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CATTRON NORTH AMERICA



DYNAGEN-200 TYPICAL WIRING DIAGRAM

Current Version: A

Drawing Number: 9D02-2HAR-9427-A050

Harness Number: 2HAR-9427-A050

- WIRE REQUIREMENT: SAE TXL WIRE
- J-1939 CAN WIRE TWIST REQUIREMENT: TWIST RATE: 1 TWIST EVERY 1.5 INCHES.
- WIRE SPLICE REQUIREMENT: ULTRASONIC SPLICE COVERED BY ADHESIVE LINED HEAT SHRINK
- WIRE LENGTH TOLERANCES: HOLD TO IPC-A-620 STANDARDS
- VENDORS CAN CONTACT CATTRON WITH QUESTIONS REGARDING THIS DRAWING.
PLEASE INCLUDE THE DRAWING NUMBER IN THE SUBJECT LINE OF THE EMAIL.
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Extended Description:

DYNAGEN 200 TYPICAL WIRING DIAGRAM

Revision History

REV	Date	Author	Description
A	11/26/2024	Ryan.Taylor	Drawing Created, ECO-24-0577

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Title: DYNAGEN-200 TYPICAL WIRING DIAGRAM

Document Name: Cover page

Size: B

Sheet: 1 of 2

Date: 11/26/2024

DrawnBy: Ryan.Taylor

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655 N. RIVER RD
SUITE A
WARREN, OH 44483

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TYPICAL CONNECTIONS DYNAGEN 200

DRAWING (FOR REFERENCE ONLY) SHOWN IS A TYPICAL SETUP.
INPUT AND OUTPUTS MUST BE CONFIGURED BASED ON APPLICATION.

NOTES:

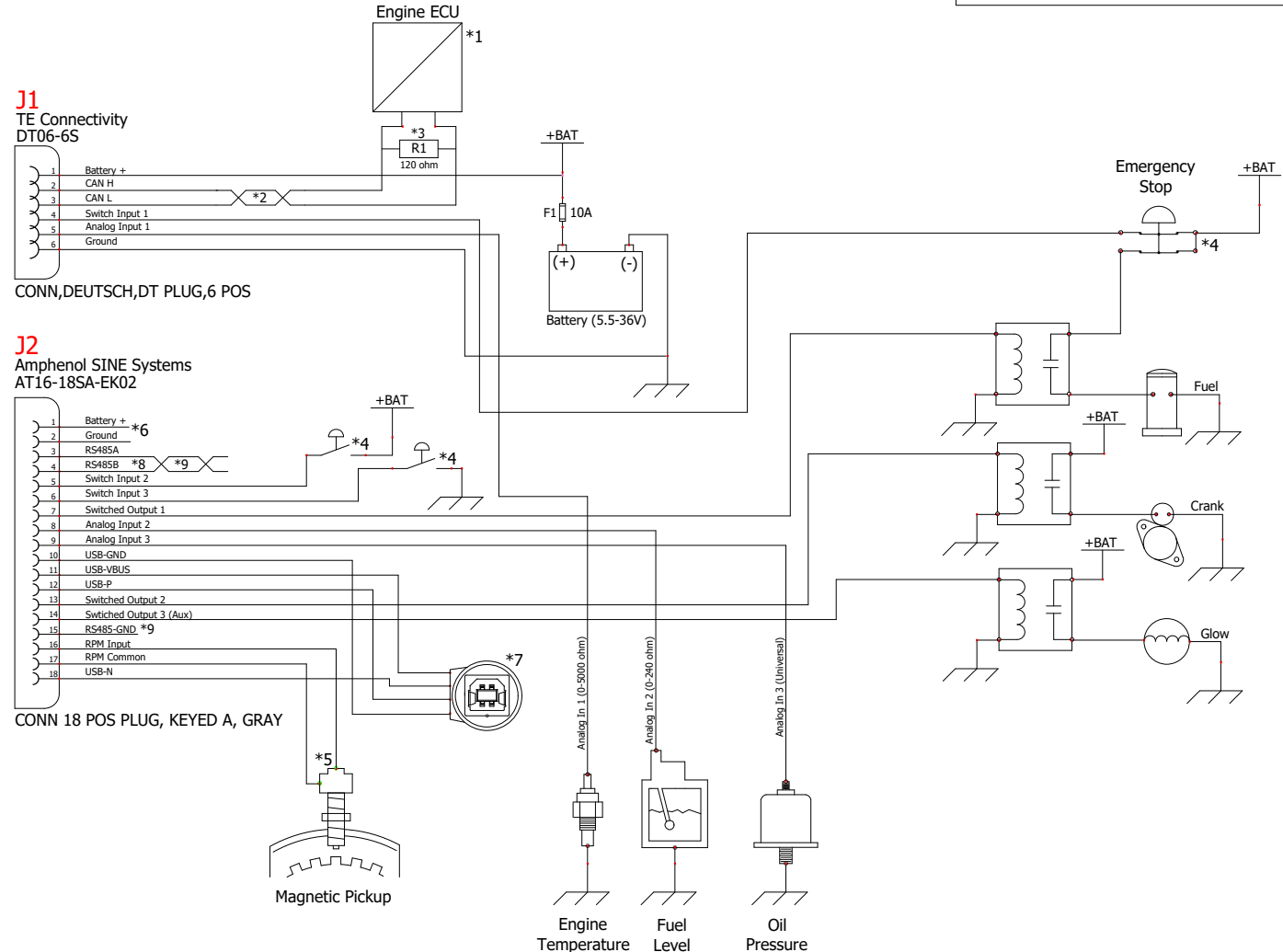
- *1 - ENGINE ECU (REFER TO MANUFACTURER DOCUMENTATION).
- *2 - CANBUS TWISTED PAIR, 120 OHM TERMINATING RESISTOR IS ENABLED BY SOFTWARE AND CAN NOT BE MEASURED WITH A METER
- *3 - TERMINATE THE BUS WITH A 120 OHM RESISTOR.
- *4 - SWITCH INPUTS CAN BE CONFIGURED TO DETECT BATTERY, GROUND OR OPEN.
B) USE TWISTED PAIR SHIELDED CABLE. LEAVE ONE SIDE OF SHIELD UNTERMINATED
- *6 - ALTERNATE POWER CONNECTION. IF USING J1-1 (+BAT), J1-6 (GND) THEN THIS CONNECTION IS NOT REQUIRED.
- *7 - USB CONNECTION TO A COMPUTER IS AVAILABLE FOR CONFIGURATION AND FIRMWARE UPDATES.
- *8 - RS485 - 120 OHM TERMINATING RESISTOR IS ENABLED BY SOFTWARE AND CAN NOT BE MEASURED WITH A METER.
- *9 - USE RS485 TWISTED PAIR WITH GND WIRE AND TERMINATE WITH A 120 OHM RESISTOR NEAR THE CONNECTED DEVICE



J1 (DT06-6S)



J2 (AT16-18SA-EK02)



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