



Premium | TechTool™

Vehicle Communications

To properly service the New VN (4) (New VNL, VNR) you must use one of the three VOCOM interfaces listed below, along with the correct 16-pin cable with the blue end to be able to program all ECUs.

- Vocom II Tough; 88894000
- Vocom 2+ Tough; 88894400
- Vocom 2+ Mini; 88894320 (new)
- USB cable: 88890313
- 16-pin OBD cable: 88894001 (blue end)

Other adapters may connect to the Pioneer and Anthem, to read data but should not be used for programming ECUs.

The **VN (4)** 16 Pin OBD connector has been re-pinned.

The Pin configuration for the 16-pin adapter:

Pins 6 & 14 are for the ISO data link. This is where most work is done.

Example: reading the UDS information.

Pin 16 is battery voltage but on the 12v only. (Note that ECUs operate on 24v)

Pins 1, 9, 12, and 13 are for Ethernet communications.

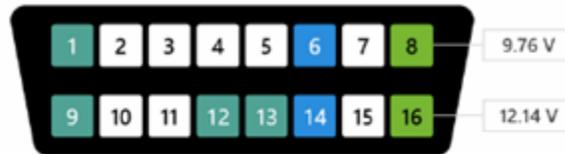
Pin 8 is for power to the Ethernet. **(see image below)**



Premium | TechTool™

Vehicle Communications

Communication Test ⓘ



Pins	Data Link	Data Rate
	● CAN1	500 kbit/s
	● CAN2	
	● J1708	
	● Ethernet Type B ↻	

Please note

- **For the VN (4) you must use Premium Tech Tool or Workshop Toolbox Software Center.**
- At this time other 3rd party software suppliers, for example, Nexiq's eTechnician and Noregon's J-Pro software will not communicate with the VN (4).
 - The J-Pro and eTechnician software do not communicate over the Unified Diagnostic Services (UDS) network.