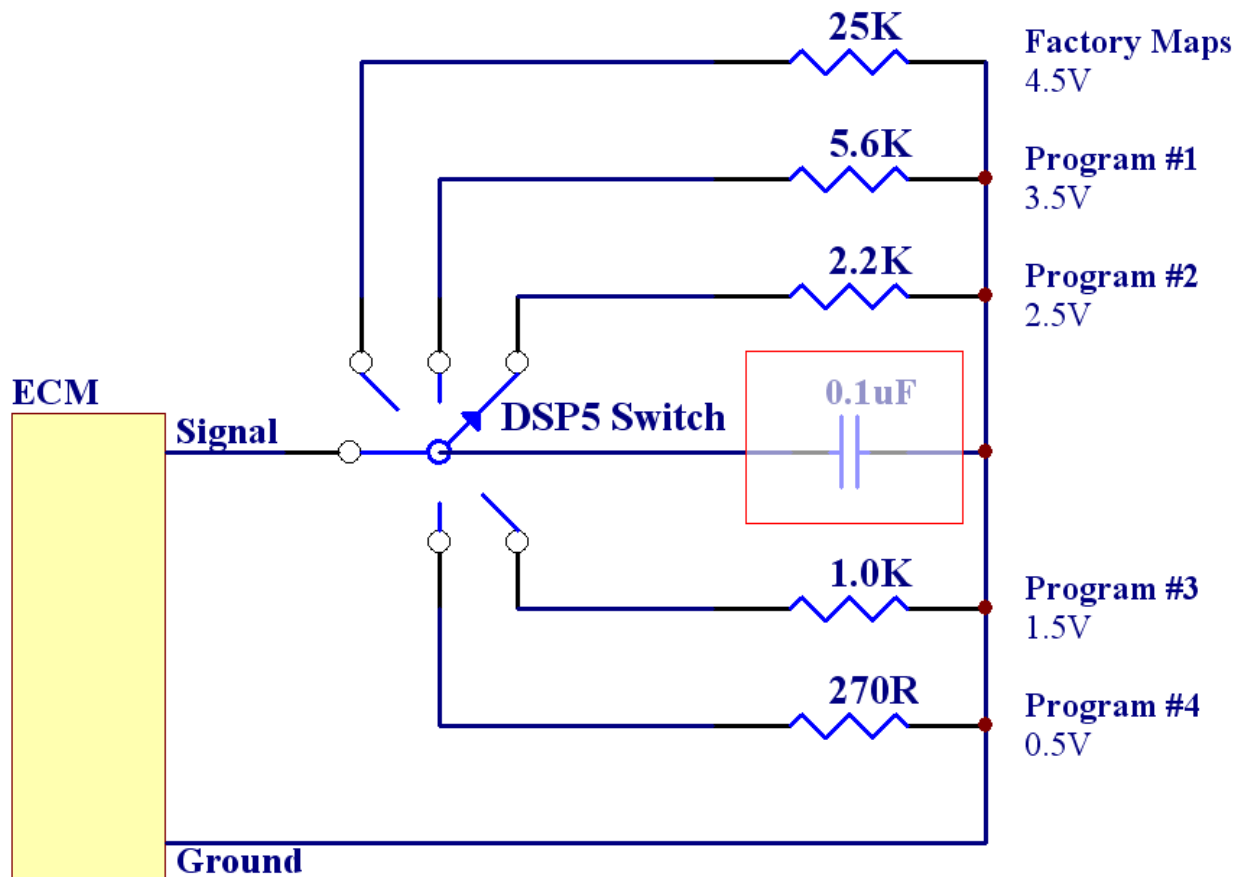


Wiring the DSP5 Switch

The DSP5 switch works by selecting different voltages for the ECM to measure, from these voltages the ECM can determine which program you wish to run.

Below is the suggested resistance to be used for any DSP5 switch you may wish to design. Also shown is the approx voltage the ECM will measure for each resistance. The switching voltages are configurable within EFILive, however, the values below give a good even separation of switch points.

The 0.1uF capacitor shown in red is optional, it is used to reduce switch bounce.



The connections to the ECM from the switch are made to the following pins –

LBZ & LMM

Signal = Connector 1 (the larger plug), pin 46, (*next to Grey wire-LBZ, Tan wire-LMM*).

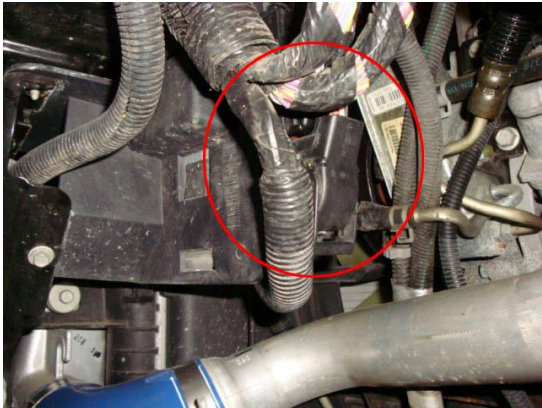




Ground = Connector 1 (the larger plug), pin 54, (*next to Yellow/Black wire*).

Note: It may also be possible to make the ground connection in the cab rather than the ECM.

(Refer to the connector view on the previous page)

The part number for the connector pins is – Tray #19, 1928498135

LBZ / LMM ECM Connector wiring installation

<p>#1 – Locate ECM Plug</p> 	<p>#2 – Remove the Larger Plug</p> 
<p>#3 – Remove purple locking clip (don't loose it!!)</p> 	<p>#4 – Remove top cover</p> 
<p>#5 – Insert new pins/wires Reverse procedures once done.</p> 	<p>Pin-out Reference (viewed looking at connector face).</p> 