

Air Intake and Exhaust System Review

Corrector

Multiple choice question

Sheet to be completed -

1 Lesson 2.2.5

QUESTION:

What happens when the engine air filter is clogged?

ANSWER CHOICE: Only one possible answer **X**
Several possible answers

A) The engine will idle

X

B) A lack of power

X

C) The engine may stop

D) All these answers

Refer to if wrong answer:

The oxygen contained in the air is essential for the proper functioning of the engine. Lesson 2.2.5 from the student's workbook.

Multiple choice question

Sheet to be completed -

2 Lesson: 2.2.5

QUESTION:

What can happen if an hose clip on the Air to Air system is lose?

ANSWER CHOICE: Only one possible answer **X**
Several possible answers

A) Risk of power loss

X

B) Risk of engine overheating

C) Risk of loss of refrigerant

D) All of the above

Refer to if wrong answer:

An improperly secured collar can cause a loss of boost pressure, resulting in a loss of power. Lesson 2.2.5 from the student's workbook.

Multiple choice question

Sheet to be completed - 3

Lesson: 2.2.5

QUESTION:

What can activate the engine protection system to decrease (derate) the engine power?

ANSWER CHOICE: Only one answer possible
Several possible answers **X**

A) DEF fluid level too low

X

B) A heavily clogged particulate filter

X

C) Low fuel level

D) A clogged fuel filter

Refer to if wrong answer:

Lesson 2.2.5 from the student's workbook.

Multiple choice question

Sheet to be completed -

4 Lesson: 2.2.5

QUESTION:

Which of the following pictograms represents the engine air filter?

ANSWER CHOICE: Only one possible answer **X**
Several possible answers

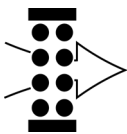
A)



B)

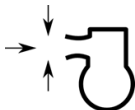


C)



X

D)



Refer to if wrong answer:

The engine air filter pictogram consists of two drawings, a filter element and an arrow to represent air. Lesson 2.2.5 from the student's workbook.

True or False

Sheet to be completed -

5 Lesson: 2.2.5

QUESTION:

This switch is used to activate a regeneration of the emission control system.



ANSWER CHOICES:

TRUE

FALSE

X

Rétroaction si mauvaise réponse:

This switch allows the driver or mechanic to avoid or stop all forms of regeneration. Lesson 2.2.5 from the student's workbook.

True or False

Sheet to be completed -

6 Lesson: 2.2.5

QUESTION:

Diesel exhaust fluid "DEF" is very resistant to cold, as the diesel fuel.

ANSWER CHOICES:

TRUE	
FALSE	X

Refer to if wrong answer:

Diesel exhaust fluid "DEF" freezes at about -11°C.

[Driver Training: Detroit BlueTec Emissions Technology](#) . Lesson 2.2.5 from the student's workbook.

Multiple choice question

Sheet to be completed -

7 Lesson: 2.2.5

QUESTION: What is the function of the air-to-air system?	
ANSWER CHOICE: Only one possible answer X Several possible answers	
A) Cool the air before it is admitted into the engine	X
B) Cool the exhaust gases	
C) Purify the air before it is admitted into the engine	
D) Purify the exhaust gases	
Refer to if wrong answer: Lesson 2.2.5 from the student's workbook.	

Multiple choice question

Sheet to be completed -

8 Lesson: 2.2.5

QUESTION:

What does this indicator light mean?



ANSWER CHOICE: Only one possible answer **X**
Several possible answers

A) You must allow on-road or do a stationary regeneration

B) High temperature of the exhaust system.

X

C) High temperature of the cooling system

D) High temperature of the pneumatic system.

Refer to if wrong answer:

Lesson 2.2.5 from the student's workbook.

Multiple choice question

Sheet to be completed -

9 Lesson: 2.2.5

QUESTION:

What does this indicator light mean?



ANSWER CHOICE: Only one possible answer **X**
Several possible answers

A) Anomaly related to the anti-pollution system

B) DEF liquid level too low

X

C) You must allow on-road or stationary regeneration

D) You have to refill the diesel fuel tanks.

Refer to if wrong answer:

Lesson 2.2.5 from the student's workbook.

Multiple choice question

Sheet to be completed - 10

Lesson: 2.2.5

QUESTION:

What does this indicator light mean?



ANSWER CHOICE: Only one possible answer **X**
Several possible answers

A) Anomaly related to the anti-pollution system

X

B) High exhaust system temperature

C) DEF liquid level too low

D) Manual fan

Refer to if wrong answer:

Lesson 2.2.5 from the student's workbook.

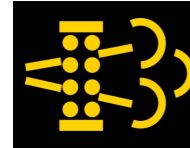
Multiple choice question

Sheet to be completed - 11

Lesson: 2.2.5

QUESTION:

What does this indicator light mean?



ANSWER CHOICE: Only one possible answer **X**
Several possible answers

A) Anomaly related to the anti-pollution system

B) Engine anomaly: You need to check your gauges, no immediate danger.

C) Highly clogged air filter

D) You must allow on-road or stationary regeneration

X

Refer to if wrong answer:

Lesson 2.2.5 from the student's workbook.