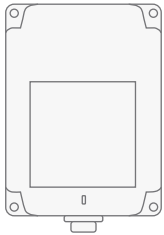# Asset Gateway
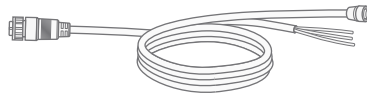
REEFER / REFRIGERATOR INSTALL GUIDE

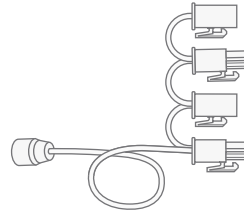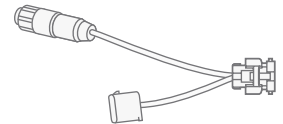**What's included:**

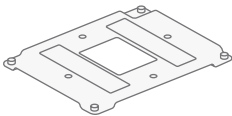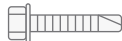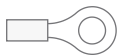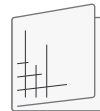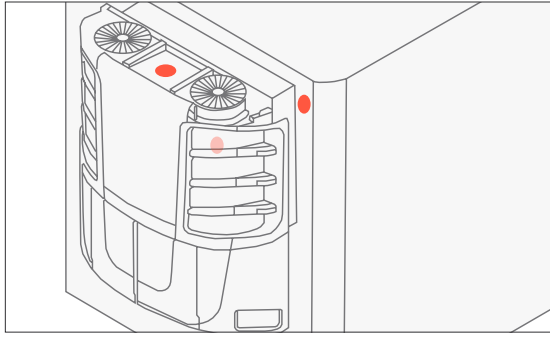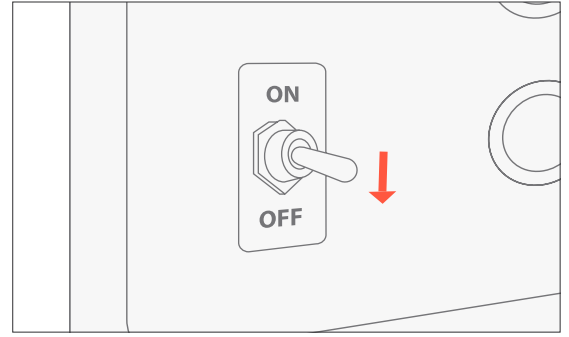|			
1× Asset Gateway	1x Reefer / Refrigerator Y-Cable	1x Thermo King Pigtail	1x Carrier Pigtail
1× Mounting Plate	4x Self-Tapping Screws	4x Flat-End Screws	Bullet Connectors
Ring Terminals	Zip Ties	Cleaning Wipes	

1

Determine desired location of AG24, as high on trailer as possible.

Some options are: on top of reefer / refrigerator (avoiding airflow of the cooling fan), inside cabinet, or on the outside of trailer.
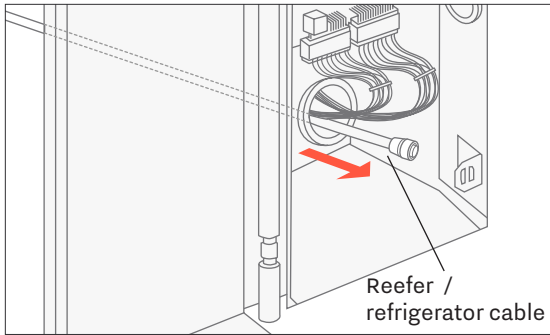
2

Turn all power OFF.

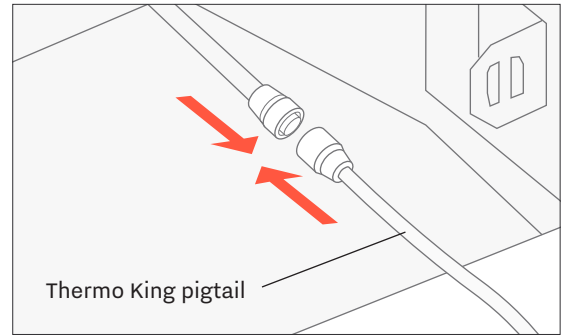**For Thermo King, follow steps 3a-6a.**

For Carrier, follow steps 3b-7b.

THERMO KING steps 3a-6a
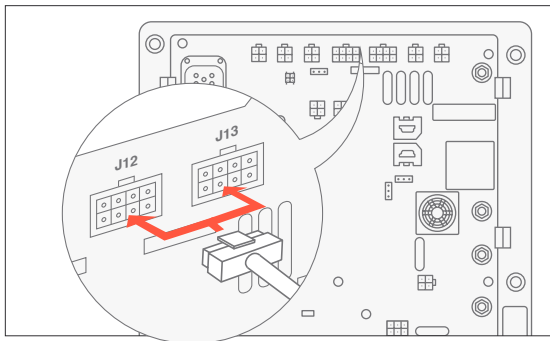
3a

Reefer / refrigerator cable

Open Thermo King cabinet and electronics control box (may require unbolting). Route reefer / refrigerator end of Y-cable into control box via rear grommet.

4a

Thermo King pigtail

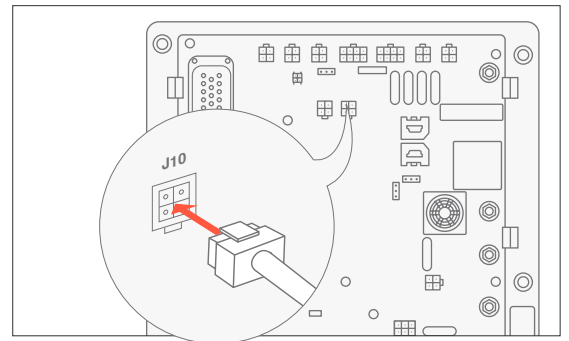Attach Thermo King pigtail to Y-cable.

5a

J12   J13

Connect Thermo King 8-pin connector to CAN1 (J12), CAN2 (J13) or CAN3 (J14).

Note: If all ports are occupied, the pigtail includes an optional pass-through extension that provides an additional CAN port.
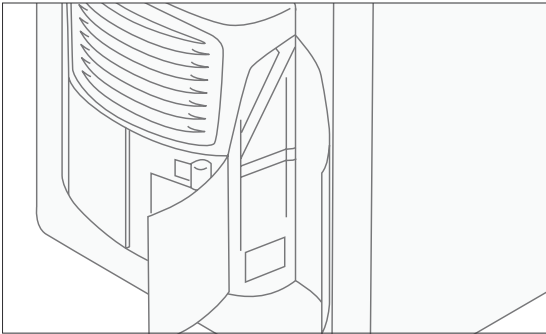
6a

J10

Connect Thermo King 4-pin connector to J10.

Note: J10 may be located in upper right of control board depending on model. If J10 is occupied, the pigtail includes an optional pass-through extension that provides an additional CAN port.
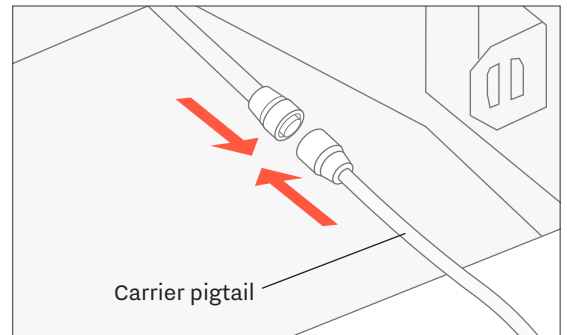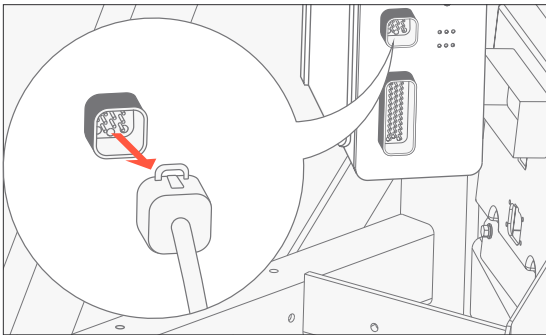
Proceed to step 8.

3b

Open Carrier cabinet and panel so that SVM is accessible (may require unbolting). Route reefer / refrigerator end of Y-cable from main cabinet to side panel.

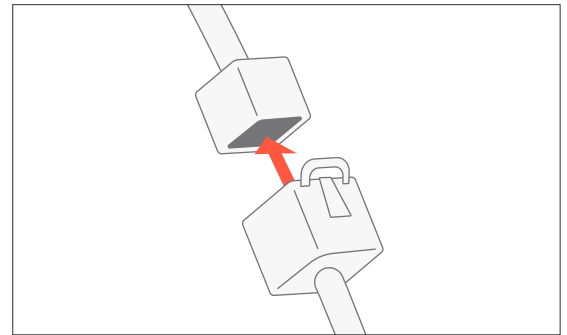**4b**

Carrier pigtail

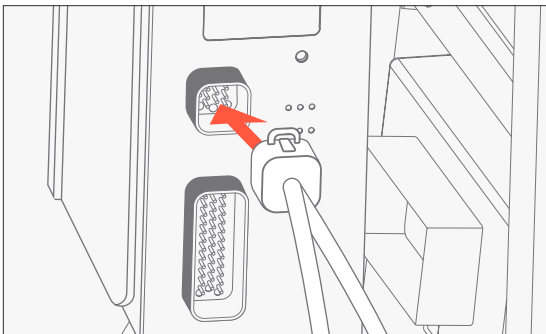Attach Carrier pigtail to Y-cable.

5b

If 1SVM circuit is in use, unplug the engine harness.

6b

If engine harness was unplugged, re-plug it into Samsara's 1SVM adaptor (located on the Carrier pigtail).
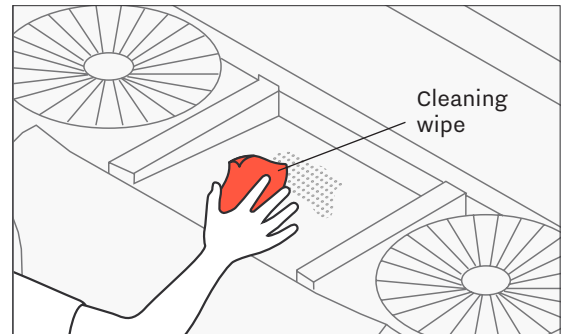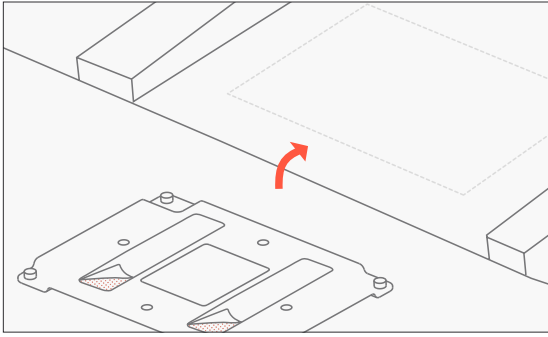
7b

Plug Samsara Carrier pigtail into 1SVM.

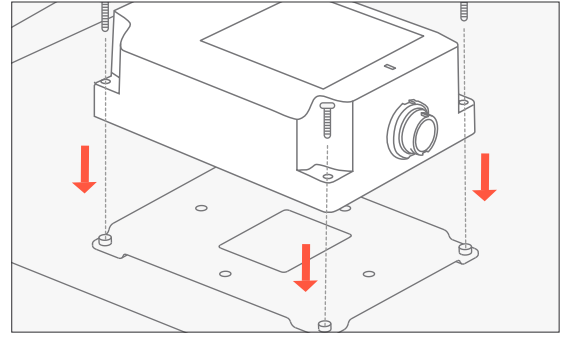Proceed to step 8.

8

Cleaning wipe

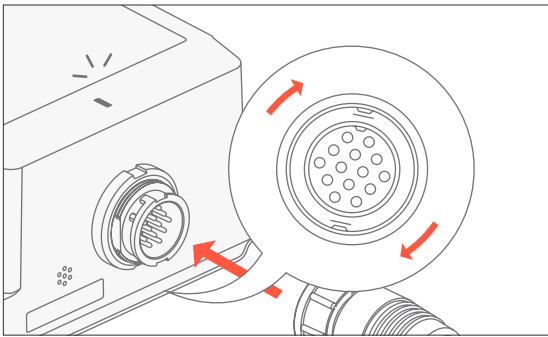Thoroughly clean mounting location with cleaning wipe.

9

Attach mounting plate with adhesive. Secure with 4 self-tapping screws (bag 1) if desired.

10

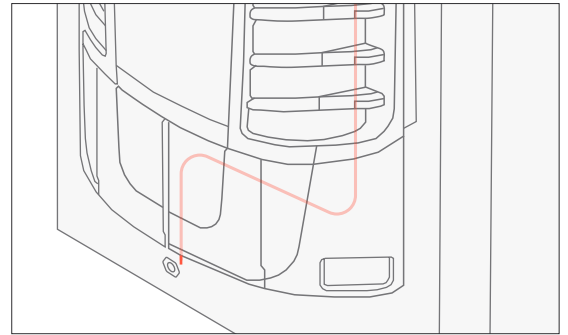Mount AG24 onto mounting plate with 4 flat-end screws (bag 2).

11

Plug AG24 end of Y-cable into AG24 and twist to secure. AG light turns on for 30 seconds when correct.

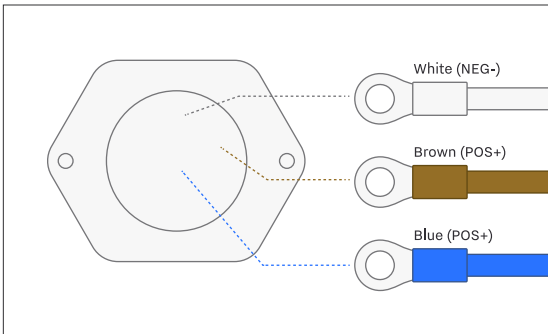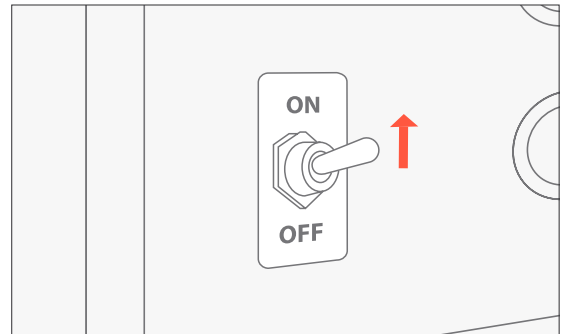For non-US models, proceed to step 14.

U.S. Installs steps 12-13

12

Run 7-way cable along frame to trailer connector. Fasten to trailer with zip ties and self-tapping screws.

13

White (NEG-)
Brown (POS+)
Blue (POS+)

Connect 7-way cable to 7-way trailer connector.

See connection pin diagram illustrated above (some trailers may vary). Connect BLUE (POS+) lead to Aux power (BLU), BROWN (POS+) lead to tail lights (BRN), and WHITE (NEG-) lead to ground (WHT). If backup power is not desired, BROWN (POS+) lead can be left floating.

14

ON
OFF

Turn ON power switches to complete install. Zip tie any outstanding cables.