



Brake Safety Week

August 21-27, 2022

Brake hoses properly mounted and spaced can prevent chafing.

During Brake Safety Week, commercial motor vehicle inspectors focus on the importance of brake systems by conducting inspections and removing commercial motor vehicles found to have brake-related out-of-service violations from our roadways.

10 Brake Hose and Tubing Tips

Brake Safety Week's focus is on maintaining brake components and brake adjustment; however, our recent campaigns have also emphasized the importance of proper brake hose and tubing installation, inspection and maintenance. Brake hose chafing is one of the more common vehicle violations and one that can affect a motor carrier's safety rating. Here are some tips from commercial motor vehicle inspectors to help ensure brake hoses and tubing have no issues.

1. Inspect brake hoses and tubing as part of your pre-trip and post-trip inspections.
2. Report any issues in your driver vehicle inspection reports (DVIR).
3. Look for brake hoses that are making contact with steering, suspension, brake or other components, or the tires or frame.
4. Listen for air leaks, identify the location of the leak, and make the necessary repairs before leaving.
5. Brake hoses should not be kinked or improperly repaired.
6. Air lines should not hang down and touch the tractor deck or frame.
7. When you find air hoses or tubing making contact with other components, check for abrasion wear, and protect, secure or move the hose to prevent wear.
8. If a hose or tubing is chafing and has caused a reduction in diameter or, on thermoplastic hoses, the secondary white color is visible, a violation exists.
9. If a hose is worn so that the reinforcement ply is cut or abraded, this is an out-of-service condition and should be replaced immediately.
10. Make sure all repairs are consistent with manufacturer's requirements and guidelines.



A reduction in brake hose diameter (e.g. due to active chafing) is a violation.



A brake hose chafed into the reinforcement ply is an out of service violation.



This improper brake hose repair is an out-of-service violation.

For more information, visit www.OperationAirbrake.org.

