

Министерство образования и молодежной политики Свердловской области

Государственное автономное профессиональное образовательное  
учреждение Свердловской области

**«Уральский колледж технологий и предпринимательства»**

(ГАПОУ СО «УКТП»)

**ТО 310 (08/05.2023)**

**ВЕДОМОСТЬ 310 гр.**

Преподаватель (ВКК) Кан Лиля Хусановна

Обратная связь осуществляется: hasanova2@mail.ru

Занятие 27-28 (4 часа/56)

**Тема: Тормозные системы**

***1 задание! Чтение и перевод диалога письменно!***

#### **DIALOGUE**

Павел: Why are brakes used?

Александр: They are used to stop or to slow the car.

Павел: Well, it is one of the most important mechanisms of the car, isn't it?

Александр: Of course, the safety of the passengers depends upon their proper performance.

Павел: What types of brakes are used today?

Александр: Drum brakes, disk brakes and others.

Павел: And in what way are they applied?

Александр: They are applied by the brake pedal. When the driver pushes down on the pedal they are applied.

Павел: Thank you. It was very nice of you to tell me this information.

Александр: Don't mention it. I was glad to serve you.

**2 задание!**

***Напишите термины на английском языке!***

- 1.Тормоза -
- 2.подавать жидкость -
- 3.работа -
- 4.под давлением -
- 5.безопасность -
- 6.тормоза срабатывают -
- 7.зависеть -
- 8.замедлять -
- 9.тормозное усилие -
- 10.разделять -
- 11.нажать на тормозную педаль -
- 12.барабанные тормоза -
- 13.ленточный тормоз -
- 14.дисковые тормоза -
- 15.колодочный тормоз -
- 16.тормоза с гидравлическим приводом -
- 17.колодки тормоза -
- 18.тормозная жидкость -
- 19.тормозная педаль -
- 20.главный цилиндр -

### ***3 задание! Чтение, перевод письменный и ответы на вопросы!***

#### **Brakes**

Brakes are used to slow or stop the car where it is necessary. It is one of the most important mechanisms of the car as upon its proper performance the safety of passengers depends. Car brakes can be divided into two types, namely: drum brakes and disc brakes. The drum type may be either a band brake or a shoe brake. Depending on their functions, the automobile has foot brakes and hand brakes (parking brakes). According to their mode of operation, the brakes are classified as: mechanical brakes, hydraulic brakes, airbrakes, electric brakes. Brakes are controlled by the brake pedal. Most braking systems in use today are hydraulic. This system consists of a master cylinder mounted on the car frame and wheel cylinders. When the driver pushes down on the brake pedal, it forces the piston to move in the master cylinder and brake fluid is delivered from it to the wheel cylinders. The piston movement causes brake shoes to move and the brakes are applied (the brake shoes are pressed against the brake drums). The air brake uses compressed air to apply the braking force to the brake shoes. Electric brakes use electromagnets to provide the braking effort against the brake shoes. Formerly brakes were applied only to the two rear wheels, but now all cars are equipped with all-wheels brakes. Today many improvements are being made in brakes.

#### **Найдите в тексте ответы на следующие вопросы:**

1. What is the function of the brakes?
2. What types are brakes divided into?
3. What brakes do you know according to their mode of operation?
4. What braking systems are used today?
5. How are brakes controlled?
6. When are brakes applied?

***Уважаемые студенты, если у вас есть вопросы, пишите! “Я не понял задания!” - не принимается, так как преподаватель всегда готов***

*ответить на ваши вопросы! У всех групп есть отдельный чат в ватсапе.*

**Задание необходимо выполнить В ТОТ ЖЕ ДЕНЬ!**