

## Fitting The Record / Playback Module Inside Single Decoder Units

Version 1

*Applicable to the following types of Renault decoder units:*



**Units with Motorola 68HC05 Microprocessor**



**Units with 8 pin EEPROM on the back of the PCB**



**Transponder Only Decoder unit, Motorola 68HC05 Microprocessor**

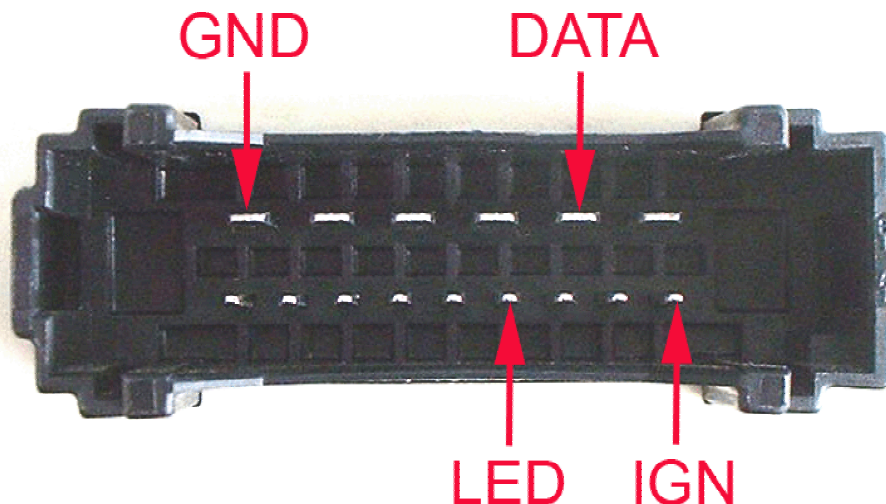
**Note: The mounting lugs may vary on each of these decoders**

### **General**

It is possible to mount the RPM unit inside each of these decoder units, rather than to wire it into the vehicle's wiring harness. This means that most of the work can be done on the bench, rather than under the dashboard of a car. If the RPM is connected and programmed correctly, the decoder unit can simply be plugged back in to to car at the end of the process, without the need to modify the harness.

This method is most conveniently done if an RPM Preprogrammer is used.

On each of the units shown above, all the immobiliser connections are made through the black connector, and the necessary pins are the same for each of the units:



**View looking into black connector**

The following photos show details of installation



Typical view of an RPM unit, mounted using double sided foam tape



Detailed view, showing soldered connections

**You need to cut the Data pin at the position shown. If you don't do this the vehicle won't start!**

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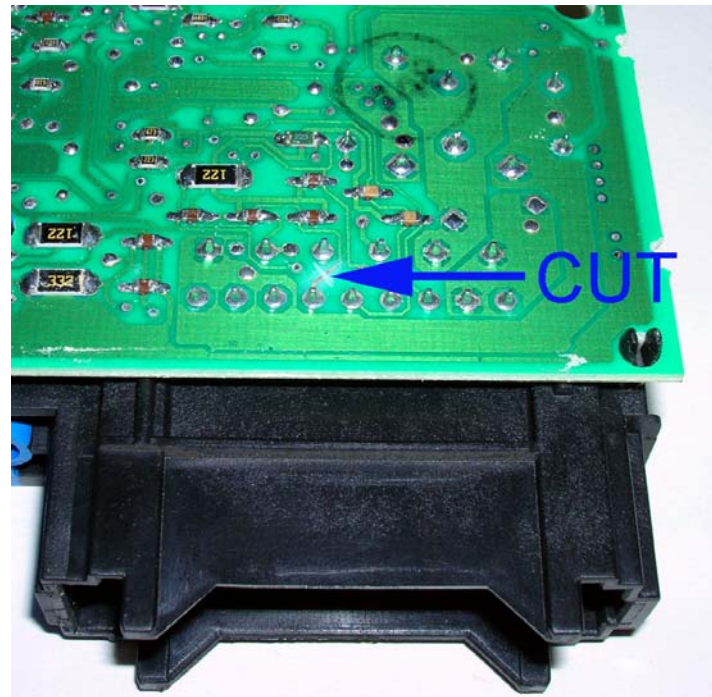
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**Track to cut, to stop LED from flashing, units with Motorola microprocessor**



**Track to cut, to stop LED from flashing, units with 8 pin EEPROM**