

# Pro Stratus 79 + Thermo King Refrigeration

## Install Guide



Record device info before installation

## Required components

- ✓ Stratus 79 tracking device
- ✓ Stratus 79 cable (cable 4)
- ✓ Stratus 79 Thermo King cable kit
- ✓ Thermo King iBox (Please contact your local Thermo King dealer for assistance)

**NOTE:** The device and cable may already be installed in the vehicle.

Parts list (list is referenced throughout guide)

Cable 1



Cable 2



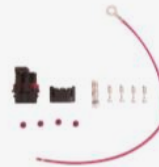
Cable 3



Cable 4



PARTS



**NOTE:** This unused connection is for optional temperature monitoring. See our Temperature Sensor guide if you have opted for this service.

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### Installation process



#### Step 1

Install Stratus 79 GPS device according to instructions, or if already installed, locate Stratus 79 GPS device inside dash of vehicle. Record SN number for activation after installation is complete.



#### Step 2

Locate electronics bay on the Thermo King refrigeration unit.



#### Step 3

Locate square plug from the Thermo King iBox harness.



#### Step 4

Plug in Radius adapter cable (cable 1) into the iBox harness.



#### Step 5

Plug in other side of the Stratus adapter cable (cable 1) into the Stratus 35' cable (cable 2).



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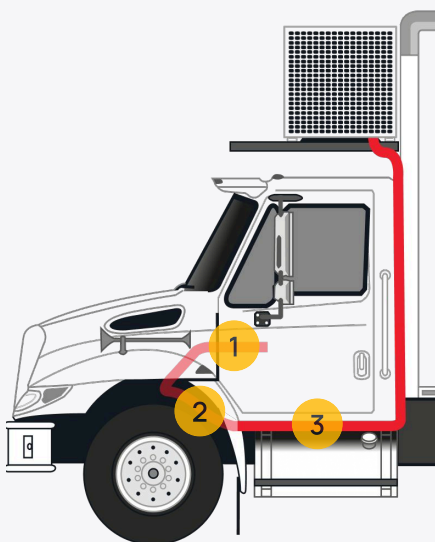
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### Installation process

#### Step 6

Route Stratus 35' cable (cable 2) from the bottom of the refrigeration unit and into the cab of the truck.

- A. Avoid routing close to hot exhaust and engine components.
- B. Use zip ties to attach the cable to existing cabling or mounting locations under the cab.



- 1. Drivers side firewall grommet.
- 2. Drivers side engine bay.
- 3. Rear underside of cab.

#### Step 7

Once the Stratus 35' cable (cable 1) is routed inside the cab, trim off excess length.

#### Step 8

Strip back 2" of cable (cable 1).

#### Step 9

Strip back 1/8" from each wire (cable 1).

#### Step 10

Trim off the shielding and fibers, leaving the bare ground wire intact (cable 1).



#### Step 11

Slide the rubber seals (parts) over the three colored wires. Be sure to face the skinniest part of the seals toward the exposed ends (as shown in the photo above). Using a compatible crimp tool, crimp a terminal from supplied kit (parts) onto each wire (cable 1) and around the seals.



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#### Step 12

Using the provided solder sleeve and red ground wire (parts), crimp the bare ground wire with the red wire's exposed connection together.



#### Step 13

Use a heat gun to mold the sleeve around the now-crimped wires.



#### Step 14

When inserting the new connections (cable 1) into the connector (parts), be sure to orient the crimped connections properly. Otherwise, they are at risk of getting stuck in the connector.



#### Step 15

Insert wires (cable 1) into the connector from supplied kit (parts) as shown in table below.

Wire Color	Connector Cavity
White	C
Black	B
Red	A



#### Step 16

Push in connector lock from supplied kit (parts).



#### Step 17

Mount the ring terminal to the chassis of the vehicle to ground it.

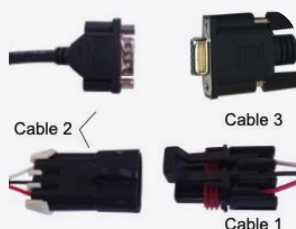


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#### Step 18

Connect cables 2 & 3 together.  
Then, plug cable 1 into the  
remaining end of cable 2.



#### Step 19

Attach power cable (cable 3) to  
Stratus 79 device.

#### Device Note:

Contains GSM/GPRS modem  
transmitter module.  
This device complies with  
Part 15 of the FCC rules.  
Operation is subject to the  
following two conditions:  
(1) This device may not cause  
harmful interference, and  
(2) This device must accept any  
interference received, including  
interference that may cause  
undesired operation.



**WARNING: ALL PERSONS MUST KEEP A MINIMUM SEPARATION 20CM FROM THE TRANSMITTER'S ANTENNA WHEN DEVICE IS OPERATING TO MEET THE CURRENT FCC RF EXPOSURE GUIDELINES.**