

## **BENDIX® REMOTE DIAGNOSTIC UNIT (RDU)**

### **Powerful ABS troubleshooting for tractors in a portable package**

#### **Small, Simple, Powerful**

The Bendix® RDU is a small, portable diagnostic tool for troubleshooting Bendix® tractor based ABS systems. The unit simply attaches to the vehicle's 9-pin diagnostic connector and the LEDs illuminate to direct you to the component that needs attention. No blink codes. No handhelds. No computers. No complicated instructions. Just fast and easy troubleshooting!

**Easy to Use:** The RDU is intuitive and easy to use so your maintenance staff can spend less time learning how to work with the tool and more time fixing the problem.

**Low Cost:** The original patent pending design provides exceptional functionality at a very affordable price. Eliminate tool sharing by putting an RDU in every toolbox.

**Compact Size:** It's only 1-1/2" in diameter by 1-5/8" tall. And because it's portable, you can use it in the shop or take it wherever you need to go.

**Compatible:** The flexible Bendix® RDU supports the complete range of Bendix ABS components, including the Bendix® EC-60, EC-30, EC-17, Gen 5, and Gen 4 Electronic Control Units (ECUs).

#### **How the Bendix RDU Works**

The Bendix® RDU simply plugs into the 9-pin diagnostic connector in the cab of the vehicle. The green LED will flash four times to indicate communications have been established.

#### **Troubleshooting**

If the ABS system has no active trouble codes or faults, only the green VLT LED will remain lit to indicate that the system is receiving the proper voltage. If the ABS system has at least one active trouble code/fault, the red LEDs will light up to indicate the malfunctioning ABS component and its location on the vehicle.



## BENDIX® REMOTE DIAGNOSTIC UNIT (RDU)

Once The Repair is Complete, It's Easy to Reset The Bendix RDU. Reset Functions Include:

**Clearing Diagnostic Trouble Codes:** To clear diagnostic trouble codes, simply hold a magnet over the center of the RDU for less than six (6) seconds.

**Self Configuration Command:** To initiate the Bendix ABS self configure command, hold a magnet over the center of the RDU for more than six (6) seconds, but less than 30 seconds.

*Note: The RDU is specifically designed for use with Bendix ABS. The Bendix RDU is not intended for operation and/or function with ABS supplied by other manufacturers.*

Place Your Order With These Bendix Part Numbers:

- Bendix RDU Remote Diagnostic Unit – 801869
- 9-pin to 6-pin adapter cable – 801872
- 9-pin to 9-pin extension cable – 802229

### The Bendix® RDU Fast Facts

FEATURES	BENDIX RDU
Color	Blue
Vehicle Use	Tractor
Communication	J1587
Connector Interface	9-pin diagnostic connector
Adapters	9-pin to 6-pin adapter cable 9-pin to 9-pin extension cable

### Understanding the LED Indicators for the Bendix RDU

VLT – Power/Communication  
ECU – ABS Controller  
SEN – Wheel Speed Sensor  
MOD – Pressure Modulator  
TRC – Traction Control  
LFT – Left  
RHT – Right  
DRV – Drive Axle  
ADD – Additional  
STR – Steer Axle



*A magnet over the center of the RDU is all it takes to clear diagnostic trouble codes, or to initiate the Bendix ABS self configure command on the Bendix RDU.*

## Fast and Easy ABS Troubleshooting In a Pocket-Size Package

**Keep your vehicles on the road and out of the shop. The portable package of remote diagnostic units from Bendix, including the Bendix RDU and Trailer RDU offer quick, accurate diagnostics for your Bendix® ABS system. Find out more. Talk to your Bendix Account Manager, call 1-800-AIR-BRAKE or visit [www.bendix.com](http://www.bendix.com) today.**