



Service Data

SD-13-4757

Bendix® A-18™ Trailer ABS (Gen 4™ and Gen 5™ ABS)



GEN 4™ AND GEN 5™ ABS INTRODUCTION

This manual describes the Bendix® A-18™ trailer ABS system and contains two primary sections:

- Installation
- Service

The Installation section provides the information required for the proper installation of a FMVSS-121 compliant trailer air brake systems that incorporate the Bendix Trailer ABS system and complementary trailer components.

The Service section of the manual includes the information necessary to properly maintain, troubleshoot and repair the A-18™ trailer ABS system.

Following the installation, service, and troubleshooting procedures contained in this manual will produce a high performance, long life, low maintenance antilock braking system.

For assistance in your area call Bendix at 1-800-247-2725 or RoadRanger® at 1-800-826-4357.

Benefits of Trailer ABS

ABS-controlled trailer braking ensures optimum vehicle stability while minimizing the stopping distance. During vehicle operation, the trailer ABS Electronic Control Unit (ECU) continuously monitors all wheel speed sensors. Data input from the wheel speed sensors allows the ECU to:

- Detect impending wheel lock.
- Maintain optimum wheel slip.
- Maximize overall braking effectiveness.
- Minimize tendencies for trailer swing out during hard braking conditions.

Document Revision Level

This document is subject to revision.
For updates please visit www.bendix.com.

FIGURE 1 - ABS Controller Assemblies

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