

DPA III/I Quick Start Guide

This guide explains basic DPA product installation. Refer to the manual on the installation CD for more details.

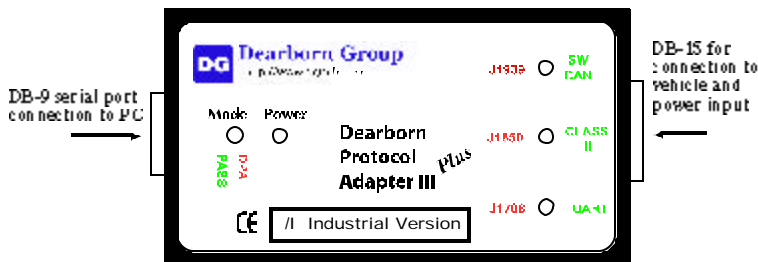
Package Contents

- DPA III/I Hardware Adapter
- RS-232 serial cable (6-foot length, DB-9 connectors)
- DG Installation CD-ROM with the following content:
 - DPA Native Drivers
 - Other debugging applications
 - DPA User's Manual (as a PDF file)

Hardware Layout

The following illustration identifies key components of the DPA III/I Hardware Adapter.

DPA III/I



A. Connecting the DPA

The DPA unit uses the following cable connections.

- From DPA to Computer (host): DB-9 for RS-232 cable (included)
- From DPA to Truck (vehicle): DB-15 for connection to vehicle network and power (uses optional cable)

To connect the DPA:

1. Connect one end of the included RS-232 cable to the serial port connector of the DPA. Connect the other end of the cable to the serial port of the PC computer.
2. Connect one end of the *optional* diagnostic cable to the DB-15 (15-pin) connector of the DPA. Connect the other end of the cable to the truck (or other vehicle) diagnostic Deutsch connector. Power to the DPA is supplied through this connector. The DPA power source can be obtained from the vehicle (using a DG cable) or a source of supply that provides 9-32 VDC, 250 mA. If a DG cable is not used, pinout information for the product that corresponds to the label on the endplate of the DPA is available in Appendix D of the DPA Family Manual (included on the DG Installation CD-ROM).

B. Installing the Software

The DPA package includes a *DG Installation CD-ROM* with the program files needed to operate and use this product.

To install the DPA Program:

1. Insert the *DG Installation CD-ROM* into your CD-ROM drive. This will automatically start the "Dearborn Protocol Adapter Installation" application. The **Dearborn Protocol Adapter Installation: – Main Menu** screen appears. **Note:** If the installation program does not automatically start running, use Windows Explorer to locate the file named **DPAInstall.EXE** on your CD-ROM drive. Double-click (i.e., open) this file to start the installation.
2. Select the software driver you need.
 - a. For Customers running Dearborn Group specific software such as DLM or writing a DPA specific application, click **Install Dearborn Protocol Adapter Native Drivers**. The *Dearborn Protocol Adapter 8x Drivers* install screen appears. Click **Next**. In the *Destination Location* dialog, click **Next**. In the *Select Components* dialog, check the Industrial Drivers and click **Next**. In each of the following two *Replace Files* dialog, select **Yes** to install the files. Click **Finish**. You must restart your computer to complete the installation.

