

# M2M IN MOTION

Fleet Intelligence Simplified



## M2M Trailer Tracking (3 wire install w/ back up battery)

**\*Please note that, after installation, the internal battery will need to be charged or moved on a significant trip before it will start generating data.**

### Tools needed:

- Wrenches / impact drill
- Thin wire snake / 4 foot - 12-gauge solid copper wire
- Electric tape
- Zip ties
- Wire Cutters / strippers
- 2 weatherproof wire connectors
- M2M Trailer Tracker Unit



### Important:

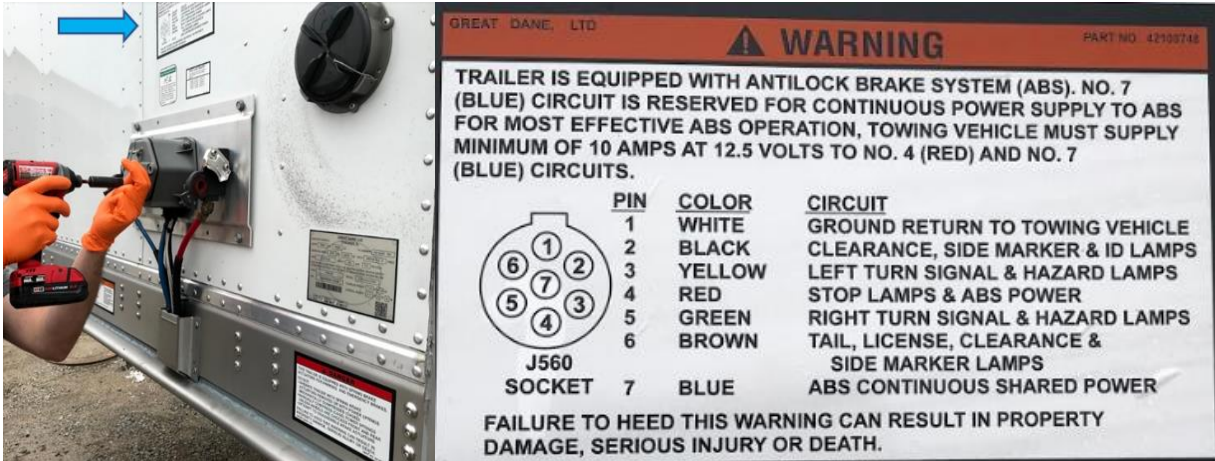
- Step 1 is to confirm if the trailer has ABS or not. If trailer has ABS, locate the pin/wire that has the ABS Continuous Shared Power (usually Blue Wire). If NO ABS on the trailer, need to confirm the wire/pin that has 14 volts of constant power with a volt meter.
- ABS is connected to the **“ABS Continuous Shared Power (usually the BLUE Wire)”**. **Please Note** the center pin doesn't always run directly through the connector as shown below. Your “ABS continuous shared power” from the trailer Connection is always going to be your main power focus when installing your Trailer Tracker. When correctly tested this will provide you with 14 Volts to properly power your trailer tracker.

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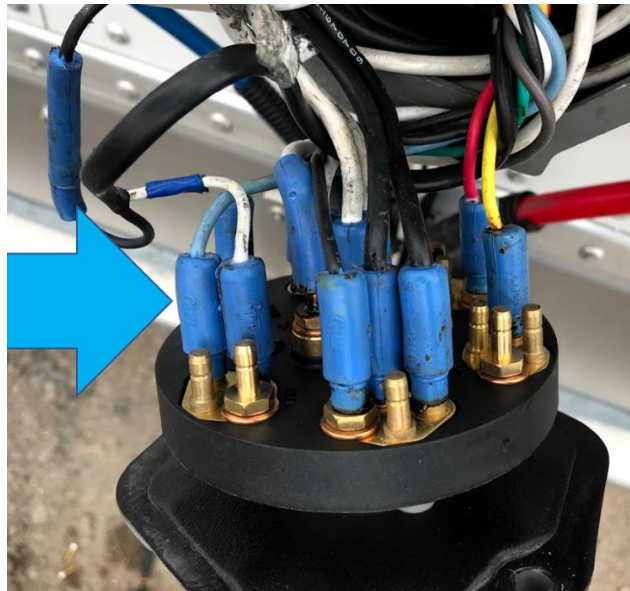
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- MAKE SURE TO REFERENCE THE WIRING DIAGRAM ON THE FRONT OF THE TRAILER, NEAR THE TRAILER CONNECTOR (SEE IMAGE BELOW). Diagram below is an example of the pin layout and **Wire Colors / Circuit** to use for install. This connector has markings on back to confirm blue for the blue wire. Confirm as each trailer has minor changes due to Make, Model, and Year. You are always going to be looking for your continuous power circuit.



- When installing the wire through the case you may need a small snake line as it is a tight access. When performing the install, the fuses included on the Trailer Tracker harness may need to be cut off and then crimped back after the wire is routed correctly.



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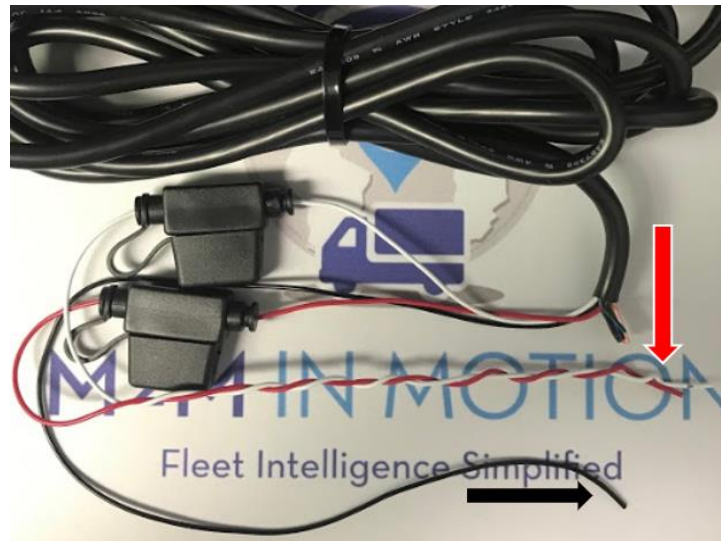


- After the Trailer Tracker Cable is run, splice the **red & white wire** from the Trailer Tracker unit into the trailers **"Constant Power"**. Next, splice into the trailers **"Ground"** and connect the **black wire** from the trailer tracker harness. Please note to tap into the wire and not the connector as it becomes very tight in the plug section.

**\*ONLY** install three wires from the M2M Trailer Tracker Unit - Two Fused wires (**RED & WHITE**) Power & the (**BLACK**) Ground.

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After the cables are secure please conceal the wires.

Note: It is very important to test the module before hiding it within the king plate.



## Begin testing:

This is a very important step in the process to confirm a correct install.

Tether the truck connector to the trailer and power on the truck. Next perform a voltage test to the power source **“ABS Continuous Shared Power”**. It should read 14+ Volts. The Trailer Tracker will then be powered and should start communicating to the back end. Next, look at the LED STATUS of the trailer tracker unit. As soon as both LED's become solid color, the unit should start checking into the

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M2M Platform. If it's not reporting, please drive the trailer for a 10 to 15 minute ride outside the yard and then look to see if this unit has reported correctly.

After all testing is completed, you can now begin to hide the Trailer Tracker unit and clean up the install.



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