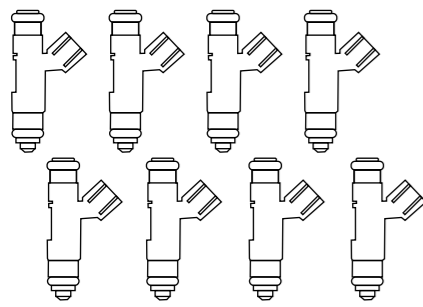
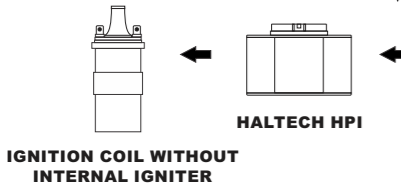


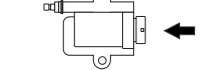
EXAMPLE CONNECTIONS



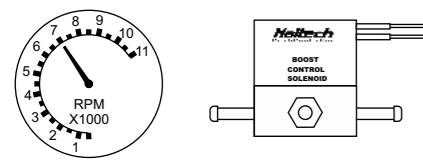
INJECTORS



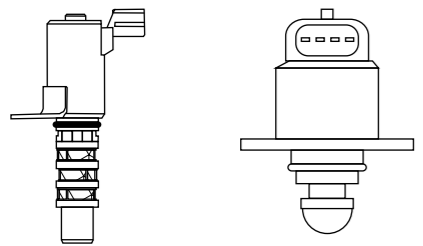
IGNITION COIL WITHOUT INTERNAL IGNITER



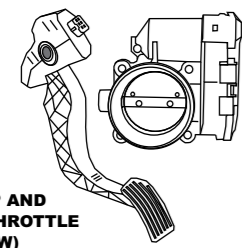
IGNITION COIL WITH INTERNAL IGNITER



TACHOMETER BOOST CONTROL SOLENOID

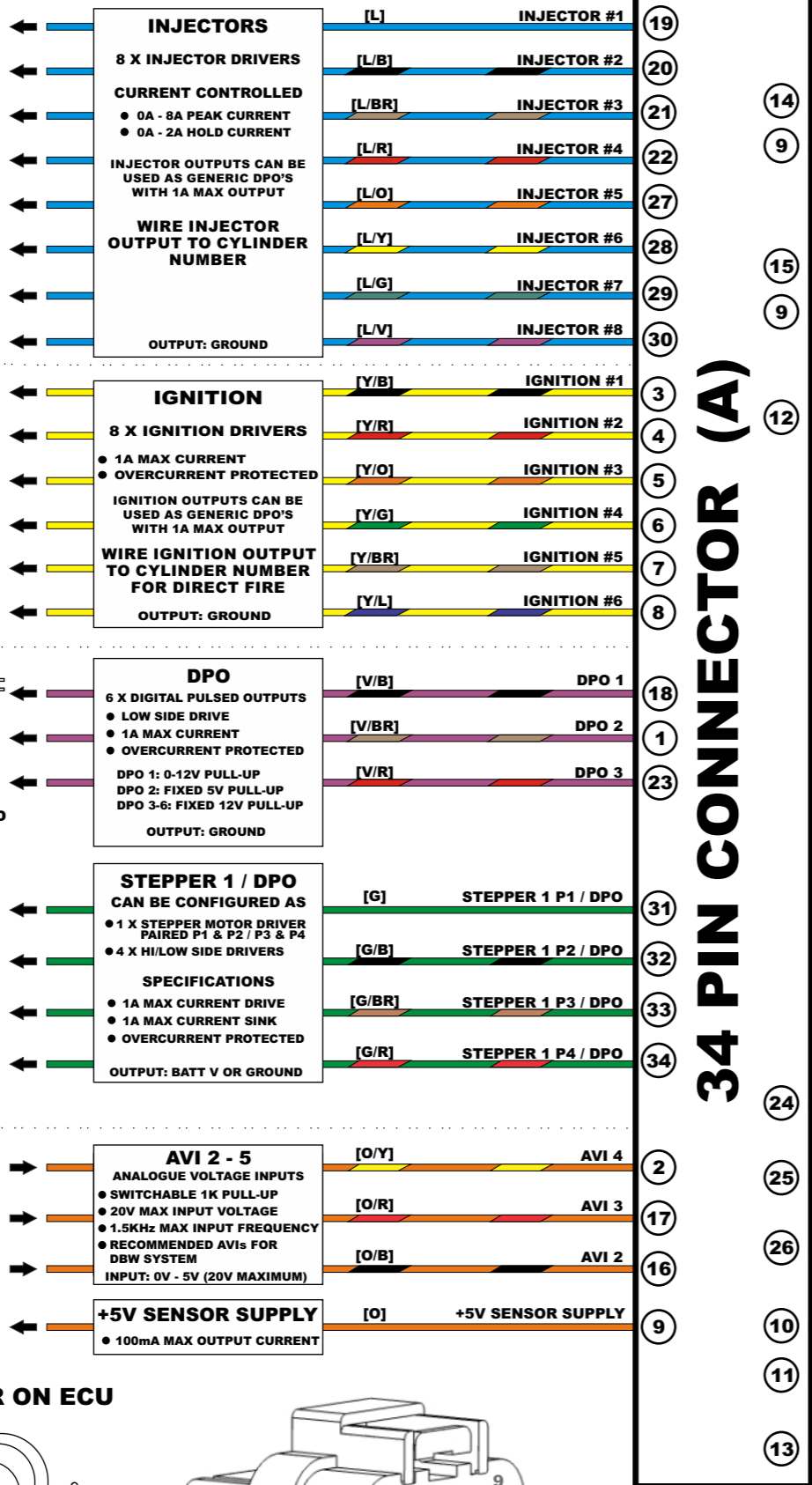
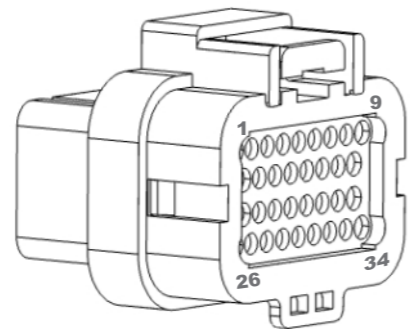
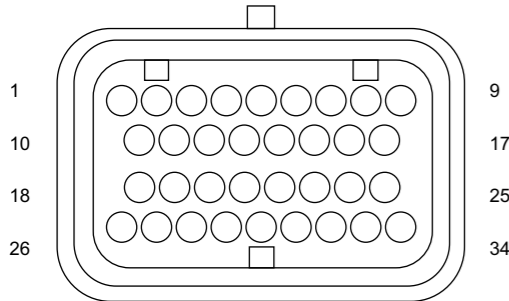


VTEC SOLENOIDS IDLE MOTOR

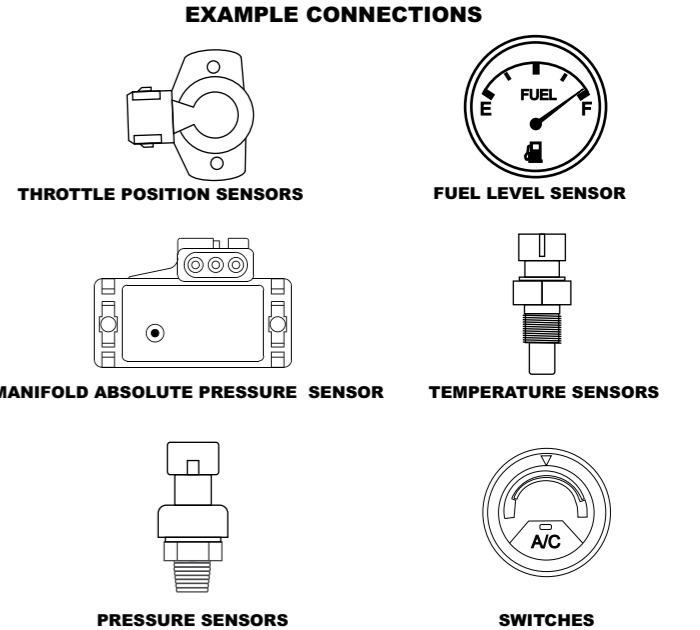
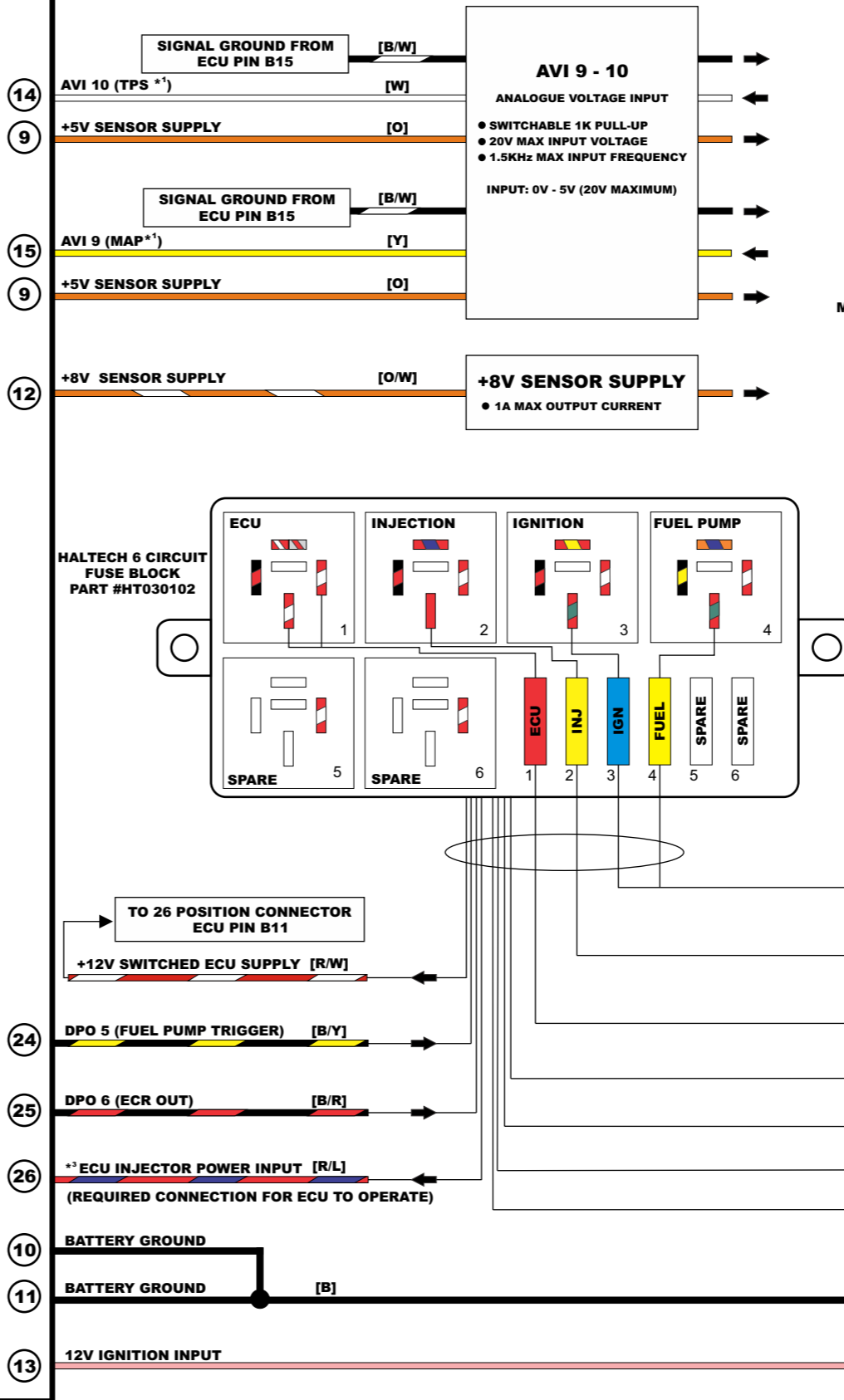


APP AND E-THROTTLE (DBW)

LOOKING INTO CONNECTOR ON ECU



34 PIN CONNECTOR (A)



FUSE BLOCK NOTES:
15A CONTINUOUS, 20A PEAK
MAX CURRENT RATING PER CIRCUIT

FUSE ALLOCATIONS
FUSE 1: 10A - ECU
FUSE 2: 20A - INJECTION
FUSE 3: 15A - IGNITION
FUSE 4: 20A - FUEL PUMP
FUSE 5: SPARE
FUSE 6: SPARE

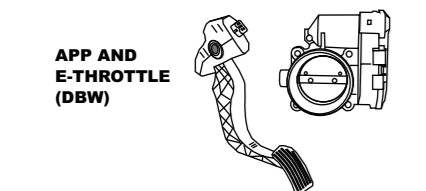
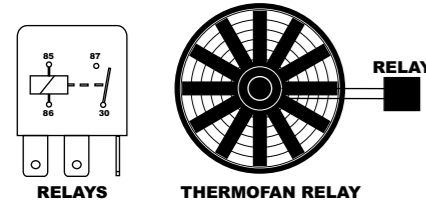
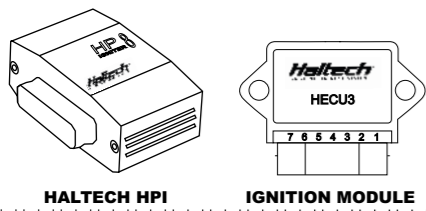
RELAY PIN LAYOUT & SCHEMATIC

SUITS 4 OR 5 PIN
STANDARD BOSCH RELAY

LEGEND - WIRE COLOUR
B = BLACK BR = BROWN G = GREEN GY = GREY L = BLUE
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:
*1 RECOMMENDED FUNCTION ALLOCATION,
BUT NOT LIMITED TO
*2 CAN USE 75A CIRCUIT BREAKER
*3 DBW AND STEPPER SUPPLY, CURRENT
RETURN PATH

EXAMPLE CONNECTIONS



IGNITION
8 X IGNITION DRIVERS

- 1A MAX CURRENT
- OVERCURRENT PROTECTED
- ALL SPARE IGNITION OUTPUTS CAN BE USED AS GENERIC DPO'S WITH 1A MAX OUTPUT
- OUTPUT: GROUND

IGNITION #7 (17)
IGNITION #8 (18)

DPO
6 X DIGITAL PULSED OUTPUTS

- LOW SIDE DRIVE
- 1A MAX CURRENT
- OVERCURRENT PROTECTED
- DPO 1: 0-12V PULL-UP
- DPO 2: FIXED 5V PULL-UP
- DPO 3-6: FIXED 12V PULL-UP
- OUTPUT: GROUND

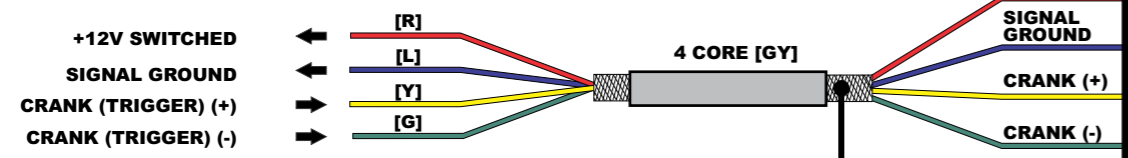
DPO4 (19)

AVI 2 - 5
ANALOGUE VOLTAGE INPUTS

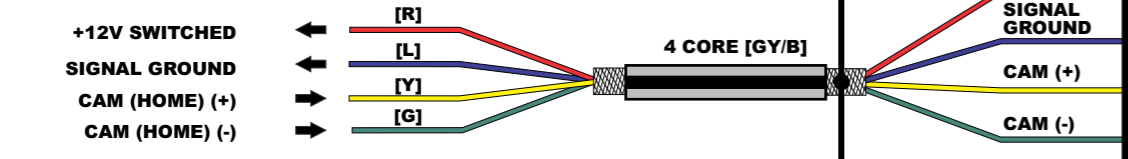
- SWITCHABLE 1K PULL-UP
- 20V MAX INPUT VOLTAGE
- 1.5KHz MAX INPUT FREQUENCY
- RECOMMENDED AVIS FOR DBW SYSTEM
- INPUT: 0V - 5V (20V MAXIMUM)

AVI 5 (20)

CRANK (TRIGGER) INPUT



CAM (HOME) INPUT



CRANK AND CAM SENSOR WIRING INFORMATION

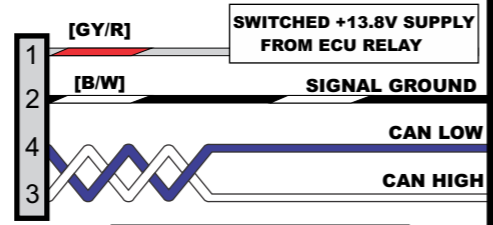
DIGITAL (HALL) SENSOR

- Signal Ground
- Crank (Trigger) (+)
- Crank (Trigger) (-)

RELECTOR (VR) SENSOR

- Signal Ground
- Crank (Trigger) (+)
- Crank (Trigger) (-)

MAIN HARNESS CAN CONNECTOR (DTM04-4P)



CAN (ISO 11898)
SUPPORTS SPEEDS UP TO 1Mbits/s

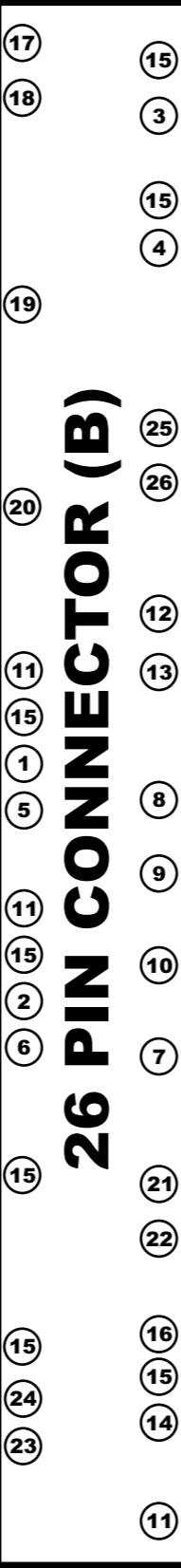
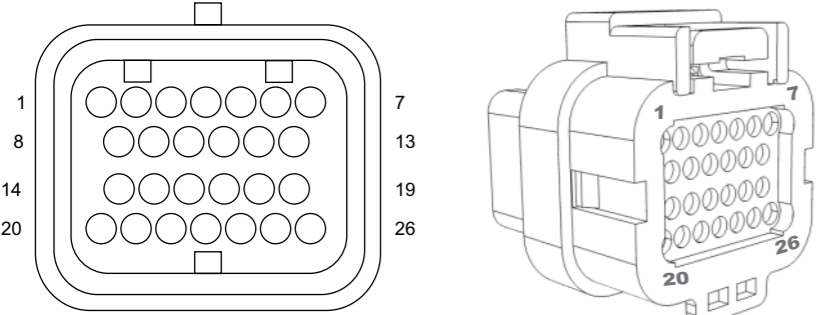
HALTECH BUS

- SUPPORTS ALL HALTECH EXPANSION PRODUCTS

VEHICLE BUS

- SELECTABLE PRECONFIGURED VEHICLE CAN INTERFACE
- OBDD COMPLIANT

LOOKING INTO CONNECTOR ON ECU



LEGEND - WIRE COLOUR

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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.

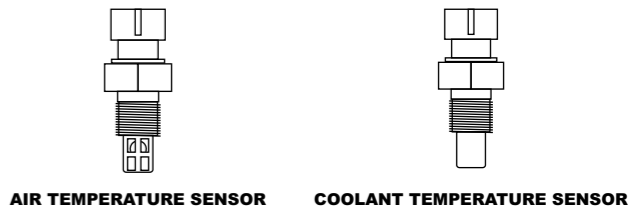
NOTES:

*1 RECOMMENDED FUNCTION ALLOCATION, BUT NOT LIMITED TO

*2 CAN USE 75A CIRCUIT BREAKER

*3 DBW AND STEPPER SUPPLY, CURRENT RETURN PATH

EXAMPLE CONNECTIONS



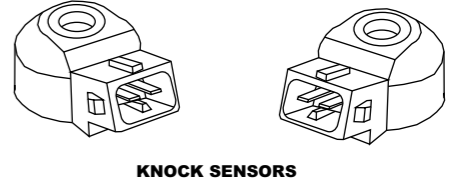
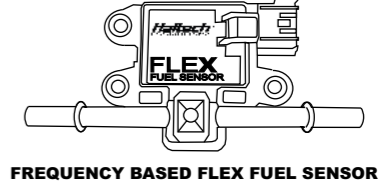
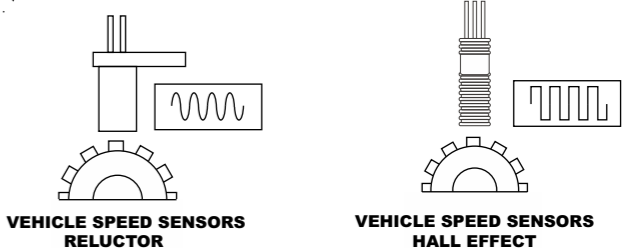
DBW RECOMMENDED WIRING INFORMATION

+5V
AVI 2
AVI 3
SIGNAL GROUND
DBW 1
DBW 2

TPS 1
TPS 2
S.GND
MOTOR 1
MOTOR 2

+5V
AVI 4
SIGNAL GROUND
+5V
AVI 5
SIGNAL GROUND

APP 1
S.GND
APP 2
S.GND



TO SENSORS ONLY

NOTE: DO NOT CONNECT SENSOR GROUND TO BATTERY, CHASSIS OR ENGINE BLOCK

FROM ECU RELAY IN FUSE BLOCK (R1)