WIRING DIAGRAM

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WIRING DIAGRAM - Connection Table

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COMPONENT                | ARDUINO PIN | NOTES

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Ultrasonic Sensor VCC  | 5V           |
Ultrasonic Sensor GND  | GND          |
Ultrasonic TRIG        | 9            |
Ultrasonic ECHO        | 8            |
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Speed Sensor VCC       | 5V           |
Speed Sensor GND       | GND          |
Speed Sensor OUT       | 2 (Interrupt)
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Potentiometer VCC      | 5V           |
Potentiometer GND      | GND          |
Potentiometer SIGNAL   | A0           |
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LCD I2C SDA            | A4           |
LCD I2C SCL            | A5           |
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CAN Module CS          | 10           |
CAN Module SI (MOSI)   | 11           |
CAN Module SO (MISO)   | 12           |
CAN Module SCK         | 13           |
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GSM Module TX          | 7            |
GSM Module RX          | 8            |
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Buzzer +               | 6            |
Buzzer -               | GND          |
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Vehicle CANH/CANL      | MCP2515 CAN Port

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