

# Wheelman Pro Quick Start Guide

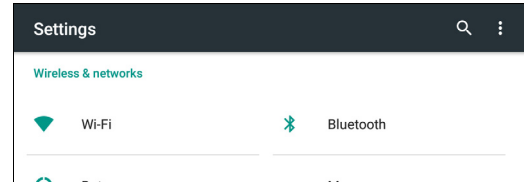
## 1 Install Wheelman Pro

1. Make sure you have the right tools, such as:
  - Wrenches
  - Socket set
  - Screwdrivers
  - Hammer or steering wheel puller
  - Cutting/trimming tools (for some vehicles, you may need to cut away part of the console cover)
  - Gloves
2. Go to [handsfreefarm.zendesk.com](https://handsfreefarm.zendesk.com) to:
  - Watch the Wheelman Pro installation video (also available at [WhirlOnline.com](https://WhirlOnline.com)) to get an overview of the installation steps
  - View FAQ, how-to, and troubleshooting articles to help you use Wheelman Pro
3. Use the printed installation guide—included in your Wheelman Pro package and designed for your specific vehicle—to install Wheelman Pro.
4. Press the power button (above the dashboard) to power on the Wheelman Pro then turn the power cable switch on to power on the antenna and the Remote IMU (RIMU).

## 2 Turn on Bluetooth and Wi-Fi on your phone/tablet then connect to Wi-Fi


You typically turn on Bluetooth and Wi-Fi from the Settings screen, as outlined in the example below. Your procedure may differ slightly.

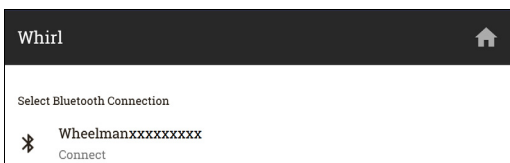
1. On your phone/tablet, tap **Home > All Apps > Settings**.
2. Under Wireless & networks, tap **Bluetooth**.



3. Tap the button (or slider) to turn Bluetooth on.
4. Tap your phone/tablet's Back button then repeat steps 2 and 3 for **Wi-Fi**. Upon turning on Wi-Fi, your Wi-Fi network should appear.\*  
*\* If your Wi-Fi network is hidden (is not listed), see your phone/tablet's documentation on how to connect to a hidden network.*
5. Tap your Wi-Fi network. If prompted, enter your Wi-Fi password then tap **CONNECT**.

## 3 Download the Whirl app, log in, then connect to Wheelman Pro via Bluetooth

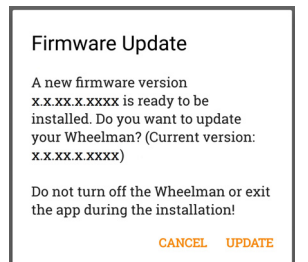
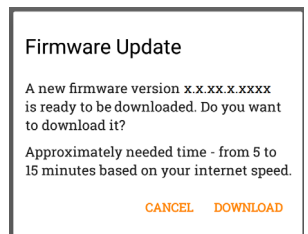
1. Go to Google Play and download the Whirl app to your phone/tablet. 
2. Open Whirl, type the email/password used when purchasing Wheelman Pro, then tap **LOG IN**.
3. On the Details screen, tap **Tractor Profile**.
4. On the Choose Profile screen, tap **Create New Profile**, then tap the check mark in the upper right of the screen.
5. Tap **CONTINUE**. You may see some or all of the following messages:
  - WARNING - tap **ACCEPT**
  - Firmware Update (for Wheelman Pro) - tap **DOWNLOAD** (see 'Firmware update note' at right)
  - Notice - tap **OK**
  - Location access request - tap **ALLOW**
6. On the Whirl screen under Select Bluetooth Connection (below), tap Wheelman to connect.



7. If a Bluetooth pairing message appears, tap **PAIR** (or similar option) to pair your phone/tablet with your Wheelman Pro. This step is required only once. Upon successful connection, the Setup screen appears. You are now ready to add your vehicle in Whirl.

*Firmware update note:  
When you tap **DOWNLOAD** (see top figure at right), Whirl will download the firmware. If it is newer than the installed version, Whirl will display an upload message (see bottom figure at right).*

*Before tapping **UPDATE**, connect your phone/tablet to your Wheelman using Wi-Fi (this will disconnect you from your home Wi-Fi network). Follow the onscreen prompts to complete the update.*

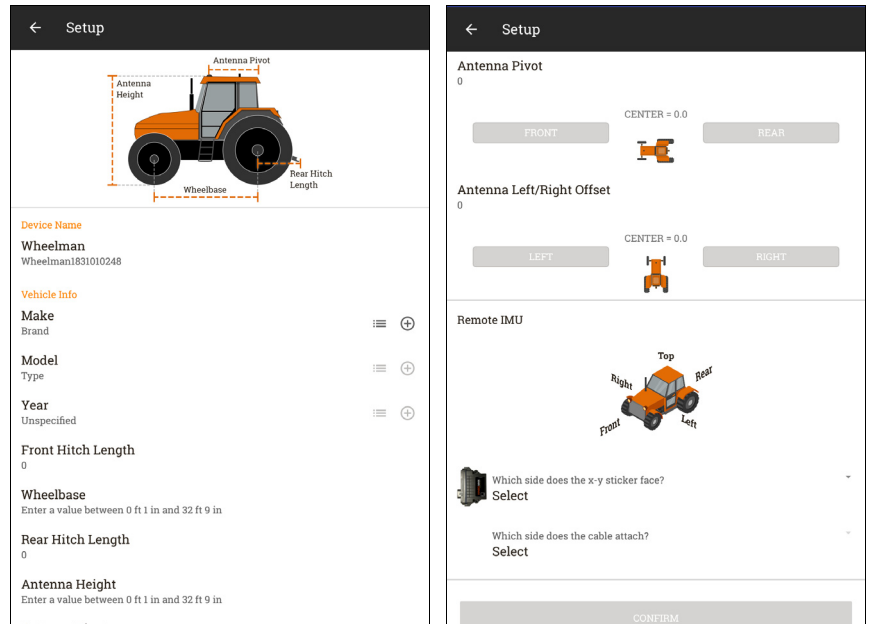


## 4 Set up your vehicle

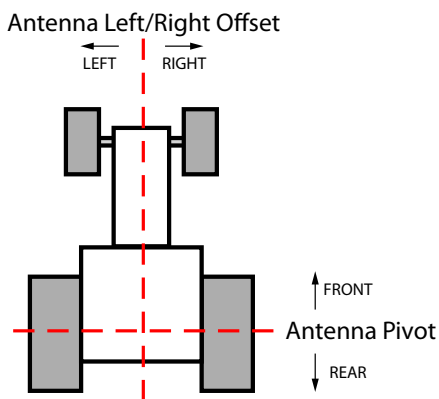
### Measure your vehicle's dimensions before proceeding.

Setting up a vehicle in Whirl involves entering your vehicle's dimensions along with setting the direction and orientation of the RIMU to match how you installed it in your vehicle (as outlined in your Wheelman Pro Installation Guide).

Use the Setup screen (see figures at right) to set up your vehicle. You may need to swipe up on your phone/tablet to see all the fields on the screen. When finished, tap CONFIRM at the bottom of the screen—this button is enabled only after you complete all fields.



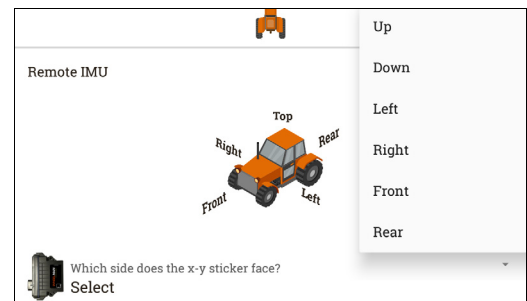
- To enter your Make, Model, and Year, tap the plus icon (+) for each, type a value, then tap **DONE**. *Note: The Year must be four digits (for example, type 1998 instead of 98).*
- For each vehicle measurement, tap the measurement, type a value, then tap **DONE**. Antenna Pivot and Antenna Left/Right Offset are based on where you install the antenna relative to the vehicle pivot line (front/rear) and the vehicle centerline (left/right), so you must select a direction for each.



When you installed the Remote IMU (RIMU), the X-Y sticker and the cable port face a particular direction. Verify the directions in your cab then complete the steps below.



- Tap the first item below the vehicle graphic, then select an option. For example, if you installed the RIMU flat on the cab floor with the X-Y sticker facing up, tap **Up**.
- Tap the second item, then select an option. For example, if where the cable attaches to the RIMU is pointing to the rear of the vehicle, tap **Rear**.



- Tap **CONFIRM**.

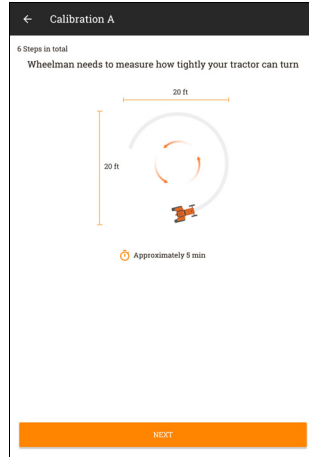
## 5 Calibrate your vehicle

You need to calibrate your vehicle before using Wheelman Pro in your field the first time—this fine tunes the performance capabilities of Wheelman Pro. You need only calibrate your vehicle once.

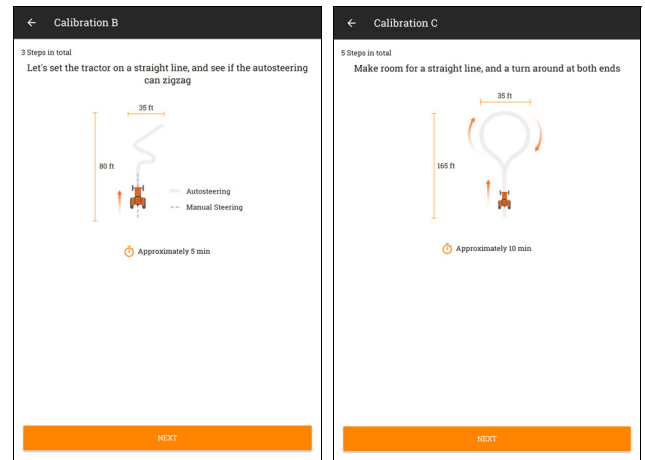
There are three Calibration procedures: A, B, C. Each procedure has several steps. Whirl guides you through each step, prompting you to perform certain vehicle maneuvers and to tap NEXT or DONE at the bottom of the Whirl screen.

Starting with the first Calibration A screen (below):

1. Review the onscreen text, then tap **NEXT**. Follow the onscreen instructions to complete Calibration A. When Calibration A is completed successfully, a **SUCCESS!** message appears. Tap **DONE** to proceed to the first Calibration B screen.



2. Complete the next two calibration procedures (B and C, first step of each shown below) by following the onscreen directions.



When all calibration steps are completed, the final **SUCCESS!** screen appears. Tap **DONE** to display the task screen, where you add an implement then start your task.

## 6 Add an implement then name your task

Each piece of work you do in the field is called a task and each task requires an implement. You can add multiple implements to Whirl and then select the implement appropriate for your task.

When you first see the task screen, the **START TASK** button is disabled because you have not added (or later selected) an implement and have not named your task.

1. On the task screen (at right), tap **Implement**.
2. Tap **+**.



3. Type the implement name then tap **NEXT**.



4. Type the implement width, then tap **ADD**. *Note: If the width is a whole number, leave the inches field blank.*



5. Tap the implement to select it and return to the task screen.
6. Tap **START TASK** (at right).



7. Type a task name, then tap **DONE**. The mode screen appears, where you select your autosteering mode and set your line.



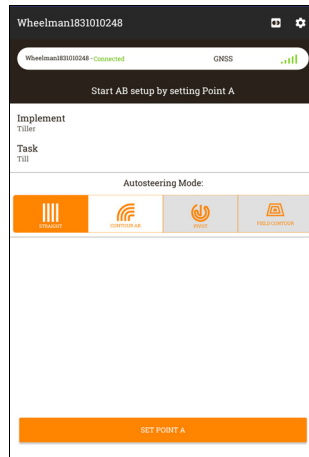
## 7 Select an autosteering mode, then set and drive your line (straight AB example)

You can use the Whirl app or the Wheelman Pro dashboard to set and drive an AB line—both methods are described below. Keep in mind that you use the Whirl app to select your implement and to name and start your task.

### Use the Whirl app to set and drive an AB line

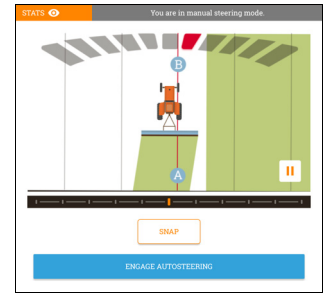
After adding your implement and naming your task, you can use the Whirl app to autosteer your vehicle. When setting your AB line, follow the prompts displayed in the upper (black) section of the screen.

1. Drive to your starting point in your field, then make sure the STRAIGHT button is orange (if not, tap STRAIGHT).
2. Tap SET POINT A. A 'point recorded' message appears briefly.
3. Start driving the first pass. As you near the end of the pass, tap SET POINT B to set the AB line.
4. Tap AUTOSTEERING.

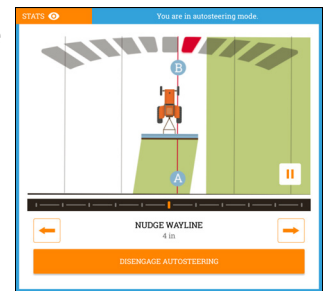


### 5. Tap ENGAGE AUTOSTEERING (see top right).

- Your vehicle is steered along the AB line.
- The DISENGAGE AUTOSTEERING button, nudge arrows, and blue outline appear (see bottom right).

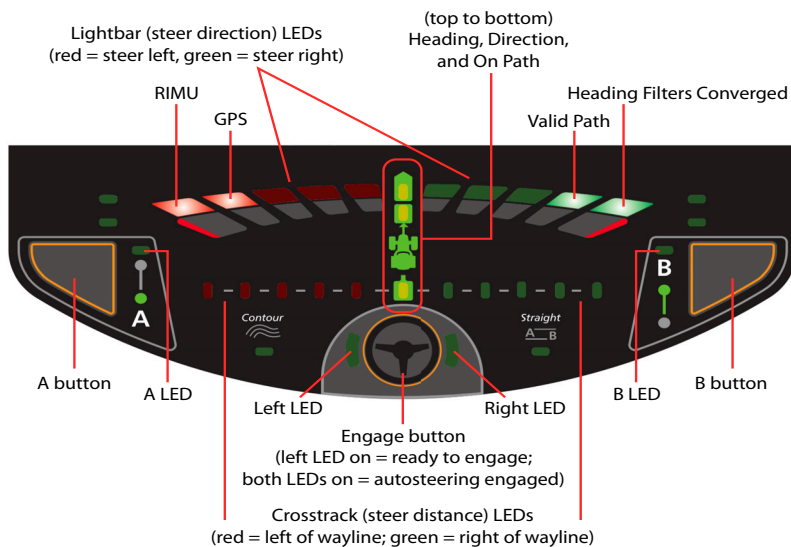


6. At the end of the pass, manually turn around (autosteering disengages) and steer toward the next pass. When ENGAGE AUTOSTEERING is blue, tap it to engage.
7. Repeat step 6 for additional passes.



### Use the Wheelman Pro dashboard to set and drive an AB line

The Wheelman Pro dashboard is located on the lower front of the Wheelman unit installed on your vehicle's steering column. Use dashboard buttons to set and drive an AB line.



Note on lightbar and crosstrack LEDs:

Lightbar: The more you need to steer left/right to drive toward your wayline, the more red/green LEDs are lit; the less you need to steer toward your wayline, the fewer LEDs are lit.

Crosstrack: The farther left/right you are away from your wayline, the more red/green LEDs are lit; the closer you are to your wayline, the fewer LEDs are lit.

1. Drive to your starting point in your field.
2. Make sure the Straight LED is solid on, then press the A button.

If the Contour LED is solid on and the Straight LED is off (Contour mode is selected), press both the A and B buttons at the same time to switch to Straight mode, then press A as above.

3. Start driving the first pass. As you near the end of the pass, press the B button to set the AB line.
4. With both Engage button LEDs solid on, press the Engage button to engage autosteering. The following LEDs are solid on as Wheelman steers your vehicle along the AB line: A and B buttons, Engage button (both LEDs), Heading, Direction, and On Path.
5. At the end of the pass, manually turn around (autosteering disengages) and steer toward the next pass. When the Engage button LEDs are solid on, press the button to engage autosteering.
6. Repeat step 5 for additional passes.