



Agi-Drive V8 Scales Calibration Manual



Agi-Drive



Calibration Steps are as follows:

1. Power On:

- Turn on the Agi-Drive and wait for the countdown to complete, leading you to the main screen.



2. Access Calibration Screen:

- Hold the Shift button and press the Revs Up button, then release both to enter the Scales Calibration screen.



3. Zero the Scales:

- Navigate to Cal Zero Weight menu using the Resume/Stop button (up/down).
- Press the Disc button to access the menu, which shows live pressure from airbags.
- Note: Ensure the truck is on flat ground with nothing in the barrel.
- Press the Mix button to store the live pressure as the Zero Weight.



4. Set Density:

- Go to the Density menu and press the Disc button to enter.
- Use the Revs Up/Down buttons to change the first value to 2. Press Disc to move to the next value and set it to 3.
- Continue this until you enter the value 2350.
- Press Disc to move right until the cursor stops flashing. Then, press the Mix button to store and exit the density menu.



5. Input Load Weight:

- Load the truck with concrete and place it on level ground.
- Choose either Load KG or Load M3 and input the weight into the barrel.
- Press Disc to access the menu, then use Revs Up/Down to adjust the values.
- Move all the way to the right until the cursor disappears, and press the Mix button to store the value and exit the menu.



6. Exit Calibration Menu:

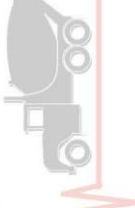
- Press Transit once to go to the first menu, or twice to exit the scales calibration menu.





DM - CINCH W30 MALE PLUG	
PIN NO:	WIRE COLOUR WIRE DESCRIPTION
D2	RY=Red/Yellow Scales IGN - Sensor A
J2	RY=Red/Yellow Scales IGN - Sensor B
J1	OB=Orange/black Scales Signal Return - Sensor A
H2	OG=Orange/Green Scales Signal Return - Sensor B

Agi-Drive



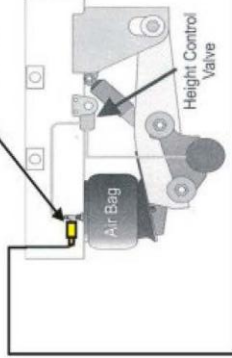
Scal es

SCALES - DEUTSCH 4-WAY MALE PLUG	
PIN NO:	WIRE COLOUR WIRE DESCRIPTION
1	RY=Red/Yellow Scales IGN - Sensor A
2	RY=Red/Yellow Scales IGN - Sensor B
3	OB=Orange/black Scales Signal Return - Sensor A
4	OG=Orange/Green Scales Signal Return - Sensor B

SENSORS - DEUTSCH 4-WAY FEMALE PLUG	
PIN NO:	WIRE COLOUR WIRE DESCRIPTION
1	R=Red Scales IGN - Sensor A
2	R=Red Scales IGN - Sensor B
3	B=Black Scales Signal Return - Sensor A
4	B=Black Scales Signal Return - Sensor B

Cut non required wires and heat shrink back onto sensor cable

Pressure Sensor



AIR BAG SENSOR A



The A & B airbag sensor wires are required to be terminated into the deutsch 4 way female plug

AIR BAG SENSOR B



INSTALL NOTES:

1. Not all trucks require 2 Airbag Sensors. If you are not sure please contact us
2. Please only use Agi Drive Air Bag Sensors for accurate weight readings.
3. Turn HMI Dipper Switch 8 ON for HMI Scales.
4. CAL Light Bow as Zero & CAL Heavy Bowl with a known loaded bowl weight (via weigh bridge ticket)

TOPIC: Agi-Drive - V8 Scales Circuit Schematics_250814-1

DATE: 14/08/25
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Need Help?

Here are some **Additional Resources**

- **Agi-Drive Website**

Visit our official website for more information, product updates, and support resources.

www.Agi-Drive.com.au

- **YouTube Tutorials**

Check out our **YouTube channel** for video tutorials on using the Agi-Drive and calibrating the scales.

www.youtube.com/@AgiDrive

- **Technical Support:**

For technical support, **visit our website** to find circuit diagrams and how-to information.

- For **Emergencies**

Contact Agi-Drive at **0407 747 485**.

- **Share Feedback:**

We value your input! Please leave your feedback on our website to help us improve our products service.

Agi-Drive

Mixer Control Systems



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