

Bendix® Diagnostic Units

*Fast and Easy Troubleshooting
In A Pocket-Size Package*

The Bendix® Remote Diagnostic Unit (RDU), Trailer Remote Diagnostic Unit (TRDU) and Data Link Monitoring Unit™ (DLMU™) are the smallest and most cost-effective tractor- and trailer-based ABS diagnostic tools on the market.

Bendix Diagnostic Units Are:

- Easy to read
- Fast and accurate
- Easy to reset once the ABS system repair is complete**
- Compatible with the complete range of Bendix® tractor and trailer ABS components

No blink codes...

No computers...

No complicated instructions.



***A magnet over the center of the RDU and TRDU, is all it takes to clear the diagnostic trouble codes.*

RDU, TRDU & DLMU Troubleshooting:

If the ABS system has no active trouble codes or faults, only the green VLT LED will remain lit. This indicates the system is receiving the proper voltage. If the ABS system has at least one active trouble code/fault, the red LEDs will illuminate to indicate the malfunctioning ABS component and its location on the vehicle. If the DLMU™ does not detect any devices on either the J1939 or J1708 link, it will indicate this by illuminating each red LED individually in a clockwise pattern. This pattern indicates no response from any of the requested devices and will continue until a device responds or the tool is disconnected from the 9-pin diagnostic connector.

Small. Simple. Powerful.

Keep your vehicles on the road and out of the shop. The portable package of diagnostic units from Bendix – including the Bendix® RDU, TRDU and DLMU™ – offer quick and accurate diagnostics for your Bendix ABS system. Find our more. Talk to your Bendix Account Manager, call 1-800-AIR-BRAKE, or visit www.bendix.com/diagnostics today.

Bendix ABS Troubleshooting... The Code Ahead is Clear.

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Remote Diagnostic Units

*Powerful ABS Troubleshooting
in a Portable Package*



Remote Diagnostic Unit



Trailer Remote Diagnostic Unit



Data Link Monitoring Unit™

Remote Diagnostic Unit (RDU)

The Bendix® RDU simply plugs into the 9-pin diagnostic connector in the cab of the vehicle. The green LED will flash **four (4)** times to indicate that communication has been established. Once connected, the unit will begin monitoring the Bendix® tractor-based ABS systems. Components requiring attention will be indicated by illuminated LEDs.



Part Numbers:

Bendix® Remote Diagnostic Unit: K101596
 9-Pin to 6-Pin Adapter Cable: 801872
 9-Pin to 9-Pin Extension Cable: 802229



Trailer Remote Diagnostic Unit (TRDU)



Similar to the RDU, the Bendix® TRDU plugs into the 7-pin connector using an adapter. The green LED will flash **four (4)** times to indicate that communication has been established. By connecting through the blue wire of the trailer electrical connector, the Bendix TRDU will begin providing immediate systems status, displaying which ABS component needs attention using colored LED lights.

Part Numbers:

Bendix® Trailer Remote Diagnostic Unit: K101597
 7-Pin Adapter: 802165

The 7-pin adapter allows the Bendix® TRDU to communicate through the blue wire of the trailer electrical connector at the nose or rear of the trailer, to the trailer ABS unit.



Data Link Monitoring Unit™ (DLMU™)

The DLMU is powered when plugged into the 9-pin diagnostic connector. Once communication has been established, the DLMU will monitor the various electronic components – indicating which are “broadcasting” by illuminating a series of red LEDs. Components monitored include the engine, brake, IP, cluster and body controllers.



Part Numbers:

Bendix® Data Link Monitoring Unit™: K022055

The DLMU™ Indicates the Following Component

Component	Data Link	
Engine Controller	J1708	J1939
Transmission Controller	J1708	J1939
Brake Controller	J1708	J1939
IP Cluster	J1708	N/A
Cluster	N/A	J1939
Body Controller	N/A	J1939



Top View of the Bendix® Data Link Monitoring Unit™