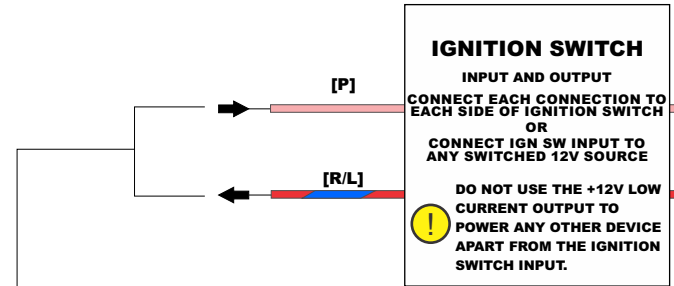
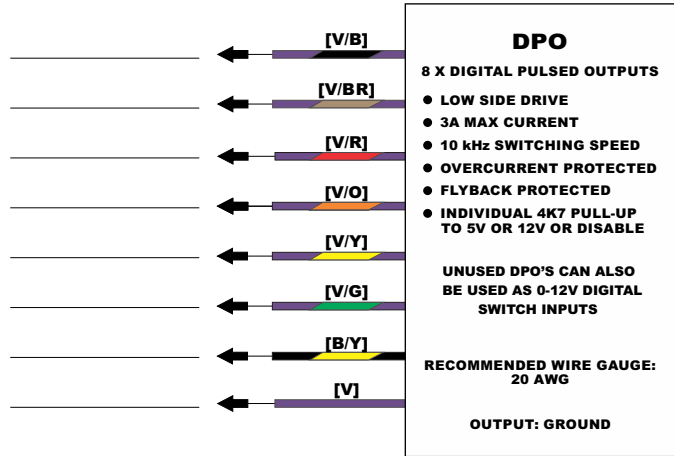
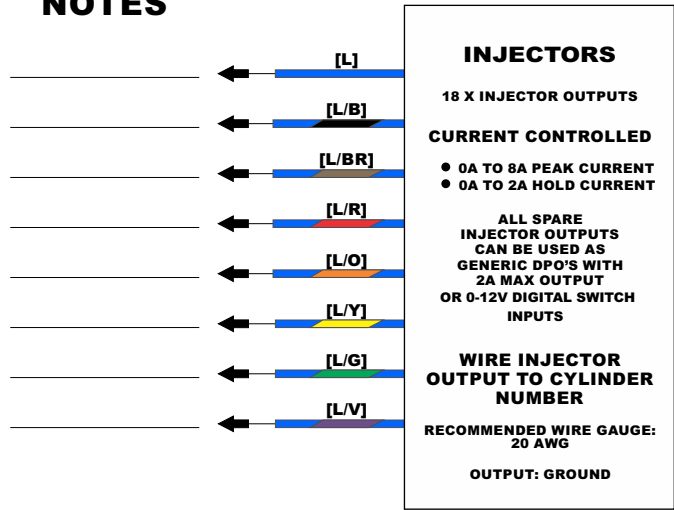
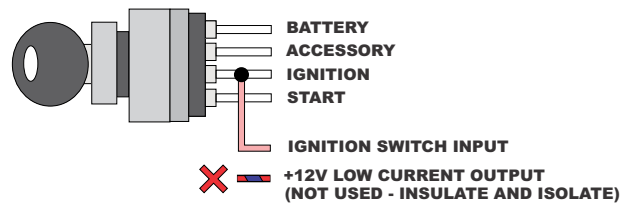


NEXUS R5 VCU WIRING DIAGRAM

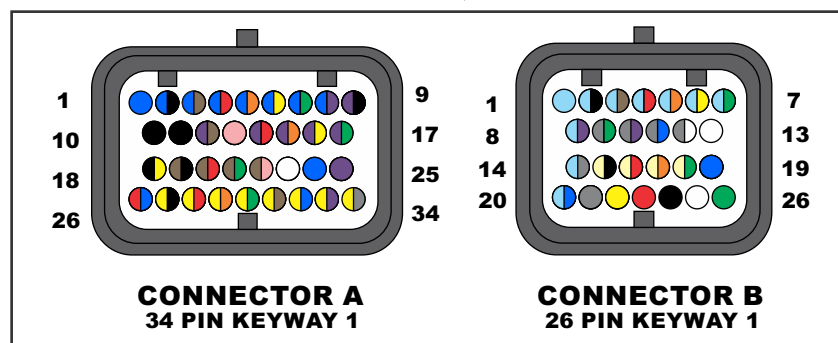
NOTES



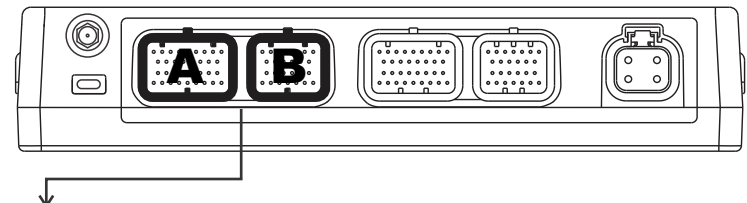
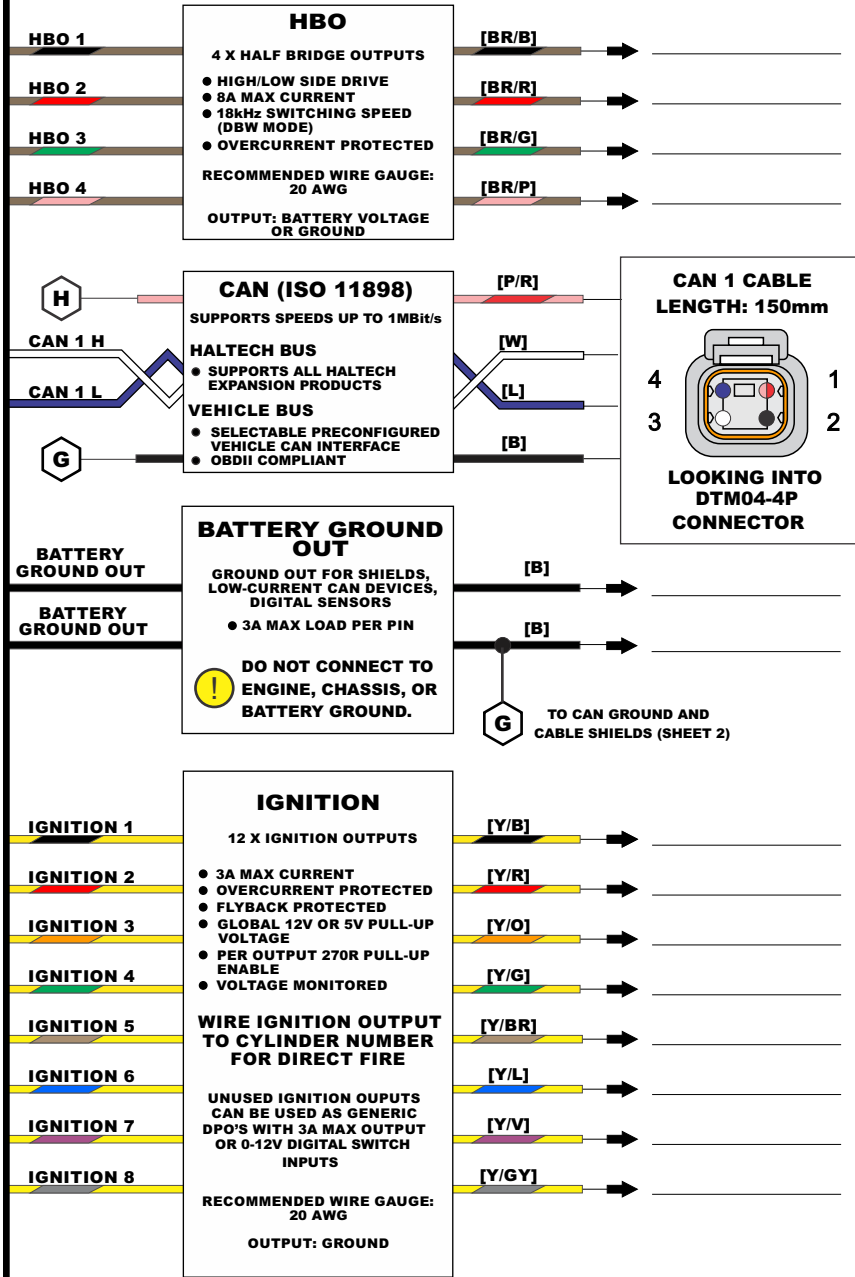
SWITCHING THE NEXUS R5 VCU ON METHOD 1 - CONNECTING TO EXISTING IGNITION KEY SWITCH WIRING



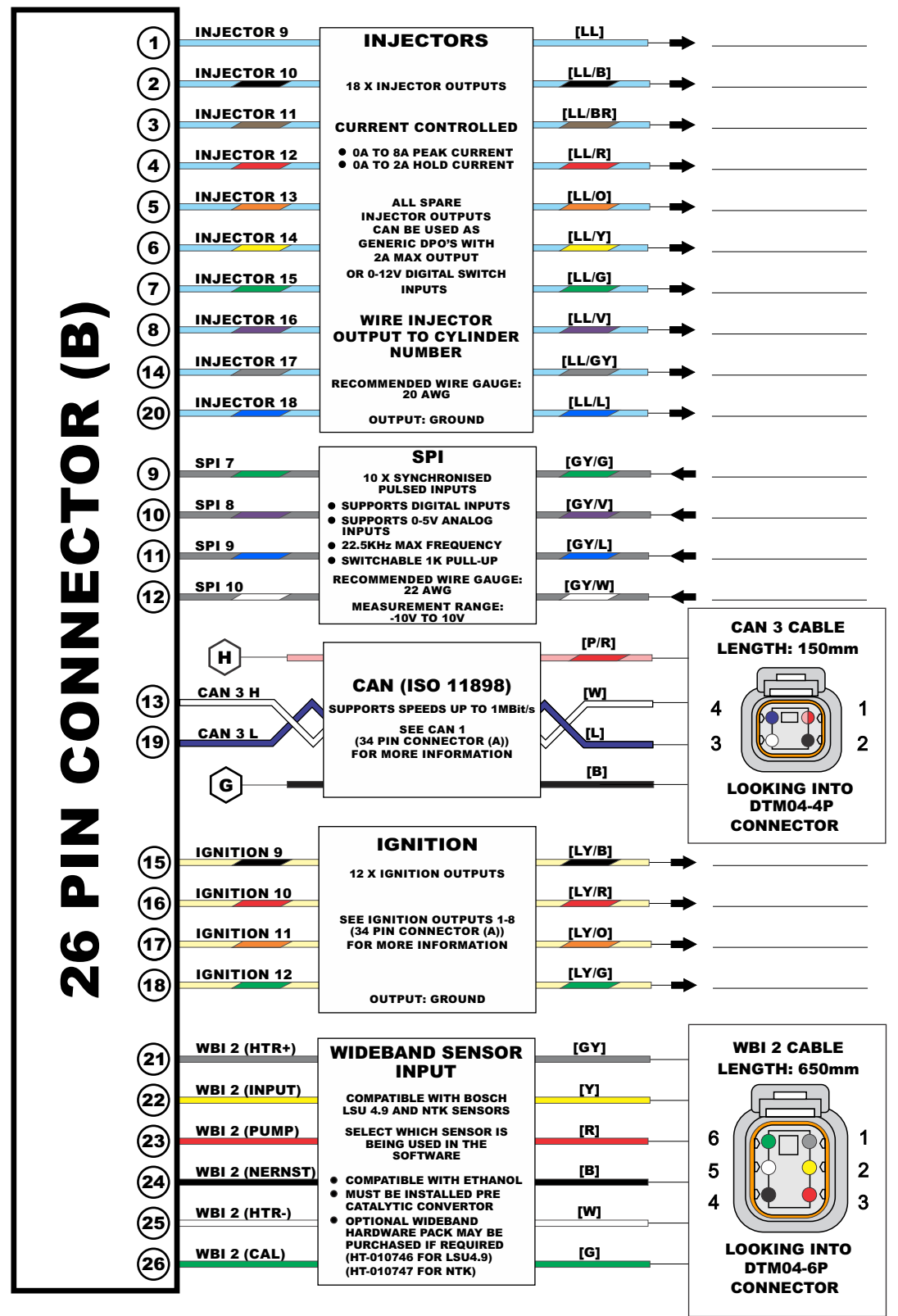
SWITCHING THE NEXUS R5 VCU ON METHOD 2 - USING A GENERIC TOGGLE SWITCH



NOTES



NOTES

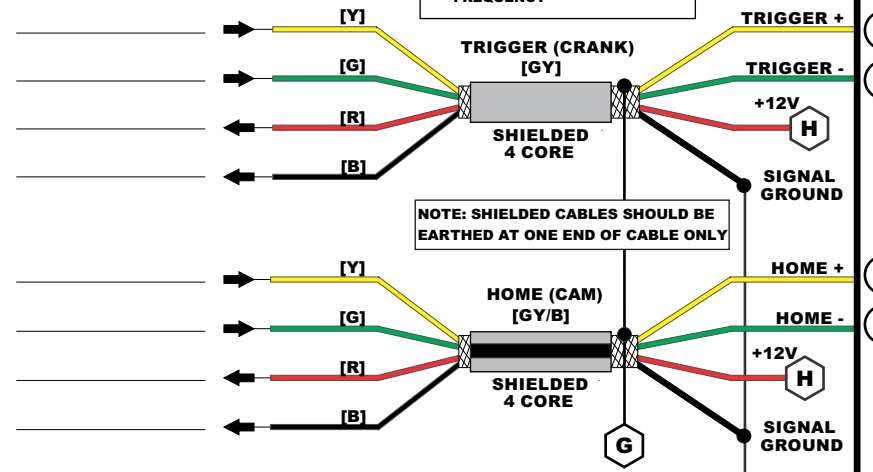


LEGEND - WIRE COLOUR
B = BLACK BR = BROWN G = GREEN GY = GREY L = BLUE
LL = LIGHT BLUE LG = LIGHT GREEN LY = LIGHT YELLOW O = ORANGE
P = PINK R = RED V = VIOLET Y = YELLOW W = WHITE
WHEN TWO COLOURS ARE USED IN A WIRE BY THE ALPHABETICAL CODE, THE FIRST LETTER INDICATES THE BASIC WIRE COLOUR, THE SECOND COLOUR INDICATES THE COLOUR OF THE STRIPE.

NOTES

TRIGGER AND HOME INPUTS

- SUPPORTS RELUCTOR INPUTS
- SUPPORTS DIGITAL INPUTS
- SELECTABLE GROUND REFERENCE AND PULLUP TO 5V
- 48kHz MAX SIGNAL FREQUENCY



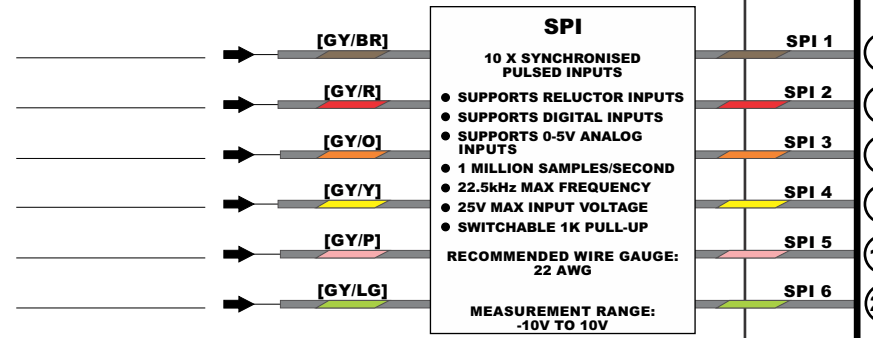
SPI

10 X SYNCHRONISED PULSED INPUTS

- SUPPORTS RELUCTOR INPUTS
- SUPPORTS DIGITAL INPUTS
- SUPPORTS 0-5V ANALOG INPUTS
- 1 MILLION SAMPLES/SECOND
- 22.5kHz MAX FREQUENCY
- 25V MAX INPUT VOLTAGE
- SWITCHABLE 1K PULL-UP

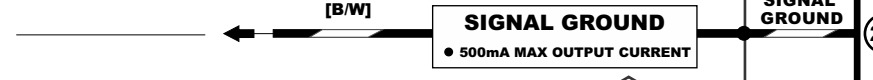
RECOMMENDED WIRE GAUGE: 22 AWG

MEASUREMENT RANGE: -10V TO 10V



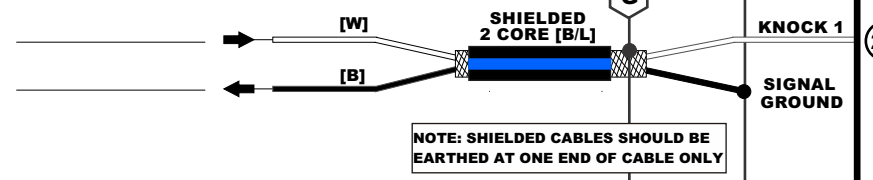
SIGNAL GROUND

- 500mA MAX OUTPUT CURRENT



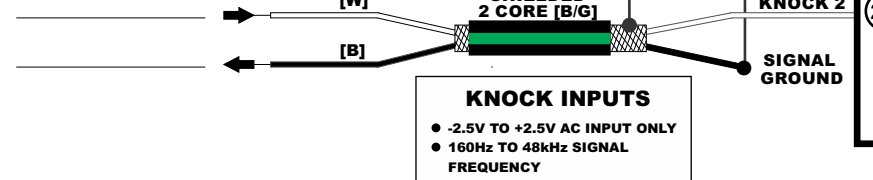
SHIELDED 2 CORE [B/L]

NOTE: SHIELDED CABLES SHOULD BE EARTHED AT ONE END OF CABLE ONLY



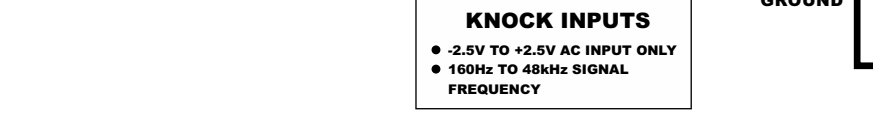
SHIELDED 2 CORE [B/G]

NOTE: SHIELDED CABLES SHOULD BE EARTHED AT ONE END OF CABLE ONLY



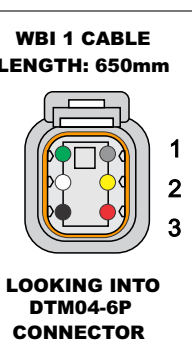
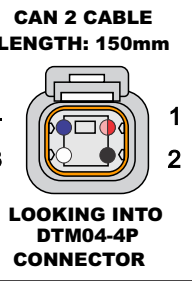
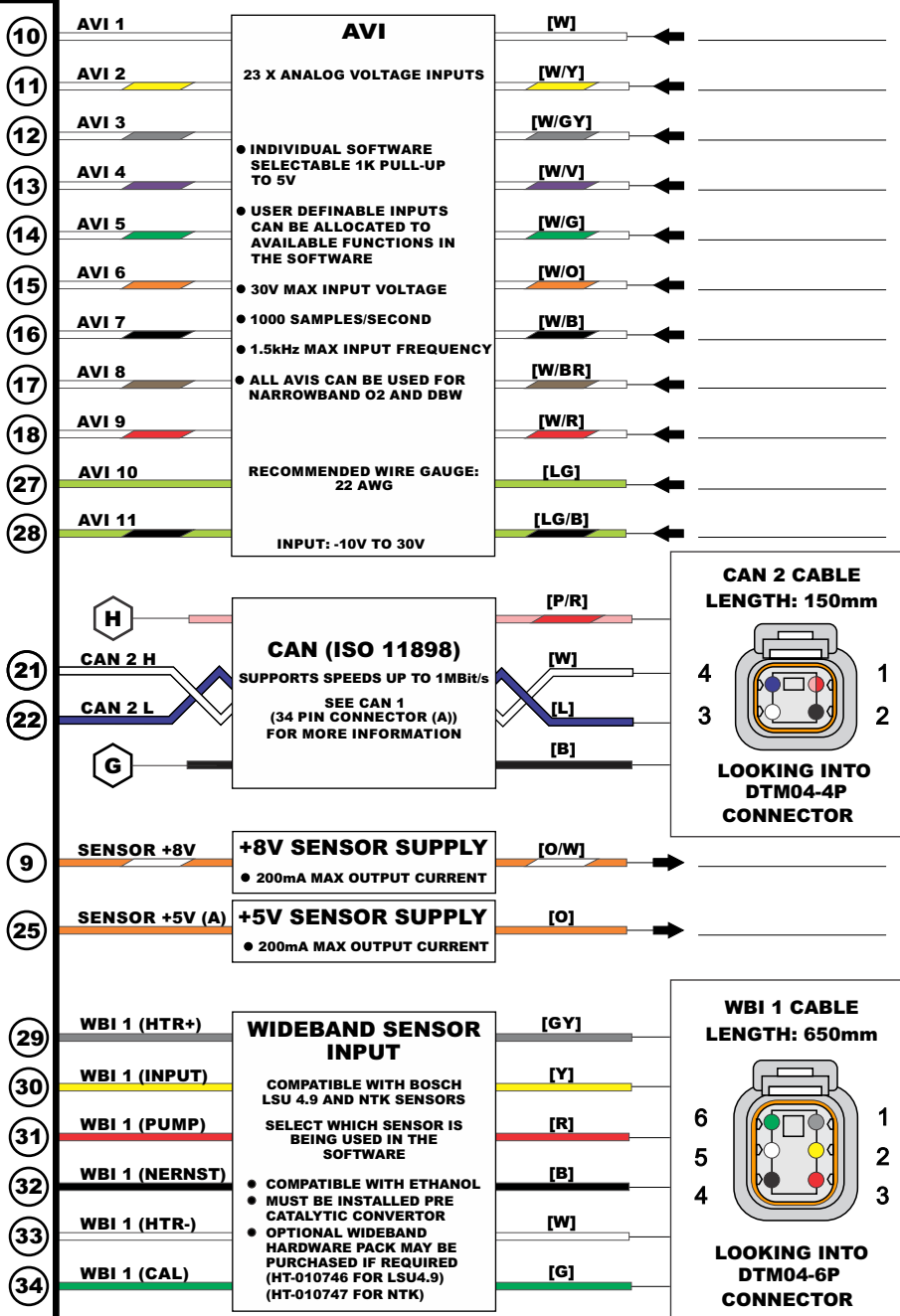
KNOCK INPUTS

- -2.5V TO +2.5V AC INPUT ONLY
- 160Hz TO 48kHz SIGNAL FREQUENCY

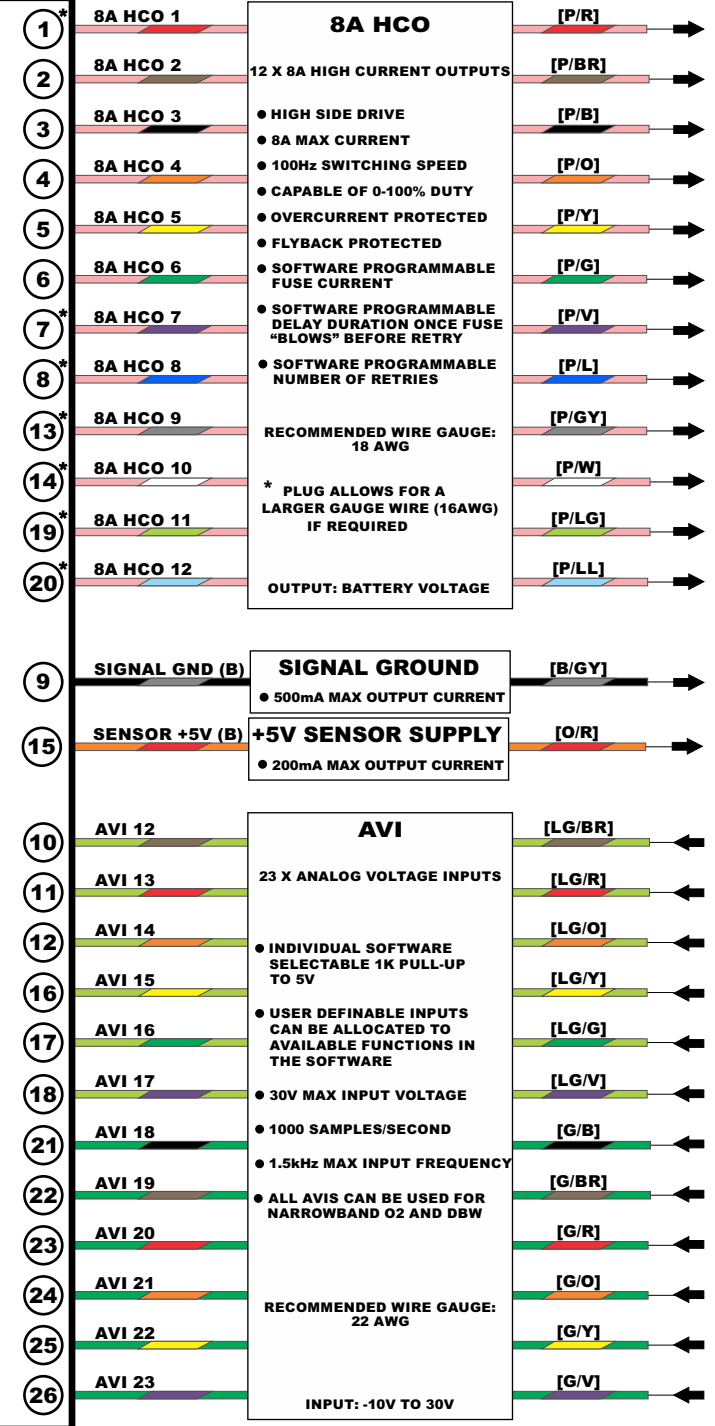


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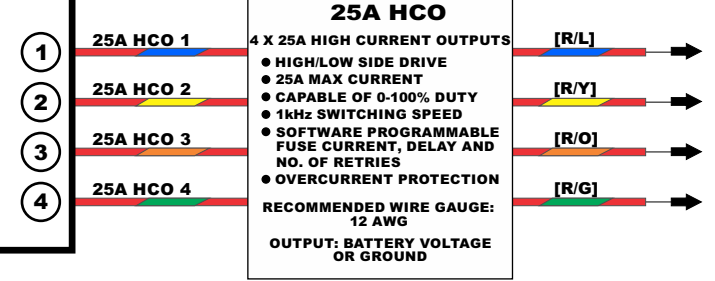
34 PIN CONNECTOR (C)



26 PIN CONNECTOR (D)

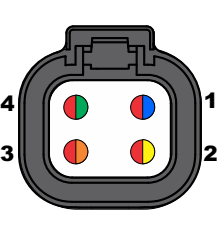
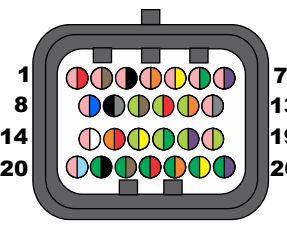
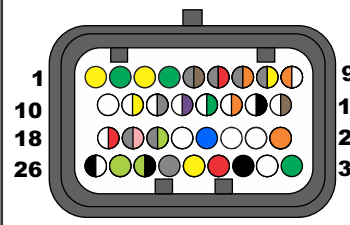


4 PIN (E) CONNECTOR



LEGEND - CONNECTION POINTS

- G** CONNECTION TO BATTERY GROUND OUTPUT ON CONNECTOR A - SHEET 1
- H** CONNECTION TO 8A-HCO 1 ON CONNECTOR D (MUST BE ASSIGNED AS +12V CAN POWER OUTPUT FUNCTION IN NSP)



LEGEND - WIRE COLOUR

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