CTM-ONE WIRING OVERVIEW
>1.3.X Firmware

Single Point of Connection (Connected to Vehicle ECU)
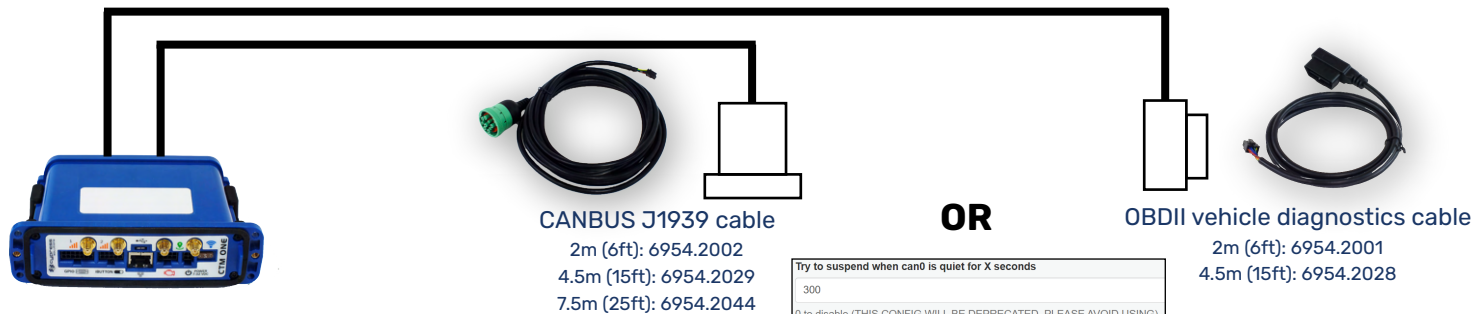
CANBUS J1939 cable
2m (6ft): 6954.2002
4.5m (15ft): 6954.2029
7.5m (25ft): 6954.2044

OR

OBDII vehicle diagnostics cable
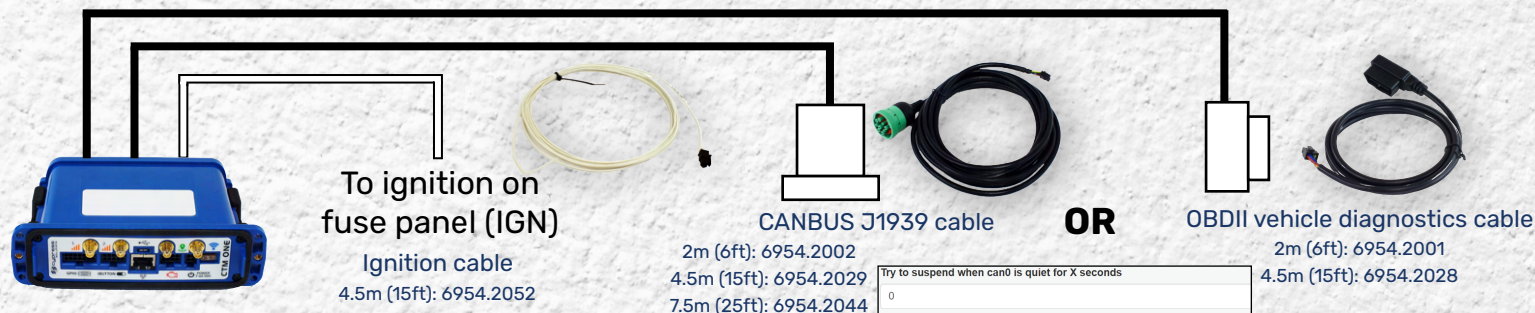2m (6ft): 6954.2001
4.5m (15ft): 6954.2028

Ensure that the following configurations are edited under the "gpio" and "vehicle" tabs on the device.

GPIO Configuration

Try to suspend when ignition is off for X seconds
> 0

0 to disable

Try to suspend when can0 is quiet for X seconds
> 300

0 to disable (THIS CONFIG WILL BE DEPRECATED, PLEASE AVOID USING)

Set VEH_IGN to LOW when SPEED & RPM is stable/missing for X seconds
> 120

0 to disable, used with setting below

Try to suspend when VEH_IGN is LOW for X seconds
> 180

0 to suspend immediately, used with setting above

☑ Wake on can0

Wired to Ignition (Connected to Vehicle ECU)

To ignition on fuse panel (IGN)

Ignition cable
4.5m (15ft): 6954.2052

CANBUS J1939 cable
2m (6ft): 6954.2002
4.5m (15ft): 6954.2029
7.5m (25ft): 6954.2044

OR

OBDII vehicle diagnostics cable
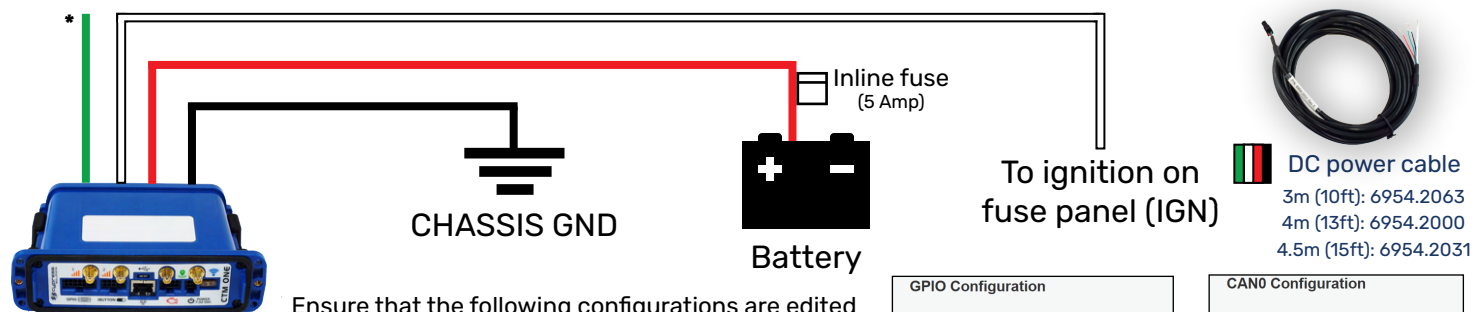2m (6ft): 6954.2001
4.5m (15ft): 6954.2028

Ensure that the following configurations are edited under the "gpio" and "vehicle" tabs on the device.

GPIO Configuration

Try to suspend when ignition is off for X seconds
> 300

0 to disable

Try to suspend when can0 is quiet for X seconds
> 0

0 to disable (THIS CONFIG WILL BE DEPRECATED, PLEASE AVOID USING)

Set VEH_IGN to LOW when SPEED & RPM is stable/missing for X seconds
> 0

0 to disable, used with setting below

Try to suspend when VEH_IGN is LOW for X seconds
> 0

0 to suspend immediately, used with setting above

☐ Wake on can0

Wired to Battery (No ECU Connection)

*

Inline fuse (5 Amp)

CHASSIS GND

Battery

To ignition on fuse panel (IGN)

DC power cable
3m (10ft): 6954.2063
4m (13ft): 6954.2000
4.5m (15ft): 6954.2031

Ensure that the following configurations are edited under the "gpio" and "vehicle" tabs on the device.

*Note: green wire should be isolated and not connected to anything.

GPIO Configuration

Try to suspend when ignition is off for X seconds
> 300

0 to disable

CAN0 Configuration

Mode
> DISABLED

2 WIRE: high-speed and medium-speed CAN

cypress solutions