Technical Bulletin

Bendix®

Subject: **Troubleshooting Bendix® ABS, ATC & ESP® EC-80™ Controllers**

The family of Bendix® ABS, ATC & ESP® EC-80™ Controllers have been in production since the final quarter of 2014. These Controllers communicate using the J1939 bus only.

To troubleshoot a Bendix EC-80 Controller, use the latest version of the Bendix® ACom® Diagnostic Software (version 6.7.2.5 or higher), available as a free dowload from the Bendix web site (www.bendix.com).

If you wish to verify if your current Bendix ACom Diagnostic Software is version 6.7.2.5 or higher, simply:

1. Launch the Bendix ACom Diagnostic Software.

2. Select the "Help" tab, the select "About".

3. The current software version will be displayed.

4. If needed, visit www.bendix.com for the latest download.

When troubleshooting with a Bendix® Remote Diagnostic Unit (RDU™), use the latest release of the tool, part number K101596N001. Please note that earlier versions of the Bendix RDU tool are not compatible with the Bendix EC-80 Controllers.

NOTE: Be sure to use Bendix ACom Diagnostic Software version 6.8.3.2 or later when troubleshooting Cummins® Inline adapters 5 and 6.

Reference Documents:

For Bendix® ABS/ATC EC-80™ Controllers dowload/order Bendix Service Data Sheet SD-13-4983.
For Bendix® ESP EC-80™ Controllers download/order SD-13-4986.

Downloads: Go to the Document Library on www.bendix.com for Service Data Sheets.

Printed Copies: Literature can be ordered directly from the on-line Bendix Literature Center. To register or to access your existing account, visit www.bendix.com and click on the "Marketing Center" tab at the top of the bendix.com homepage, or use the link on www.foundationbrakes.com.

ALL Connectors Are Used

Bendix® ESP®
EC-80™ Controller

Three Connectors Are Used

Bendix® ATC
 EC-80™ Controller

Two Connectors Are Used

Bendix® ABS
EC-80™ Controller

FIGURE 1 - THE FAMILY OF BENDIX® *EC-80™* CONTROLLERS

Immediate free downloads from www.bendix.com (or order BW2329)

Use p/n K101596N001. The previous versions (801869 and K101596) do not support this family of devices.
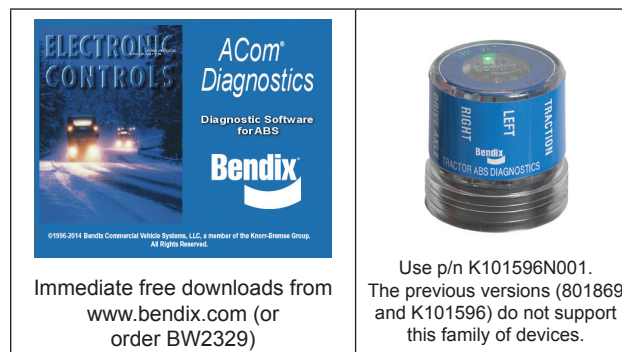
FIGURE 2 - *BENDIX® ACOM® DIAGNOSTIC SOFTWARE & THE BENDIX® REMOTE DIAGNOSTIC UNIT (RDU™)*

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