

Fitting Lambda Sensors to Gems

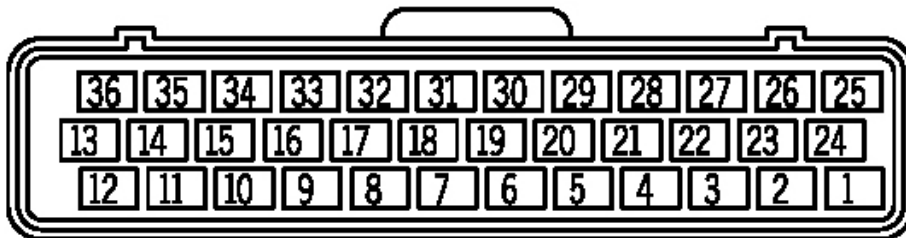
Below are the connections that should be made to the Lambda sensors on the 1995 - 2000 Gems Range Rovers if there were no Lambda sensors as standard. These wiring instructions are also relevant to the Defender 90 50th anniversary and also any other vehicle, for example Morgan + 8 4.0 litre, which may have been fitted with Sagem (Gems) fuel injection, however, the colours of the wires from the ECU wiring harness may vary.

ECU connector			Lambda sensor	
Connector	Pin No.	Wire colour	Wire colour	Function
Small Black	8	White	Red	Heater Positive
Large Black	21	White/Orange	White	Heater Negative
Centre Red	10	Red/Black	Yellow	Signal Ground
Centre Red	33	Blue	Black	Right Bank Signal
Centre Red	34	Orange	Black	Left Bank Signal

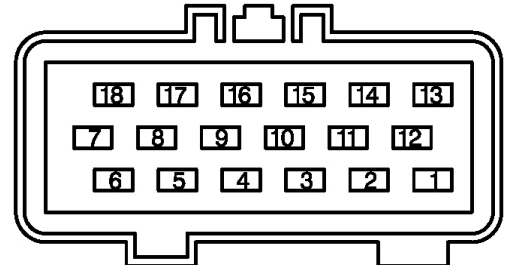
When we refer to Right and Left Banks, this is in relation to the position of sitting in the car, therefore the Left Bank would be cylinders 1, 3, 5, and 7.

The connector views below are as you look into the connector side of the plug. Not the wire side!

Centre Red Connector



Small Black Connector



Large Black Connector

