

JPRO® DLA+ Adapter Family Connection Guide

(Current as of 5/7/2009)

Setting Up Diagnostic PC Applications

The diagnostic applications supported by the Noregon DLA+ (and the DLA+PLC) adapter use varying methods of vehicle communication device selection. This section provides instructions for configuring some of the PC diagnostic application currently available for use with the Noregon DLA+ and the Noregon DLA+PLC adapters.




NOTES:

Noregon DLA+ and Noregon DLA+PLC users should install the software drivers designed for their product. Unless specified differently, the same instructions apply to both adapters. For some diagnostic applications the user will need to select 'NORCAN32' for the DLA+ or the 'NORPLC32' for the DLA+PLC. Braking diagnostic software users will need to use the PLC (Power Line Carrier) protocol with the Noregon DLA+PLC adapter when connecting to trailers.



The instructions provided here are based on the application settings at the time this guide was developed.

If you need assistance setting up these diagnostic PC applications, contact Noregon Systems Help Desk at 1-336-768-4337 ext. 150 between 8:00 am - 6:00 pm EST, or via email at support@noregon.com , or visit us online at <http://www.JPROFleetProducts.com/>

JPRO® Fleet Diagnostics

- 1 From the PC's desktop, select the 'JPRO® Fleet Diagnostics' desktop icon or click **Start** then select **All Programs**  **Noregon**  **JPRO® Fleet Diagnostics**  **JPRO® Fleet Diagnostic**
- 2 Click the preferences icon (gears).
- 3 Select the radio button for **Auto Connect**.
- 4 Press ok.
- 5 Click the **Connect** button (two arrows pointing in).

Allison DOC™ For Fleets (1000/2000)

- 1 From the PC's desktop, select the 'Allison DOC For Fleets (1K2K)' desktop icon or click **Start** then select **All Programs**  **Allison Transmission**  **Allison DOC For Fleets (1K2K)**.
The **Allison Transmission** screen appears.
- 2 Click the **Connect to Vehicle** button or **F4**.
The **Transmission Connect/Disconnect** screen appears.
- 3 Uncheck 'SmartConnect' and then select the 'Connect' button.
- 4 On the 'Communications Adapter Setup' screen, select the 'Advanced Setup' button.

- 5 Select **NORCAN32** (or **NORPLC32**, see above Note), **J1939** and **DLA+ CAN1 250K** (or **DLA+PLC CAN1 250k**).
- 6 Click **Connect**.

Allison DOC™ For Fleets (3000/4000)

- 1 From the PC's desktop, select the '**Allison DOC For Fleets (3K4K)**' desktop icon or click **Start** then select **All Programs** ▾ **Allison Transmission** ▾ **Allison DOC For Fleets (3K4K)**
The **Allison Transmission** screen appears.
- 2 Click the **Connect to Vehicle** button or **F4**.
The **Transmission Connect/Disconnect** screen appears.
- 3 Uncheck '**SmartConnect**' and then select the '**Connect**' button.
- 4 On the '**Communications Adapter Setup**' screen, select the '**Advanced Setup**' button.
- 5 When connecting to a 4th Generation 3000/4000 Series, select **NORCAN32** (or **NORPLC32**, see above Note), **J1939** and **DLA+ CAN1 250K** (or **DLA+PLC CAN1 250k**).
- 6 When connection to a pre-4th Generation 3000/4000 Series, select **NORCAN32** (or **NORPLC32**, see above Note), **J708** and **DLA+ 1708** (or **DLA+PLC 1708**).
- 7 Click **Connect**.

Bendix ACOM Diagnostics

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **ACom Diagnostics**.
The **Diagnostic Interface Selection** screen appears.
- 2 Under Manufacturer Name, click on the drop-down list box and select **Noregon Systems, Inc.** Check the desired protocol/device combination such as:
 - a. **RP1210A device using J1708 line: DLA+ (DLA+)**
 - b. **RP1210A device using J1708 line: DLA+PLC (DLA+PLC)**
 - c. **RP1210A device using PLC line: DLA+PLC (DLA+PLC)**
- 3 Click **OK**.

Caterpillar Electronic Technician

- 1 From the PC's desktop, click **Start** then select **Programs** ▾ **Caterpillar ET** ▾ **Electronic Technician**.
- 2 Click on **Utilities** ▾ **Preferences** on the screen's menu bar.
The **Preferences** screen appears.
- 3 Select the **Communications** tab ,from the drop down menu select **RP1210A Compliant Device**
- 4 Click on the **Advance** Button,
The **RP1210A Communication Adapter Selection** screen appears
- 5 Select **DLA+(100) – Noregon Systems, Inc. DLA+**
- 6 Click **OK**

- 7 Click OK again

Cummins Insite

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **Intelect** ▾ **Cummins INSITE** (or select the **Cummins INSITE desktop** shortcut).
The application screen appears.
- 2 Click on **File** ▾ **Connections** ▾ **Add New Connection**
The Connection Wizard screen appears.
- 3 Click **Next**.
The screen prompts you to select a connection type.
- 4 Click on the radio button for **RP1210A**.
The screen prompts you to select an RP1210A adapter type.
- 5 Select **DLA+** for the protocol (seen in the third column) that you wish to use(i.e., J1708 or J1939).
- 6 Click **Next**. The screen displays with the "Connection Name."
- If you want to change the name in the **Connection Name** box, type in the desired name.
- 7 Click **Next**.
The screen prompts you to indicate whether you want to make this connection active or set up another connection.
- 8 Click on the first check box (labeled "*To make this connection active...*").
- 9 Click **Finish**.

Daimler Trucks North America ServiceLink v4.0

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **Internet Explorer**.
- 2 Go to <http://www.accessfreightliner.com/>
- 3 Select **Registered users login** and login with ID and password assigned from Daimler Trucks North America.
- 4 In **Applications** select **ServiceLink**.
- 5 Select **Continue to Servicelink 4.0**.
- 6 Go to **Admin**.
- 7 Select **Show All Devices**.
- 8 In **Vendor** dropdown select **DLA+**
- 9 Select all protocols to connect
- 10 Press **Save** and connect

Detroit Diesel Diagnostic Link 7

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **Detroit Diesel** ▾ **Diagnostic Link** (folder) ▾ **DDDL**
- 2 Go to **Tools** and then **Options**

- 3 Go to the **Connection** tab and then select **SID Configure**.
- 4 Select the **DLA+** device (or if using "JPRO DLA+PLC" select **DLA+PLC**)
- 5 Select **Apply**.

Detroit Diesel Diagnostic Link 6.xx

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **Detroit Diesel** ▾ **Diagnostic Link** ▾ **DDDL**
- 2 Go to **Tools** and then **Options**
- 3 Go to the **Interface** tab.
- 4 Select the **DLA+** device (or if using "JPRO DLA+PLC" select **DLA+PLC**)
- 5 Select **OK**.

DDEC Reports

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **Detroit Diesel** ▾ **Diagnostic Link** ▾ **DDDL**
- 2 Go to **Tools** and then **Options**
- 3 Go to the **Interface** tab.
- 4 Select the **DLA+** device (or if using "JPRO DLA+PLC" select **DLA+PLC**)
- 5 Select **OK**.

Eaton Service Ranger

- 1 From the PC's desktop, click **Start** then select **Programs** ▾ **Service Ranger** ▾ **Service Ranger**
The application screen appears.
- 2 Click the **Tools** tab, then **Settings**
- 3 In the Service Ranger Settings window, click on the **Connection** tab, then select **Noregon Systems Inc. DLA+ (NORCAN32)** in the **Driver** drop down menu.
- 4 Select **DLA+ DLA+ (CAN, J1939, J1708)** for the **J1708** Device.
- 5 Select **DLA+ DLA+** then select the correct **CAN** setting for your connection.
- 6 Click **OK**, Then click **Connect**

Haldex Trailer ABS Diagnostics

- 1 Click **Start** then select **All Programs** ▾ **Haldex Trailer ABS Diagnostics**
- 2 Press F7 or select the configure button.
- 3 For device, select **DLA+ PLC**.
- 4 Press OK and connect.

International Diamond Logic Builder

- 1 From the PC's desktop, click **Start** then select **Programs** ▾ **Diamond Logic Builder**
- 2 Click on the **Tools** menu, then select **Select Com Link**
- 3 Select **Noregon Systems** (the one with DLA+ listings) ▾ Select **DLA+**

International ServiceMAXX

- 1 From the PC's desktop, click **Start** then select **Programs** ▾ **ServiceMaxx**
- 2 Click on the **Tools** menu, then select **Select Com Link**
- 3 Select **Noregon Systems** (the one with DLA+ listings) ▾ Select **DLA+** (for the correct protocol)

Meritor WABCO PC Diagnostics

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **Meritor WABCO** ▾ **Meritor WABCO PC Diagnostics**.
- 2 Click on the **System Setup** menu item, then select **COM Port**.
- 3 Under **Vendor**, click on the drop-down list box, then select **Noregon Systems, Inc. DLA+PLC**
- 4 Under **Protocol**, select the desired protocol .
- 5 Under **Device**, click on the drop-down list box, then select **DLA+PLC** (or **DLA+**).
- 6 Click **OK**.

Volvo PTT/VCADs Pro

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **PremiumTech Tool**
- 2 In PTT, Select **Menu** and the **Settings**.
- 3 Go to the **Comm.unit Selection** tab and select **RP1210 adapter** for the **Communication units** setting.
- 4 Go to the **Communication Unit Configuration** tab and select **RP1210A** for the communication unit.
- 5 For the device select **DLA+** or if using DLA+ PLC select **DLA+PLC**.
- 6 Verify device ID is 100 and Protocol is 1708.
- 7 Click **OK** and connect /refresh.

ZF Meritor Transoft

- 1 From the PC's desktop, click **Start** then select **All Programs** ▾ **ZF Meritor** ▾ **Transoft** ▾ **Transoft**.
- 2 Select **Communication Setup**.
- 3 For Vendor, select **Noregon Systems, Inc. DLA+**. For J1708 and J1939, select **DLA+**.
- 4 Click **OK**.

To test the connection to Vehicle:

J1708 Test Application

- 1 From the PC's desktop, click **Start** then select **All Programs ▶ Noregon ▶ JPRO DLA+ Adapter ▶ Test Application**
- 2 In the application select device as **DLA+** and for protocol select **1708**
- 3 Press connect and verify 0 as the return code (If you get 142 the device is not installed or connected properly)
- 4 In the send command section press **Pass**
- 5 In Read Message section press **Read Continuous** that should show you all of the data coming across the 1708 data bus.

J1939 Test Application

- 1 From the PC's desktop, click **Start** then select **All Programs ▶ Noregon ▶ JPRO DLA+ Adapter ▶ Test Application**
- 2 In the application select device as **DLA+** and for protocol select **1939**
- 3 Press connect and verify 0 as the return code (If you get 142 the device is not installed or connected properly)
- 4 In the send command section press **Pass**
- 5 In Read Message section press **Read Continuous** that should show you all of the data coming across the 1939 data bus.

For additional support for connecting to other protocols, diagnostic applications, speeds, etc... Please contact Noregon Systems Help Desk at 1-336-768-4337 ext. 150 between 8:00 am - 6:00 pm EST, or via email at support@noregon.com , or visit us online at <http://www.JPROFleetProducts.com/>