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

**Virtual Reality Training**

**Module Overview**

**Handout**

The vehicle’s brake system works to slow and stop the vehicle when needed. A professional driver must perform the necessary brake checks during a pre-trip inspection.

This training is designed to allow learners to practice and then demonstrate proficiency in completing the pre-trip brake system inspection process.

### Learning Objectives

After completing this training, learners will be able to:

* Demonstrate how to prepare for an in-vehicle brake system inspection, and
* Demonstrate how to complete an air brake test, parking brake check, and service brake check.

### Training Scenario

The learner will inspect a realistic virtual reality (VR) model of a tractor and trailer. They will move in and out of the cab, interact with accurately positioned controls within the cab, and move around the truck to remove the wheel chocks just as they would in the real world.

The learner will complete an air brake test, parking brake check, and service brake check. They will also answer a series of questions throughout each section. At the end of each brake system section, they will see an inspection report that shows the parts they identified as defective.

### Training Modes

This module includes the following training modes:

* Control Test,
* Practice, and
* Evaluation.