Berotec Gen 2 Installation Instructions

Berotec Gen has the capacity to have 2 x Sensors reading on the dash panel at the same time.
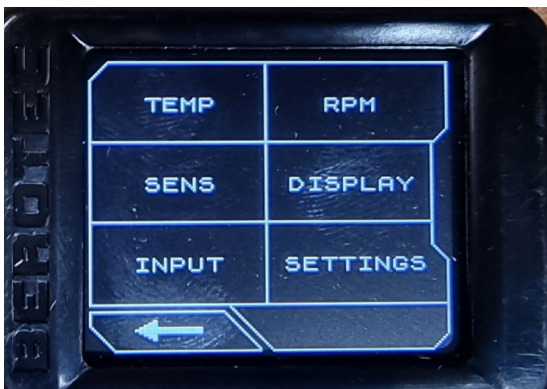
RPM

Gear selected

Sensor 1

Sensor 2

Ambient temp

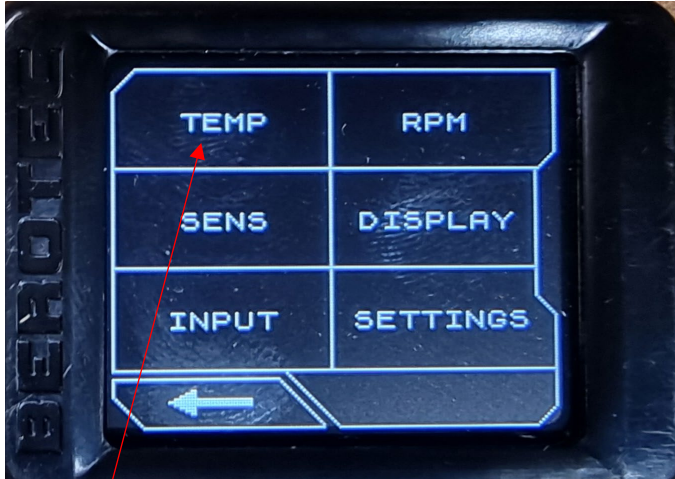To access menu from this point touch screen, menu options will appear

If you are only using 1 sensor screen will show menu window

Select which part of the menu you want by touching the window
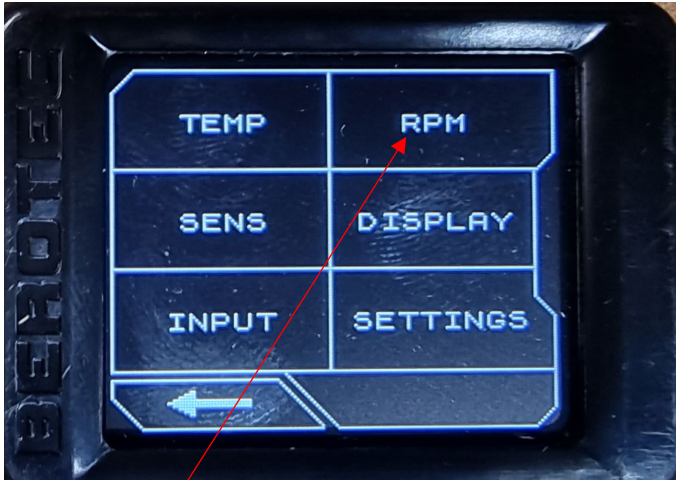
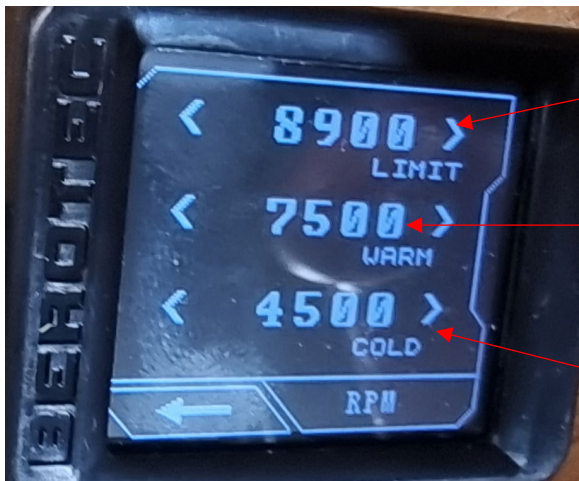Press Temp

Max temperature alarm setting

Temp setting for when gear change RPM is normal.

When engine is below this set temperature the unit flashes and goes white at the RPM you set as cold RPM in RPM window

Ice warning temp

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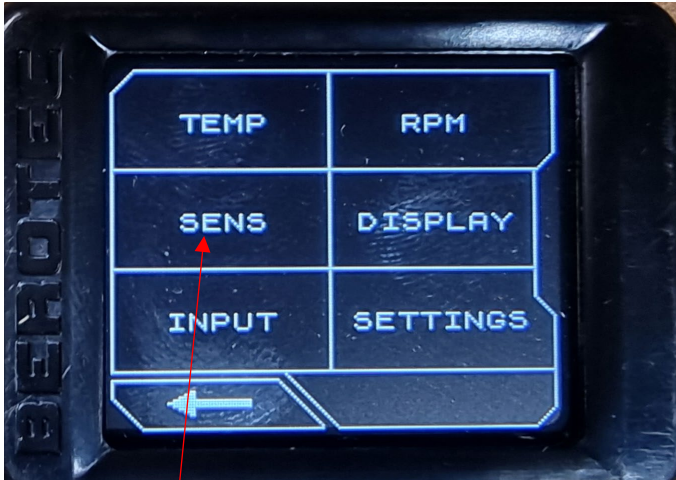

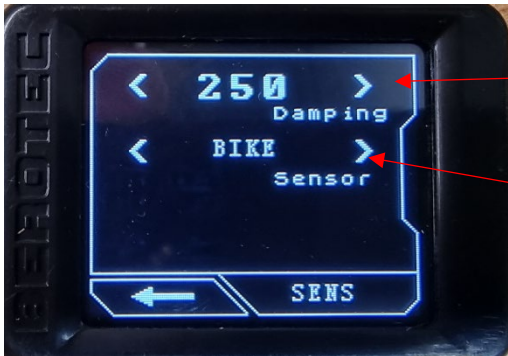Press this

Set value for Max RPM warning

This value is when you receive a warning of high RPM (EG orange bar) when engine is above the hot temp from previous window

This is the RPM that the unit will flash and go white when it is exceeded when engine temp is below the HOT temp set in the previous window

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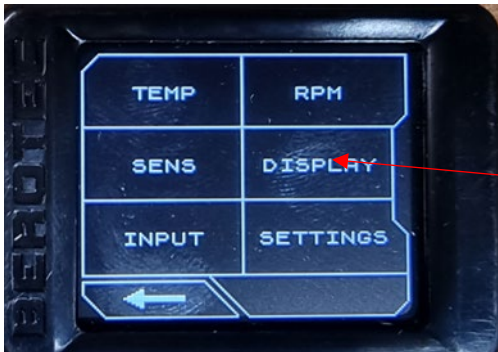
Press this

Leave this as 250
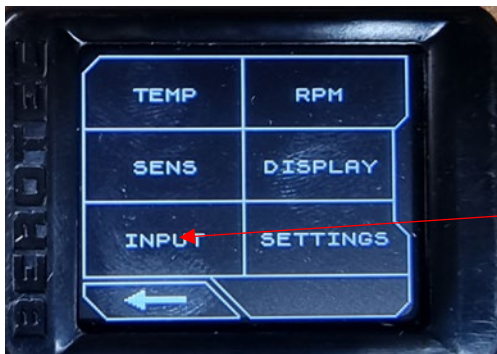
Make sure this is on BIKE

Press this

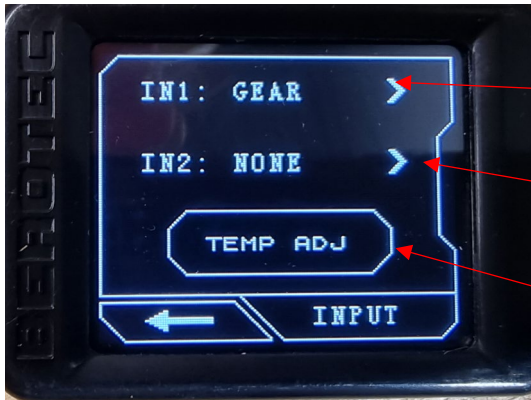This arrow scrolls through all the colours available for the layout.

This arrow rotates the display layout

Scroll through different layouts of the display

Press this one

Berotec Gen 2 Installation Instructions

IN1: GEAR

IN2: NONE

TEMP ADJ

INPUT

Press the arrow to access the gear calibration window

If you have a second sensor scroll through to set the correct one

This is to adjust temperature if the values on the unit appear incorrect

GEAR 1

200

CALIBRATE

GEAR

This is the gear you are in once it is calibrated it will go green

Make sure bike is in 1 st gear then press calibrate. Once calibrated the top line turns green. Arrow to the next gear and repeat. Repeat this for each gear

TEMP   RPM
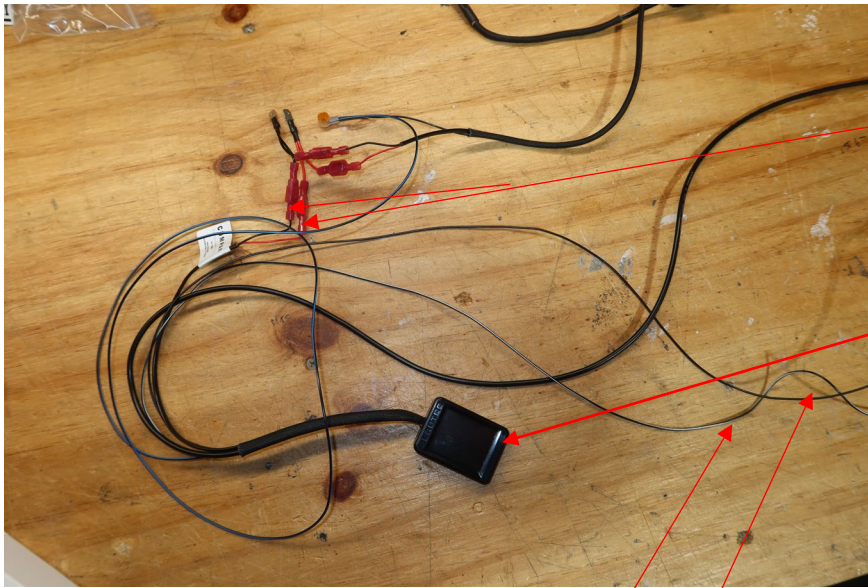
SENS   DISPLAY

INPUT   SETTINGS
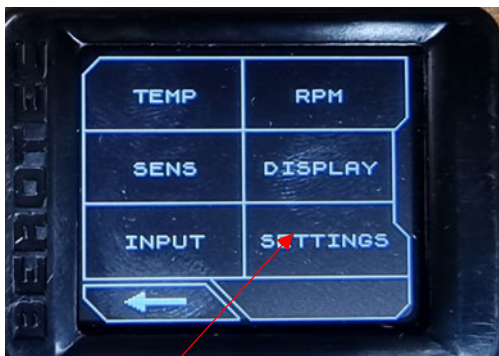
Settings you don't have to worry to much about

Hope this helps you setup your unit. You can try different colours and different layouts to see what works for you
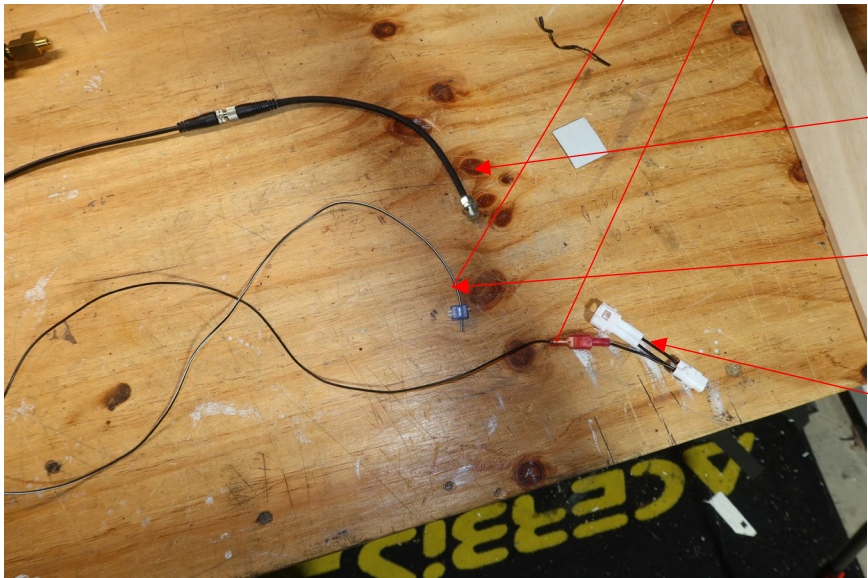
Berotec Gen 2 Installation Instructions

Setup your unit on the bike

EXCf/FE

Head unit power connections.

Red power

Black earth   A1

Head unit

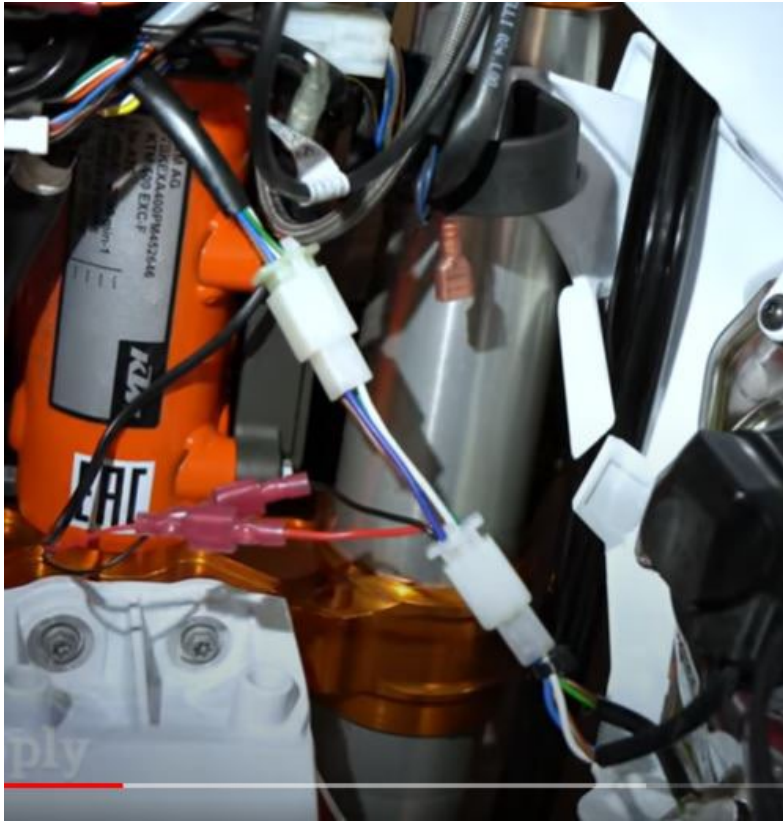Temp sensor oil or water   A3

Gear shift input

Tacho input Bridge and tacho input wire

A2

If using one sensor input these are all the connections required

A1

Connect positive and negative from headlight wire bridge that comes in the kit

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A2

Fit Tacho input bridge into white plug on LHS of bike behind the cylinder head. Then connect the Tacho pickup wire blacK with pinky coloured blade terminal

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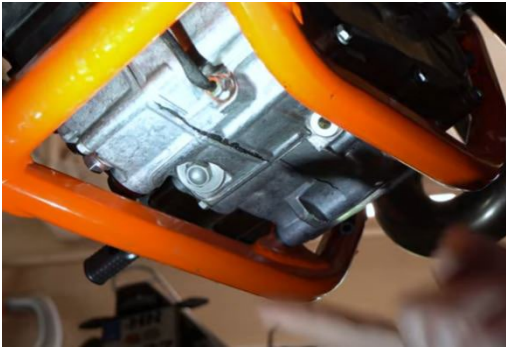
A3

For oil temp screw temp sensor into this plug on 450/500/501 when using M10 sensor, when using ABC clutch cover use M6 and screw into rear port on cover. For 250 and 350 you will need to use a drain plug drilled and tapped to suit the sensor if you require oil temp
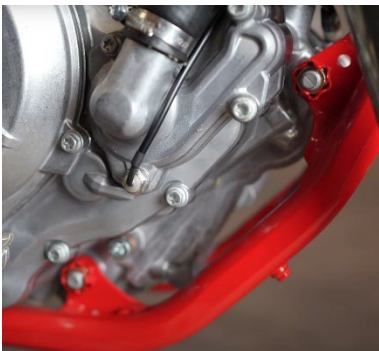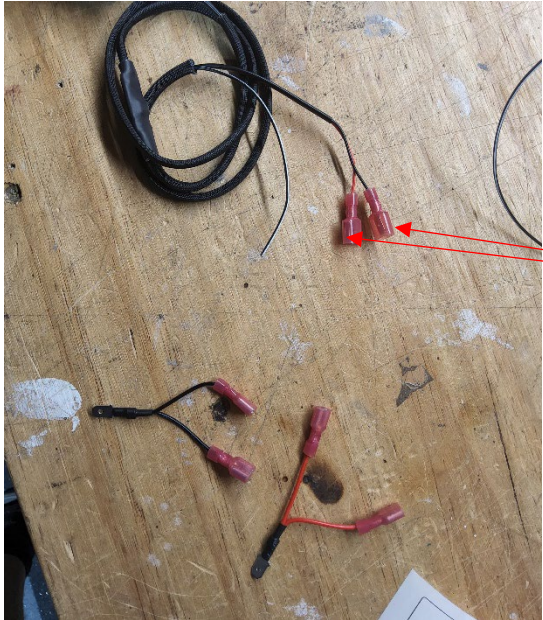

A3

Sensor used in coolant drain plug

A4

A4

Use connector supplied to connect black with white strip from head unit Cumpan

To White wire on 3 pin plug from gear sensor.

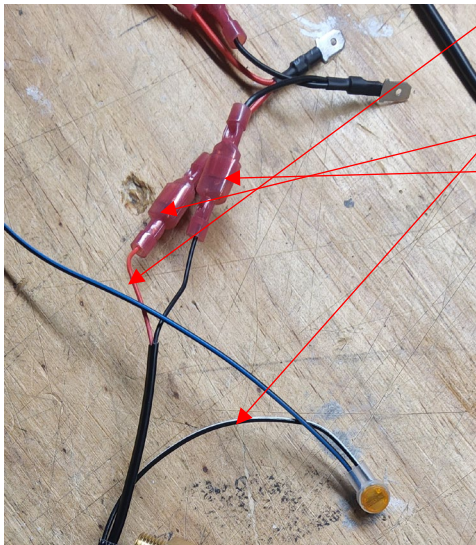If you are only using one sensor you are finished the connections. For 2nd sensor next page

Positive and negative for 2nd sensor plugs into bridge

Input wire from second senor connects to Black and Blue wire from head unit using connector supplied

Bridges for positive and negative these allow 2 x electrical connections from 1 outlet.

Plug these into Bridge on headlight cable. Head unit power plugs into these and also power for 2nd sensor plugs into these.

Oil pressure switch installation, electrical connections are the same with both oil pressure and temp sensor.

Now setup the dash panel as per first page.