01 / PREPARE

Installation & first use

Fieldway hardware - DP10 display / FM5 steering wheel / FC3 Pro

For matched installations
Use this OEM-based overview with the confirmed installation plan for your tractor. It does not specify connector pin assignments, tightening torques or universal mounting dimensions.



DP10 display

View and manage tasks



FM5 steering wheel

Steering actuator



FC3 Pro

GNSS + integrated controller

Before fitting anything

1 **Confirm the tractor and installation kit**

Record make, model, year and steering type. Confirm the shaft adapter, bracket clearance, roof mounting and power arrangement.

2 **Make the machine safe to work on**

Park on level ground, apply the parking brake, chock the wheels and lower attached implements. Check steering condition and tyre pressure.

3 **Confirm activation and correction arrangements**

RTK correction service is not included. Confirm any required service, data connection and system activation before field use.

The driver remains in control. This system assists steering; the operator remains responsible for the vehicle and the safety of people nearby.

Source: Manufacturer user manual (2026), pp. 6, 9, 11, 61-64 and 69.

02 / MOUNT

Mount the three main units

Complete the mechanical installation before powering the steering system.

1 FC3 Pro: roof centreline

Position the integrated receiver/controller on the tractor's longitudinal centreline. Use the mounting arrangement confirmed for the roof and the supplied bracket.



Fieldway product photograph. OEM mounting guidance: pp. 9, 12.

2 FM5: matched steering shaft

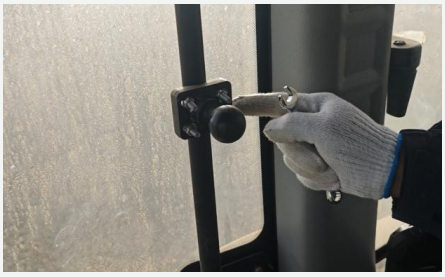
Use the correct shaft adapter and secure the motor with the specified brackets. Check adjustment and fastening against the tractor-specific installation plan.



OEM installation example: p. 16. Tractor arrangements vary.

3 DP10: within reach and view

Secure the display on its ball-mount kit inside the cab. Choose a position the driver can see and operate without obstructing normal controls or access.



OEM installation example: p. 20. Display position varies by cab.

Clearance check: Before final sign-off, check the full steering range, the bracket security and the driver's access to controls. Nothing should bind or interfere with normal manual steering.

Source: Manufacturer user manual (2026), pp. 9, 12 and 14-21.

03 / CONNECT

Connect and secure the harness

Use the labels and wiring documentation approved for the supplied hardware version.



Original Fieldway harness photograph. This view identifies the assembly; it is not a connector pinout.

1

Isolate vehicle power using the tractor procedure

Keep the machine safely stopped. Have the power connection checked by a suitably competent installer before the system is powered.

2

Match each branch by its label

The integrated harness links the controller, display, steering motor and vehicle power. Connect optional devices only when supplied and specified. Do not guess from wire colour or connector appearance.

3

Protect the route and allow movement

Keep cables clear of heat, sharp edges and moving parts. Leave the required slack near steering movement, then secure the route with the supplied ties.

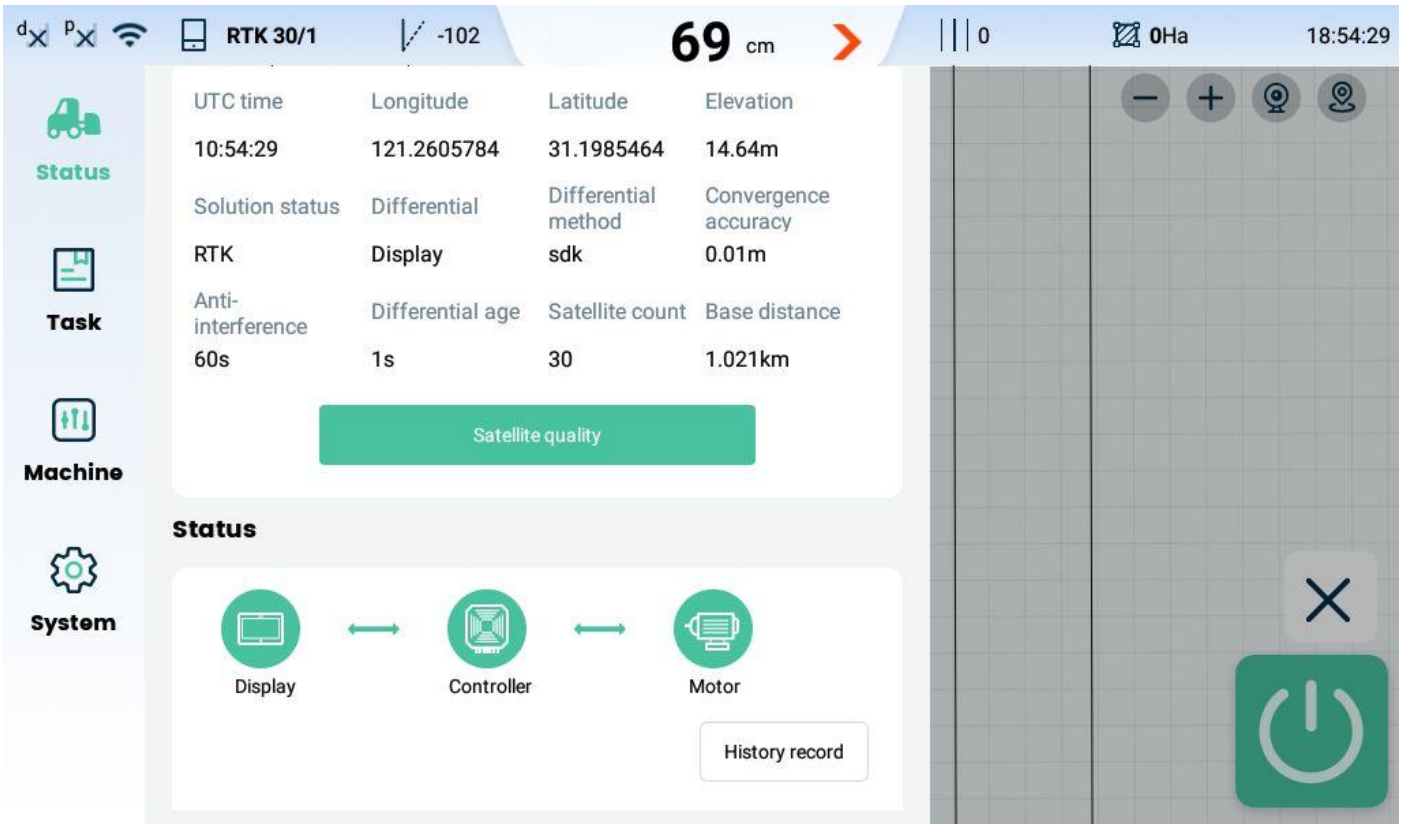
Before power-on: Confirm secure connections, protected unused branches, a clear cable route and the completed installer check.

Source: Manufacturer user manual (2026), pp. 24-26; use the confirmed tractor-specific power-connection procedure.

04 / POWER UP

Check devices and positioning

Confirm the equipment is communicating before proceeding to setup and calibration.



OEM software reference, p. 32: Device Status. Screens and menu names may vary with firmware.

First power-up

Activation and units
Confirm the software version and activation status. Select the required language and measurement units.

Connected devices
Check that the controller, motor and display are detected. Investigate red or missing devices before continuing.

Correction setup
Select the correction source that matches the service and equipment actually supplied.

Read the solution state

AUT	Single-point solution
FLT	Floating solution
RTK	Fixed RTK solution
PPP-S	Satellite mode converging
PPP	Satellite-enhanced fixed state

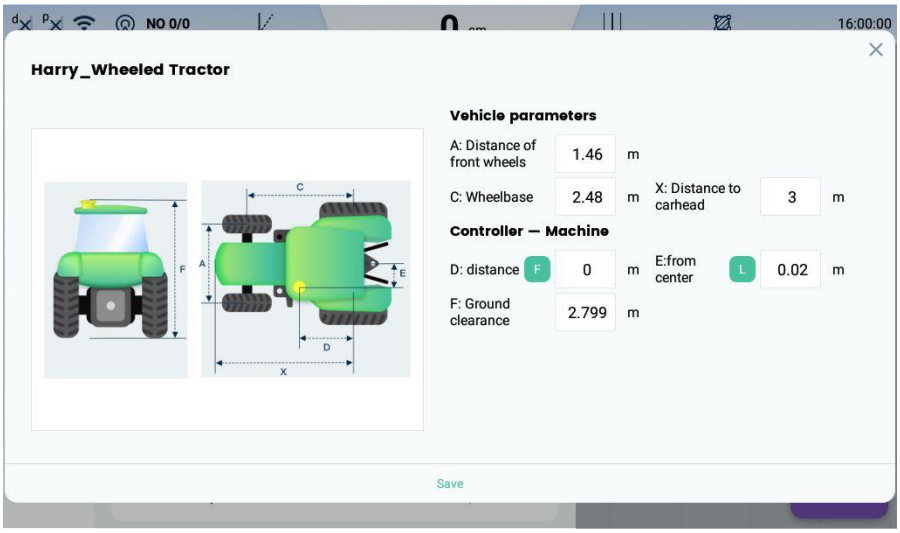
Satellite reception alone does not establish centimetre-level accuracy. Begin precision work only when the selected correction solution is ready and suitable for the task.

Source: Manufacturer user manual (2026), pp. 27, 30-32, 58-69 and 72.

05 / CONFIGURE

Measure, configure and calibrate

Before moving calibration, confirm the approved correction state and have the installer demonstrate disengagement and return to manual steering.



OEM vehicle-parameter example, p. 38. Example values are not settings for your tractor.

Match the installed setup

Vehicle type
Steering method
Single / dual antenna
Sensor mode
Implement width and offset

OEM references: pp. 37-41, 48-49. Menus may vary with firmware.

Calibration sequence

1 Steering clearance

Follow the interface prompts for steering free play. Applicability depends on the installed sensor mode.

2 Steering transmission ratio

This calibration uses an S-shaped driving manoeuvre. Use ample clear space and keep people away.

3 Installation posture

Follow the instructed out-and-back travel to calibrate the installation posture; save the result.

4 Offset and implement checks

Measure and correct the out-and-back offset. Verify implement width and offset before productive work.

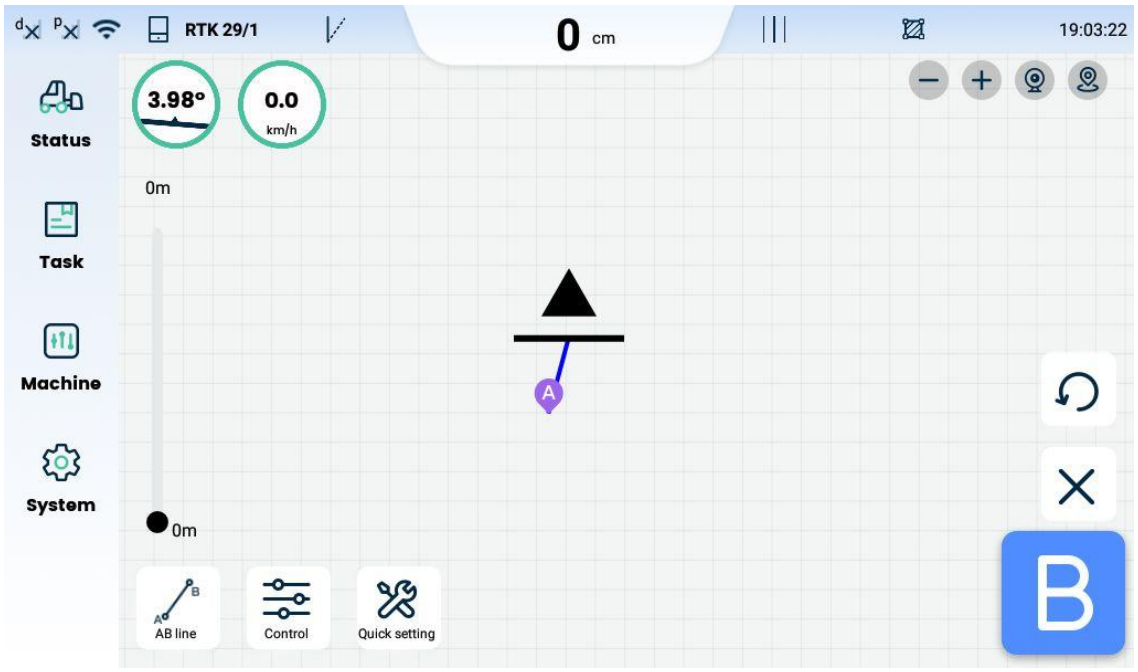
Single antenna: After a heading reset, follow the interface instructions for forward movement. The OEM manual specifies 2 km/h for heading determination. Perform this only in the prepared clear test area.

Source: Manufacturer user manual (2026), pp. 6, 37-50, 56 and 70.

06 / VALIDATE

Test before the first job

Use a clear, open area and a conservative speed appropriate to the site and installation procedure.



OEM AB-line reference, p. 77. The screen is a software example, not a live Fieldway trial.

1 CREATE A LINE

Mark A, drive forward, mark B and confirm the AB line.

2 ENGAGE

Use the green on-screen control to engage steering assistance.

3 DISENGAGE

Use the orange pause control to disengage. Exit the task when finished.

Confirm manual takeover first. Before working an implement, have the installer demonstrate disengagement and return to manual steering. Check tracking in both directions and verify the implement width and offset.

Stop assisted operation and contact support if...

A device is missing, calibration is incomplete, positioning is unsuitable or the steering response is unexpected.

Send with your request: tractor make/model/year, hardware and software versions, correction source, status message and a short description or video of the symptom.

Source: Manufacturer user manual (2026), pp. 6, 32, 45-50, 56, 72 and 77-78.