

# GPS SPEED SENSOR ADAPTER 3013

## INSTALLATION & OPERATION INSTRUCTIONS

AM-3013/2



### COMPONENT LIST

| PART NO:  | DESCRIPTION                   | QUANTITY |
|-----------|-------------------------------|----------|
| A-3013/2  | GPS SPEED SENSOR              | 1        |
| AC-3013/2 | 3013/2 GPS SPEED SENSOR CABLE | 1        |
| AM-200    | WARRANTY CARD                 | 1        |
| AM-3013/2 | OPERATIONS MANUAL             | 1        |
|           |                               |          |

### GENERAL INFORMATION

The 3013 GPS is a GPS speed sensor which provides a true ground speed signal ready for use with virtually any controller or monitor.

#### **WARNING!**

The GPS speed sensor may generate spurious speed readings whilst stationary. Any controller connected to the GPS speed sensor must have a 'Master Off' switch to prevent potential activation of the controller whilst stationary.

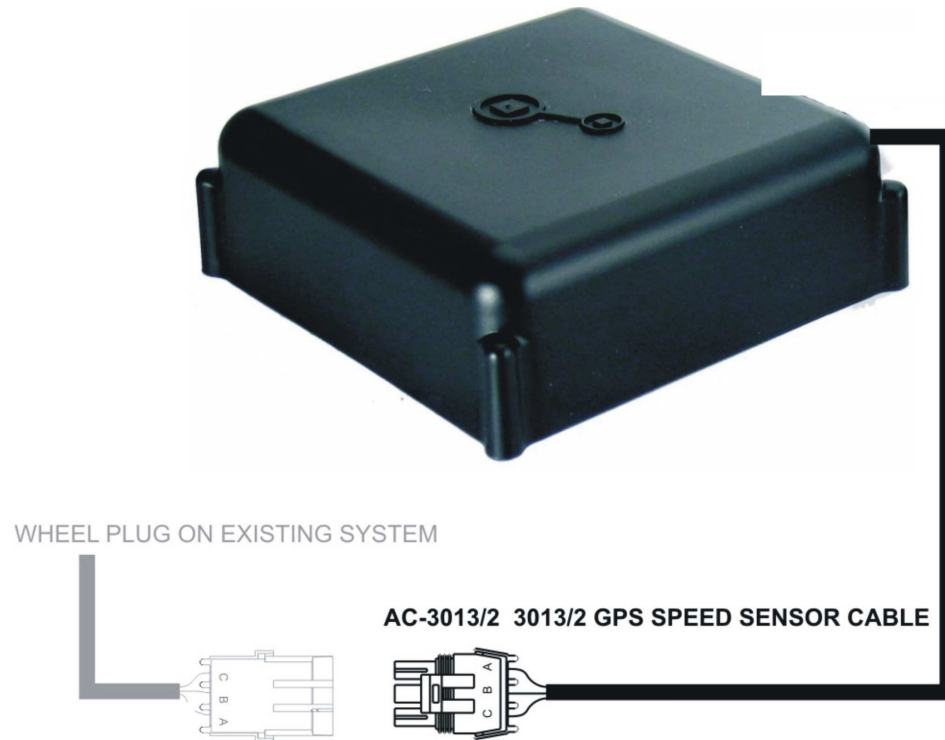
If servicing or cleaning the machine fitted with a controller, the controller must be turned off, so that a spurious signal received from the GPS speed sensor doesn't start machinery working and cause injury or harm to the person servicing the equipment.

The GPS speed sensor will only operate above 1.0kph.

## INSTALLATION

Mount the GPS speed sensor as close as possible to the device using GPS data.

Fig 1 shows how the 3013 is wired together.



1. GPS speed sensor outputs GGA and RMC at 1HZ at 9600BPS
2. For pulsed GPS speed enter a wheel factor of 0.250m.

The 3013 comes with a standard Packard 3 Pin connector.

## FARMSCAN MONITORS/CONTROLLERS

**2400** – Cut off three way Packard of AC-3013/2 and wire in to phoenix header white to pin marked wheel, black to pin marked GND and red to pin marked +12v out.

**24V1** - fit into radar input on 24V1 tractor loom.

**3000VRC** – plug into wheel on airseeder loom.

**3500VRC** – plug into wheel on airseeder loom.

**PRIMO** - fit into radar input on PRIMO tractor loom.

## OTHER MONITORS/CONTROLLERS

White wire A - SIGNAL

Black wire B - GND

Red wire C - +12V POWER

## OPERATION

### GPS SPEED SENSOR (use AC-3013/2)

1. Plug in AC-3013/2 in the 3013 as shown in figure 1.
2. Plug in AC-3013/2 into wheel input or radar input on controller.
3. Change the 'WHEEL FACTOR' of the monitor or controller to **0.250m** and exit back to the main screen. (turning on your controller will output +12v for the 3013)
4. Wait approximately 2minutes for signal to acquire.
5. Drive forward and speed should commence on the monitor.