MTA Bus Road Practice Test (Sample)

Study Guide

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Questions

1. What should be checked for the fuel filler access door?

A. It should be easily opened

B. It should be secure and the fuel cap should be tight

C. It should be painted in bright colors

D. It should have visible safety warnings

2. What is checked when inspecting the air bags?

A. Presence of audible leaks and secure mounting

B. Color of the air bags

C. Size compared to other air bags

D. Weight capacity

3. What is the expected condition of the front bumper?

A. It can be loose

B. It must be secure

C. Only the appearance matters

D. It does not need to be present

4. Which of the following describes the acceptable condition of the rim?

A. Must be shiny and polished

B. No cracks, dents, rust, or illegal welds

C. Should be painted with heat-resistant paint

D. Must fit snugly to the tire

5. What is the purpose of using the bus fare box?

A. To collect fare payments from passengers

B. To store lost items

C. To keep track of passenger counts

D. To dispense change

6. What should be verified when checking leaf spring mounts?

A. They must be securely mounted to the frame

B. They should have a rust-proof coating

C. They need to be made of aluminum

D. All parts should be replaceable

7. What is the requirement for reflectors on the vehicle?

A. Reflectors must be dirty and securely mounted

B. They should be clean and securely mounted for visibility

C. Only one reflector is needed to be clean

D. It does not matter if reflectors are loose

8. What must be true about the lug nuts?

A. All must be the same color

B. They should be secure and tight, no excessive rust

C. All must be of the same size

D. Must be modified for better grip

9. What condition should the engine compartment door be in?

A. Must be secure and tight

B. It can be slightly ajar

C. Should be loose for ventilation

D. Only needs to close properly

10. Which of the following is crucial for a bus operator to ensure customer trust?

A. Offering discounts for late arrivals

B. Focusing solely on speed

C. Maintaining punctuality in service

D. Utilizing larger buses

Answers

1. B
2. A
3. B
4. B
5. A
6. A
7. B
8. B
9. A
10. C

Explanations

1. What should be checked for the fuel filler access door?

A. It should be easily opened

B. It should be secure and the fuel cap should be tight

C. It should be painted in bright colors

D. It should have visible safety warnings

The requirement for the fuel filler access door to be secure and for the fuel cap to be tight is essential for several reasons. A secure fuel filler access door helps prevent unauthorized access and potential tampering with the fuel system. This security feature is particularly important for bus operations, as it protects against fuel theft and avoids any contamination of the fuel supply. Moreover, having a tight fuel cap is crucial for maintaining the integrity of the fuel system. A loose or improperly sealed fuel cap can lead to fuel evaporation, which can contribute to increased emissions and potentially violate environmental regulations. Additionally, maintaining the proper pressure within the fuel system ensures optimal performance and efficiency of the vehicle. Overall, these checks promote not just the security and functionality of the fuel system, but also align with safe operational practices for MTA buses, ensuring reliability and compliance with safety standards.

2. What is checked when inspecting the air bags?

A. Presence of audible leaks and secure mounting

B. Color of the air bags

C. Size compared to other air bags

D. Weight capacity

When inspecting air bags, checking for the presence of audible leaks and secure mounting is essential. This ensures that the air bags are functioning properly and can be relied upon in case of an emergency. If an air bag has a leak, it may not deploy properly when needed, which can compromise safety. Secure mounting is equally important; if the air bags are not firmly attached, they might not activate correctly, which can lead to serious consequences during incidents. The other aspects, such as the color of the air bags, their size compared to others, or weight capacity, are not critical checks during a routine safety inspection. The condition of the air bags, specifically regarding leaks and mounting, directly affects their reliability and effectiveness in protecting passengers.

3. What is the expected condition of the front bumper?

A. It can be loose

B. It must be secure

C. Only the appearance matters

D. It does not need to be present

The front bumper of a bus plays a crucial role in both safety and vehicle integrity. It is designed to absorb impacts, protect passengers, and help maintain the structural integrity of the vehicle. For these reasons, the front bumper must be secure. A secure bumper ensures that it will properly perform its protective functions in the event of a collision. Loose bumpers can detach during driving, posing risks to the bus and other road users. In addition, the front bumper supports the alignment of other vehicle components and contributes to the overall safety features mandated by regulatory standards. Therefore, maintaining a secure condition for the bumper is not just a matter of appearance but is fundamentally linked to operational safety and compliance with regulations.

4. Which of the following describes the acceptable condition of the rim?

A. Must be shiny and polished

B. No cracks, dents, rust, or illegal welds

C. Should be painted with heat-resistant paint

D. Must fit snugly to the tire

The acceptable condition of the rim is described accurately by stating that it must have no cracks, dents, rust, or illegal welds. A rim that is free from these defects is crucial for ensuring the safety and integrity of the wheel assembly. Cracks can compromise the structural strength of the rim, which can lead to failure while driving. Dents can result in improper seating of the tire, which may lead to air loss or blowouts. Rust can weaken the material over time and may indicate corrosion, which further affects the rim's reliability. Illegal welds suggest that repairs have been made that do not meet safety standards, which can also jeopardize the performance of the wheel. In contrast, while having a shiny and polished rim may be visually appealing, it is not a measure of safety or functionality. The use of heat-resistant paint has specific applications, but it does not directly relate to the rim's condition relevant for proper operation. Similarly, while a snug fit to the tire is important, the primary concern when assessing the condition of the rim itself focuses on the absence of physical damage and imperfections. Thus, the stated condition accurately reflects the necessary criteria for rims to ensure vehicle safety on the road.

5. What is the purpose of using the bus fare box?

A. To collect fare payments from passengers

B. To store lost items

C. To keep track of passenger counts

D. To dispense change

The bus fare box's primary function is to collect fare payments from passengers. It serves as the mechanism through which riders pay for their journey, ensuring that the fare collection process is efficient and organized. Passengers deposit their fares directly into the box, which is designed to securely hold the funds until they can be accessed and processed by bus personnel. This system is integral to the overall operation of public transportation, as it allows for the smooth flow of service by ensuring that only those who pay the required fare can access the bus. It also helps in maintaining financial accountability for the transit system, ensuring that income is properly tracked and managed. The other options, while related to the bus's operations, do not pertain to the primary function of the fare box. It is not intended for storing lost items, which is typically the responsibility of lost and found services. Tracking passenger counts usually involves separate systems or methods, such as automated counters or manual logs. Dispensing change is also not a role of the fare box, as most systems provide a way to pay exact fare or may have different methods for handling change transactions.

6. What should be verified when checking leaf spring mounts?

A. They must be securely mounted to the frame

B. They should have a rust-proof coating

C. They need to be made of aluminum

D. All parts should be replaceable

When checking leaf spring mounts, it is crucial to ensure that they are securely mounted to the frame. This is vital for the overall safety and stability of the vehicle, as the leaf springs play a key role in supporting the weight of the bus and maintaining proper ride height. If the mounts are not secure, it can lead to misalignment, excessive wear on other components, or even failure of the suspension system while the bus is in operation. Secure mounting is essential to prevent any shifting or movement that could negatively impact the bus's handling and performance on the road. While other aspects, like corrosion resistance or material type, may have their importance, the immediate need for secure attachment to the frame is paramount for ensuring the bus's operational integrity and the safety of passengers and drivers alike.

7. What is the requirement for reflectors on the vehicle?

A. Reflectors must be dirty and securely mounted

B. They should be clean and securely mounted for visibility

C. Only one reflector is needed to be clean

D. It does not matter if reflectors are loose

The requirement for reflectors on a vehicle is that they should be clean and securely mounted for optimal visibility. Clean reflectors ensure that they can effectively reflect light, enhancing the visibility of the vehicle to other road users, especially in low-light conditions. Properly secured reflectors prevent any potential for them to come loose or detach while the vehicle is in motion, which would compromise safety. Maintaining both cleanliness and secure attachment is essential to fulfilling safety regulations and ensuring that the reflectors serve their intended purpose of increasing visibility and preventing accidents.

8. What must be true about the lug nuts?

A. All must be the same color

B. They should be secure and tight, no excessive rust

C. All must be of the same size

D. Must be modified for better grip

The correct choice emphasizes the importance of safety and proper maintenance for lug nuts. Lug nuts should always be secure and tight to ensure that the wheel is properly fastened to the vehicle. If lug nuts are loose, it can lead to wheel detachment while the vehicle is in motion, posing a significant safety risk. Additionally, there should be no excessive rust on the lug nuts, as rust can compromise their integrity and lead to potential failure. Regular checks for tightness and condition are vital to prevent accidents and ensure the vehicle operates safely. The other options, while they touch on various aspects of lug nut specifications, do not hold the same critical safety implications. For instance, while color and size might play a role in visual uniformity or compatibility with specific wheels, they are not as crucial as the functional aspect of ensuring that the lug nuts are secure and in good condition. Modifying lug nuts for a better grip may also introduce complications or invalidate warranties, so it is not a standard requirement for their use. Thus, the focus on their security and condition is paramount.

9. What condition should the engine compartment door be in?

A. Must be secure and tight

B. It can be slightly ajar

C. Should be loose for ventilation

D. Only needs to close properly

The engine compartment door must be secure and tight to ensure that it fully contains all engine components and fluids. A secure door prevents the risk of engine components being dislodged during operation, which could lead to malfunctions or safety hazards. It also ensures that any fluids, such as oil or coolant, do not leak out, which would compromise the vehicle's operation and safety. Additionally, a tightly secured door helps protect against debris and contaminants that could enter the engine compartment while driving, thus maintaining optimal performance and reliability of the engine. This condition plays a critical role in ensuring the overall safety and functionality of the bus during operation.

10. Which of the following is crucial for a bus operator to ensure customer trust?

A. Offering discounts for late arrivals

B. Focusing solely on speed

C. Maintaining punctuality in service

D. Utilizing larger buses

Maintaining punctuality in service is essential for building customer trust in the role of a bus operator. When a bus service consistently arrives and departs on time, it demonstrates reliability and professionalism, fostering a sense of dependability among passengers. Customers rely on public transportation to adhere to their schedules, and when buses are punctual, it positively impacts their travel experience. Punctuality also reflects the operator's commitment to providing quality service, which can strengthen the relationship between the operator and the passengers. When people know they can count on the bus service to be on time, they are more likely to continue using it and recommend it to others, ultimately leading to increased ridership and customer loyalty. In contrast, options related to offering discounts, focusing exclusively on speed, or utilizing larger buses may not directly contribute to a sense of trust. Discounts for late arrivals could indicate unreliability, and prioritizing speed could compromise safety and comfort. Larger buses, while potentially accommodating more passengers, do not address the critical aspect of punctuality that reinforces customer confidence in the service.