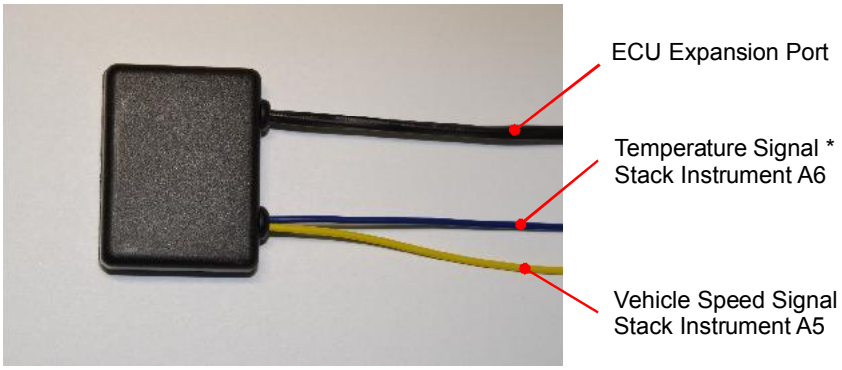
Lotus Elise Gauge Cluster Interface PROECU-K

For the very popular K-Swaps into the Lotus Elise and Exige we have a very easy solution to get the Speed and Engine Coolant Temperature on the Stock Stack Gauge Cluster to work.

We offer the following Interface Modules:

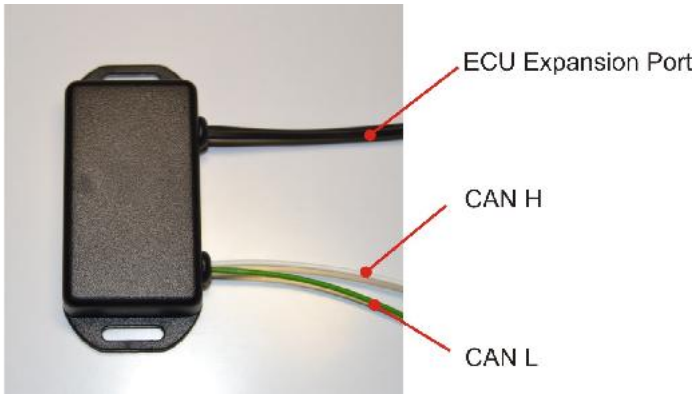
- for the Rover S1 Elise/Exige which has the stock Speed Sensor on the CV Joint, the Gauge Cluster is directly connected to a (blue) Engine Coolant Temperature Sensor.*
- for the Rover S2 Elise/Exige which has the Speed Sensor in the Hub/Wheel Bearing and the Engine Coolant Temperature Signal is generated by the ECU.
- for the Toyota S2 Elise/Exige with CAN Bus Gauge Cluster, MY04-MY07
- for the MY08-MY09

Connection S1/S2 Interface



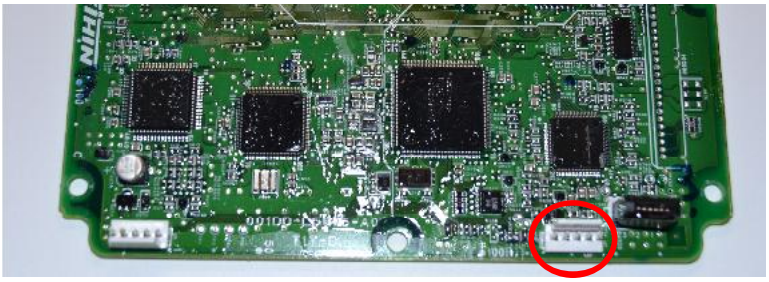
* For the S2 where the Temperature Signal is generated from our Interface, too! Our new Interface for the S1 is able to generate a Temperature Signal for the S1 Gauge Cluster, too. No need for the blue Temp. Sensor anymore.

Connection MY04..MY09 CAN Bus Interface



Connection to the ECU

Connect the Elise Gauge Cluster Interface to the ECUs or Expansion Boxs Expansion Port.



Expansion Port

Expansion Box

Passthrough Expansion Port

Addition Connection for CAN Bus Gauge Cluster

For the MY04..MY09 Interfaces you need to connect the Fuel Level Sensor and the Oil Pressure Switch to the K-ECU.

Fuel Level Sensor to Pin E14 (FTP, Fuel Tank Pressure)
Oil Pressure Switch to Pin E16 (PSP, Power Steering Pressure)

Software Settings

Enable the "Copy ECUs Analog Inputs as External Sensors" under Sensors->External Sensors to make the Fuel Level Signal work.

Set the Shiftlight under RPM & Cuts->Shiftlight.
For the MY08+ set the RPM for the 1st Shiftlight. The 2nd and 3rd will follow in 200RPM steps.