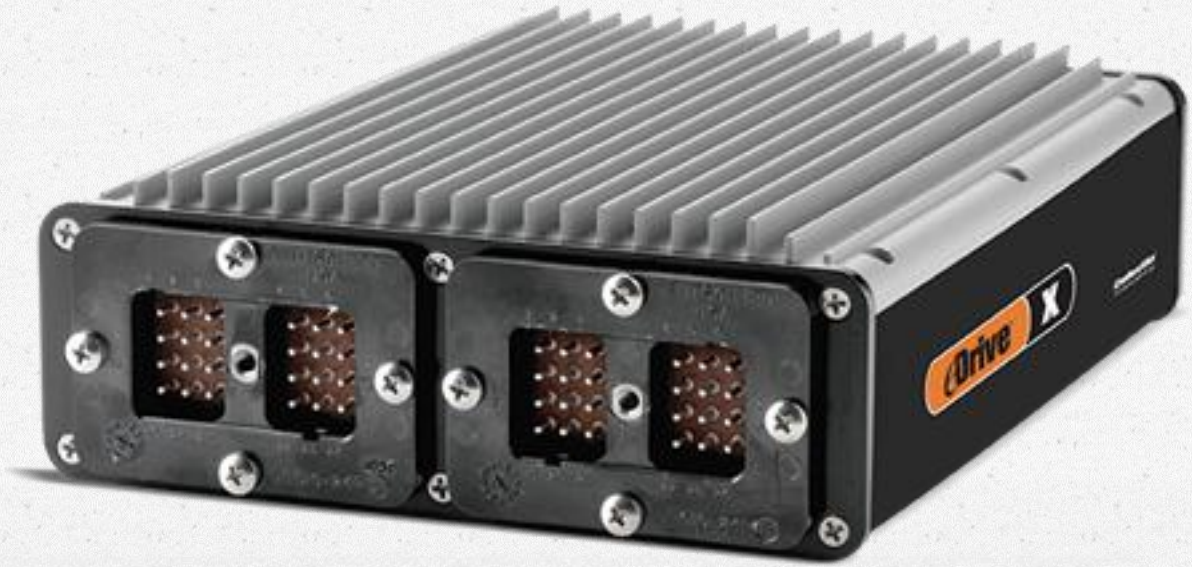
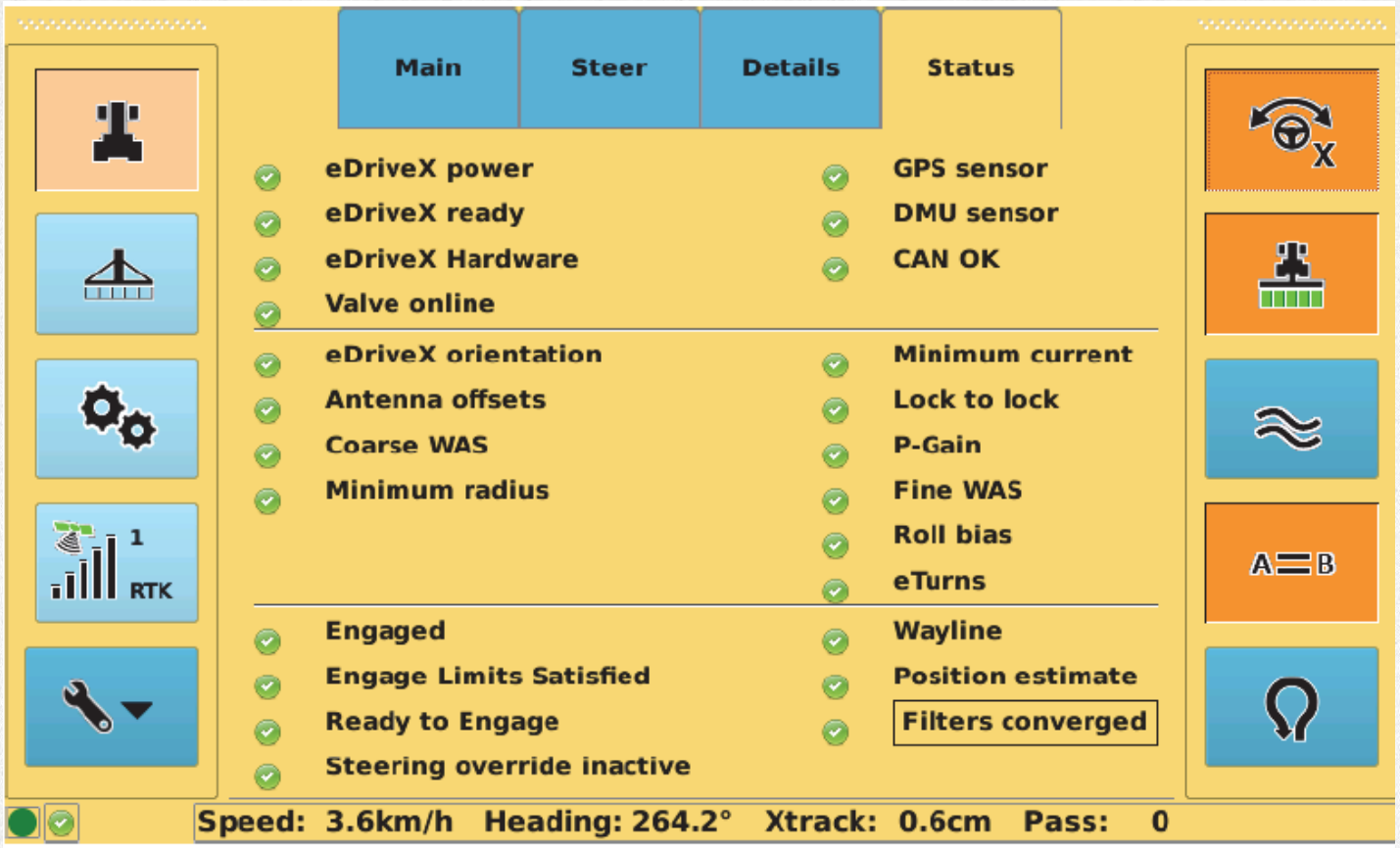
Common EDX Troubleshooting Issues

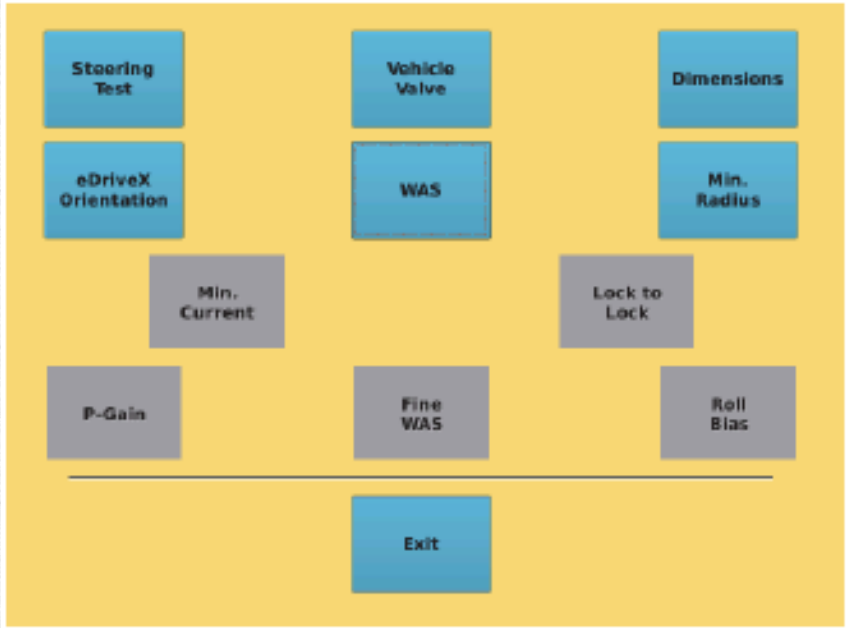


EDX Status Screen



Common EDX Calibration Issues

- Antenna Pivot
- ECU Orientation
- Valve Type
- NOTE: Calibration should be carried out at full hydraulic pressure

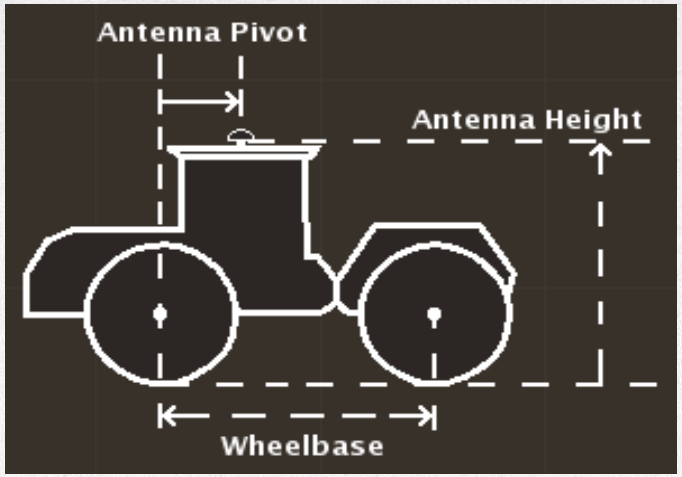


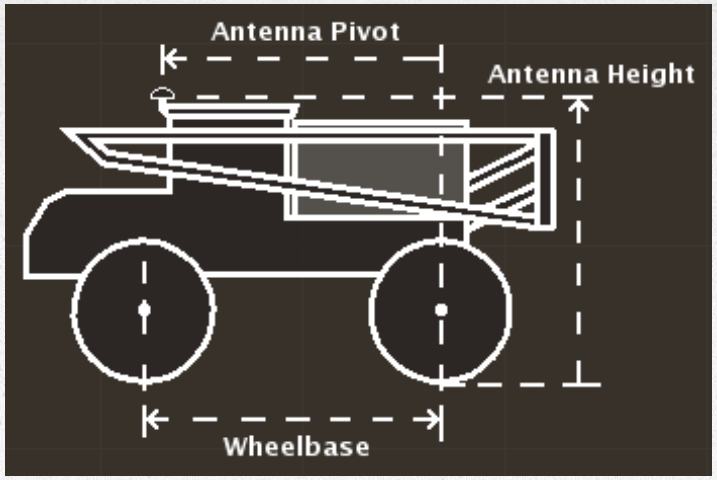
Antenna Pivot

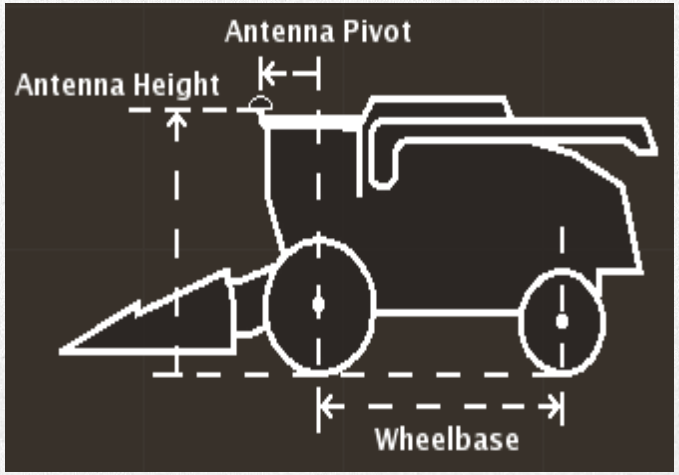
- Antenna Pivot – measure from pivot to antenna
- Front(antenna in front of vehicle pivot)
- Back(antenna behind vehicle pivot)

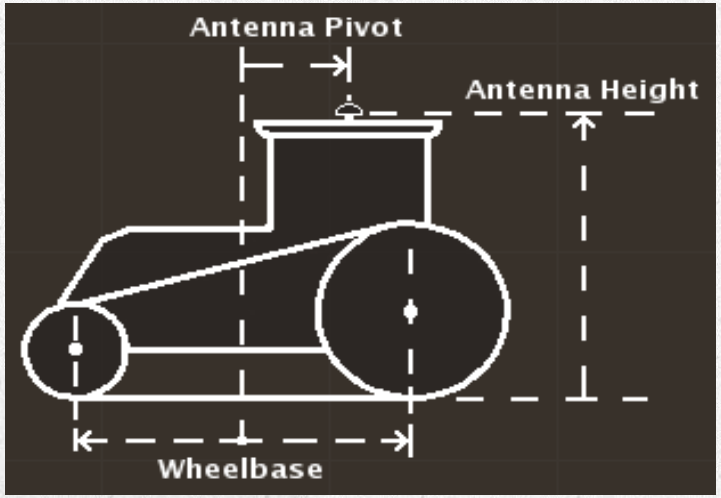
- Std- Front
- Articulated- Back
- Sprayer – Front
- Combine – Front
- Track - Back

Antenna Pivot





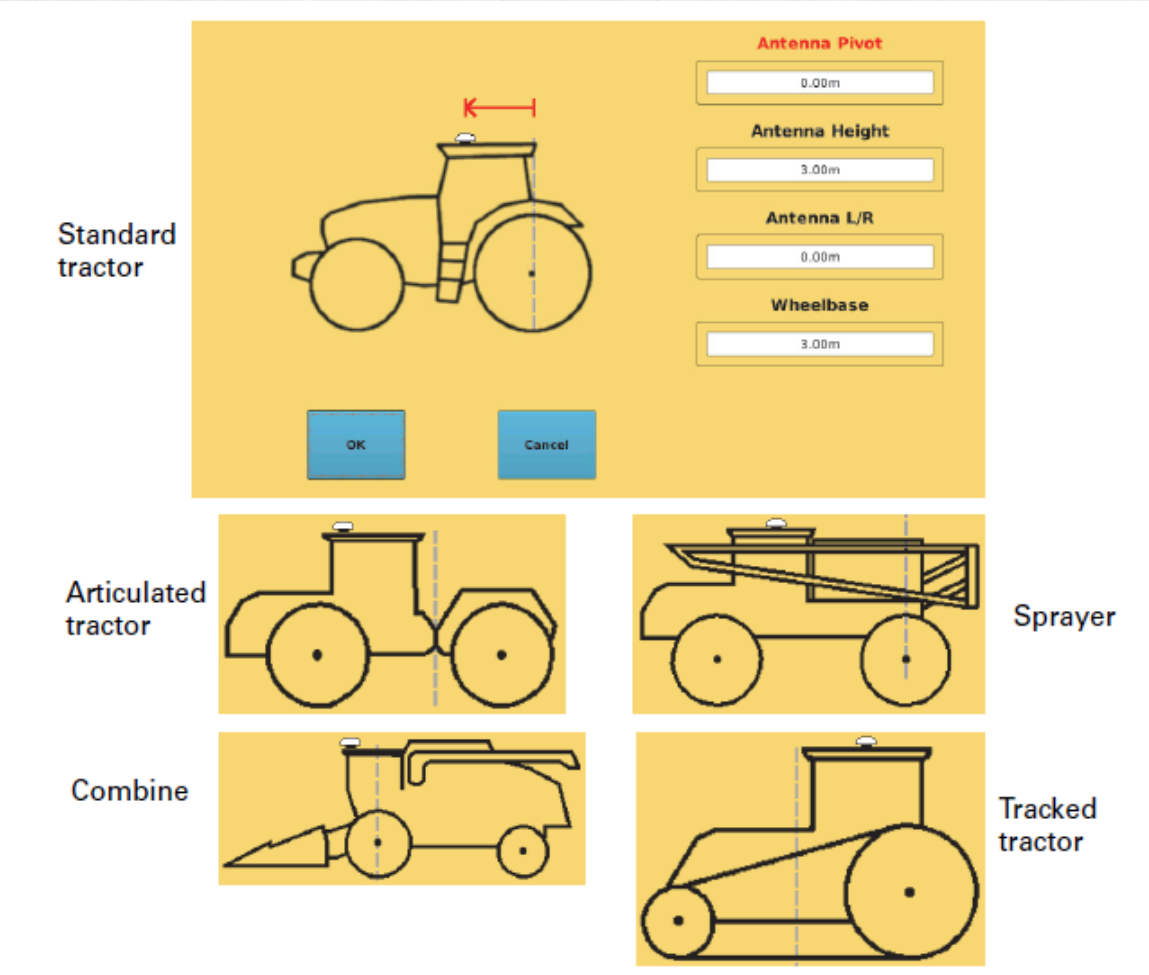




AgJunction

Outback

Antenna Pivot - STX

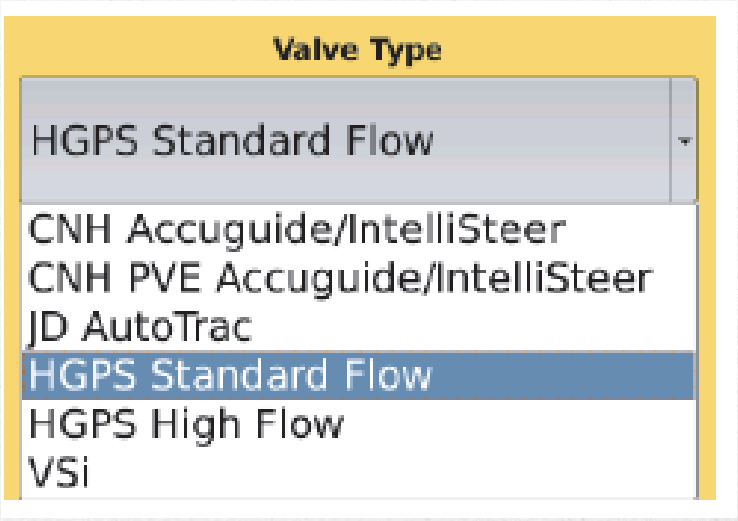


ECU Orientation

If ECU orientation is incorrect calibration will fail.
NOTE: TOP is the side with the cooling fins.

Valve Type

- If installing an Outback valve ALWAYS choose HIGH FLOW
- If this is incorrect calibration will fail

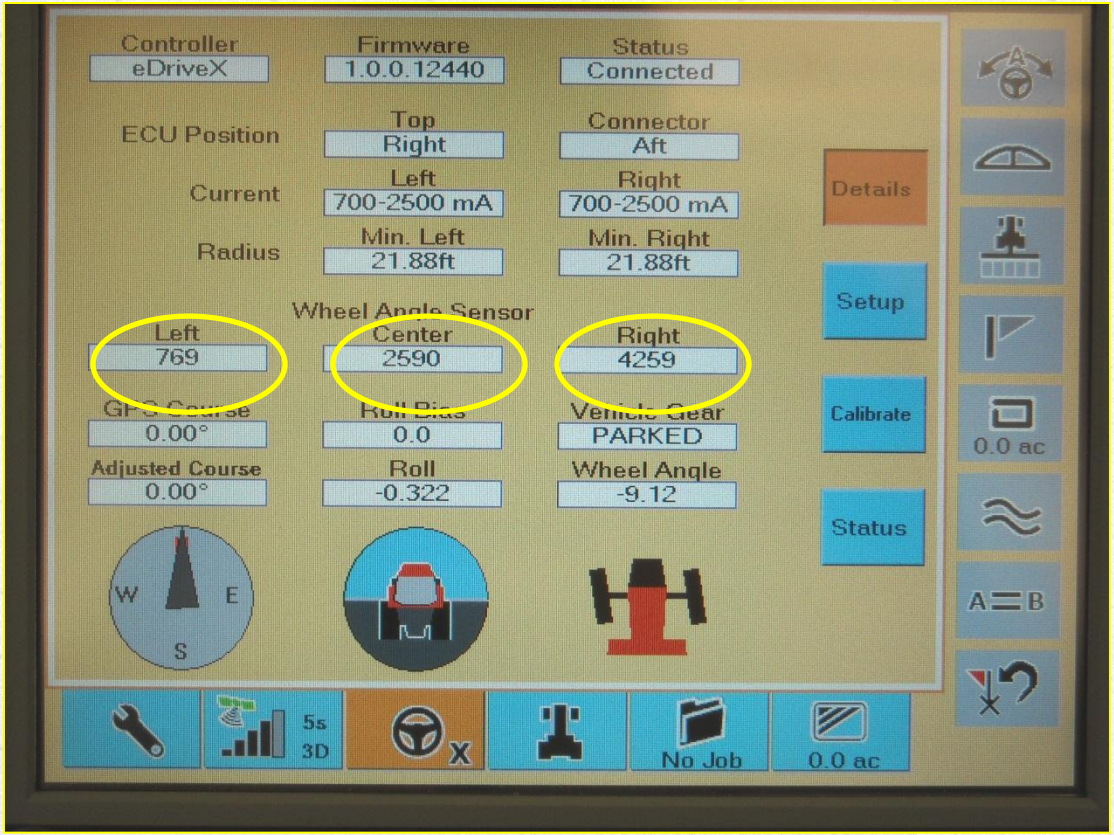


AgJunction

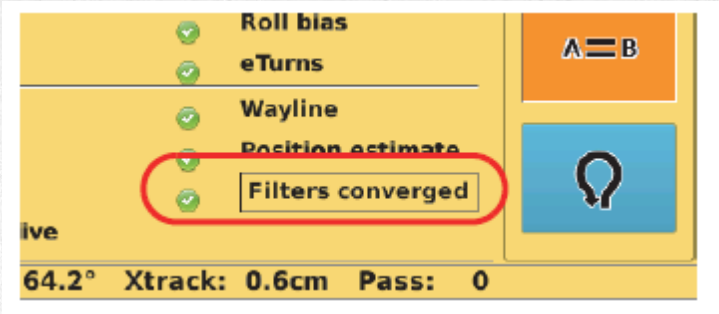
Outback

WAS Values

- **Sensor sends a voltage reading to the Steering Controller. (0-5000mV) Snapshot of this value in the Right, Left, and Center wheel positions. NOTE: These values must be between 250 and 4750**



Filters Converged



- If Antenna Pivot measurement is more than 1m out filters will not converge
- Filter data has to be saved to elimate driving procedure at next startup (must drive at least 3 minutes under autosteering and stop before shutting EDX down.
- Upon system startup filters will self-converge after driving forward for at least 10 seconds.

Filters Converged

- Filters will need to be re-converged—and the new convergence data stored—if:
- The filter convergence data was never stored
- The antenna calibrated (entered) dimension is changed by more than 0.1 m
- The vehicle/valve type combination is changed to one that has not beenused before

Filter Self-Convergence

On system startup, the filters converged status always indicates filters are not converged: this is normal. After you drive forward for at least 10 seconds, the status should become checked indicating the use of stored convergence data. If the status does not change, it indicates convergence data is not stored. Refer to "Re-converging Filters" below.

Re-converging Filters

Filters will need to be re-converged—and the new convergence data stored—if:

- The filter convergence data was never stored
- The antenna calibrated (entered) dimension is changed by more than 0.1 m
- The vehicle/valve type combination is changed to one that has not been used before (meaning there is no convergence data for the combination - see *Note: vehicle/valve combination*, page 57).

If re-convergence is required, establish the reason and, accordingly, reset the antenna data, complete the calibration process, and/or complete the driving requirements for convergence and convergence data storage as detailed in the preceding sections.