

ESi2 XD

Calibration Step	Failure	Corrective Actions
ECU Orientation	"Done" does not highlight green after inputting ECU orientation and touching "Apply Changes"	Make sure ECU Orientation matches the direction the logo and connectors are facing and that the ECU is mounted correctly. Connectors cannot point "Down" or "Up" while mounted. ECU can only be mounted on the long axis, not lying flat. See Figure 1 below
Minimum Radius	Calibration Failure	Double check the ECU Orientation
		Check antenna pivot setting and if vehicle appears backwards on the screen. Especially in articulated tractors.
		Make sure you are doing a full lock turn
		Filters may not be converged. On MAX and REBEL, go to: Menu>Diagnostics>EDriveXD>Status . For STX: go to Setup Screen>Vehicle>Status If "Filters Converged" Has a red dot, Touch "Filters Converged" and follow onscreen instructions. After Filters converge, a green dot will appear. Please allow the vehicle to sit for no less than 45 seconds then reboot ECU. This will save the "Filters Converged" setting.
Steering Ratio	Calibration Failure	Speed too fast or too slow. Maintain the green light on the speed indicator. DO NOT USE VEHICLE SPEEDOMETER.
		Do a steer test on the monitor. Make sure the left is turning left and the right is turning right.
		If vehicle steers in only one direction, make sure the vehicle orientation is correct on the run screen.
		Reboot the ECU, reconverge filters, try calibration step again.
Lock to Lock	Calibration Failure	Released steering wheel before touching "Next". Hold steering wheel lightly between thumb and index finger to maintain full lock turn. Touch "Next" and the wheel will turn and start calibration.
		Speed too fast or too slow. Maintain the green light on the speed indicator. DO NOT USE VEHICLE SPEEDOMETER.
Mounting Bias	Calibration Failure	May need to reboot the ECU
		AB line was not required inside of onscreen turning radius cone
		Speed too fast or too slow. Maintain the green light on the speed indicator. DO NOT USE VEHICLE SPEEDOMETER.

Figure 1

