



Driver Operating Instructions

Reefer Link®

General Information

- The Idle Free Reefer Link is a controlled DC connection between the truck and the reefer unit
- The Reefer Link connection provides battery charging for the Idle Free eAPU
- The Reefer Link connection allows the truck or the reefer unit to supply power to each other
- If either the truck alternator or the reefer alternator fail, Reefer Link is used to literally connect the 12 VDC connections together
- The Idle Free Reefer Link system should always be connected prior to turning on the APU. This ensures that the Idle Free batteries remain charged during system operation. DO NOT run the APU batteries down and then connect to the reefer unit. This will not harm the reefer, but may result in the Idle Free batteries not charging correctly, resulting in a shorter run time.
- DO NOT leave the Reefer Link cable connected between the truck and the trailer while you are driving unless you have a failed alternator on the truck or trailer. Leaving the Reefer Link connected while driving, if both alternators are working, will not allow you to know if one of the alternators failed because the opposite alternator will run both the 12 VDC systems.

The reefer unit must have an alternator rating of 65 AMPS or greater

Operating Reefer Link

1. Set the reefer unit to ON, Auto start or Continuous Run
2. Connect the Reefer Link cable to the receptacle on the back of the truck
3. Connect the Reefer Link cable to the receptacle on the front of the trailer
4. Turn on the Idle Free eAPU (heat or air conditioner)

If the reefer unit is running...

- The reefer alternator should display >13.1 VDC
- The Idle Free voltmeter should show four lights (or more)

The reefer is not running...

- The reefer battery voltage should display between 12.1 VDC and 12.6 VDC
- The reefer unit should automatically start when DC volts drop between 12.1 and 12.0

Use Reefer Link when...

- The bunk requires air conditioning or heat
- If the reefer alternator fails
- If the truck alternator fails

If the reefer alternator fails...

1. Connect the Reefer Link cable to the truck and trailer. Route with the air lines or the electrical trailer harness



2. Keep the connector in place as you drive, until the reefer's alternator can be replaced
3. Secure the Reefer Link cable set to ensure that it does not rub on the step deck
4. Make sure that the replacement alternator is at least 65 AMPs

If the truck alternator fails...

1. Connect the Reefer Link cable to the truck and trailer. Route with the air lines or the electrical trailer harness
2. Keep the connector in place as you drive, until the truck's alternator can be replaced
3. Secure the Reefer Link cable set to ensure that it does not rub on the step deck
4. Make sure that the replacement alternator is 270 AMPs