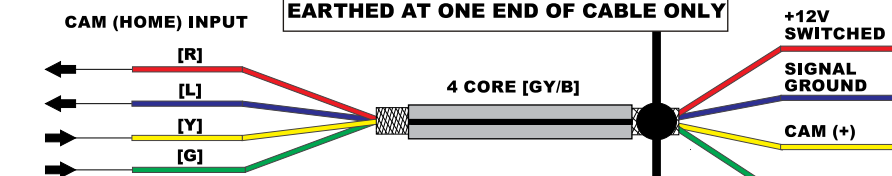
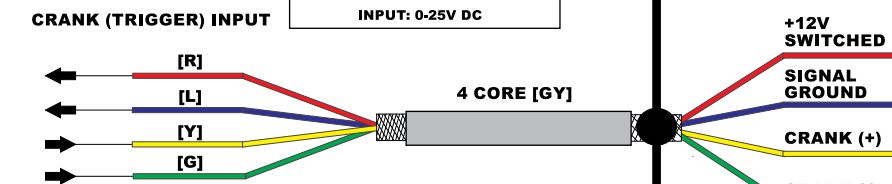
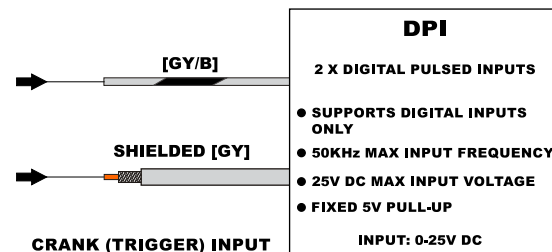
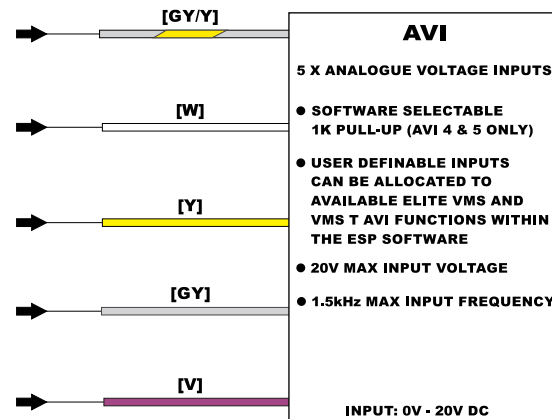
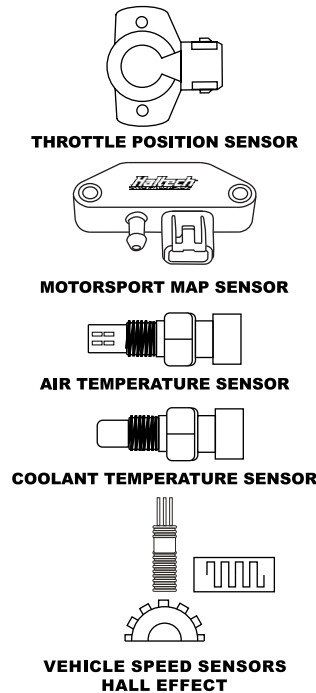
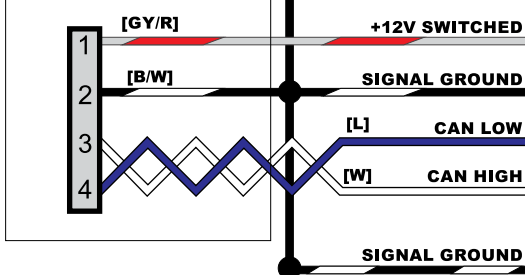


EXAMPLE CONNECTIONS

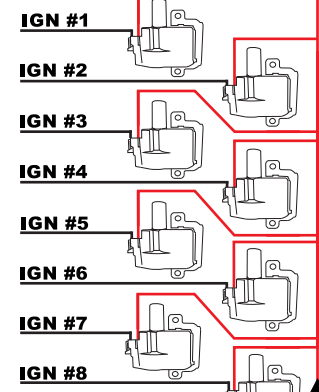
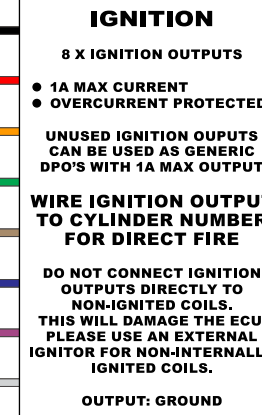
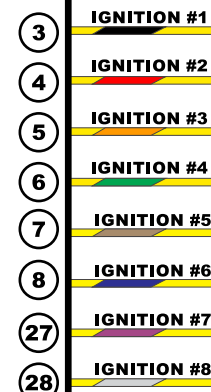


NOTE: SHIELDED CABLES SHOULD BE EARTHED AT ONE END OF CABLE ONLY

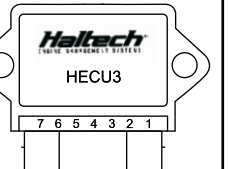
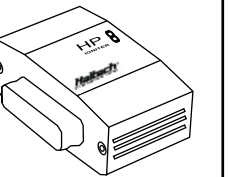
MAIN HARNESS CAN CONNECTOR



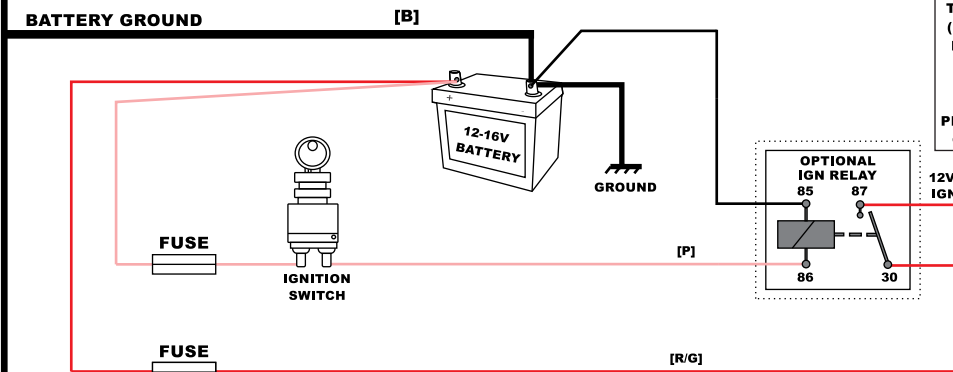
34 PIN CONNECTOR



EXAMPLE EXTERNAL IGNITOR CONNECTIONS

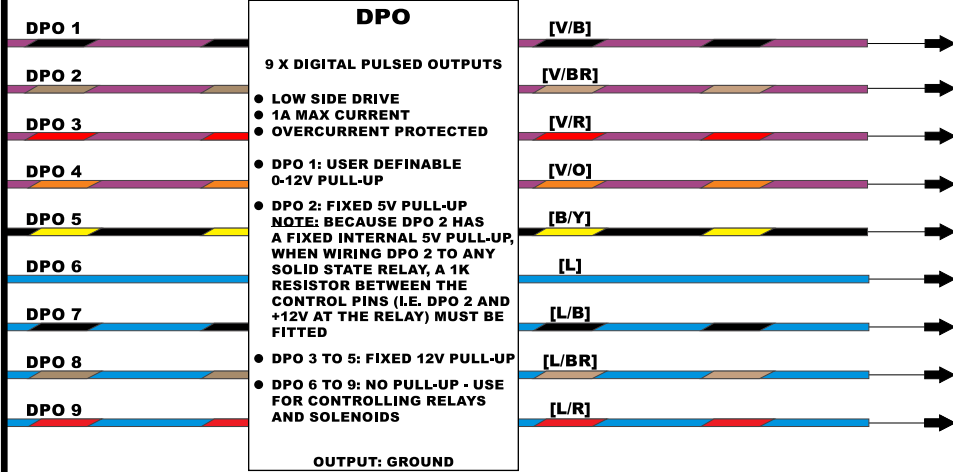
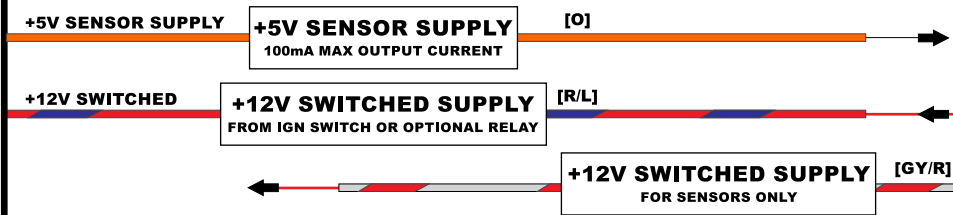


IGNITION MODULE

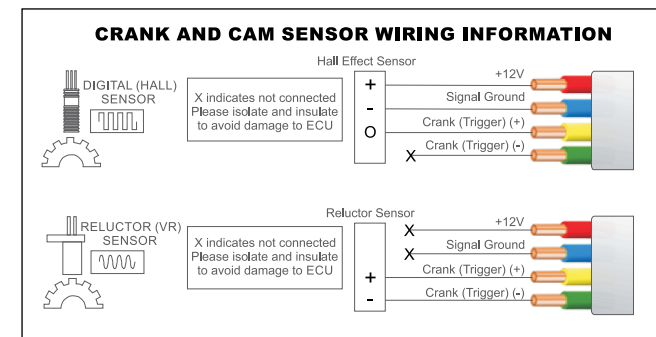
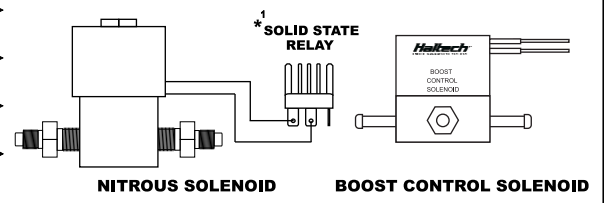
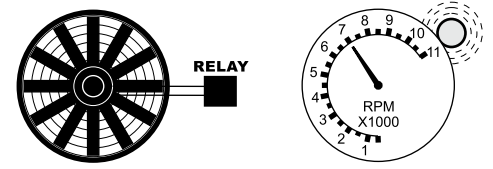


WARNING

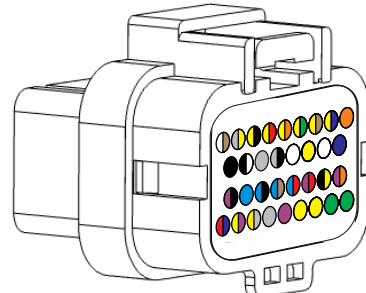
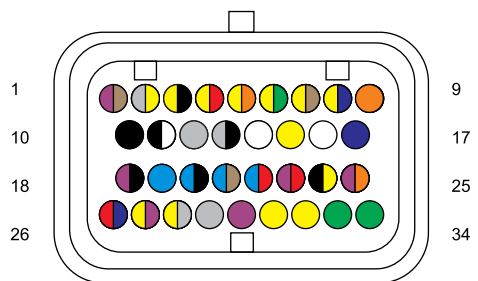
THE COILS DEPICTED IN THIS DIAGRAM (HT-020102) HAVE INTERNAL IGNITORS. DO NOT CONNECT IGNITION OUTPUTS DIRECTLY TO COILS UNLESS THEY HAVE INTERNAL IGNITORS. THIS WILL DAMAGE THE ECU. PLEASE USE AN EXTERNAL IGNITOR FOR COILS WITHOUT INTERNAL IGNITORS.



EXAMPLE DPO CONNECTIONS



LOOKING INTO CONNECTOR ON ECU



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

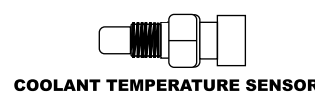
WHEN TWO COLOURS ARE USED IN A WIRE BY THE ALPHABETICAL CODE, THE FIRST LETTER INDICATES THE BASIC WIRE COLOUR, THE SECOND COLOUR INDICATES THE COLOUR OF THE STRIPE.

NOTES:

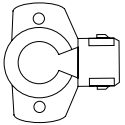
*1 SOLID STATE RELAY RECOMMENDED FOR PWM CONTROL AND FAST REACTIVE TIME APPLICATIONS

ELITE VMS & VMS T SEMI-TERMINATED HARNESS DIAGRAM

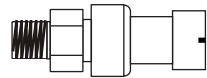
EXAMPLE CONNECTIONS



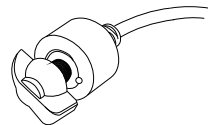
COOLANT TEMPERATURE SENSOR



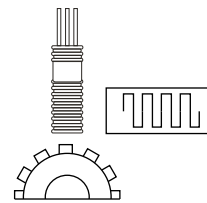
THROTTLE POSITION SENSORS



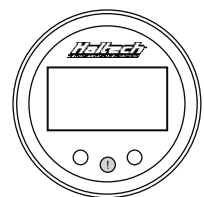
TI PRESSURE SENSOR



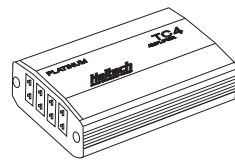
ROTARY TRIM MODULE



VEHICLE SPEED SENSORS HALL EFFECT

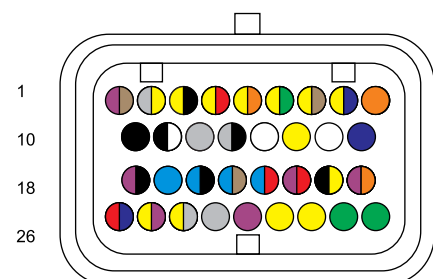


GAUGEART CAN GAUGE

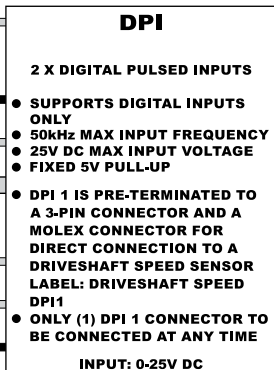
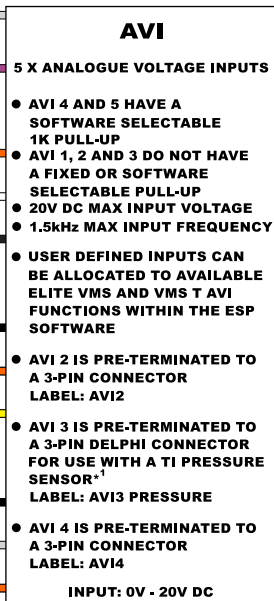
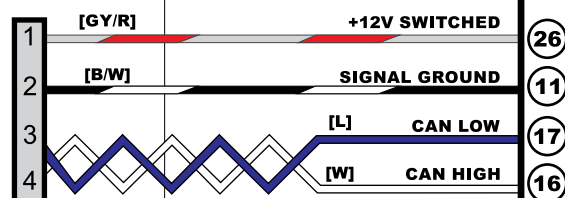


THERMOCOUPLE AMPLIFIER

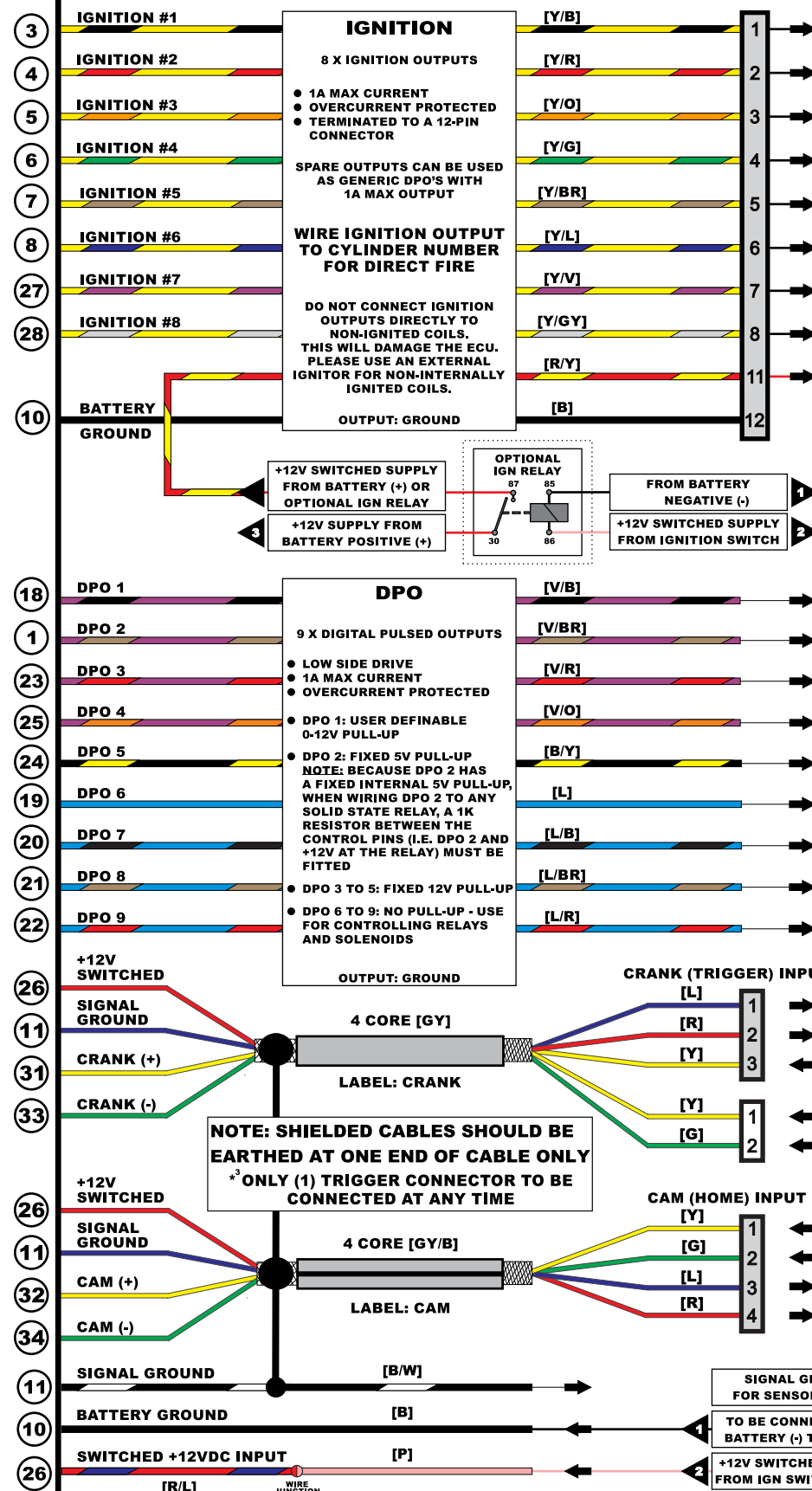
LOOKING INTO CONNECTOR ON ECU



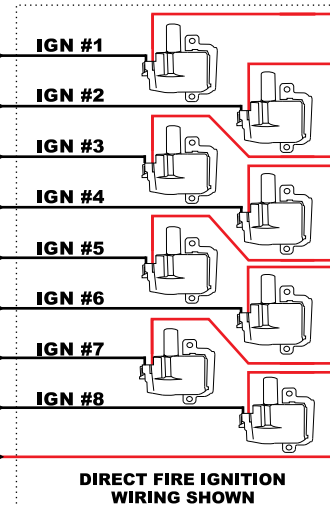
MAIN HARNESS CAN CONNECTOR



34 PIN CONNECTOR



OPTIONAL IGNITION SETUP

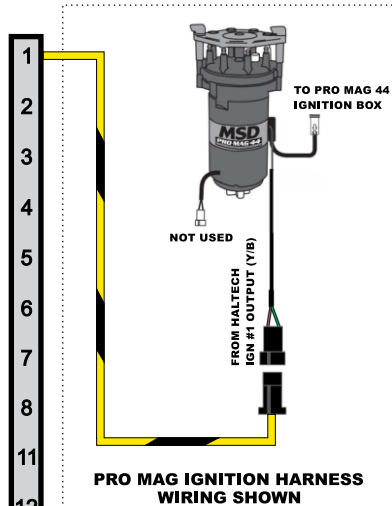


DIRECT FIRE IGNITION WIRING SHOWN

WARNING

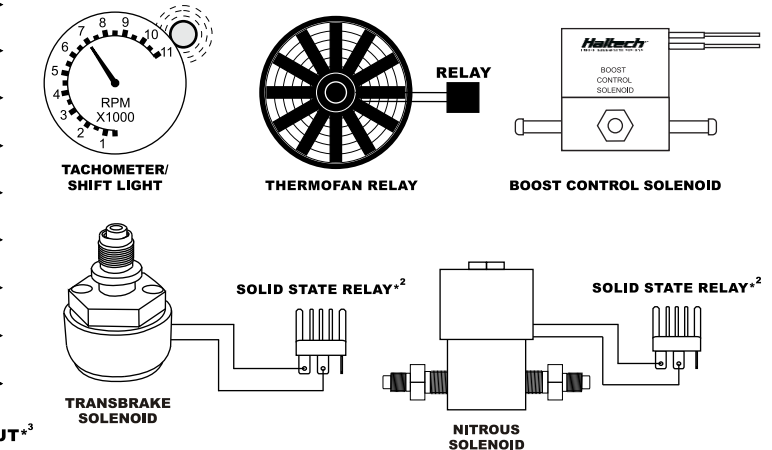
THE COILS DEPICTED IN THIS DIAGRAM (HT-020102) HAVE INTERNAL IGNITORS. DO NOT CONNECT IGNITION OUTPUTS DIRECTLY TO COILS UNLESS THEY HAVE INTERNAL IGNITORS. THIS WILL DAMAGE THE ECU. PLEASE USE AN EXTERNAL IGNITOR FOR COILS WITHOUT INTERNAL IGNITORS.

SUPPLIED IGNITION HARNESS

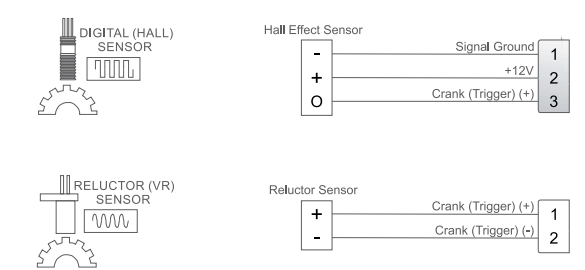


PRO MAG IGNITION HARNESS

THE PRO MAG IGNITION HARNESS, IF REQUIRED, IS INCLUDED IN THE ELITE VMS SEMI-TERMINATED HARNESS.



CRANK AND CAM SENSOR WIRING INFORMATION



LEGEND - WIRE COLOUR

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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 SOLID STATE RELAY RECOMMENDED FOR PWM CONTROL AND FAST REACTIVE TIME APPLICATIONS



ELITE VMS & VMS T SEMI-TERMINATED HARNESS DIAGRAM (HT-147008)

HALTECH ENGINE MANAGEMENT SYSTEMS

DOCUMENT REVISION: 1.1

HARNESS REVISION: B

DATE: 2ND MARCH 2018

SHEET 1 OF 1