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)

LIVEWORKSHEETS

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)

LIVEWORKSHEETS

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

1	☐	In 50 years' time there won't be any oil left.	a asking about a future fact
2	☐	Does the show finish at 11:30 tonight?	b guessing probable future situations
3	☐	How old will you be in 2050?	c asking someone to do something
4	☐	If you don't understand, I'll explain it again.	d talking about future intentions
5	☐	Will you stop talking?	e offering to do something for someone
6	☐	We're out of eggs. I'll go and get some.	f talking about a scheduled event
7	☐	Are you seeing Emma tonight?	g predicting something will happen soon
8	☐	There will probably be fewer cars in the future.	h deciding to do something now
9	☐	What are you going to do after university?	i talking about arrangements
10	☐	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 *will / 's going* to snow.
2 I'm so thirsty. *Will you make / Are you making* me some tea, please?
3 I'm going to *go / going* to the beach tomorrow.
4 When *will you be / are you being* able to deliver it?
5 I'm sure *it will rain / is raining* this afternoon.
6 I *have / 'm going to have* a party for my 18th birthday.
7 We won't pass the test unless we *will study / study* harder.
8 *Are you having / Do you have* lunch with Dad next Saturday?
9 I don't like these shoes. I *'ll throw / 'm throwing* them away.
10 Maybe we *will have / are having* to take the test again.
11 Our train *is leaving / leaves* at 5,45 pm.
12 We *'re taking / take* 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.
2 My sister _____ (be) 16 next summer: she _____ (give) a big party and she _____ (probably / invite) you, too.
3 Prices are going up so fast these days: it _____ (be) hard to live in the coming years.
4 I've got a temperature so I _____ (not / go) to school tomorrow.
5 I _____ (not / let) you go to tomorrow's concert if you _____ (do) that again.
6 The weather forecast says it _____ (snow) next weekend.
7 Oh no! We've broken Mum's favourite vase. What _____ (we / do) now?
8 I haven't cleaned the windows yet, but I _____ (do) that this afternoon.
9 When _____ (Jack and Sally / get) married? Next Saturday.
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.

LIVEWORKSHEETS

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

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

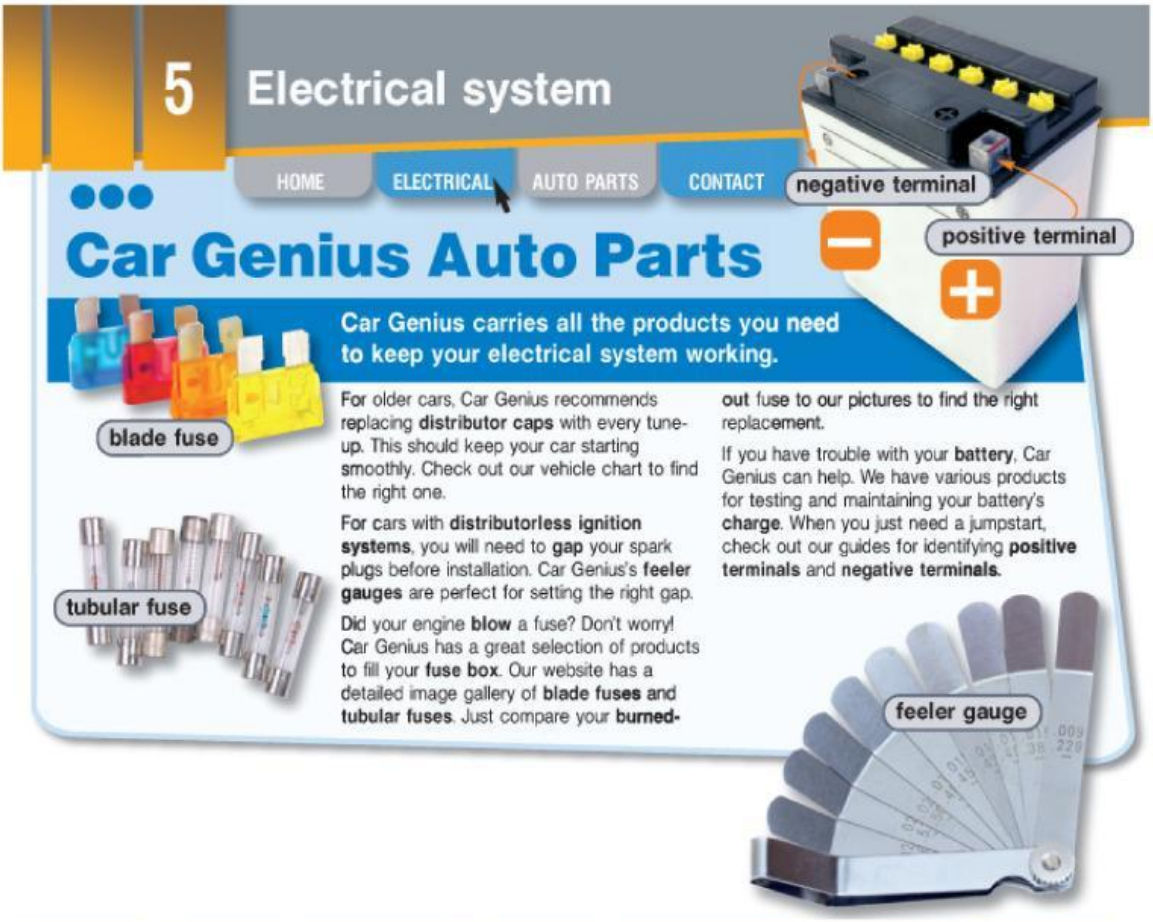
7 **Read Tracy's email to her friend and complete it with the suitable verbs from the box in the correct future tense (Present simple - Present continuous - *will* - *be going to*).**

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

LIVEWORKSHEETS



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** _____.

LIVEWORKSHEETS

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

1 Barbara needed a <u>fuse housed in a glass tube</u> to fix her engine.

(_u b_ _ _r) (_u _ _)

2 Paolo attached the cable to the <u>part of the battery that receives an electrical current</u>.

(_ _s i_ _v _) (t_ _ _ _n a_)

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

(_e e_ _r) (g_ _g_)

4 Dahlia just discovered that her <u>device that provides electricity</u> is dead.

(_a t_ _ _y)

5 Locate the <u>housing that holds fuses</u>.

(_u s_) (_o_)

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

(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 _____.

LIVEWORKSHEETS

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.

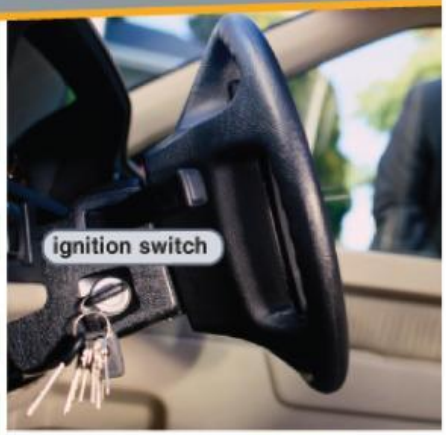
Symptom: The lights work. The engine makes a clicking noise but it doesn't **turn over**.

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 _____.

LIVEWORKSHEETS

Vocabulary

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

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.

LIVEWORKSHEETS

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.

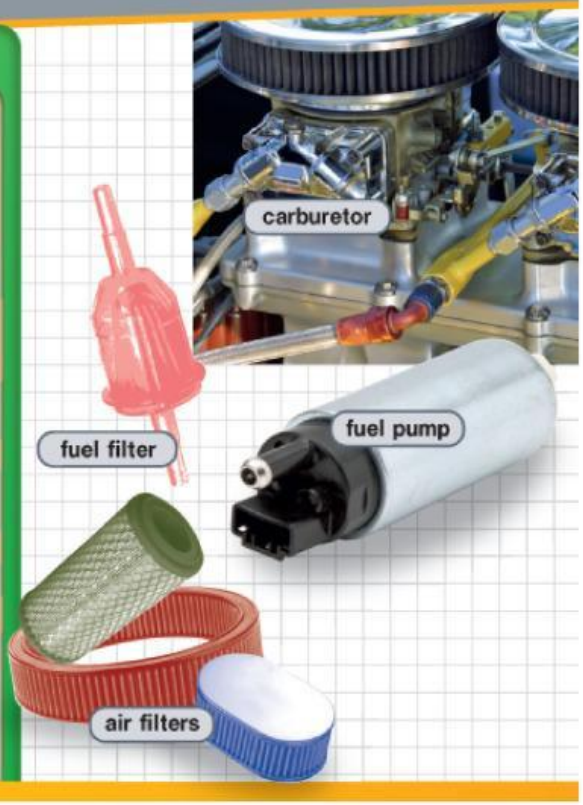
Lines: Checked condition of fuel lines going to **fuel tank.** Checked hoses carrying fuel to injectors.

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. **True** **False**

2 The fuel system had not been serviced before. **True** **False**

3 This model of car does not use a carburetor. **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

B a device that screens out dirt in the fuel

C a storage container for fuel

D a tube that delivers fuel to the engine

E a pump that delivers fuel to the combustion chamber of the engine

LIVEWORKSHEETS

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.

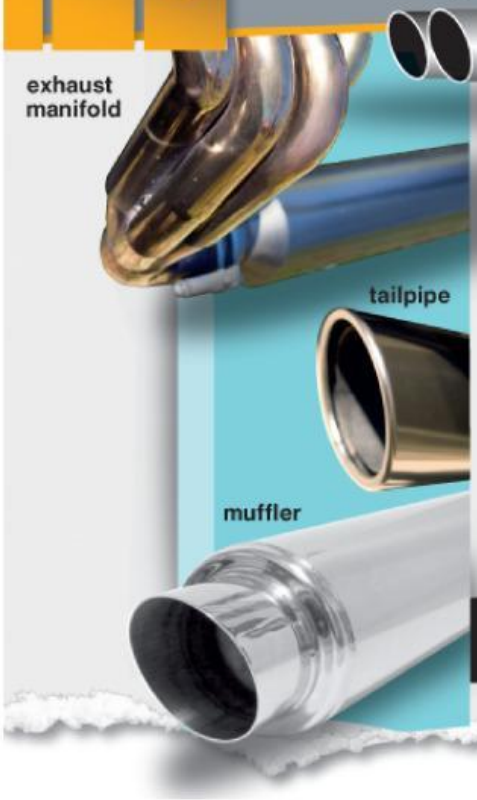
3 The _____ contains the air filter.

4 The _____ uses a pump to deliver fuel to the engine.

5 With _____, fuel is sent directly into the cylinder.

LIVEWORKSHEETS

9 Exhaust system



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:
• **Catalytic converters**	• True dual **exhaust systems**
• **Exhaust manifolds**	• Diesel exhaust systems
• Exhaust manifold gaskets	• Mid-range and high performance mufflers
• **Exhaust pipes**	• Custom-made **tailpipes**
• **PCV valves**	
• **Heat shields**	

Come in for your exhaust system needs today!

1 The shop performs emission inspections. **True** **False**

2 The shop installs custom heat shields. **True** **False**

3 The shop can install multiple types of exhaust systems. **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

B an emissions control device

C substances harmful to the air

D a device used as protection from heat

E a structure that carries gases to the exhaust pipe

LIVEWORKSHEETS

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 _____.

LIVEWORKSHEETS

11 Frame Repair

HOME ABOUT US



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.

LIVEWORKSHEETS

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.

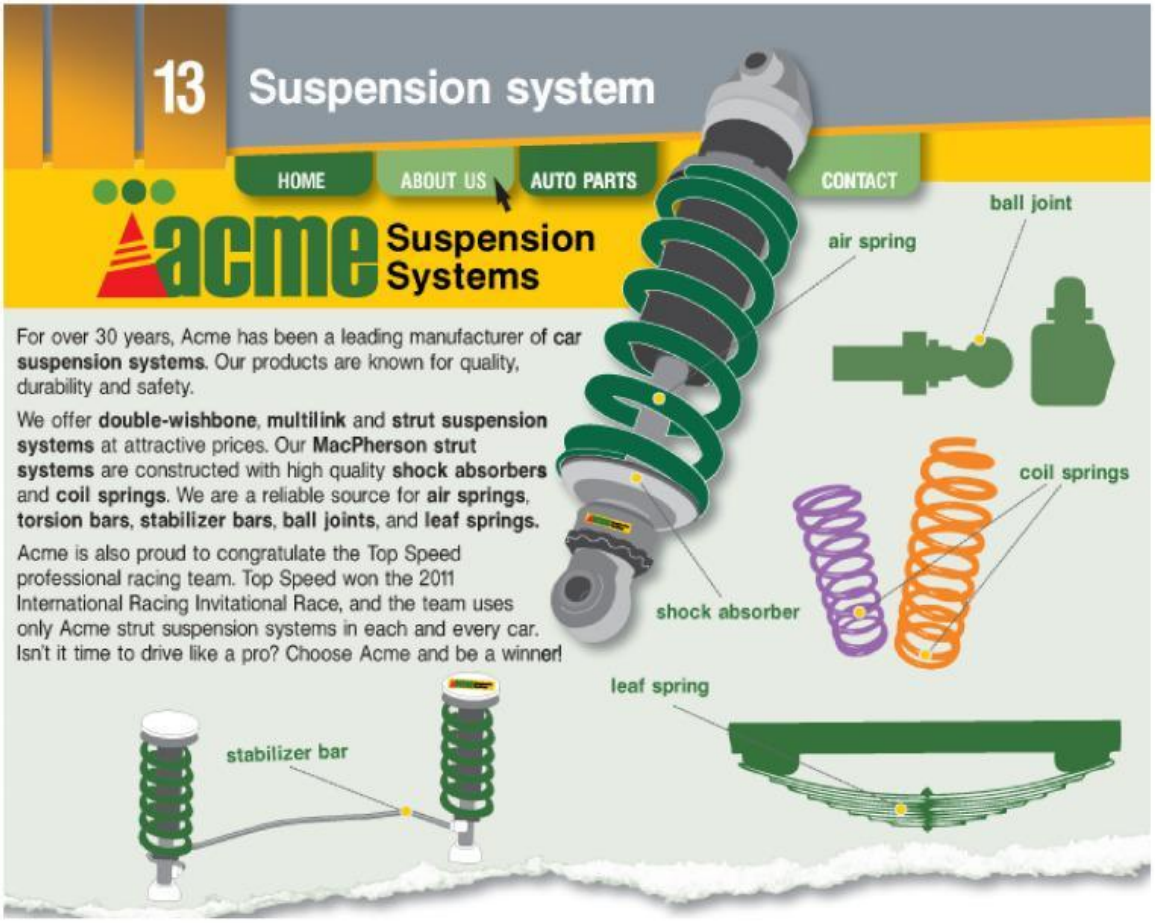
B) Refer to the _____ to see the dimensions.

wheel aligner | power puller

A) Sam used a _____ to bend the frame.

B) A _____ was needed to balance the steering mechanism.

LIVEWORKSHEETS



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

LIVEWORKSHEETS