

VIA EMAIL ONLY
RMD.ODI@dot.gov

February 25, 2013

Associate Administrator for Enforcement
Attn: ODI/Recall Management Division (NVS-215)
1200 Jersey Avenue, S.E.
Washington, D.C. 20590

RE: Submission per 49 CFR 579.5(b)
Recall Campaign #E13-015

Dear Administrator:

Pursuant to 49 CFR Part 579.5(b), attached herewith is a copy of a service bulletin sent by Thermo King Corporation to its dealers in February of 2014. The service bulletin is related to voluntary safety recall #E13-015. The purpose of the Thermo King service campaign bulletin was to inform the Thermo King dealers that the internal reporting target end date as set by the internal tracking software for the service campaign related to #E13-015 has been extended until April 10, 2016 subject to federal regulations.

Feel free to contact me with any questions regarding this matter.

Sincerely,
THERMO KING CORPORATION

Jay A. Kopp

Jay A. Kopp
Legal Counsel

Attachment



Date: 11-Feb-2014

Subject: Update SmartPower™ Receptacle Box and Connector

Bulletin Location: This bulletin is available on TSA Info Central at Home > Campaign Bulletins.

Units Covered: All “T” Series Truck Units with optional SmartPower™ built from January 2009 to February 28, 2013.
and
All “V” Series Truck Units with optional SmartPower™ built from January 01, 2013 to February 28th, 2013.

Length of Program: Work must be completed and claims must be filed by April 10th, 2016

Labor Hours: 0.5 Hours

Description: Remove and replace receptacle box cord connector, sealing washer, and receptacle box cover gasket

Update: Campaign completion target end date has been extended to April 10, 2016

A small percentage of units have been found to have moisture ingress to the receptacle box causing corrosion that requires the receptacle to be replaced. Should you encounter a unit that requires the receptacle to be replaced, be sure to claim the campaign listed below that matches the parts replaced. See parts list below to determine which campaign to file. Campaigns 580B, 580C, 580D, 580E, and 580F have been set up to reimburse you for the cost of the replacement receptacle along with the sealing washers and gasket update kit. Each allows for 0.5 hours labor.

Parts List:

QTY	Part(s)	Description	Campaign
(1)	04-7238	Receptacle Box Update Kit (only)	Campaign 580

In addition to the receptacle box update kit, if you also needed to replace the receptacle, you should file for the campaign below that corresponds to the receptacle that was replaced. Each will reimburse you for the update kit (04-7238) plus the parts below:

QTY	Part(s)	Description	Campaign
(1)	41-8294	POWER INLET 20A 460V (3 pole, 4 wire)	Campaign 580B
(1)	41-8293	POWER INLET 30A 250V (3 pole, 4 wire)	Campaign 580C
(1)	41-8275	POWER INLET 50A 250V (3 pole, 4 wire)	Campaign 580D
(1)	42-0301	POWER INLET 30A 250V (2 pole, 3 wire)	Campaign 580E
(1)	42-1101	POWER INLET 30A 125V (2 pole, 3 wire)	Campaign 580F

Campaign Procedure:

1. Obtain necessary number of Receptacle Box Upgrade Kits (Part Number 04-7238)
2. Schedule the unit to your dealership
3. Check unit serial number to confirm eligibility
4. Remove and replace the Receptacle Box connector and replace the Receptacle Box Cover Gasket. See attached procedure for details.
5. File warranty claim using TAVANT.

FILING YOUR WARRANTY CLAIM:

1. For "Claim Type" use "Field Modification"
2. Input the "Unit Serial Number"
3. Select the appropriate Field Modification Number if not populated
4. Input your "Dealer Reference Number" in the "Work Order Number" field
5. Input the "Hours in Service/Energy Units"
6. Input the "Repair Date" (this is the repair completion date)
7. Leave the "SMR" and "Commercial Policy" boxes unchecked
8. Press "Continue"
9. Fill in "Condition Found" and "Work Performed"
10. Attach any pertinent documents
11. The rest of this page will be completed automatically
12. The claim is complete and ready to validate and submit

Procedure to Remove and Replace Receptacle Box Cord Connector and Cover Gasket

CAUTION: High voltage AC power is present whenever the unit is connected to external standby power. Voltages of this magnitude can be lethal. Be sure to disconnect all power before starting work.

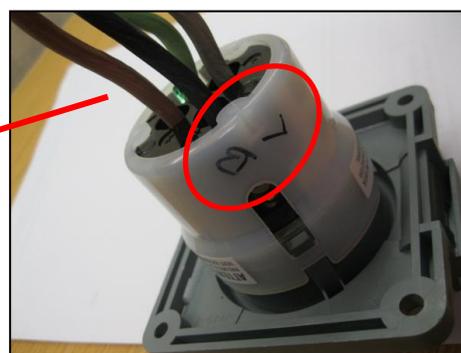
NOTE: The Receptacle Box does not need to be removed from the truck in order to perform this procedure.

1. Turn the unit off and disconnect all electrical standby power connections. If a standby power cable is connected to the Receptacle box it must be removed.
2. Remove the 4 screws located on the front of the Receptacle Box and remove the cover. Remove and discard the cover gasket.



IMPORTANT: The cover gasket will be replaced with the cover gasket in the kit to ensure an adequate seal.

3. Using a permanent marker, mark each wire connection on the receptacle with the wire color of the wire installed in that location as shown below. Failure to do so may result in incorrect motor rotation.



4. After marking the wire colors on the receptacle the wires can be removed.



5. Carefully inspect the cover and receptacle for damage or water leaks. Be sure the cover and receptacle are completely dry.
6. Loosen the gland nut on the connector located at the top of the Receptacle Box by turning it counterclockwise.



7. Remove the cable from the connector. Remove the gland nut from the cable and discard.
8. Loosen the connector body by turning the body counterclockwise. A wrench will be required to loosen the connector body as shown below. Do not allow the lock nut located on the inside of the box to rotate.



9. Remove and discard the connector body. Do not discard the lock nut.
10. Carefully inspect the Receptacle box to be sure the interior of the box is completely dry and has no internal or external damage.
11. Obtain a Receptacle Box Update Kit. The kit parts are identified below.

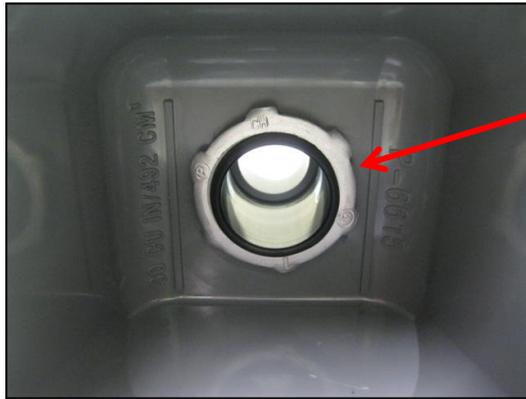


Receptacle Box Update Kit # 04-7238

12. Install the sealing washer over the connector body fitting and apply LocTite to the fitting threads. Insert the fitting into the electrical box. The sealing washer must be between the connector body and the electrical box as shown below.



13. Install the lock nut on the inside of the electrical box and tighten the connector body securely finger tight. Check to be sure the connector is clean and is seated true and flat on the Receptacle box surface. Torque the connector to 55 pounds•inch (6.2 N•m) If a torque wrench is not available, use a wrench on the connector body to tighten the connector body an additional $\frac{1}{4}$ to $\frac{1}{2}$ turn (90° to 180°).



IMPORTANT: Excessive tightening of the connector body may result in the sealing washer being deformed. This will allow the fitting to leak.

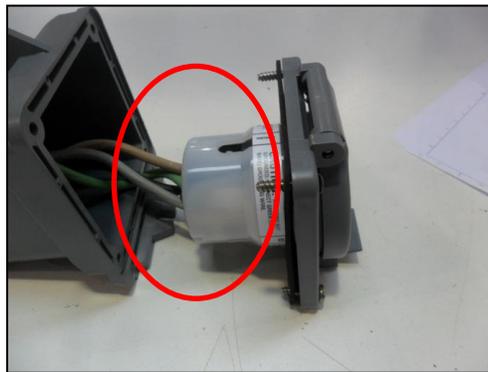
NOTE: The sharp teeth on the lock nut must face toward the inside surface of the Receptacle box. When tightening the connector body it may be necessary to hold the lock nut to prevent it turning.

14. Insert the cable through the connector to the required position. Loosen the gland nut if necessary to insert the cable.
15. Install new cover gasket on the Receptacle Box cover.



16. Re-connect the cable wires to the receptacle matching the wire colors to the markings made on the receptacle in Step 5. Torque the terminal screws as follows:

30 Amp Receptacles	18 Pounds•Inch (2.0 N•m)
50 Amp Receptacles	25 Pounds•Inch (2.8 N•m)



17. Adjust the amount of wire inside the box as needed. Make sure the cable is clean and straight where it passes through the gland nut on the connector. Tighten the gland nut securely by hand.
18. Verify the cable is straight and true where it passes through the gland nut. Hold the connector body with a wrench and use pliers to tighten the gland nut an additional $\frac{1}{2}$ turn (180°). Pull test the connection to be sure the cable is securely held by the gland nut.
19. Tuck the wires into the Receptacle Box and make sure they are not compressed when the Receptacle Box Cover is installed. Install the Receptacle Box Cover with the receptacle hinge up. Tighten the cover screws to 20 Pounds•Inch (2.2 N•m).

Installation Tips

- ✓ Disconnect the standby power cable from the Receptacle Box before beginning work. Be sure all standby power is completely disconnected.
- ✓ Be sure the new sealing washer and cover gasket are properly installed.
- ✓ Carefully inspect the Receptacle Box for any damage. Be sure the interior of the box is completely dry.
- ✓ If the receptacle shows signs of corrosion it must be replaced.
- ✓ Be sure the power cable from the Receptacle Box to the unit is not stressed by the cable clamps.