

IVMS FITTING GUIDE

Fitting time approx. 30mins



OR



Installation Steps

- 1 Preparation
- 2 Location
- 3 Fitting
- 4 Activation

Tools required

- Crimping tool and small selection of fittings.
- Wire stripping tool.
- Electrical tape.
- Solder and soldering iron.
- Stanley/craft knife.
- Heat shrink
- In line fuse holder with 5A fuse
- Optional Piggy Back fuses

Step 1 - Preparation

- For Light Vehicle and Truck installations the IVMS2 is fitted inside of the cab. The IVMS2 is not waterproof.
- The cables/wires which require connection are,
 - Red Wire = Connected to permanent battery positive.
 - Black wire = Connected to chassis ground on (machine side of isolator).
 - White wire = Connected to alternator signal wire or Ignition position “Engine On” (indicates engine is running).
 - Blue Wire = Chassis Ground when the seatbelt is not fastened (No ground when seatbelt is fastened).
 - It is recommended that a free hanging fuse is connected on the permanent battery positive wire if additional cabling is used.
- The IVMS2 contains an internal battery and will send an alert message if the permanent power is cut.

Step 2 - Location

- Identify the wires/fuses where you intend to get the permanent power and ignition/engine on power. It is not recommended to use the ACC power as this will create false high idle alerts and report incorrect engine hours.
- Identify the location of where you will fit the tracker



- The tracker should be located away from ignition sources or areas where it can become damaged. It should have no metal obstruction between the box and the sky for best results. It should not be in direct sunlight or placed in front of heating/AC vents.
- The tracker comes with an industrial Velcro®. Mounting plates (with screws) can be supplied if requested. In most cases the Velcro® pad is more than sufficient. If using the mounting plates, ensure the screws to connect the plates to the device are only used on the edges of the box, this avoids any damage to the circuit boards within the device.
- The tracker should not impede the operation of the vehicle and all cables must be out of the way of the driver/operator.

Step 3 - Fitting



- Run the cables
 - Ensure the machine is isolated/battery is disconnected.
 - Connect the 4 wires to the identified circuits.
 - Red Wire = Connected to permanent battery positive.
 - Black wire = Connected to chassis ground on (machine side of isolator).
 - White wire = Connected to alternator signal wire or Ignition position "Engine On" (indicates engine is running).
 - Blue Wire = Chassis Ground when the seatbelt is not fastened (No ground when seatbelt is fastened).
- Ensure the cables are tied up out of the way and will not impede the driver.

- **Test the device**
 - Un-isolate the vehicle.
 - Wait 3-5 minutes and start the machine. (The device will be registering on the network, downloading its programming and obtaining GPS fix)
 - Scan the QR code below and have the following information ready:
 - Machine ID (if not known, some identifying data such as Rego)
 - Current Hours/KM reading
 - LMU number being fitted . This is on a TFO sticker on the device.
 - Asset Details: Make, Model, Type, VIN/Serial Number
 - Have an ID KeyFob handy at this point.
- **Pack away**
 - Ensure all cables and ties are tidy.
 - Ensure the user manual stays with the driver of the vehicle.



Scan for Install
Troubleshooting

Step 4 – Activation

- Start the asset and let it run for 5 minutes.
- Turn asset off and scan the QR code with your phone. Allow location services.
- Follow the steps through the activation app.
- You will need details about the asset and the tracker number to complete the activation
- Please call 1300 110 248 If you have any issues with the activation for assistance



Scan for
Activation App