

Correcteur

Student Document

Lesson 2.4.3

QUESTION: 1

Scenario: You drive in a rural area and this light remains on in your dashboard.



What does this mean?

Answer: **The driver assistance system is defective. Have it repaired as soon as possible. Drive safely.**

Refer to if wrong answer:

Lesson 2.4.2

QUESTION: 2



What is the meaning of this warning light?

Answer: **The air pressure in the service tanks is low.**

Refer to if wrong answer:

Lesson 2.2.5

QUESTION: 3

Scenario: You are driving in the city and these lights come on in your dashboard.



What should you do?

Answer: **Park the vehicle in a safe place and activate the regeneration system.**

Refer to if wrong answer:

Lesson 2.2.5

QUESTION: 4

Scenario: You are driving on the highway and this light **comes on** in your dashboard.



What should you do?

Answer: **Fill up with diesel exhaust fluid "DEF"**

Refer to if wrong answer:

Lesson 2.2.5

QUESTION: 5



What is the meaning of this warning light?

Answer: **Exhaust system high temperature**

Refer to if wrong answer:

Lesson 2.2.2

QUESTION: 6



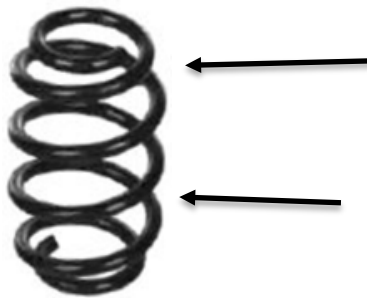
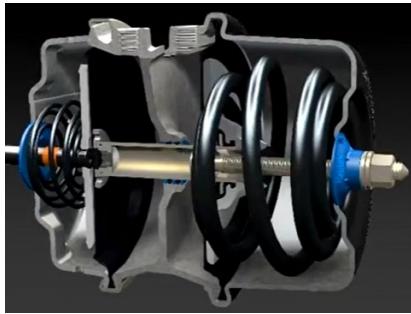
What does this pictogram represent?

Answer: **Coolant temperature**

Refer to if wrong answer:

Lesson 2.4.1

QUESTION: 7



Describe in your words, what this part do?

Answer: **Spring that applies the parking brake.**

Refer to if wrong answer:

Lesson 2.1.2

QUESTION: 8



What is the purpose of this command?

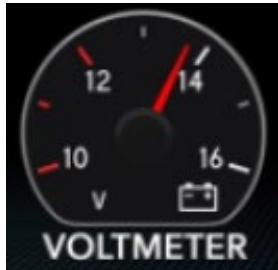
Answer: **To apply the service brakes of the semi-trailer. This control can also be used to check for air leaks on the service brake of the semi-trailer and to check the brake lights on the tractor and also on the semi-trailer.**

Refer to if wrong answer:

Lesson 2.2.4

QUESTION: 9

Scenario: Your vehicle has been parked for a few days. Before starting your engine, you turn the ignition key to the "ON" position.



What should be the minimum voltage reading on the voltmeter?

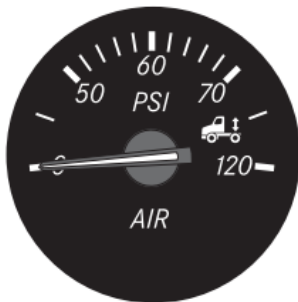
Answer: **12 Volts**

Refer tok if wrong answer:

Lesson 2.5.4

QUESTION: 10

Scenario: You drive your tractor without semi-trailer "bobtail".



What should be the approximate air pressure reading on the suspension air pressure gauge?

Answer: **5-10 psi (PSI)**

Refer to if wrong answer:

Lesson 2.2.4

QUESTION: 11



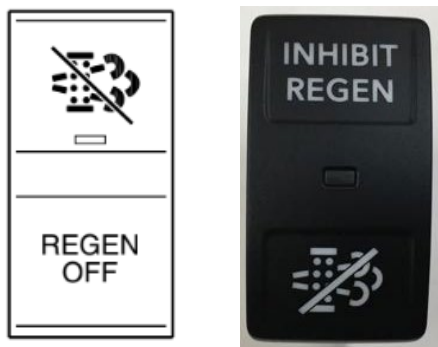
What is the purpose of this switch?

Answer: **This switch isolates the batteries from any drainage source when the vehicle is parked.**

Refer to if wrong answer:

Lesson 2.2.5

QUESTION: 12



In your own words explain the purpose of these switches?

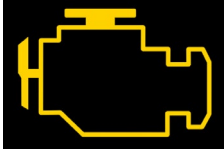
Answer: **They are used to interrupt or prevent a regeneration.**

Refer to if wrong answer:

Lesson 2.2.5

QUESTION: 13

Scenario: You are driving in the city and this light **comes on** in your dashboard.



What should you do?

Answer: **Keep on driving and notify the mechanic at the next stop.**

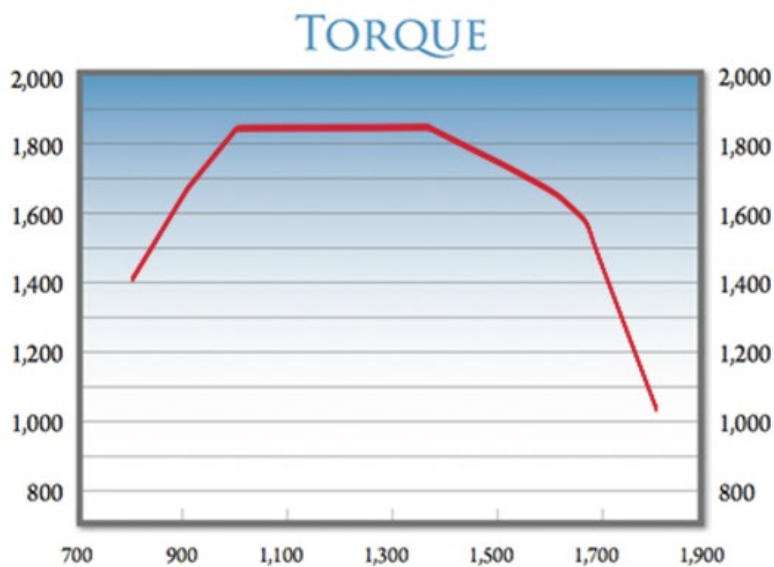
Refer to if wrong answer:

Yellow code of the anti-pollution system. No immediate danger.

Leçon 2.2.7

QUESTION: 14

Looking at the engine torque curve below, **the engine torque of 1830 lb/ft** is available over what rpm range.



Answer: **From 1000 to 1400 RPM**

Refer to if wrong answer:

Lesson 2.3.4

QUESTION: 15



This warning light is illuminated in your dashboard. What does it mean?

Answer: **That both front and rear diffs are locked. (2 interwheel locks)**

Refer to if wrong answer:

Lesson 2.2.5

QUESTION: 16



In your words explain the **2 functions** of this 3-way switch?

Answer:

- 1- This switch is used to stop or prevent regeneration.**
- 2- This switch is used to start a parked regeneration.**

Refer to if wrong answer:

Lesson 2.3.4

QUESTION: 17

Scenario: You must engage the inter-axle (power divider) locking device on your vehicle.

Give **2** conditions prior to engage the inter-axle.

Answer:

- 1- The wheels must not slip.
- 2- The road must be slippery.
- 3- The vehicle must drive in a straight line.

Refer to if wrong answer:

Lesson 2.3.4

QUESTION: 18

Scenario: You must engage the inner wheel (Diff lock) locking device on your vehicle.

Give **2** condition prior to engage the inner wheel.

Answer:

- 1- The wheels must not slip.
- 2- The road must be slippery.
- 3- The vehicle must be stationary or at a maximum speed of 8 km/h.

Refer to if wrong answer:

Lesson 2.4.3

QUESTION: 19

Scenario: You descend a **long** steep downhill with a heavily loaded vehicle.



Give **3** actions to do before the descent.

Answer:

- 1- Slow down
- 2- Downshift
- 3- Engage the engine brake (auxiliary brake)

Refer to if wrong answer:

Leçon 2.2.7

QUESTION: 20

Scenario: You are driving in the city and this light **comes on** in your dashboard.



What should you do?

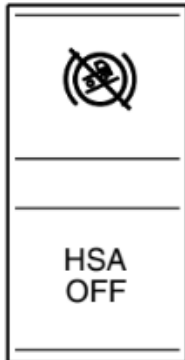
Answer: **Keep on driving and notify the mechanic at the next stop.**

Refer to if wrong answer:

Yellow code for engine anomalies. No immediate danger.

Lesson 2.3.3

QUESTION: 21



What is the purpose of this switch?

Answer: **During a slope departure, this switch is used to cancel the vehicle restraint.**

Refer to if wrong answer: