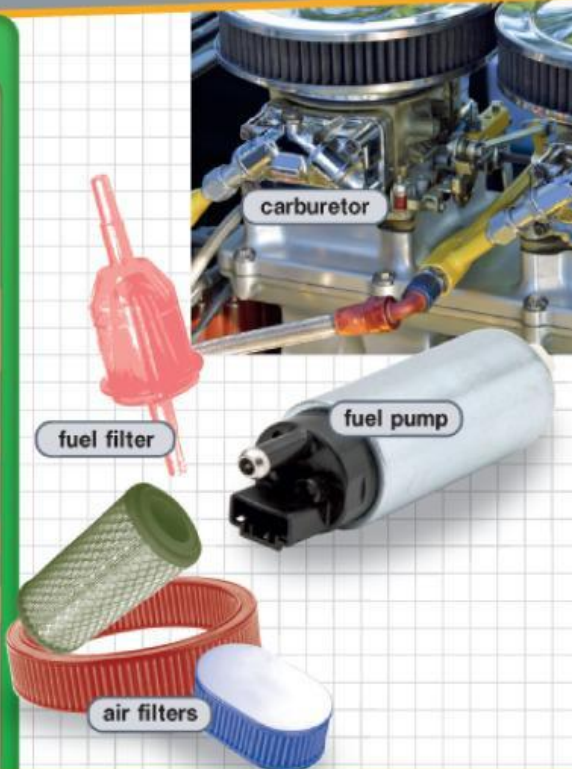
Lines: Checked condition of fuel lines going to **fuel tank**. Checked hoses carrying fuel to injectors.

Injectors: Checked and cleaned **fuel injectors**.

Air intake: Cleaned **cold air collection box**.

Carburetor: No carburetor on this model.

Inspection summary: The fuel system had not been serviced since purchase. Two rubber hoses had signs of wear and small cracks. The fuel injectors were slightly clogged. Mr. Warner is advised not to drive with little fuel in his tank to reduce the amount of sediment in fuel injectors.



- 1 The steel fuel lines were damaged.
- 2 The fuel system had not been serviced before.
- 3 This model of car does not use a carburetor.

True	False
True	False
True	False

Vocabulary

3 Match the words with the definitions (A-E).

fuel line fuel injector fuel tank fuel filter carburetor

- | | |
|---------------------------------------------------------------------|----------------------|
| A a part that mixes fuel and air | <input type="text"/> |
| B a device that screens out dirt in the fuel | <input type="text"/> |
| C a storage container for fuel | <input type="text"/> |
| D a tube that delivers fuel to the engine | <input type="text"/> |
| E a pump that delivers fuel to the combustion chamber of the engine | <input type="text"/> |

Vocabulary

4 Fill in the blanks with the correct words and phrases from the word bank.

word BANK

fuel filter gasoline direct injection air filter cold air collection box fuel system

- 1 The function of a(n) is to remove impurities from fuel.
- 2 A(n) is used to remove dirt from air that mixes with fuel.
- 3 The contains the air filter.
- 4 The uses a pump to deliver fuel to the engine.
- 5 With , fuel is sent directly into the cylinder.

9 Exhaust system

exhaust manifold

tailpipe

muffler

JJ's Muffler and Automotive

Do you have **muffler** trouble? Did you fail an **emissions** test? Come into JJ's Muffler and Automotive. We are a family-owned shop that provides the best customer service at unbeatable prices. We offer vehicle emission inspections and diagnostics and repairs, as well as high quality **emission controls** and installations. We honor our promise to provide free visual inspections upon request and will perform engine scans when necessary. Our services include:

Exhaust services and repairs to:	Custom and performance installations of:
<ul style="list-style-type: none"> ● Catalytic converters ● Exhaust manifolds ● Exhaust manifold gaskets ● Exhaust pipes ● PCV valves ● Heat shields 	<ul style="list-style-type: none"> ● True dual exhaust systems ● Diesel exhaust systems ● Mid-range and high performance mufflers ● Custom-made tailpipes

Come in for your exhaust system needs today!

- 1 The shop performs emission inspections.
- 2 The shop installs custom heat shields.
- 3 The shop can install multiple types of exhaust systems.

True	False
True	False
True	False

Vocabulary

3 Match the words with the definitions (A-E).

pollution exhaust manifold heat shield exhaust system PCV valve

- | | |
|------------------------------------------------------|----------------------|
| A a vehicle's waste-disposal system | <input type="text"/> |
| B an emissions control device | <input type="text"/> |
| C substances harmful to the air | <input type="text"/> |
| D a device used as protection from heat | <input type="text"/> |
| E a structure that carries gases to the exhaust pipe | <input type="text"/> |

Vocabulary

4 Read the sentence pairs. Choose which word or phrase best fits each blank.



catalytic converter exhaust pipe

1 A) The carries gases to the muffler.

B) A(n) reduces the harmful gases in exhaust.

muffler tailpipe

2 A) The purpose of a is to limit sound.

B) The last part of the exhaust system is the .

11 Frame Repair

HOME ABOUT US

frame

tool board wheel aligner

FRAME REPAIR
EQUIPMENT SUPPLY

Providing Quality Alignment Equipment for over 30 Years!

FRAME REPAIR is an equipment supply company. We produce and distribute the essential tools for the repair and alignment of automobile frames. From frame racks to power pullers, we have what you need at FRAME REPAIR.

What sets us apart from other distributors? For one, we offer more options when it comes to alignment measurement systems. Most companies specialize in only one type. We have them all. For you old-fashioned mechanics out there, we have **mechanical measurement systems**. They are affordable and dependable if you prefer a mechanical system. Our state-of-the-art **electronic measurement systems** are adaptable to the **manufacturer specifications** of almost any vehicle. And our **laser measurement systems** are simply the best on the market.

Our brands of **wheel aligners** cannot be purchased anywhere else. We sell only the most trusted brands of **alignment lifts**. For organizing your shop we have several varieties of **clamp racks, hooks, and tool boards**. We have been in this business for 33 years and we know our stuff. So for the very best in frame repair equipment, order from FRAME REPAIR today!

1 What is the purpose of the website?

- A to describe a business B to explain product prices C to compare equipment brands D to give instructions on frame repair

2 Brands of which products are only available at FRAME REPAIR?

- A tool boards B wheel aligners C laser measurement systems D mechanical measurement systems

3 How is this supplier different from other suppliers?

- A It specializes in frame racks. B It has more sizes of tool boards. C It builds its own wheel aligners. D It offers three types of measurement systems.

Vocabulary

3 Place the words and phrases from the word bank under the correct heading.

Word BANK

hook electronic measurement system tool board laser measurement system alignment lift frame rack
mechanical measurement system

Tools to determine proper alignment

Tools to raise vehicles

Tools to hang objects

Vocabulary

4 Read the sentence pairs. Choose which word or phrase best fits each blank.

frame alignment

A) The car's was bent in the accident.

B) Uneven tire wear is a sign of bad .

manufacturer specifications clamp

A) The mechanic used a to hold the sheet in place until it was welded.

B) Refer to the to see the dimensions.

wheel aligner power puller

A) Sam used a to bend the frame.

B) A was needed to balance the steering mechanism.

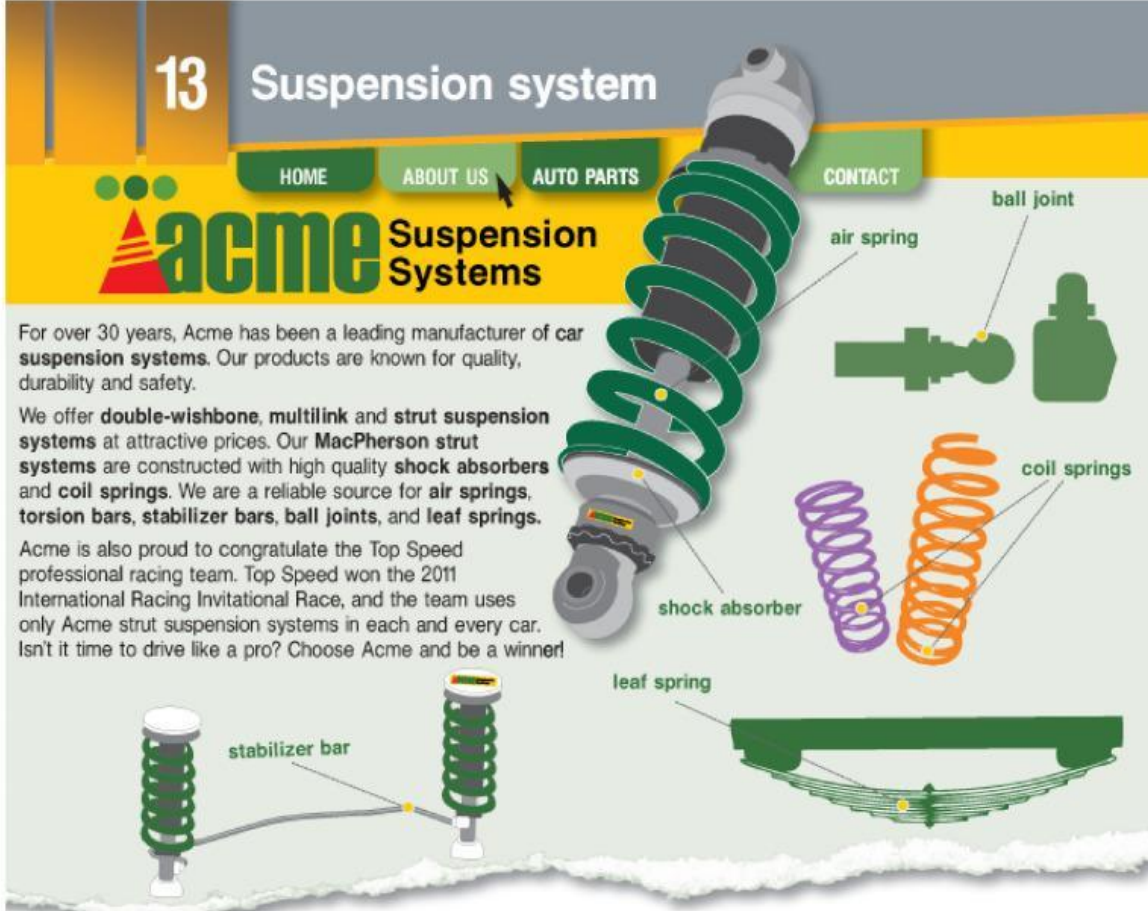
13 Suspension system



For over 30 years, Acme has been a leading manufacturer of car suspension systems. Our products are known for quality, durability and safety.

We offer **double-wishbone, multilink and strut suspension systems** at attractive prices. Our **MacPherson strut systems** are constructed with high quality **shock absorbers** and **coil springs**. We are a reliable source for **air springs, torsion bars, stabilizer bars, ball joints, and leaf springs**.

Acme is also proud to congratulate the Top Speed professional racing team. Top Speed won the 2011 International Racing Invitational Race, and the team uses only Acme strut suspension systems in each and every car. Isn't it time to drive like a pro? Choose Acme and be a winner!



- 1 Acme Suspension has developed thirty suspension models.
- 2 MacPherson strut systems have leaf springs.
- 3 Acme Suspensions' products are used in professional races.

<input type="checkbox"/> True	<input type="checkbox"/> False
<input type="checkbox"/> True	<input type="checkbox"/> False
<input type="checkbox"/> True	<input type="checkbox"/> False

Vocabulary

3 Match the words with the definitions (A-E).

stabilizer bar coil spring torsion bar ball joint multilink suspension

- A a bar that connects the suspension system
- B a device that contracts and expands to absorb shock
- C a ball that connects to a cup shaped socket
- D an auto frame with four arms and no struts
- E a bar that twists when the wheels turn

<input type="text"/>
<input type="text"/>
<input type="text"/>
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<input type="text"/>