SERVICE MANUAL

IntelliView™ III
IntelliView™ IV
IntelliView™ Plus II

Autoguidance and Navigation

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NEW HOLLAND AGRICULTURE

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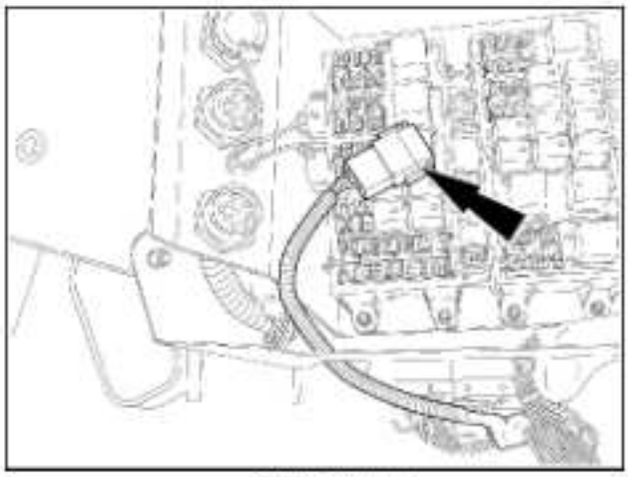
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T9.390, T9.450, T9.505, T9.560, T9.615, and T9.670

The NAV II diagnostic connector is located at the left-hand side of the fuse and relay panel:

- The harness is wrapped in a corrugated plastic.

12-pin Deutsch connector



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6. Troubleshoot the Controller Area Network (CAN)

   Check for termination and integrity of the wiring.

   Ensure that controllers are working properly.

   A. Controller Area Network (CAN) does not have termination or harnessing integrity does not pass. Restore termination or repair harnessing. Return the vehicle to operation.

   B. Problem reoccurs. Continue to Step **7**.

7. Copy the advanced configuration file, compress the .cn1 folder from the memory device into a .zip file, and attach the files to an ASIST concern. See **Software - Download - Copy the .cn1 folder for submission to ASIST (55.785)** and **Software - Download - Copy the NAV II advanced configuration file for submission to ASIST (55.785)**.

8. Speedrower 130, Speedrower 200, and Speedrower 240 Self Propelled Windrowers:

   Ensure that the latest firmware has been installed in Universal Control Module (UCM), NAV II, and display.

   NOTE: *If the display needs to be updated, perform a clean installation of the display software. See* ***Software - Program - Perform a clean installation of display software (55.785)***.

   A. One or more controllers have outdated firmware installed. Update the controllers. Return the vehicle to operation.

   B. Controllers are up to date or issue reoccurs. Continue to Step **9**.

9. On the display, check the value in the "Vehicle Model" window on the "NAV Calibration" screen (Home > Calibrations > NAV).

   A. The "Vehicle Model" window shows the wrong model. Change the value to reflect the correct vehicle model. Return the vehicle to operation.

   B. The "Vehicle Model" window shows the correct model. Continue to Step **10**.

10. Clear the Non Volatile (NV) memory of the NAV II controller. See **Software - Program - Clear Non Volatile (NV) memory of NAV II controller (55.785)**.

    A. Operating system loads properly. Return the vehicle to operation.

    B. Problem reoccurs. Continue to Step **11**.

11. Ensure that the valve is wired correctly. Also check for bent or broken pins. The autoguidance valve pin out is: (eTim frame 49)

	UCM	Steering coil
Steering enable	Pin 10 (X006)	Pin 1 (X397)
Steer left power	Pin 22 (X005)	Pin 1 (X395)
Steer left return	Pin 22 (X001)	Pin 2 (X395
Steer right power	Pin 6 (X005)	Pin 1 (X396)
Steer right return	Pin 22 (X001)	Pin 2 (X396)

    A. No continuity from the Universal Control Module (UCM) to the Steering Coils. Repair or replace harnessing. Return the Vehicle to operation.

    B. Continuity from the Universal Control Module (UCM) to the Steering coils. Continue to Step **12**.

12. Troubleshoot the Controller Area Network (CAN)

    Check for termination and integrity of the wiring.

    Ensure that controllers are working properly.

    A. Controller Area Network (CAN) does not have termination or harnessing integrity does not pass. Restore termination or repair harnessing. Return the vehicle to operation.

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Software - Program - Clear the Battery-Backed Random Access Memory (BB RAM) of the Global Positioning System (GPS) receiver

1. On the display, navigate to "Diagnostics."



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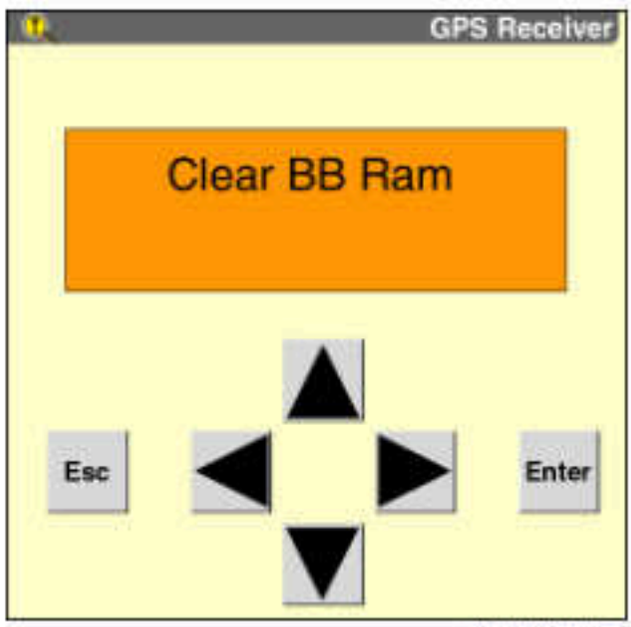
2. Press the "RDI" icon on the navigation bar to access the "GPS Receiver" (Global Positioning System Receiver) screen.



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3. Press the down arrow button repeatedly until the orange window reads, "Clear BB Ram" (Battery-Backed Random Access Memory).
4. Press the right arrow button once.
5. Press the down arrow button once so that the orange window reads, "Yes."
6. Press the "Enter" button to confirm the selection.

NOTE: *Communication with the GPS receiver is interrupted while the GPS receiver restarts. Wait for the GPS receiver to restart completely (about* ***1 min****), then cycle the ignition switch.*



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