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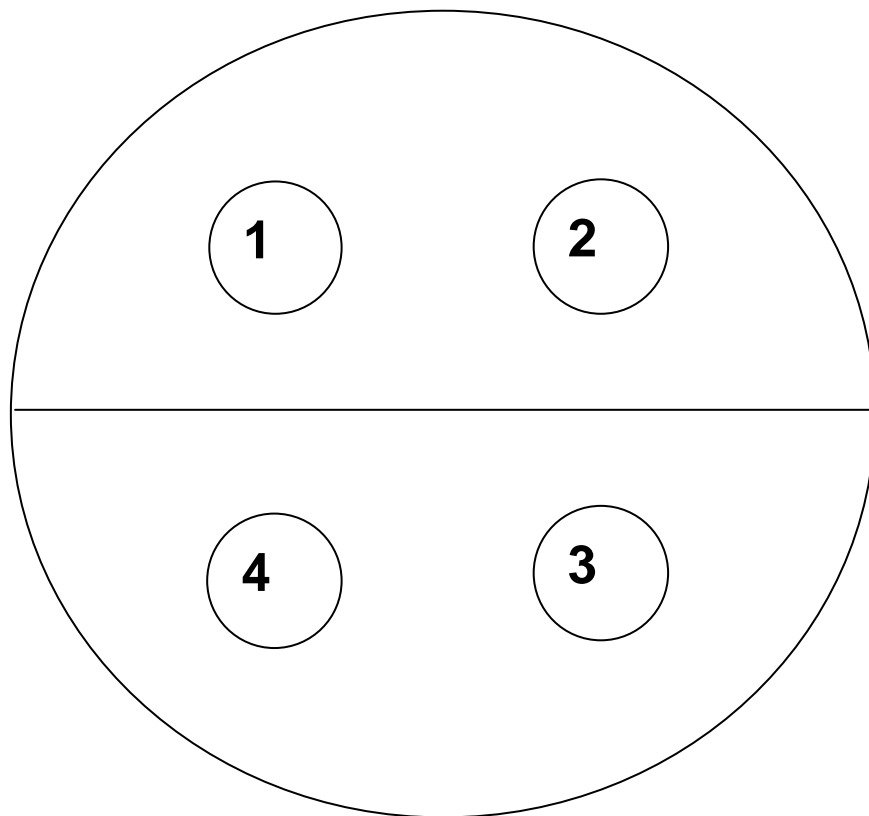
e-mail: [sbdmotorsport@btclick.com](mailto:sbdmotorsport@btclick.com)

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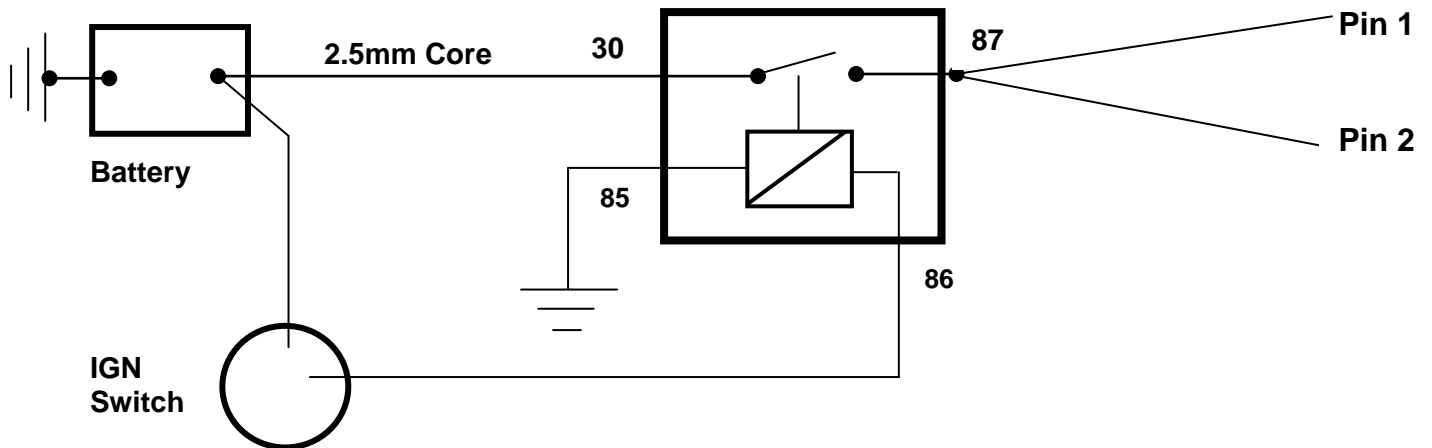
March 2012

## SBD 9A4i Series ECU Wiring Instructions

|       |        |  |
|-------|--------|--|
| Pin 1 | Purple | Perm. +12V(direct to battery, Via relay) |
| Pin 2 | White  | Perm. +12V(direct to battery, Via relay) |
| Pin 3 | Grey   | Gearshift light earth trigger            |
| Pin 4 | Green  | Taco (Rev counter)                       |



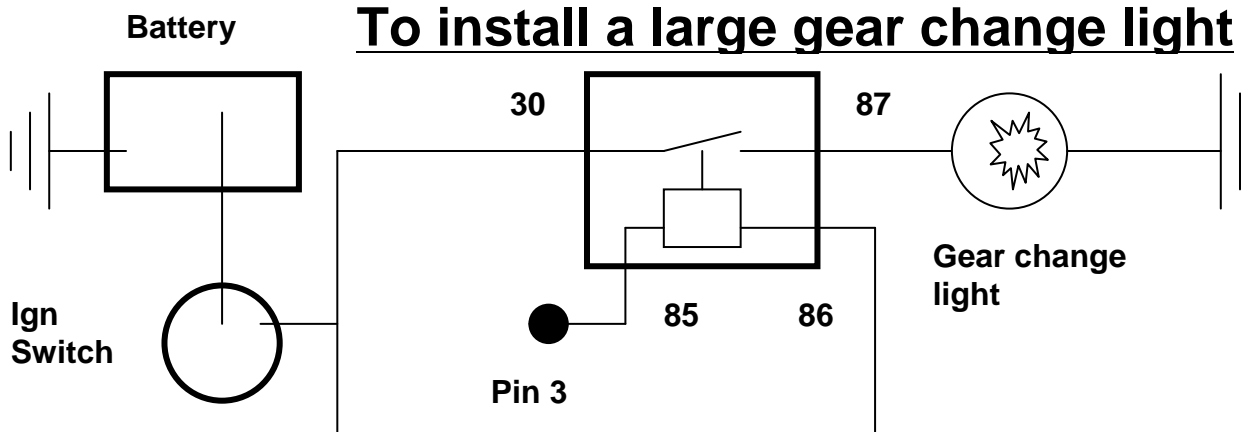
## Connect Pins 1 & 2 through a relay as shown:-



**NOTE** – 2.5mm Core wire **must** be attached directly onto battery +ve post.

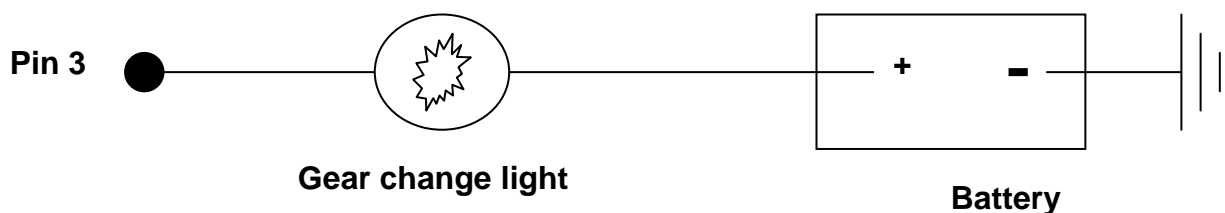
|               |  |
|---------------|--|
| Relay Pin no. | 30 - Connect directly to battery +ve post with 2.5mm core wire(see note above) |
| Pin no.       | 85 - Connect to Earth  |
| Pin no.       | 86 - Connect to ignition switched +12V   |
| Pin no.       | 87 - Connect to 2 wires from interface sure seal pins 1 & 2.                   |

## To install a large gear change light



|               |   |
|---------------|---|
| Relay Pin no. | 30 – Connect to ignition switched +12V        |
| Pin no.       | 85 – Connect to interface sure seal pin no. 3 |
| Pin no.       | 86 – Connect to ignition switched +12V        |
| Pin no.       | 87 – Connect to gear change lamp              |

## If using a small L.E.D. then a relay is not required



# COIL CONNECTOR PIN OUTS

