



PROFESSIONAL ENGLISH
FOR MECHANICS



FUEL SYSTEM

- Revision of information about fuel system
- Language skills practice
- Professional training



Read and translate international words

Automobile

Alcohol

Compression

Cylinder

Energy

Function

Injector

Spray

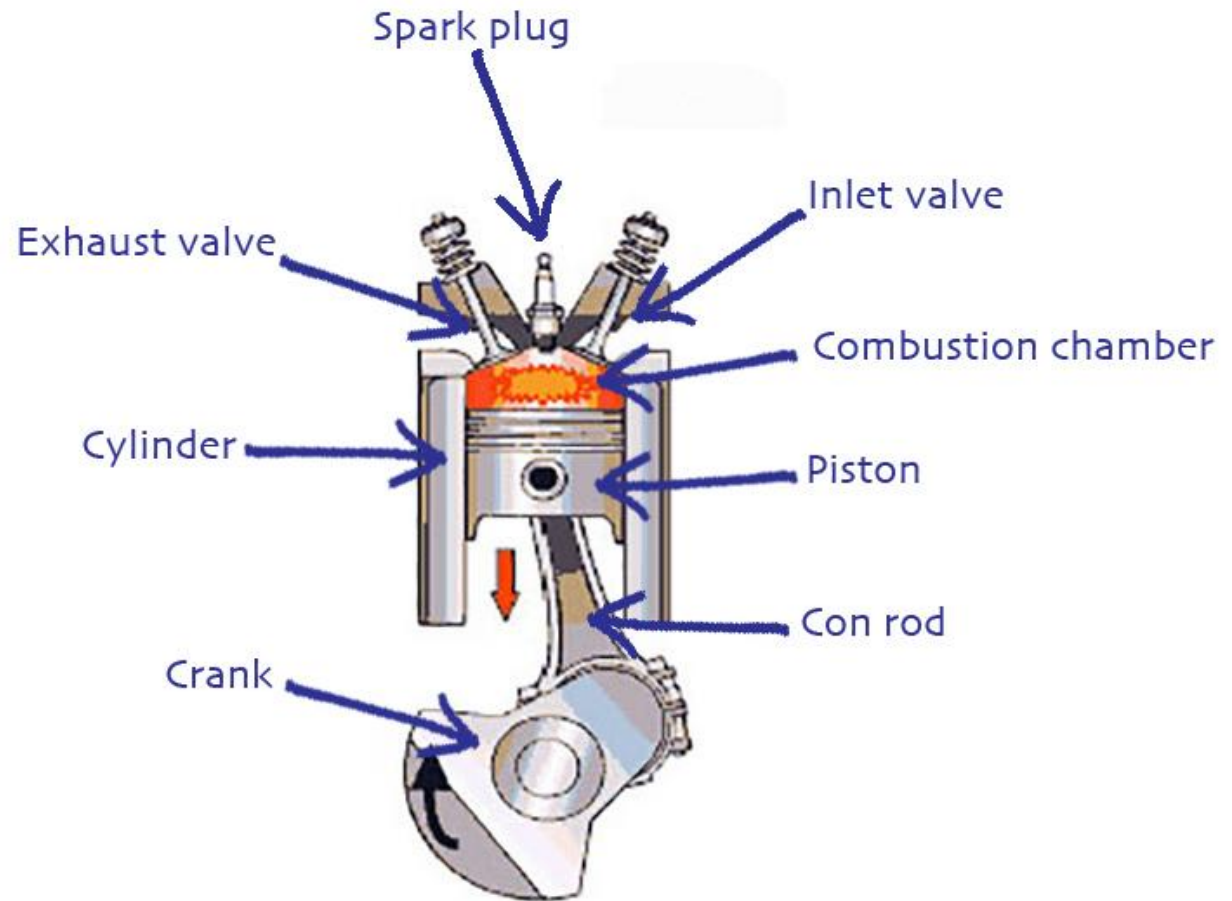


Answer the questions

- What is importance of fuel supply in engine?
- What purpose are fuels used for?
- What components of the fuel supply system do you know?
- What kind of fuel pumps do all fuel injected cars use today?
- What is the function of the fuel injector?
-

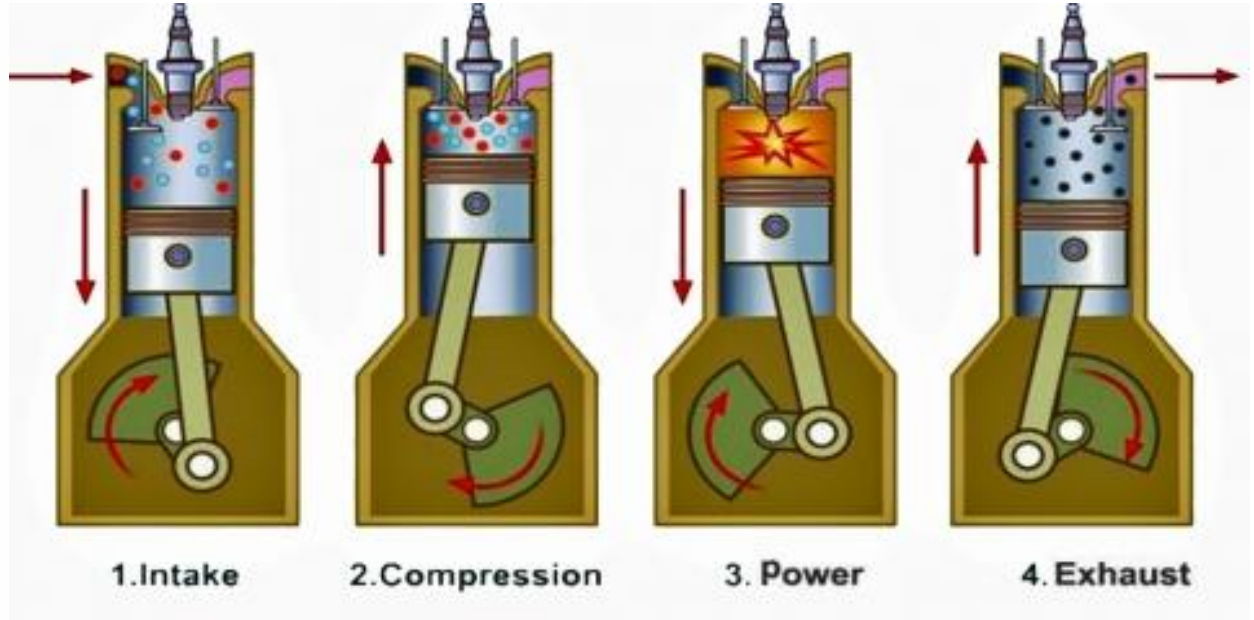
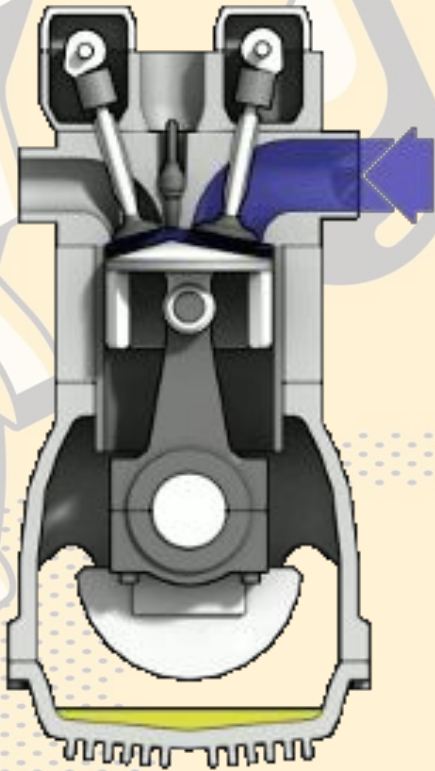


Internal combustion engine



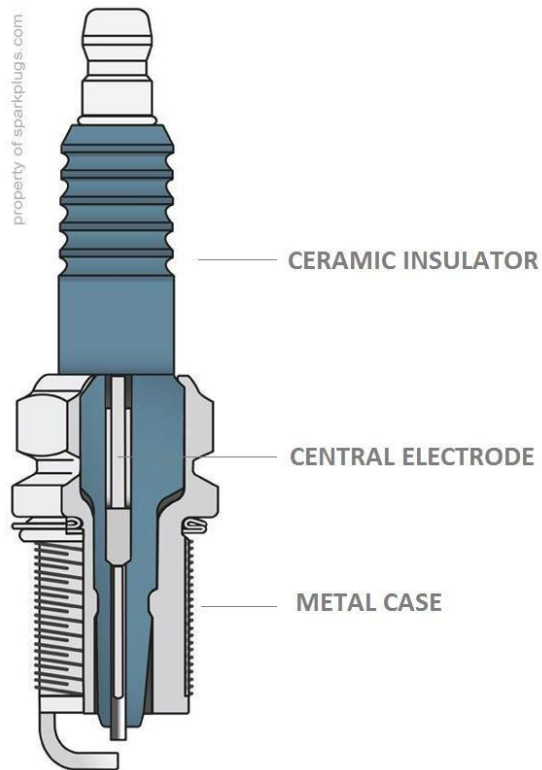
4-stroke operating cycle

1

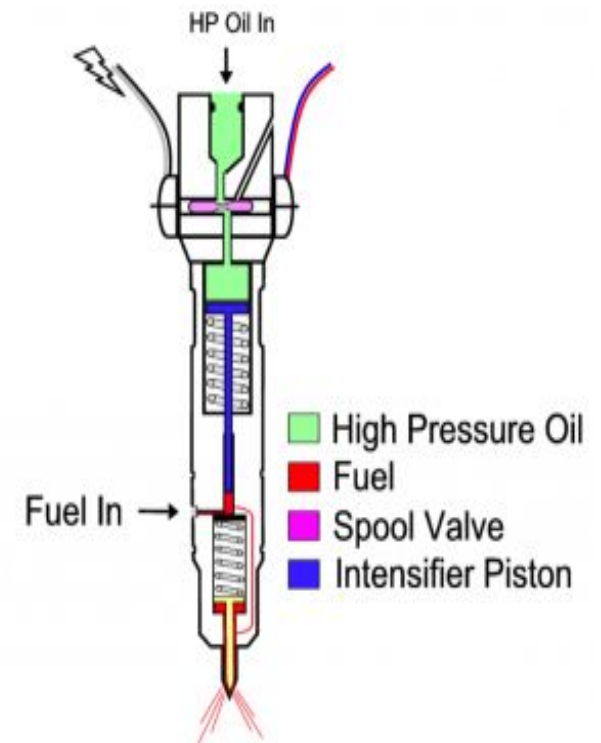




SPARK PLUG



FUEL INJECTOR





FUEL SYSTEM VOCABULARY

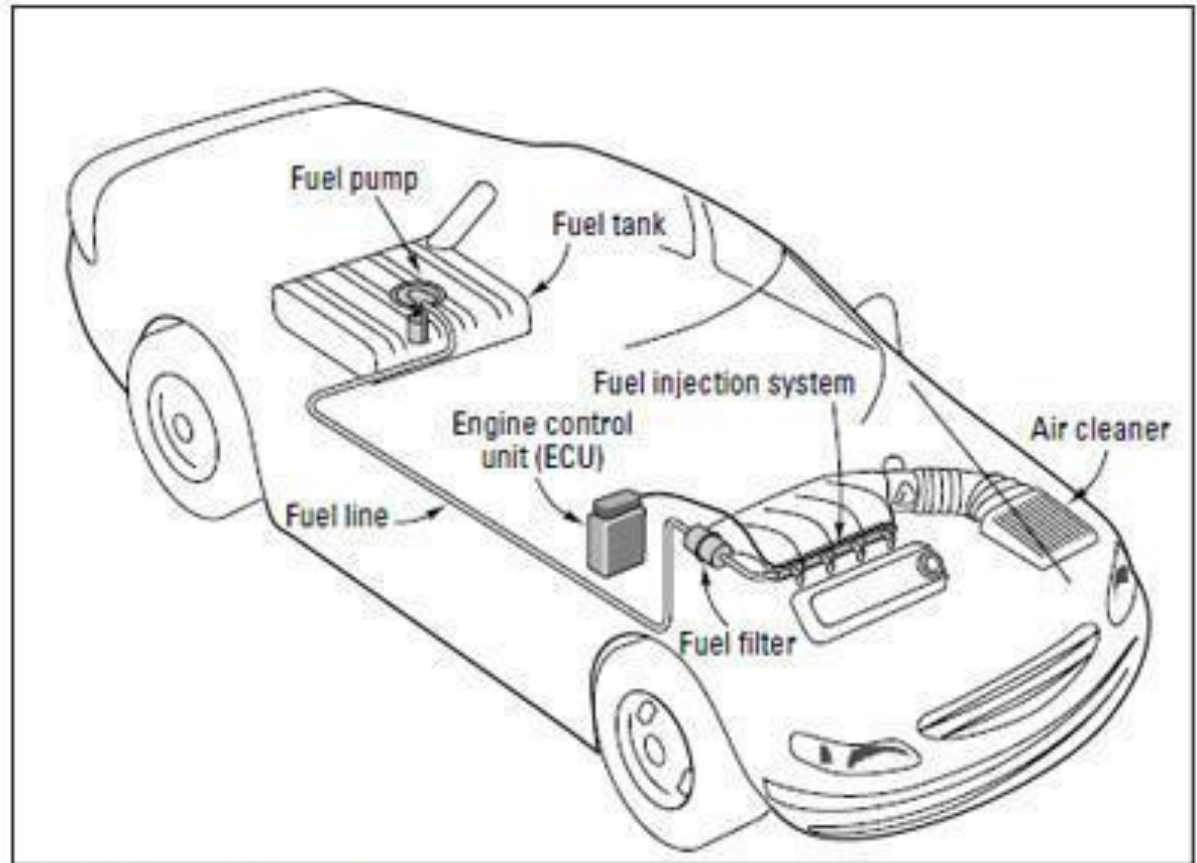


Figure 7-1: A fuel system.

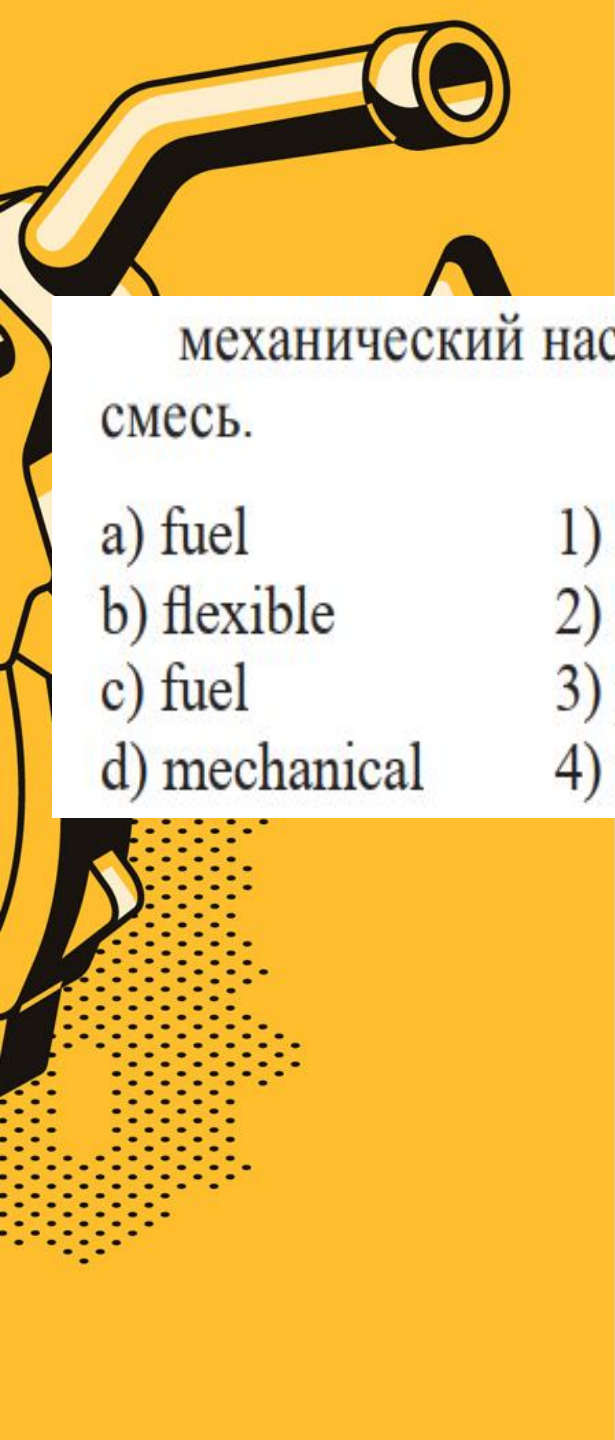


Match the questions (1-4)
with the answers (A-D).

1. What is a carburettor used for?
2. What happens in the combustion chamber?
3. Where is the fuel mixed with the air?
4. What is a venturi?

- A. It's a special tube in the carburettor.
- B. In the carburettor.
- C. It's used for mixing fuel with air.
- D. The fuel mixture is ignited.





Match a-d with 1-4 to make up the word combinations

механический насос, гибкие шланги, топливный фильтр, топливная смесь.

- | | |
|---------------|------------|
| a) fuel | 1) hoses |
| b) flexible | 2) mixture |
| c) fuel | 3) pump |
| d) mechanical | 4) filter |

Упражнения для уставших глаз



Reading



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.



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

word BANK

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

- 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.



Verbs in passive voice

- (to be) removed
- replaced
- checked
- cleaned
- serviced
- damaged
- repaired
- (быть) ИЗЪЯТЫМ
- замененным
- проверенным
- почищенным
- обслуженным
- поврежденным
- починенным




Make the phrases

- Fuel line
- Fuel pump
- Fuel injector
- Carburetor
- The vehicle
- is cleaned
- is replaced
- is checked
- is serviced
- is damaged

Fuel line is damaged
Fuel pump is replaced
Fuel injector is cleaned
Carburetor is checked
The vehicle is serviced

Final test

Записи сообщества

 **PROFESSIONAL ENGLISH FOR MECHANICS. Fuel system.**
ТОЛЬКО ЧТО

Final Test (Fuel system, ICE)

Final Test (Fuel system, ICE) ☆

** Required*

Фамилия И.О. *

Your answer

Throttle valve *

☐ впускной коллектор

☐ дроссельный клапан

1 point

Final Test (Fuel system, ICE)

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Home task

- Кисель, Л.
Профессиональный
английский язык.
- текст с. 55; упр. 3, с. 54.

Mark the lesson

 PROFESSIONAL ENGLISH FOR MECHANICS. Fuel system.
6 секунд назад

MARK THE LESSON

MARK THE LESSON

PROFESSIONAL ENGLISH FOR MECHANICS. Fuel system.
Анонимный опрос

1

2

3

4

5

Проголосуйте первой!





December 17, 2020