**Pre-Trip Vehicle Inspection: Brake System**

**Virtual Reality Training**

**Control Test Outline**

This Outline can be used as a reference for the interactions included in the Control Test. It can also be helpful if you or the learner is unsure of what to do next.

**TRAINER NOTE:** You may consider talking through these actions with learners before getting into the headset.

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| **Audio Description** | **Required Action(s)** |
| Welcome to the Control Test for Pre-Trip Vehicle Inspection: Brake System training. Here you'll learn how to complete specific interactions that you'll need to know before the evaluation. First, make sure the wheels are chocked before you get in the cab to start your inspection.  Use the thumbstick on your controller to teleport to the wheel chock. Reach for the wheel chock and pull the trigger on your controller to grab it. Then move your hand to the unchocked side of the wheel and release the trigger to place it. | * Listen to the introduction. * Teleport to the wheel chocks.   + Press the thumbstick down like a button.   + Aim the teleport target near the wheel chock.   + Release the thumbstick button. (When the button is released, the learner will be teleported to the target on the ground.) * Place the wheel chock.   + Reach for the wheel chock.   + Pull the trigger on the controller to grab the chock.   + Move your hand to a placement location behind one of the drive wheels.   + Release the trigger to place the chock. |

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| Great! Now, teleport to the cab door. Move your hand toward the door handle. Then pull the trigger on the controller to enter the cab. | * Teleport to the cab door.   + Press the thumbstick down like a button.   + Aim the teleport target near the cab door.   + Release the thumbstick button. (When the button is released, the learner will be teleported to the target on the ground.) * Open the cab door.   + Reach for the cab door handle.   + Pull the trigger on the controller to grab the handle.   + While holding the trigger, move your hand toward you to open the door. |
| You need to know how to interact with the controls you'll use during your inspection. We'll start with the trailer supply button. Reach for the red trailer supply button. Then pull the trigger on your controller to grab it. | * Grab the red trailer supply button.   + Reach for the red trailer supply button.   + Pull the trigger on the controller to grab the button.   + The state of the button will appear. |
| You'll see the button is currently out. Push in the button to release the trailer parking brakes. | * Push in the red trailer button.   + While holding the trigger, move your hand away from you to push in the button. |
| Good job! Now reach for the red trailer supply button again. Then pull the trigger on your controller to grab it. | * Grab the red trailer supply button.   + Reach for the red trailer supply button.   + Pull the trigger on the controller to grab the button. (The state of the button [In or Out] will appear.) |
| You'll see the button is currently in. Pull out the button to apply the trailer parking brakes. The yellow parking brake button will work the same way. | * Pull the red trailer button.   + While holding the trigger, move your hand toward you to pull the button. (The state of the button will appear.) |
| Next, turn the key switch to the ON position. Reach for the switch and pull the trigger on your controller to grab it. Turn your hand an eighth-turn to the right. Then release the trigger on your controller. | * Turn the key switch to the ON position.   + Reach for the key.   + Pull the trigger on the controller to grab the key.   + While holding the trigger, turn the controller to the right, to the ON position. |

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| To start the engine, reach for the key switch and pull the trigger on your controller to grab it. Turn your hand another eighth turn to the right and hold it there until you hear the engine start. Then release the trigger. | * Start the engine.   + Reach for the key.   + Pull the trigger on the controller to grab the key.   + While holding the trigger, turn the controller to the right.   + Release the trigger after you hear the engine start up. |
| Excellent! You'll also need to use the foot pedals. Look down below the steering wheel to see those. Activate your laser pointer. Point it at the service brake pedal and pull the trigger to select it. This will bring up three options: PRESS, PUMP, and RELEASE. | * Select the service brake pedal.   + Activate the laser by pressing a face button (A, B, X, or Y) on the controller.   + Once activated, point the laser at the service brake pedal.   + Pull the trigger on the controller to select the pedal.  (Three options will appear above the steering wheel.) |
| Go ahead and choose the PRESS button with your laser pointer and trigger to fully engage the service brakes. This will hold the pedal down until you select it again and choose a new option. | * Select the PRESS option.   + Point the activated laser at the “PRESS” button in the options above the steering wheel. (The orange button will turn blue when hovered.)   + Pull the trigger on the controller to select the button. |
| Nice work! You'll need to release the service brake pedal before you can engage the accelerator pedal. Select the service brake pedal again with your laser pointer and trigger. | * Select the service brake pedal.   + Point the activated laser at the service brake pedal.   + Pull the trigger on the controller to select the pedal.  (Three options will appear above the steering wheel.) |
| Now choose RELEASE from the button options to release the service brakes. | * Select the RELEASE option.   + Point the activated laser at the “RELEASE” button in the options above the steering wheel.  (The orange button will turn blue when hovered.)   + Pull the trigger on the controller to select the button. |
| Next, select the accelerator pedal. Point your laser at it and pull the trigger on your controller. This will bring up three options: PRESS, PARTIALLY ENGAGE, and RELEASE. | * Select the accelerator pedal.   + Point the activated laser at the accelerator pedal.   + Pull the trigger on the controller to select the pedal.  (Three options will appear above the steering wheel.) |
| Go ahead and choose PARTIALLY ENGAGE from the button options. This will hold the pedal partially down until you select it again and choose a new option. | * Select the PARTIALLY ENGAGE option.   + Point the activated laser at the “PARTIALLY ENGAGE” button in the options above the steering wheel.  (The orange button will turn blue when hovered.)   + Pull the trigger on the controller to select the button. |
| Now, select the accelerator pedal with your laser pointer and trigger again. | * Select the accelerator pedal.   + Point the activated laser at the accelerator pedal.   + Pull the trigger on the controller to select the pedal.  (Three options will appear above the steering wheel.) |
| Choose RELEASE from the button options to release the accelerator pedal. | * Select the RELEASE option.   + Point the activated laser at the “RELEASE” button in the options above the steering wheel.  (The orange button will turn blue when hovered.)   + Pull the trigger on the controller to select the button. |
| Now, find the gear shifter. Move your hand toward the shifter. Pull the trigger on your controller to grab it. Move your hand along the shift pattern until you see "Drive" is selected. Then release the trigger. | (For Automatic Transmission only.)   * Move the shifter to the “Drive” position.   + Reach for the shifter with your controller.   + Pull the trigger on the controller to grab the shifter. (A widget will appear with the shift pattern.)   + While holding the trigger, pull the shifter down.   + Release the trigger when the shifter is in the “Drive” position. |
| Good! Now, point the laser pointer at the clutch. Then pull the trigger to select it. This will bring up three options: PRESS, PARTIALLY ENGAGE, and RELEASE. | (For Manual Transmission only.)   * Select the clutch pedal.   + Activate the laser by pressing a face button (A, B, X, or Y) on the controller.   + Once activated, point the laser at the clutch pedal.   + Pull the trigger on the controller to select the pedal. (Three options will appear above the steering wheel.) |

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| Choose the PRESS button with your laser pointer to push in the clutch. | (For Manual Transmission only.)   * Select the PRESS option.   + Point the activated laser at the “PRESS” button in the options above the steering wheel. (The orange button will turn blue when hovered.)   + Pull the trigger on the controller to select the button. |
| Now, find the gear shifter. Move your hand toward the shifter. Pull the trigger on your controller to grab it. Move your hand along the shift pattern until you see first gear is selected. Then release the trigger. | (For Manual Transmission only.)   * Move the shifter to the “First Gear” position.   + Reach for the shifter with your controller.   + Pull the trigger on the controller to grab the shifter. (A widget will appear with the shift pattern.)   + While holding the trigger, move the shifter to the “First Gear” position.   + Release the trigger when the shifter is in the “First Gear” position. |
| Way to go! We'll assume you already shifted into Neutral and set the parking brakes. Now get out of the cab to finish your inspection. Move your hand to the cab door handle. Then pull the trigger on the controller to exit the cab. | * Get out of the cab.   + Reach for the cab door handle with the left controller.   + Pull the trigger on the controller to grab the handle.   + While holding the trigger, pull the handle. (The door will open.) |
| Teleport near the "Finish Inspection" button. You'll see a target on the ground showing you where to stand. | * Teleport to the “Finish Inspection” button.   + Press the thumbstick down like a button.   + Aim the teleport target toward the marked spot on the ground near the other truck.   + Release the thumbstick button. (When the button is released, the learner will be teleported. This might need to be done a couple times to get to the marked spot on the ground.) |

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| Select the "Finish Inspection" button with your laser pointer and trigger. This will end your session and a final scoreboard will appear. | * Select the “Finish Inspection” button.   + Point the activated laser at the “Finish Inspection” button.  (The orange button will turn blue when hovered.   + Pull the trigger on the controller to select the button. (The question “Do you want to finish the inspection?” will appear.) * Select the “Yes” button to finish the inspection.   + Point the activated laser at the “Yes” button. (The orange button will turn blue when hovered.)   + Pull the trigger on the controller to select the button. |
| Now you can select the "Return to Lobby" button if you want to return to the lobby. Select the "Restart" button if you want to complete this mode again. | (The learner will see the scoreboard. They can interact with each category of brakes.)   * Select the “Return to Lobby” button.   + Point the activated laser at the "Return to Lobby" button.   + Pull the trigger on the controller to select the button. * Select the “Restart” button to redo the Control Test.   + Point the activated laser at the “Restart” button.   + Pull the trigger on the controller to select the button. |