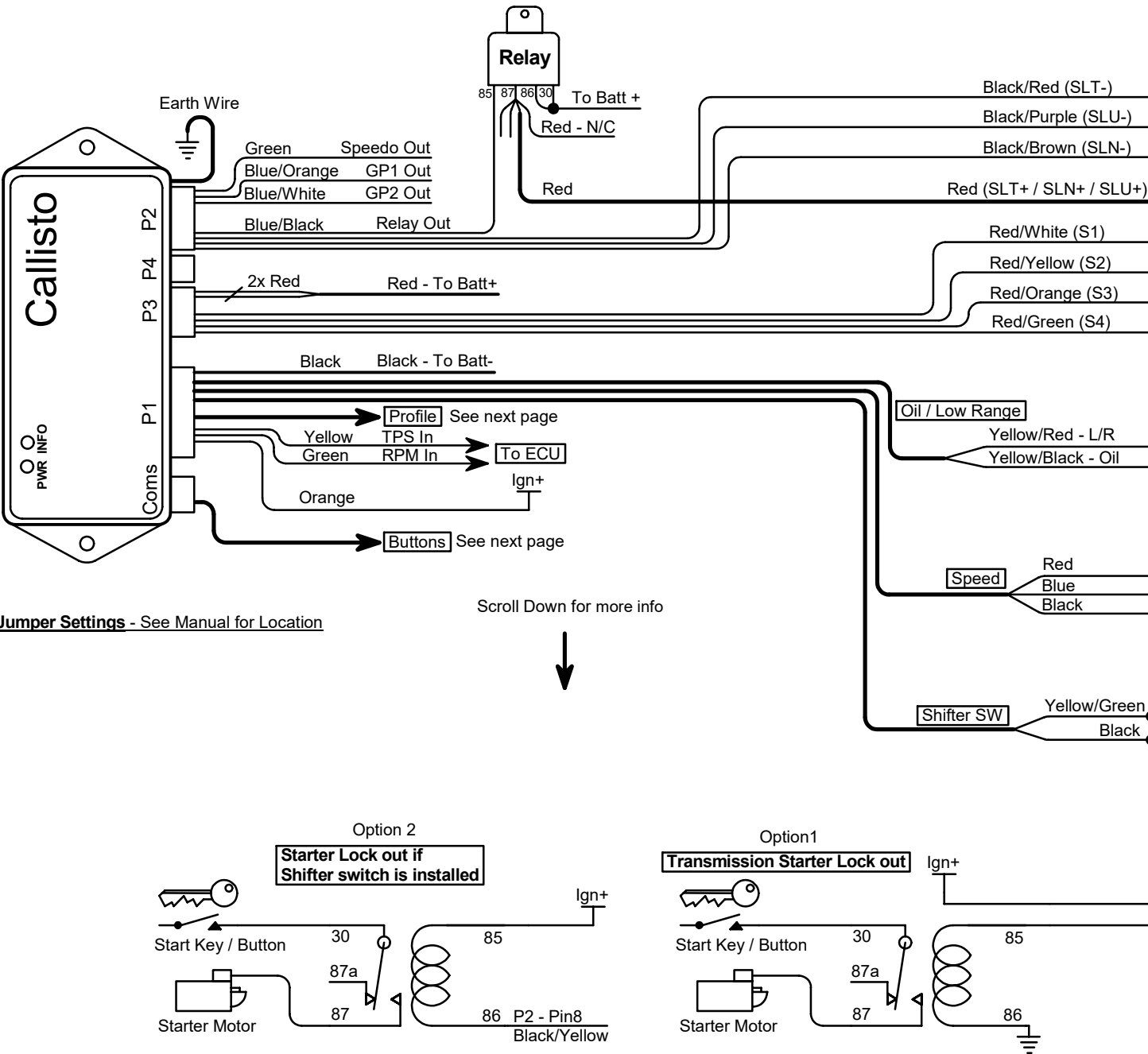


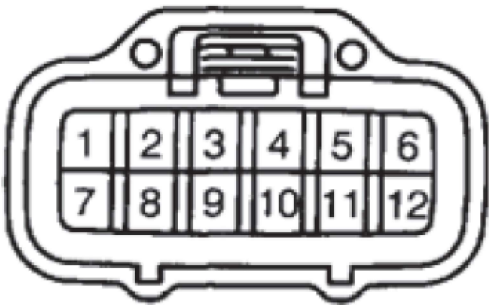
Aisin A650E 5Speed

Last Changed: 18/10/2025 Page 1 of 2
Harness Required: E71-P1, E62-P2, E63-P3, P07-Coms, CON2



Transmission Connector

NB! Harness Plug Pin View



Pin	Harness	Color	Connector	Resistance	
				Cold	Hot
1	Oil Temp	OT-	White	P1-Gnd	
2	Gearbox	SLT-	Black/Red	P2-6	3,5 4,6 Ω
3	Gearbox	SLN-	Black/Brown	P2-7	3,5 4,6 Ω
4	Gearbox	SLU-	Black/Purple	P2-1	3,5 4,6 Ω
5	Gearbox	S3	Red/Orange	P3-6	11 18 Ω
6	Gearbox	S1	Red/White	P3-5	11 18 Ω
7	Oil Temp	OT+	Yellow/Black	P1-1	
8	12V	SLT+	Red		
9	12V	SLN+	Red		
10	12V	SLU+	Red		
11	Gearbox	S4	Red/Green	P3-2	11 18 Ω
12	Gearbox	S2	Red/Yellow	P3-1	11 18 Ω

Magnetic Speed Sensor

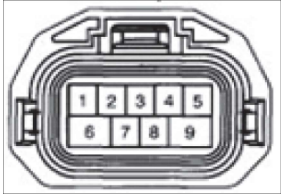
NB! Harness Plug Pin View

					Cold	Hot	
1	Speed	SP1+	Red	P1-5	560	680	Ω
2	Speed	SP1-	Blue	P1-11			



Transmission Selector Switch

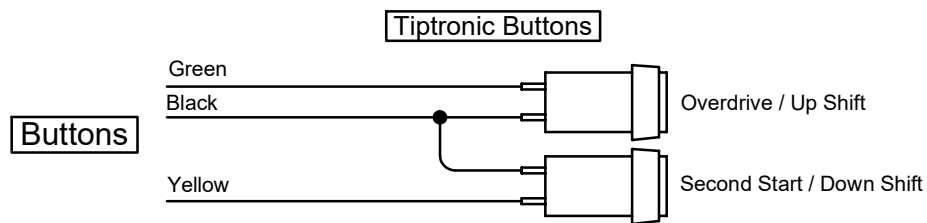
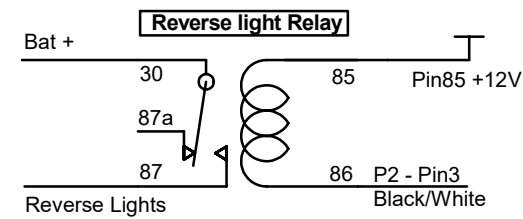
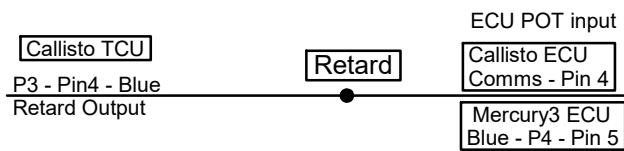
NB! Harness Plug Pin View



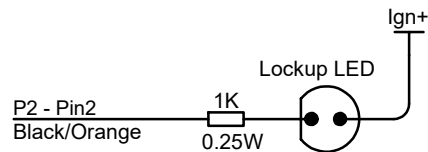
White	Pin 1
Blue	Pin 2
Green	Pin 5
Yellow	Pin 7
Brown	Pin 4
Orange	Pin 8
Black	Pin 3

Aisin A650E 5Speed

Last Changed: 14/08/2025 Page 2 of 2
Harness Required: E71-P1, E62-P2, E63-P3, P07-Coms, CON2



Note this feature requires the P07 Harness



NB! Resistors are required for LED's

Ign+

⏏

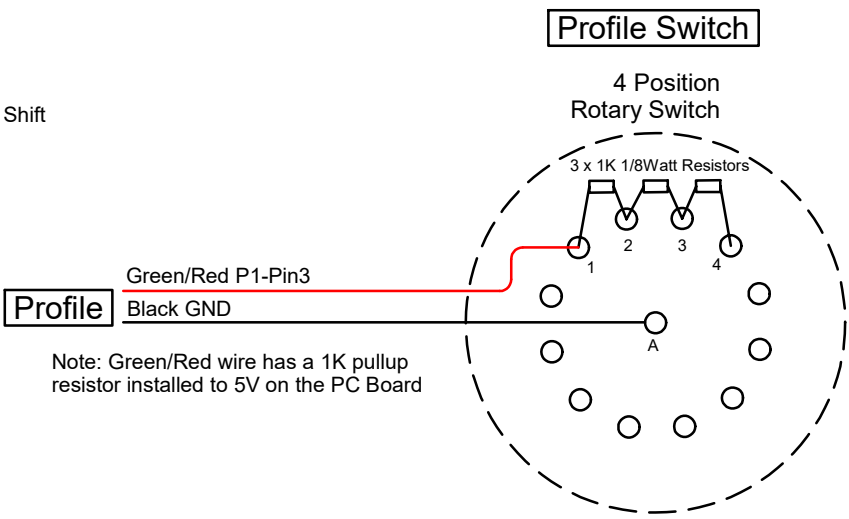
Ignition Power

⏏

Earth

Terminal Connections
with the same name
are tied together

Note: Harnesses pin-outs and colours are layed out on the GP Priority Sheet



Note: Green/Red wire has a 1K pullup resistor installed to 5V on the PC Board