



Dana Diagnostic Tool (DDT)

Products Supported

TIMS™ (Tire Inflation and Monitor System)
TPCS (Tire Pressure Control System)
CTIS (Central Tire Inflation System)

PC Minimum Requirements

- Microsoft Windows operating system
 - o 98/ME (min 64MB of RAM)
 - o NT 4.0 (Service Pack 4 & min 64MB of RAM)
 - o 2000/XP (min 128MB of RAM)
- Minimum Pentium 233 MHz, or equivalent Processor
- SVGA Monitor and Video Card capable of 800x600 resolution
- Internet Explorer Version 5.0 or higher
- Minimum of 7 Megabytes of available Hard Disk Space

NOTE for Windows NT, 2000 and XP

You must be logged into the system with "Administrator Rights" to install the Diagnostic Tool. If you are unsure if you have Administrator Rights, please verify before installing the DDT.

RP1210A Interface Adapter

An RP1210A compatible interface adapter and cables are needed to connect the PC to the vehicle.

For these interface adapters to work with the Dana Diagnostic Tool program, you must install a "RP1210 driver" program provided by the manufacturer of the interface adapter.

If you do not have this program, it can normally be obtained from the manufacturer's web site. Please contact the manufacturer of your interface adapter if you have any questions regarding this process.

Commonly used RP1210A Interface Adapters are:

NEXIQ Technologies (800) 639-6774 www.nexiq.com
part # 551004 - HDS LiteLink (RS-232 link, J1708/1587)
part # 125032 – USB-Link (USB link, J1939 & J1708/1587)

Dearborn Group (248) 488-2080 www.dgtech.com
part # DG-DPA III Plus/T (RS-232 link, J1939 & J1708/1587)
part # DG-DPA4-PLUS (USB link, J1939 & J1708/1587)

Noregon Systems (336) 768-4337 www.noregon.com
part # JPRO PLC/J1708 Adapter Kit (RS-232 link, PLC & J1708/1587)
part # JPRO J1708/J1939/CAN USB Data Link Adapter Kit (USB link, J1939 & J1708/1587)



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Troubleshooting “No Communications”

- 1) *Is the latest version of the DDT installed?*
Version is shown at top of main screen beside the Dana logo. Check www.roadranger.com for latest version.
- 2) *Is the latest version of the RP1210A driver for your interface adapter installed?*
Check interface adapter manufacturer websites for latest version.
NEXIQ Technologies www.nexiq.com
Dearborn Group www.dgtech.com
Noregon Systems www.noregon.com
- 3) *Have you selected the correct RP1210A adapter on the DDT Info screen?*
Use pull down box to select the correct adapter.
"Dana Com 1 or 2" is NOT the correct selection for any of the adapters.
- 4) *Are you using the correct DB9 serial cable?*
NEXIQ HDS LiteLink uses a different style of serial cable called “null modem”.
All others use a standard cable.
- 5) *Is Palm Pilot Hot Sync running?*
Program used to sync PDA's with PC's will interfere with communications to the RP1210A adapter. Typically indicated by a blue & red circle icon in the lower right corner of desktop.
Right click and exit it, then retry the DDT program.
- 6) *Call manufacturer's help desk to test proper function of RP1210A interface adapter.*
NEXIQ Technologies 800-639-6774
Dearborn Group 248-488-2080
Noregon Systems 336-768-4337
- 7) *Does your Dearborn Group DPA sometimes fail to connect?*
The Dearborn Group DPA's sometimes stop communicating if power is cycled too quickly.
Remove power from the adapter for more than 10 seconds and then reconnect.
- 8) *Is your RP1210A driver “locked up” and preventing you from selecting a different adapter?*
Holding down the F8 key while starting the DDT program will remove previous adapter selection and allow selection of a new one.