

**Subject: Bendix® TABS-6™ Trailer ABS Standard (or Premium):
All Wheel Speed Sensor Loss of Signal DTC**

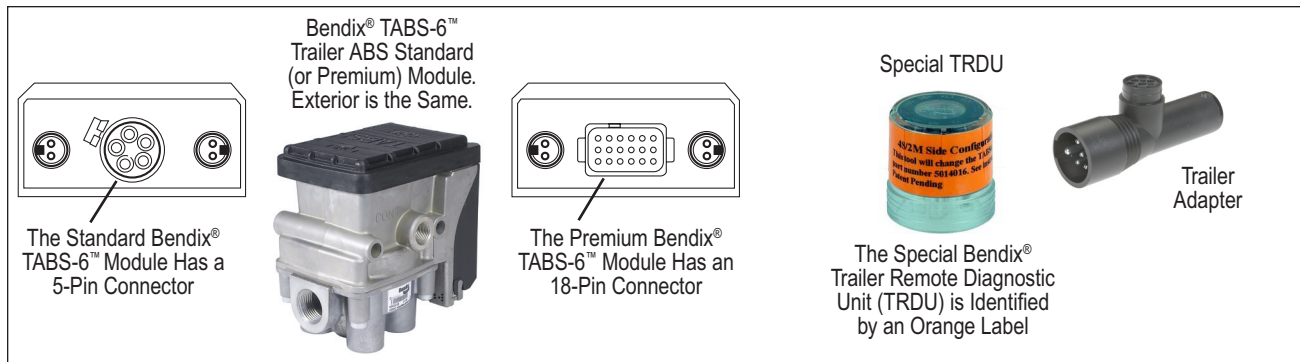


FIGURE 1 - BENDIX® TABS-6™ TRAILER ABS UNIT, SPECIAL TRDU, AND ADAPTER

The purpose of this Bulletin is to alert technicians investigating an illuminated ABS lamp on trailers equipped with Bendix® TABS-6™ Trailer ABS Standard (or Premium) modules where the Diagnostic Trouble Code (DTC) indicates a Speed Sensor: Loss of Signal error for all sensed wheels.

This Bulletin covers trailers (triples, doubles, B-Trains, or full trailers) with MULTIPLE Bendix TABS-6 Standard (or Premium) modules where the Bendix TABS-6 module receives data over the PLC (Power Line Carrier). The DTCs are incorrectly set when a Bendix TABS-6 module receives a message via the J2497 communication link from a second Bendix TABS-6 module which it misinterprets as a message from the tractor indicating that the vehicle is moving, while its own sensors do not show any wheels as turning.

For technicians who are diagnosing systems using blink codes:

- (a) in the case of a 2S/1M (two sensor, one modulator) configuration, the DTCs stored correspond to BOTH a blink code of 2-2 AND ALSO a blink code of 3-2.
- (b) For a 4S/2M (four sensor, two modulator) configuration, the blink codes found will be ALL FOUR of the following: 2-2, 3-2, 4-2, AND 5-2.

Technicians can use either of the following two processes to configure the module to disable the J2497 broadcast options and prevent any further DTCs due to this issue:

1. Use Bendix® ACom® Diagnostics Software.

The J2497 Broadcast Options can be disabled using Bendix ACom Diagnostics Software. A free download is available at www.bendix.com, or you may order a CD (item number BW2329) from the Literature Center on bendix.com. Bendix ACom Diagnostics communicates via your computer's serial, parallel or USB port through an RP-1210A compliant device that connects to the vehicle's diagnostic connector.

OR,

2. Use a special Bendix® Trailer Remote Diagnostic Unit (TRDU) — Part number K069555.

Note: Particular care should be taken to ensure that the TRDU remains connected until the LED sequence indicating a successful configuration is displayed. Refer to the instruction sheet that comes with the special TRDU for more details. Failure to complete the configuration can result in an ECU 6 (Configuration) DTC. Should this occur, re-apply the special TRDU.

Subject: **Bendix® TABS-6™ Trailer ABS Standard (or Premium):
All Wheel Speed Sensor Loss of Signal DTC**

Bendix Technical Assistance Team

For direct personal technical support, call the Bendix Tech Team technical assistance center at:

1-800-AIR-BRAKE (1-800-247-2725),

Monday through Friday, 8:00 A.M. to 6:00 P.M. EST, and follow the instructions in the recorded message.

Alternatively, you may e-mail the Bendix Tech Team at:

techteam@bendix.com.