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Coding Information

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Title: Navistar Hydraulic ABS Software will not communicate with ABS module.

Applies To: Kelsy Haynes, Lucas Varity, Navistar Hydraulics, TRW hydraulic

DESCRIPTION

You cannot communicate with the ABS module on old vehicles equipped with the Navistar Hydraulic ABS Brake System (TRW, Kelsey Hayes, Lucas Varity)

Note: The IC4 is the ONLY adapter tested & validated for this task.

The ABS System uses a single communication wire from the ABS ECU to pin 6 (or F) of the 6 pin diagnostic connector. The majority of the cases that we see with this problem end up being that a wrong adaptor is being used with the diagnostic interface (IC4).

Aftermarket "Y" USB connectors and USB HUBS cannot be used with the IC4 adapter. The connection has to made directly to the computer. Also adaptors from 9 pin to 6 pin usually don't have the correct wire to the number 6 pin for the communication to work. You need to use the correct International 6 pin adaptor for the interface to connect properly. You can usually verify this by the extra wire going to the number six pin on the adaptor.

TROUBLESHOOTING

1. Find the circuit diagram for the truck that you are working on
2. Verify that you are getting good power and ground to the ABS module per the wiring diagram

3. Locate the single communication wire that runs from the ABS ECU to the Diagnostic connector pin 6 and verify that it has good continuity and is not shorted to ground or any other wire in the ABS harness.
4. Verify that your IC4 adapter is communicating properly with the vehicle. Open an sniffer program like Helios to check if you are communicating with the vehicle.
5. Try to communicate again, using the IC4 vehicle adapter.

Please do not replace the ABS ECU until unless all of these steps explained on the IKnow article are verified.

If after following all these steps you are still not able to communicate with your vehicle, please open a case file with the EZ-Tech Support Group.

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