U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

AUG 0 8 2011

Via Certified Mail
Mr. Lance Matthees
Matthees Enterprises
4950 Service Drive
Winona, MN 55987

NVS-215aa
EQ10-010
10E-049

Subject: Second Request for Information- Response Required

Dear Mr. Matthees:

On January 13, 2011, we wrote to your company as part of an ongoing investigation being conducted by the National Highway Traffic Safety Administration (NHTSA) about a safety issue involving certain 1200 series refrigerators that were manufactured by Norcold, Inc. (Norcold) and sold to your company for further installation into motor vehicles. Your company's response to that letter was due to NHTSA within 10 days of receipt. At this time, we have not received your response.

A copy of our original letter is enclosed with this letter.

This letter is being sent in order to remind your company that it must respond to the earlier letter and that your company may have additional obligations under Federal law as we explained in the earlier letter.

A written response to our earlier letter must be submitted to this office within 7 days of your receipt of this letter. Response submission may be made by US Mail to the address listed therein, fax to (202) 366-7882, or e-mail rmd.odi@dot.gov.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to

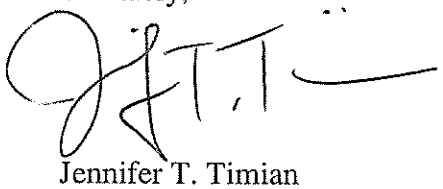
be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to $6,000 per day, with a maximum of $17,350,000 for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 CFR 578.6 (as amended by 75 Fed. Reg. 79978 (Dec. 21, 2010)). This includes failing to respond to ODI information requests.

I urge your company to comply with this information request in order to ensure that these important issues relating to motor vehicle safety are promptly addressed, and in order to avoid a potential enforcement action against the company in addition to substantial penalties for its failure to respond to an inquiry issued during an official investigation.

Should you have any questions regarding this inquiry, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov.

Sincerely,



Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Matthees Enterprises
4950 Service Drive
Winona, MN 55987

Attn: Mr. Lance Matthees

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Jennifer L. Keeler
C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

JAN 13 2011

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

Article Number
(Transfer from service label) 7008 1830 0001 4173 4292

Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

JAN 13 2011

1200 New Jersey Avenue SE
Washington, DC 20590

Via USPS Certified Mail
Matthees Enterprises
Mr. Lance Matthees
4950 Service Drive
Winona, MN 55987

NVS-215aa
EQ10-010
10E-049

Re: Safety Recall 10E-049

Dear Mr. Matthees:

The purpose of this letter is to make you aware of a potential safety problem in vehicles that you manufactured and to remind you of your responsibilities under Federal law. We also request a written response from your company upon processing the required information outlined below.

The Office of Defects Investigation (ODI), Recall Management Division (RMD) is conducting an equipment query (EQ) investigation in relation to certain Norcold brand refrigerators that the manufacturer has decided contain a safety related defect that could cause a vehicle fire. This investigation has been assigned the identification EQ10-010.

In a letter dated October 7, 2010, Norcold, Inc. (Norcold) notified the NHTSA that it had decided certain 1200 series refrigerators, manufactured between January 1, 2003, and October 6, 2006, contain a safety related defect. Norcold stated that certain refrigerators contain either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. Norcold intends to install a thermocouple to improve the response time of this high temperature detection and further reduce the possibility of fire within these units. Should a fire occur within a refrigerator installed into a recreational vehicle, both personal injury and property damage are possible. NHTSA assigned recall number 10E-049 to this matter. Copies of the respective notifications are enclosed for your information.

Norcold listed Matthees Enterprises (your company) as a purchaser of 1 of these defective refrigerators.

Pursuant to Federal law, manufacturers of motor vehicles sold, offered for sale, delivered, or imported into the United States must notify NHTSA, within five (5) business days, when they first learn a safety defect or a noncompliance with a Federal Motor Vehicle Safety Standard exists in one of their vehicles. In the case of a defect or noncompliance in original equipment installed in the vehicles of more than one manufacturer, notification to NHTSA must be made by the original equipment manufacturer as to the equipment item, and by each vehicle manufacturer as to those vehicles it manufactured in which the defective equipment

was installed. The content of that notification is specified in 49 U.S.C. 573.6, Defect and Noncompliance Information Report. As of this date, we have not received the required report from your company.

This letter serves to remind you of your company's responsibilities, and to request that you make a timely defect decision and supply the requisite Defect Information Report. Guidance is provided in the following paragraphs to assist you in determining whether or not you are required to file a report. If you are required to file a report, please provide the information required by 49 CFR 573.6. Detailed information about that report follows. Additionally, please include the date on which you received notification of this matter from Norcold.

Please Note: A person/company that *alters* new vehicles with the installation of these refrigerators may also be required to file a Defect Information Report with NHTSA. Should this equipment be installed on a vehicle that is then sold to the first retail purchaser, a Defect Information Report will be required. Should you have any questions regarding your company's obligations in this matter, please contact Alex Ansley of NHTSA RMD at (202) 493-0481 or alexander.ansley@dot.gov.

In view of this fire risk, and your company's obligations under Federal law, we are also reminding your company that it is required to issue timely notification to owners who may have purchased vehicles with the defective refrigerators. In advance of issuing its owner notification letters, your company must submit a draft of its letter to NHTSA for review. Your company is reminded that this letter must meet the requirements of 49 CFR 577.5, "Notification pursuant to a manufacturer's decision." Your company is further reminded that notifications must be sent to those persons registered under State law as the owners of the vehicles. If particular owners cannot be reasonably ascertained by State records, notifications must be sent to those persons you identify as the most recent purchasers. We are also reminding your company that it is required to notify dealers and distributors as required by 49 CFR 577.13.

Please further note that you must file six quarterly recall status reports as required by 49 CFR 573.7. These reports are to be filed on consecutive yearly quarters beginning with the quarter in which notification to owners begins.

If your company has not received any of this equipment, or if your products are not available to be sold, offered for sale, delivered, or imported into the United States, please so state. If your company does not agree with Norcold that a defect exists in these refrigerators, you must submit a written response explaining your decision including all supporting documents, analysis, and/or test reports.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway

Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

Your company's written response must be submitted to this office within 10 days of receiving this letter. In your response, please be certain to include a reference to this matter's identification number which is EQ10-010.

If you have any questions concerning this matter, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov. Response submissions may be made by US Mail, fax (202) 366-7882, or e-mail rmd.odi@dot.gov.

Sincerely,

Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

10E-049
(8 pages)

October 7, 2010

Associate Administrator for Safety Assurance (NSA-01)
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Re: Norcold refrigerator model numbers; 1200AC, 1200ACIM, 1200LR, 1200LRIM, 1201LRIM, 1210AC, 1210ACIM, 1210, 1210IM and 1211IM

Dear Associate Administrator:

Norcold, Inc. manufactures gas absorption refrigerators which are sold for application in Recreational Vehicles ("RVs"). Norcold has voluntarily recalled models 1200AC, 1200ACIM, 1200LR, 1200LRIM, and 1201LRIM under previously issued NHTSA recalls identified as 02E-045, 08E-030, 09E-026 and 09E-027. These recalls covered cooling units installed on the 1200 series product manufactured from December 1996 up through December 2002. Recalls 08E-030, 09E-026 and 09E-027 involved the installation of a thermal switch on the cooling units manufactured from December 1996 through December 2002. With the action taken with this letter Norcold is voluntarily extending a recall of all 1200, 1201, 1210 and 1211 models to include units produced from January 1, 2003 to October 6, 2010.

The population of refrigerators being addressed contains either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. The defect being addressed is the response time of the sensing algorithm and the thermal switch. The remedy is to affix a thermocouple, with a faster response time, to all refrigerators equipped with a sensing algorithm or a thermal switch.

Therefore, the recall population will be extended to include all model 1200, 1201, 1210 and 1211 cooling units with serial numbers from 700000 to 13085759, non consecutively.

We are planning a vehicle safety recall campaign with respect to this entire population to notify OEMs, distributors, dealers, service centers and vehicle owners of the hazard and to offer a free remedy to prevent temperature elevation that could allow a fire, should this failure mode arise. As soon as the notification letters are prepared, which will be sent to the OEMs, distributors, dealers, service centers and vehicle owners regarding this additional safety recall we will submit them to you along with any other information needed to comply with NHTSA notification requirements. We expect to have parts available for this remedy work to begin in October of 2010.

Sincerely,

J. David Roberts

J. David Roberts
Vice President
Norcold, Inc.

Regional
23666 Cooper Drive
Elkhart, IN 46515
Phone: 219-266-5660
Fax: 219-266-5779

Headquarters
600 S. Kuther Road
P.O. Box 180
Sidney, OH 45365
Phone: 937-497-3080
General Fax: 937-497-3085
Administrative Fax: 937-497-3167

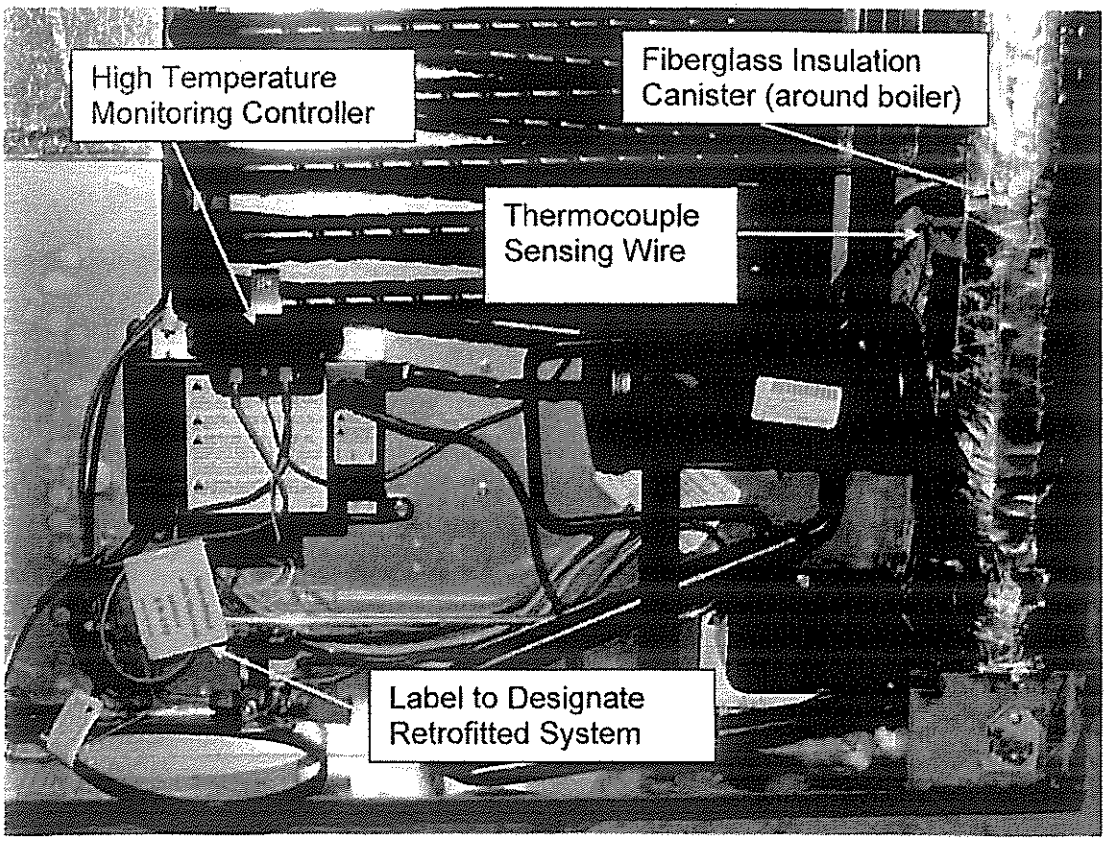
Gettysburg
1 Century Drive
Gettysburg, OH 45328
Phone: 937-447-2241
Fax: 937-497-3074

October 7, 2010

Information on the Recall Upgrade

Norcold is installing a thermocouple on all 1200LR, 1200LRIM, 1201LR, 1201LRIM, 1210 and 1210IM directly to the generator area of the cooling unit to detect abnormally high temperatures. When the thermocouple detects a generator operating at an unacceptably high temperature the contacts of the high temperature monitor open and disables all power sources for the refrigerator thereby preventing the generator temperature from climbing to a potentially dangerous level.

Norcold uses this same thermocouple and high temperature monitor in the manufacture of all new 1210 refrigerators. One refrigerator is illustrated below. By applying the same components to the older models in the recall program, the older cabinets are upgraded to the same level of safety as our current production models.



NORCOLD INC.
P.O. Box 1285
Ann Arbor, MI 48106
www.norcold.com

Service Kit
Ensemble de réparation
Juego de servicio

High Temperature Monitoring Control Kit 634737 For 1200, 1210 Series

Ensemble de commande de monitorage de haute température 634737 pour les séries 1200, 1210

Juego de control para monitoreo de alta temperatura 634737 para las series 1200 y 1210

Kit Contents :

- (1) Temperature Monitoring Control
- (1) Thermocouple (muffler clamp)
- (1) Insulation plug
- (1) Wire, +12V Out
- (1) Wire, +12V In
- (1) Ground Wire
- (1) Rework label
- (1) Limit In Wire
- (1) Limit Out Wire
- (1) Warranty Claim Card
- (1) Service Kit Literature

Tools Needed:

- Nut driver set
- Long Blade Razor Knife
- In Lb Torque Wrench
- 5/16" socket

Warning! The following procedure is to be performed by authorized service personnel only. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Note! Kit instructions are intended to be used with the support of the proper service manual.

Note! In the event that the rear of the unit is not accessable, refer to the owners manual for removal and installation procedure.

Purpose

To detect improper operation of the cooling unit by monitoring the surface temperature of the boiler. In the event an abnormally high temperature is detected, all heat source outputs to the cooling unit will be disabled. This condition is non resettable and must be serviced by an authorized service center.

Procedures

To install the kit, complete the steps in the order presented on the following pages.

L'ensemble contient :

- (1) Commande de monitorage de température
- (1) Thermocouple (bride de fixation)
- (1) Embout isolant
- (1) Fil, sortie +12V
- (1) Fil, entrée +12V
- (1) Fil de masse
- (1) Etiquette de réfection
- (1) Fil de limite d'entrée
- (1) Fil de limite de sortie
- (1) Carte de garantie
- (1) Documentation de l'ensemble de réparation

Outils requis :

- Jeu de tournevis à douille
- Couteau à lame longue
- Clé dynamométrique po / lb
- Douille 5/16 po

Avertissement! La procédure suivante ne doit être exécutée que par un technicien autorisé. Une installation, un ajustement, une modification, une réparation ou un entretien incorrects peuvent causer des blessures ou des dommages matériels.

Remarque! Les instructions de cet ensemble doivent être utilisées en complément du manuel d'entretien approprié.

Remarque! Si l'arrière de l'appareil n'est pas accessible, consultez le manuel de l'utilisateur pour connaître la procédure d'enlèvement et d'installation.

Usage

Détecter un fonctionnement incorrect de l'unité de refroidissement en surveillant la température de surface de la chaudière. Si une température anormalement élevée est détectée, toutes les sources de chaleur de l'unité de refroidissement seront désactivées. Cet état ne peut être suivi d'un réamorçage et doit être confié à un centre de service agréé.

Procédure

Pour installer l'ensemble, suivez les étapes présentées aux pages suivantes.

El juego contiene:

- (1) Control para monitoreo de temperatura
- (1) Termopar (abrazadera reguladora)
- (1) Tapón de aislamiento
- (1) Cable, para salida de +12 V
- (1) Cable, para entrada de +12 V
- (1) Cable de tierra
- (1) Etiqueta de retrabajo
- (1) Cable limitador de entrada
- (1) Cable limitador de salida
- (1) Tarjeta para reclamo de garantía
- (1) Información escrita sobre el juego de servicio

Herramientas necesarias:

- Juego de impulsores de tuercas
- Navaja de cuchilla larga
- Llave de torsión en pulg.-lb
- Dado de 5/16 pulg.

¡Advertencia! El siguiente procedimiento lo debe realizar únicamente el personal de servicio autorizado. Las alteraciones o los procedimientos incorrectos de instalación, ajuste, servicio o mantenimiento pueden causar lesiones o daños materiales.

¡Nota! Las instrucciones del juego están diseñadas para usarse con el respaldo del manual de servicio adecuado.

¡Nota! En caso de que la parte trasera de la unidad no esté accesible, consulte el procedimiento de retiro e instalación en el manual del propietario.

Propósito

Detectar el funcionamiento inadecuado de la unidad de enfriamiento al monitorear la temperatura superficial de la caldera. En caso de detectar una temperatura anormalmente alta, todas las salidas de la fuente de calor hacia la unidad de enfriamiento queda rán inhabilitadas. Esta condición no es reiniciable, y debe recibir servicio de un centro de servicio autonzado.

Procedimientos

Para instalar el juego, realice los pasos en el orden indicado en las páginas siguientes.

References

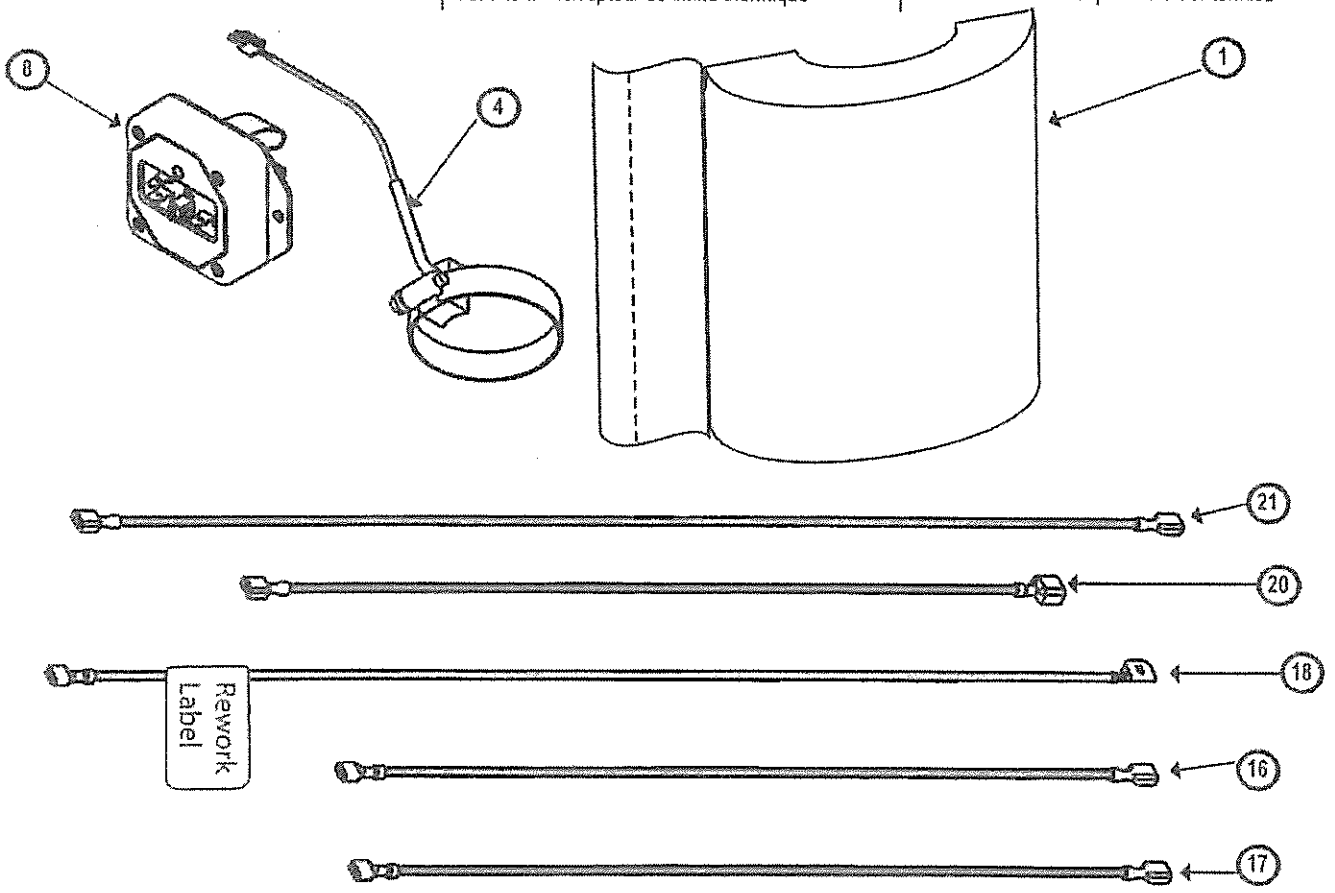
1. Insulation Plug (shown below)
2. Insulation
3. Burner Box
4. Thermocouple (shown below)
5. Heater Tubes
6. Boiler
7. Flue Tube
8. Temp Monitoring Control (shown below)
9. New Style Power Board
10. Old Style Power Board
11. Screws
12. Power Board Cover
13. Thermal Limit Switch
14. Jumper Wire
15. Power Board
16. 15" Blue Limit In Wire (shown below)
17. 15" Red Limit Out Wire (shown below)
18. 21" Green Wire (shown below)
19. Bottom Absorber Leg
20. 15" Red +12V In Wire Male/Female (shown below)
21. 21" Blue +12V Out Wire (shown below)
22. Vehicle Supply Wire 12V DC
23. Thermal Limit Switch Wires

Références

1. Embout isolant (illustré ci-dessous)
2. Isolant
3. Boîte de brûleur
4. Thermocouple (illustré ci-dessous)
5. Tuyaux de chauffage
6. Chaudière
7. Tube d'évacuation
8. Commande de monitorage de température (illustré ci-dessous)
9. Nouveau circuit d'alimentation
10. Ancien circuit d'alimentation
11. Vis
12. Couvercle du circuit d'alimentation
13. Interrupteur de limite thermique
14. Fil volant
15. Circuit d'alimentation
16. Fil de limite d'entrée bleu 38 cm (15 po) (illustré ci-dessous)
17. Fil de limite de sortie rouge 38 cm (15 po) (illustré ci-dessous)
18. Fil vert 53 cm (21 po) (illustré ci-dessous)
19. Pied amortisseur inférieur
20. Fil d'entrée rouge +12V de 38 cm (15 po) mâle / femelle (illustré ci-dessous)
21. Fil de sortie bleu +12V de 53 cm (21 po) (illustré ci-dessous)
22. Fil d'alimentation du véhicule 12V CC
23. Fils d'interrupteur de limite thermique

Referencias

1. Tapón de aislamiento (se muestra más abajo)
2. Aislamiento
3. Caja del quemador
4. Termopar (se muestra abajo)
5. Tubos del calefactor
6. Caldera
7. Tubo de humos
8. Control de monitoreo de temperatura (se muestra abajo)
9. Tablero eléctrico de estilo nuevo
10. Tablero eléctrico de estilo anterior
11. Tornillos
12. Cubierta del tablero eléctrico
13. Interruptor limitador térmico
14. Cable puente
15. Tablero eléctrico
16. Cable azul de límite de entrada de 38 cm (15 pulg.) (se muestra abajo)
17. Cable rojo de límite de salida de 38 cm (15 pulg.) (se muestra abajo)
18. Cable verde de 53 cm (21 pulg.) (se muestra abajo)
19. Pata de absorción inferior
20. Cable de entrada macho/hembra de +12 V color rojo y 38 cm (15 pulg.) (se muestra abajo)
21. Cable de salida de +12 V color azul y 53 cm (21 pulg.) (se muestra abajo)
22. Cable de alimentación del vehículo de 12 VCC
23. Cables del interruptor limitador térmico



Art02247

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

1 Attach Thermocouple / Installation du thermocouple / Fije el termopar

Note! Refer to page 2 for numbered call outs.

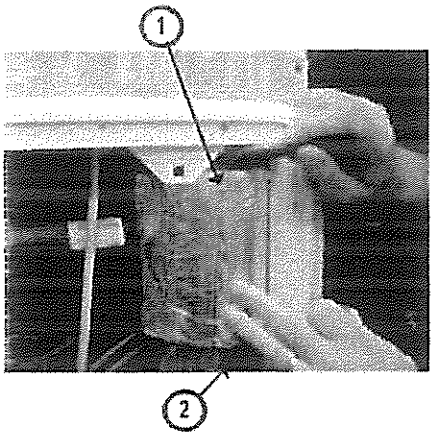
1. Position ① on ② 3" from top of ③ and mark guide lines on ②.
2. Cut ② along guide lines and remove cutout section.

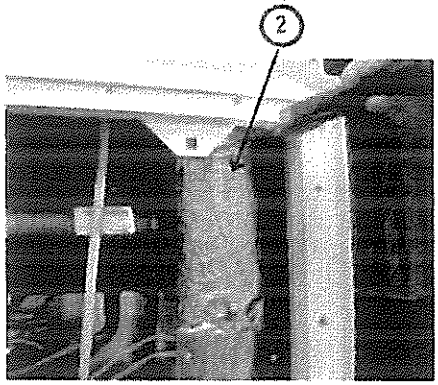
Remarque! Consultez la page 2 pour la nomenclature des pièces.

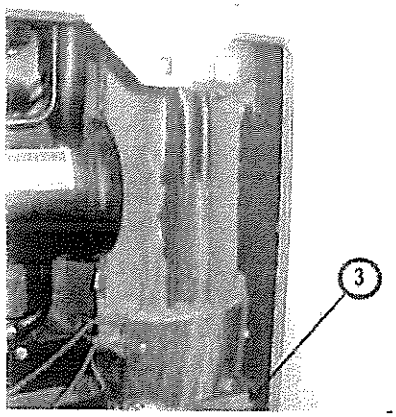
1. Placez ① sur ② à 7,6 cm (3 po) du haut de ③ et tracez des lignes de repère sur ②.
2. Coupez ② le long des lignes de repère et enlevez la section coupée.

¡Nota! Consulte la lista numerada de la página 2.

1. Coloque ① sobre el ② a 7.6 cm (3 pulg.) de la parte superior del ③ y marque las líneas guía en ②.
2. Corte el ② a lo largo de las líneas guía y retire la sección cortada.



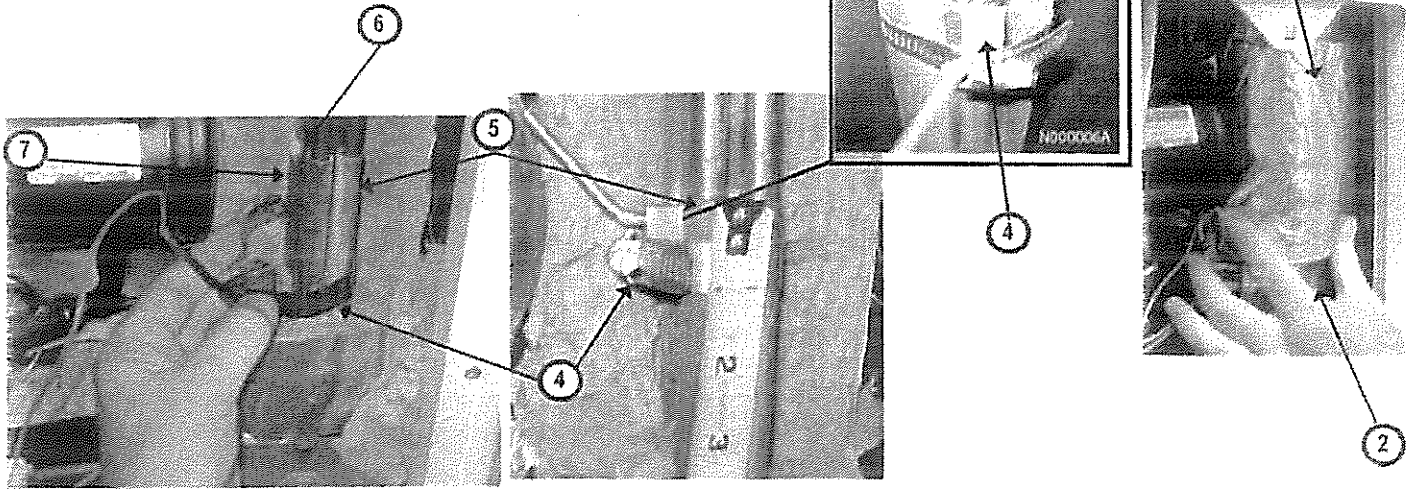




3. Position ④ around ⑤, ⑥ & ⑦ so the sensor is against ⑥ and is even with or within 1" of the top of ⑤.
4. Tighten ④. Torque to 23 in lb.
5. Position ① in cutout section of ② and secure with attached tape.

3. Positionnez ④ autour de ⑤, ⑥ et ⑦ de sorte que le capteur soit appuyé contre ⑥ et soit à égalité ou à moins de 2,5 cm (1 po) du haut de ⑤.
4. Serrez ④ à un couple de 23 po lb.
5. Positionnez ① dans la section découpée de ② et fixez le morceau avec du ruban.

3. Coloque el ④ alrededor de ⑤, ⑥ y ⑦, de tal manera que el sensor quede contra el ⑥ y a nivel o a menos de 2.5 cm (1 pulg.) de la parte superior de ⑤.
4. Apriete el ④ a 23 pulg.-lb.
5. Coloque el ① en la sección cortada de ② y asegure con la cinta anexa.



Questions?/Des questions?/¿Preguntas? 1-800-543-1219

2 Identify Power Board / Identification du circuit d'alimentation / Identifique el tablero eléctrico

Note! The high temperature monitoring kit can be wired two different ways. The wire connections depend on what power board is installed.

Note! Refer to page 2 for numbered call outs.

1. Identify power board
   - (9) = New Board (2 styles)
   - (10) = Old Board
2. If the unit is equipped with a new style power board (9) follow procedure 3a. If the unit is equipped with the old style power board (10) follow procedure 3b.

Remarque! L'ensemble de monitorage de haute température peut être connecté de deux façons différentes. Les connexions dépendent du type de circuit d'alimentation installé.

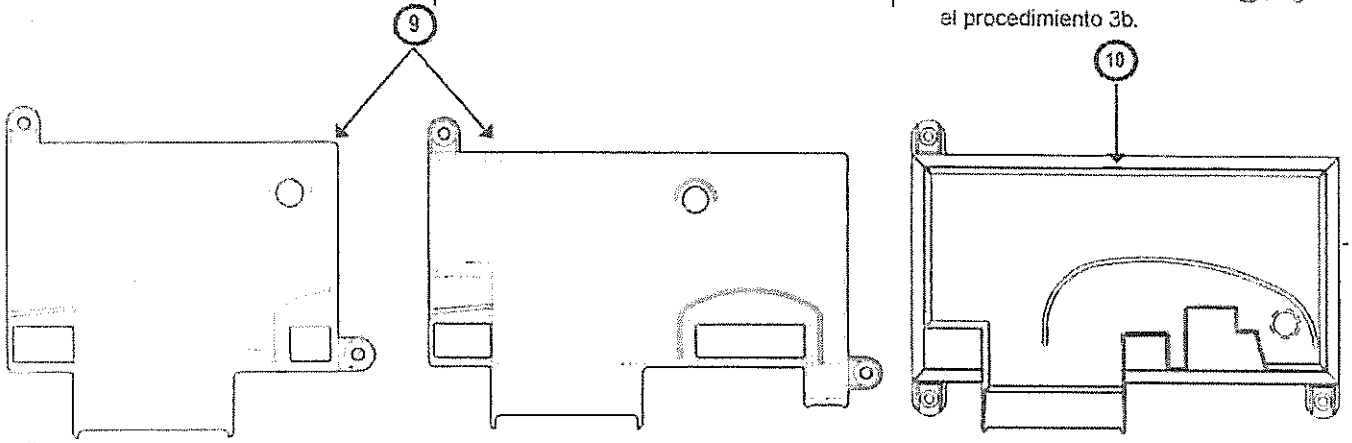
Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Identifiez le circuit d'alimentation
   - (9) = Nouveau circuit (2 styles)
   - (10) = Ancien circuit
2. Si l'appareil est muni de l'un des nouveaux circuits d'alimentation (9), suivez la procédure 3a. Si l'appareil est muni de l'ancien circuit d'alimentation (10), suivez la procédure 3b.

¡Nota! El juego de monitoreo de alta temperatura se puede cablear de dos maneras diferentes. Las conexiones de los cables dependen del tablero eléctrico que esté instalado.

¡Nota! Consulte la lista numerada de la página 2.

1. Identifique el tablero eléctrico.
   - (9) = Tablero nuevo (2 estilos)
   - (10) = Tablero anterior
2. Si la unidad está equipada con un tablero eléctrico con el estilo nuevo (9), siga el procedimiento 3a. Si la unidad está equipada con un tablero eléctrico con el estilo anterior (10), siga el procedimiento 3b.



3a Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3a) is for units equipped with the new style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Unplug AC power cord from RV receptacle.
2. Disconnect AC power cord from (9).
3. Disconnect DC input wires from (9).
4. Disconnect ignitor wire from (9).
5. Remove (11) x2 and (12).
6. If equipped with (13) disconnect and discard (23) x 2.
7. If not equipped with (13) disconnect and discard (14) from terminals Limit_In and Limit_Out on (15).

Remarque! Cette procédure (3a) convient uniquement à un appareil muni d'un nouveau circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Débranchez le cordon d'alimentation CA de la prise du véhicule récréatif.
2. Débranchez le cordon d'alimentation CA de (9).
3. Débranchez les fils d'entrée CC de (9).
4. Débranchez le fil d'allumage de (9).
5. Enlevez deux (11) et le (12).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Si l'appareil n'est pas muni de (13), débranchez et jetez (14) des bornes de limite d'entrée (Limit_In) et de limite de sortie (Limit_Out) sur (15).

¡Nota! Este procedimiento (3a) es únicamente para unidades equipadas con el tablero eléctrico con el estilo nuevo.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

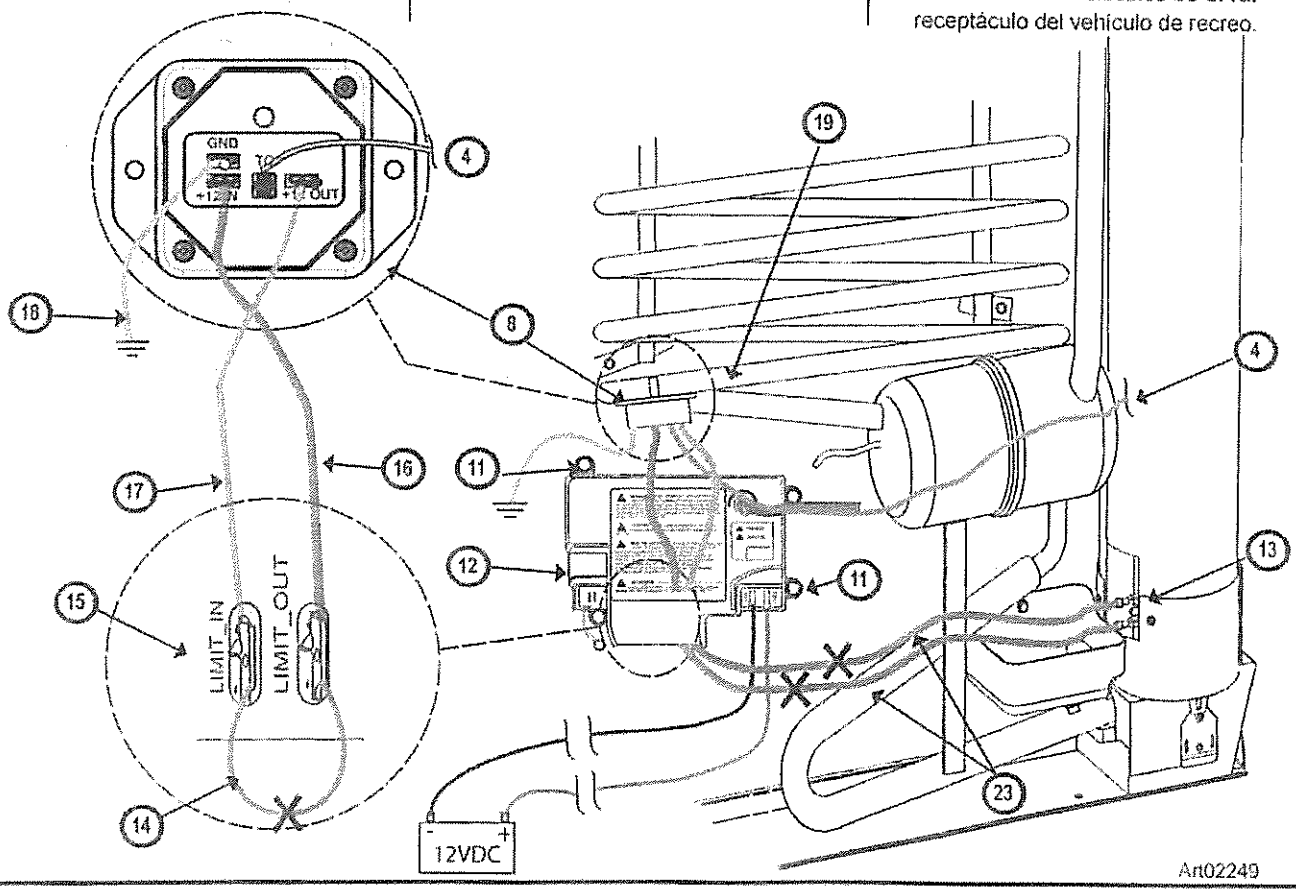
1. Desconecte el cable eléctrico de CA del receptáculo del vehículo de recreo.
2. Desconecte el cable eléctrico de CA de (9).
3. Desconecte los cables de entrada de CC de (9).
4. Desconecte el cable de encendido de (9).
5. Retire dos (11) y el (12).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Si no está equipado con (13), desconecte y deseche (14) de las terminales de límite de entrada y límite de salida en (15).

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

8. Connect .250" end of (16) to terminal +12V Out on (3)
9. Connect .187" end of (16) to terminal Limit_In on (15).
10. Connect .250" end of (17) wire to terminal +12V In on (8)
11. Connect .187" end of (17) to terminal Limit_Out on (15).
12. Install (12) and (11) x2
13. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
14. Connect connector from (4) to connector on (8).
15. Clip (8) to (19).
16. Connect ignitor wire to (9).
17. Connect DC input wires to (9).
18. Connect AC power cord to (9).
19. Plug AC power cord into RV receptacle.

8. Connectez l'extrémité de 6,35 mm (0,250 po) de (16) à la borne de sortie +12V de (8).
9. Connectez l'extrémité de 4,75 mm (0,187 po) de (16) à la borne de limite d'entrée (Limit_In) de (15).
10. Connectez l'extrémité de 6,35 mm (0,250 po) de (17) à la borne +12V de (8).
11. Connectez l'extrémité de 4,75 mm (0,187 po) de (17) à la borne de limite de sortie (Limit_Out) de (15).
12. Installez (12) et deux (11).
13. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
14. Raccordez le connecteur de (4) au connecteur de (8).
15. Fixez (8) sur (19).
16. Branchez le fil d'allumage sur (9).
17. Branchez les fils d'entrée CC de (9).
18. Branchez le cordon d'alimentation CA sur (9).
19. Branchez le cordon d'alimentation CA dans la prise du véhicule récréatif.

8. Conecte el extremo de 6.35 mm (0.25 pulg.) de (16) a la salida de +12 V de la terminal en (8)
9. Conecte el extremo de 4.75 mm (0.187 pulg.) a la entrada limitadora de la terminal en (15).
10. Conecte el extremo de 6.35 mm (0.25 pulg.) del cable (17) a la entrada de +12 V de la terminal en (8).
11. Conecte el extremo de 4.75 mm (0.187 pulg.) (17) a la salida limitadora de la terminal en (15).
12. Instale (12) y dos (11).
13. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
14. Conecte el conector de (4) al conector en (8).
15. Sujete el (8) al (19).
16. Conecte el cable del encendedor a (9).
17. Conecte los cables de entrada de CC a (9).
18. Conecte el cable eléctrico de CA a (9).
19. Conecte el cable eléctrico de CA al receptáculo del vehículo de recreo.



3b Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3b) is for units equipped with the old style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Connect female end of (20) to terminal +12V IN on (8).
2. Connect one end of (21) to terminal +12V Out on (8).
3. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
4. Connect connector from (4) to connector on (8).
5. Clip (6) to (19).
6. If equipped with (13) disconnect and discard (23) x 2.
7. Connect male end of (20) to (22).
8. Connect other end of (21) to terminal 12VDC on (15).

Remarque! Cette procédure (3b) convient uniquement à un appareil muni d'un ancien circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

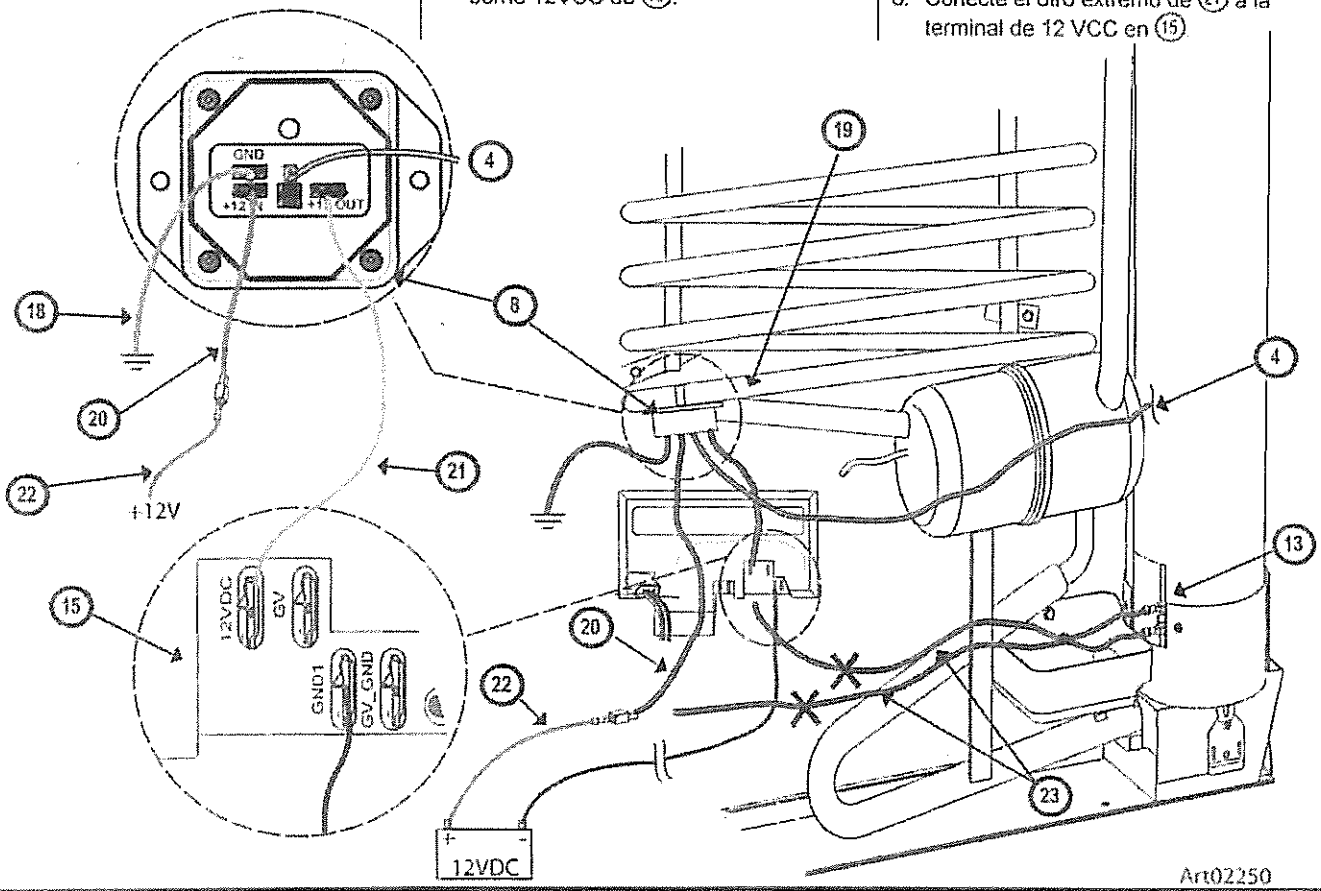
1. Connectez l'extrémité femelle de (20) à la borne d'entrée +12V (+12V IN) de (8).
2. Connectez une extrémité de (21) à la borne de sortie +12V (+12V Out) de (8).
3. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
4. Raccordez le connecteur de (4) au connecteur de (8).
5. Fixez (6) sur (19).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Connectez l'extrémité mâle de (20) sur (22).
8. Connectez l'autre extrémité de (21) à la borne 12VCC de (15).

¡Nota! Este procedimiento (3b) es únicamente para unidades equipadas con el tablero eléctrico con el estilo anterior.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

1. Conecte el extremo hembra de (20) a la terminal de +12 V en (8).
2. Conecte un extremo de (21) a la terminal de salida de +12 V en (8).
3. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
4. Conecte el conector de (4) al conector en (8).
5. Sujete el (6) al (19).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Conecte el extremo macho de (20) a (22).
8. Conecte el otro extremo de (21) a la terminal de 12 VCC en (15).



Art02250

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

AUG 0 8 2011

Via Certified Mail
President / Chief Counsel
Elite Trailer Inc.
2379 Leibel Street-Suite 200
White Bear Lake, MN 55110

NVS-215aa
EQ10-010
10E-049

Subject: Second Request for Information- Response Required

Dear Sir or Madam:

On January 13, 2011, we wrote to your company as part of an ongoing investigation being conducted by the National Highway Traffic Safety Administration (NHTSA) about a safety issue involving certain 1200 series refrigerators that were manufactured by Norcold, Inc. (Norcold) and sold to your company for further installation into motor vehicles. Your company's response to that letter was due to NHTSA within 10 days of receipt. At this time, we have not received your response.

A copy of our original letter is enclosed with this letter.

This letter is being sent in order to remind your company that it must respond to the earlier letter and that your company may have additional obligations under Federal law as we explained in the earlier letter.

A written response to our earlier letter must be submitted to this office within 7 days of your receipt of this letter. Response submission may be made by US Mail to the address listed therein, fax to (202) 366-7882, or e-mail rmd.odi@dot.gov.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to

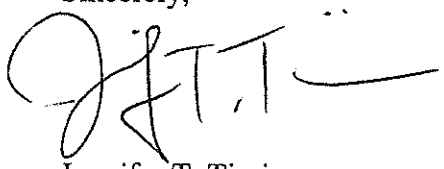
be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to $6,000 per day, with a maximum of $17,350,000 for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 CFR 578.6 (as amended by 75 Fed. Reg. 79978 (Dec. 21, 2010)). This includes failing to respond to ODI information requests.

I urge your company to comply with this information request in order to ensure that these important issues relating to motor vehicle safety are promptly addressed, and in order to avoid a potential enforcement action against the company in addition to substantial penalties for its failure to respond to an inquiry issued during an official investigation.

Should you have any questions regarding this inquiry, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov.

Sincerely,



Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Elite Trailer Inc.
2379 Leibel Street-Suite 200
White Bear Lake, MN 55110

Attn: **Warranty / Compliance Division**

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) [signature]

C. Date of Delivery 1-18-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

Article Number
(Transfer from service label) 7008 1830 0001 4173 4148

S Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

JAN 13 2011

Via USPS Certified Mail
Elite Trailer Inc.
Warranty / Compliance Division
2379 Leibel Street-Suite 200
White Bear Lake, MN 55110

NVS-215aa
EQ10-010
10E-049

Re: Safety Recall 10E-049

Dear Sir or Madam:

The purpose of this letter is to make you aware of a potential safety problem in vehicles that you manufactured and to remind you of your responsibilities under Federal law. We also request a written response from your company upon processing the required information outlined below.

The Office of Defects Investigation (ODI), Recall Management Division (RMD) is conducting an equipment query (EQ) investigation in relation to certain Norcold brand refrigerators that the manufacturer has decided contain a safety related defect that could cause a vehicle fire. This investigation has been assigned the identification EQ10-010.

In a letter dated October 7, 2010, Norcold, Inc. (Norcold) notified the NHTSA that it had decided certain 1200 series refrigerators, manufactured between January 1, 2003, and October 6, 2006, contain a safety related defect. Norcold stated that certain refrigerators contain either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. Norcold intends to install a thermocouple to improve the response time of this high temperature detection and further reduce the possibility of fire within these units. Should a fire occur within a refrigerator installed into a recreational vehicle, both personal injury and property damage are possible. NHTSA assigned recall number 10E-049 to this matter. Copies of the respective notifications are enclosed for your information.

Norcold listed Elite Trailer Inc. (your company) as a purchaser of 4 of these defective refrigerators.

Pursuant to Federal law, manufacturers of motor vehicles sold, offered for sale, delivered, or imported into the United States must notify NHTSA, within five (5) business days, when they first learn a safety defect or a noncompliance with a Federal Motor Vehicle Safety Standard exists in one of their vehicles. In the case of a defect or noncompliance in original equipment installed in the vehicles of more than one manufacturer, notification to NHTSA must be made by the original equipment manufacturer as to the equipment item, and by each vehicle manufacturer as to those vehicles it manufactured in which the defective equipment

was installed. The content of that notification is specified in 49 U.S.C. 573.6, Defect and Noncompliance Information Report. As of this date, we have not received the required report from your company.

This letter serves to remind you of your company's responsibilities, and to request that you make a timely defect decision and supply the requisite Defect Information Report. Guidance is provided in the following paragraphs to assist you in determining whether or not you are required to file a report. If you are required to file a report, please provide the information required by 49 CFR 573.6. Detailed information about that report follows. Additionally, please include the date on which you received notification of this matter from Norcold.

Please Note: A person/company that *alters* new vehicles with the installation of these refrigerators may also be required to file a Defect Information Report with NHTSA. Should this equipment be installed on a vehicle that is then sold to the first retail purchaser, a Defect Information Report will be required. Should you have any questions regarding your company's obligations in this matter, please contact Alex Ansley of NHTSA RMD at (202) 493-0481 or alexander.ansley@dot.gov.

In view of this fire risk, and your company's obligations under Federal law, we are also reminding your company that it is required to issue timely notification to owners who may have purchased vehicles with the defective refrigerators. In advance of issuing its owner notification letters, your company must submit a draft of its letter to NHTSA for review. Your company is reminded that this letter must meet the requirements of 49 CFR 577.5, "Notification pursuant to a manufacturer's decision." Your company is further reminded that notifications must be sent to those persons registered under State law as the owners of the vehicles. If particular owners cannot be reasonably ascertained by State records, notifications must be sent to those persons you identify as the most recent purchasers. We are also reminding your company that it is required to notify dealers and distributors as required by 49 CFR 577.13.

Please further note that you must file six quarterly recall status reports as required by 49 CFR 573.7. These reports are to be filed on consecutive yearly quarters beginning with the quarter in which notification to owners begins.

If your company has not received any of this equipment, or if your products are not available to be sold, offered for sale, delivered, or imported into the United States, please so state. If your company does not agree with Norcold that a defect exists in these refrigerators, you must submit a written response explaining your decision including all supporting documents, analysis, and/or test reports.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway

Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

Your company's written response must be submitted to this office within 10 days of receiving this letter. In your response, please be certain to include a reference to this matter's identification number which is EQ10-010.

If you have any questions concerning this matter, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov. Response submissions may be made by US Mail, fax (202) 366-7882, or e-mail rmd.odi@dot.gov.

Sincerely,

Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

10E-049
(8 pages)



October 7, 2010

Associate Administrator for Safety Assurance (NSA-01)
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Re. Norcold refrigerator model numbers; 1200AC, 1200ACIM, 1200LR, 1200LRIM, 1201LRIM, 1210AC, 1210ACIM, 1210, 1210IM and 1211IM

Dear Associate Administrator:

Norcold, Inc. manufactures gas absorption refrigerators which are sold for application in Recreational Vehicles ("RVs"). Norcold has voluntarily recalled models 1200AC, 1200ACIM, 1200LR, 1200LRIM, and 1201LRIM under previously issued NHTSA recalls identified as 02E-045, 08E-030, 09E-026 and 09E-027. These recalls covered cooling units installed on the 1200 series product manufactured from December 1996 up through December 2002. Recalls 08E-030, 09E-026 and 09E-027 involved the installation of a thermal switch on the cooling units manufactured from December 1996 through December 2002. With the action taken with this letter Norcold is voluntarily extending a recall of all 1200, 1201, 1210 and 1211 models to include units produced from January 1, 2003 to October 6, 2010.

The population of refrigerators being addressed contains either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. The defect being addressed is the response time of the sensing algorithm and the thermal switch. The remedy is to affix a thermocouple, with a faster response time, to all refrigerators equipped with a sensing algorithm or a thermal switch.

Therefore, the recall population will be extended to include all model 1200, 1201, 1210 and 1211 cooling units with serial numbers from 700000 to 13085759, non consecutively.

We are planning a vehicle safety recall campaign with respect to this entire population to notify OEMs, distributors, dealers, service centers and vehicle owners of the hazard and to offer a free remedy to prevent temperature elevation that could allow a fire, should this failure mode arise. As soon as the notification letters are prepared, which will be sent to the OEMs, distributors, dealers, service centers and vehicle owners regarding this additional safety recall we will submit them to you along with any other information needed to comply with NHTSA notification requirements. We expect to have parts available for this remedy work to begin in October of 2010.

Sincerely,

J. David Roberts

J. David Roberts
Vice President
Norcold, Inc.

Regional
23666 Cooper Drive
Elkhart, IN 46515
Phone: 219-266-6660
Fax: 219-266-6779

Headquarters
600 S. Kuther Road
P.O. Box 180
Sidney, OH 45365
Phone: 937-497-3080
General Fax: 937-497-3085
Administrative Fax: 937-497-3167

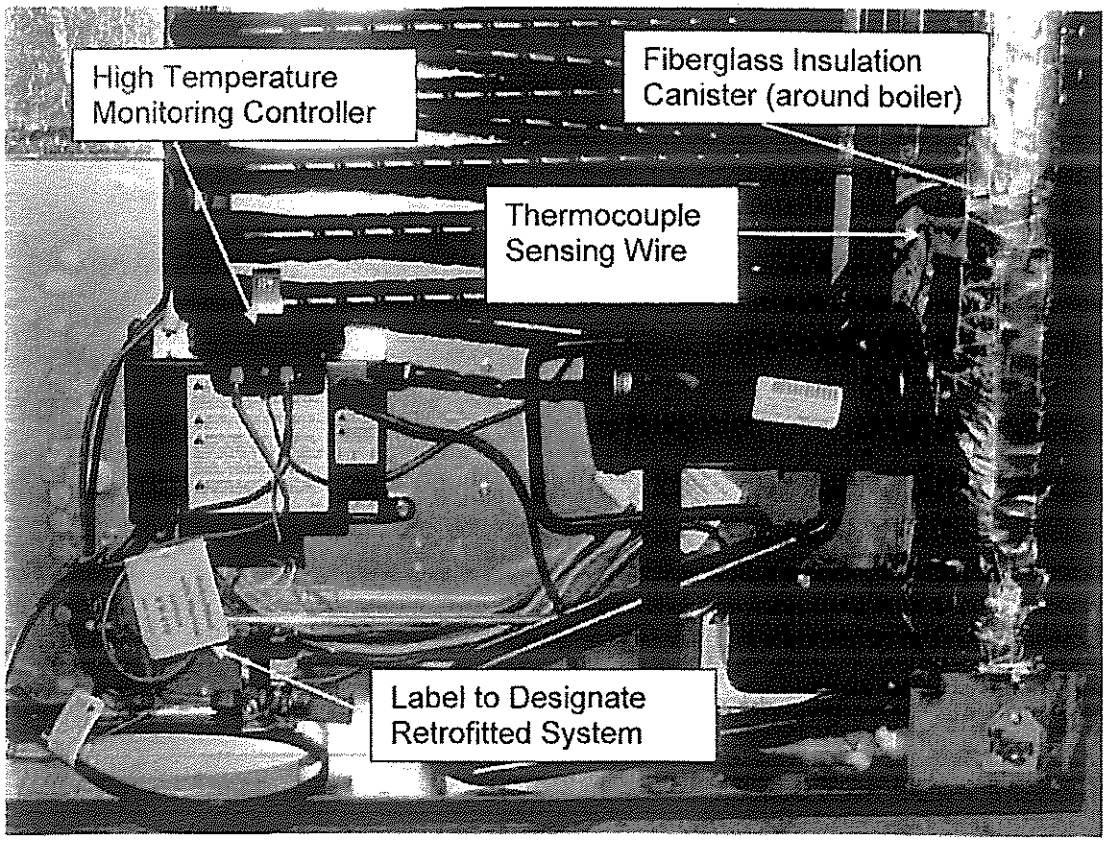
Gettysburg
1 Century Drive
Gettysburg, OH 45328
Phone: 937-447-2241
Fax: 937-497-3074

October 7, 2010

Information on the Recall Upgrade

Norcold is installing a thermocouple on all 1200LR, 1200LRIM, 1201LR, 1201LRIM, 1210 and 1210IM directly to the generator area of the cooling unit to detect abnormally high temperatures. When the thermocouple detects a generator operating at an unacceptably high temperature the contacts of the high temperature monitor open and disables all power sources for the refrigerator thereby preventing the generator temperature from climbing to a potentially dangerous level.

Norcold uses this same thermocouple and high temperature monitor in the manufacture of all new 1210 refrigerators. One refrigerator is illustrated below. By applying the same components to the older models in the recall program, the older cabinets are upgraded to the same level of safety as our current production models.



NORCOLD INC.

P.O. Box 1285
Ann Arbor, MI 48106
www.norcold.com

Service Kit
Ensemble de réparation
Juego de servicio

High Temperature Monitoring Control Kit 634737 For 1200, 1210 Series

Ensemble de commande de monitorage de haute température 634737 pour les séries 1200, 1210

Juego de control para monitoreo de alta temperatura 634737 para las series 1200 y 1210

Kit Contents :

- (1) Temperature Monitoring Control
- (1) Thermocouple (muffler clamp)
- (1) Insulation plug
- (1) Wire, +12V Out
- (1) Wire, +12V In
- (1) Ground Wire
- (1) Rework label
- (1) Limit In Wire
- (1) Limit Out Wire
- (1) Warranty Claim Card
- (1) Service Kit Literature

Tools Needed:

- Nut driver set
- Long Blade Razor Knife
- In Lb Torque Wrench
- 5/16" socket

Warning! The following procedure is to be performed by authorized service personnel only. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Note! Kit instructions are intended to be used with the support of the proper service manual.

Note! In the event that the rear of the unit is not accessable, refer to the owners manual for removal and installation procedure.

Purpose

To detect improper operation of the cooling unit by monitoring the surface temperature of the boiler. In the event an abnormally high temperature is detected, all heat source outputs to the cooling unit will be disabled. This condition is non resettable and must be serviced by an authorized service center.

Procedures

To install the kit, complete the steps in the order presented on the following pages.

L'ensemble contient :

- (1) Commande de monitorage de température
- (1) Thermocouple (bride de fixation)
- (1) Embout isolant
- (1) Fil, sortie +12V
- (1) Fil, entrée +12V
- (1) Fil de masse
- (1) Etiquette de réfection
- (1) Fil de limite d'entrée
- (1) Fil de limite de sortie
- (1) Carte de garantie
- (1) Documentation de l'ensemble de réparation

Outils requis :

- Jeu de tournevis à douille
- Couteau à lame longue
- Clé dynamométrique po / lb
- Douille 5/16 po

Avertissement! La procédure suivante ne doit être exécutée que par un technicien autorisé. Une installation, un ajustement, une modification, une réparation ou un entretien incorrects peuvent causer des blessures ou des dommages matériels.

Remarque! Les instructions de cet ensemble doivent être utilisées en complément du manuel d'entretien approprié.

Remarque! Si l'arrière de l'appareil n'est pas accessible, consultez le manuel de l'utilisateur pour connaître la procédure d'enlèvement et d'installation.

Usage

Détecter un fonctionnement incorrect de l'unité de refroidissement en surveillant la température de surface de la chaudière. Si une température anormalement élevée est détectée, toutes les sources de chaleur de l'unité de refroidissement seront désactivées. Cet état ne peut être suivi d'un réamorçage et doit être confié à un centre de service agréé.

Procédure

Pour installer l'ensemble, suivez les étapes présentées aux pages suivantes.

El juego contiene:

- (1) Control para monitoreo de temperatura
- (1) Termopar (abrazadera reguladora)
- (1) Tapón de aislamiento
- (1) Cable, para salida de +12 V
- (1) Cable, para entrada de +12 V
- (1) Cable de tierra
- (1) Etiqueta de retrabajo
- (1) Cable limitador de entrada
- (1) Cable limitador de salida
- (1) Tarjeta para reclamo de garantia
- (1) Información escrita sobre el juego de servicio

Herramientas necesarias:

- Juego de impulsores de tuercas
- Navaja de cuchilla larga
- Llave de torsión en pulg.-lb
- Dado de 5/16 pulg.

¡Advertencia! El siguiente procedimiento lo debe realizar únicamente el personal de servicio autorizado. Las alteraciones o los procedimientos incorrectos de instalación, ajuste, servicio o mantenimiento pueden causar lesiones o daños materiales.

¡Nota! Las instrucciones del juego están diseñadas para usarse con el respaldo del manual de servicio adecuado.

¡Nota! En caso de que la parte trasera de la unidad no esté accesible, consulte el procedimiento de retiro e instalación en el manual del propietario.

Propósito

Detectar el funcionamiento inadecuado de la unidad de enfriamiento al monitorear la temperatura superficial de la caldera. En caso de detectar una temperatura anormalmente alta, todas las salidas de la fuente de calor hacia la unidad de enfriamiento queda rán inhabilitadas. Esta condición no es reiniciable, y debe recibir servicio de un centro de servicio autorizado.

Procedimientos

Para instalar el juego, realice los pasos en el orden indicado en las páginas siguientes.

References

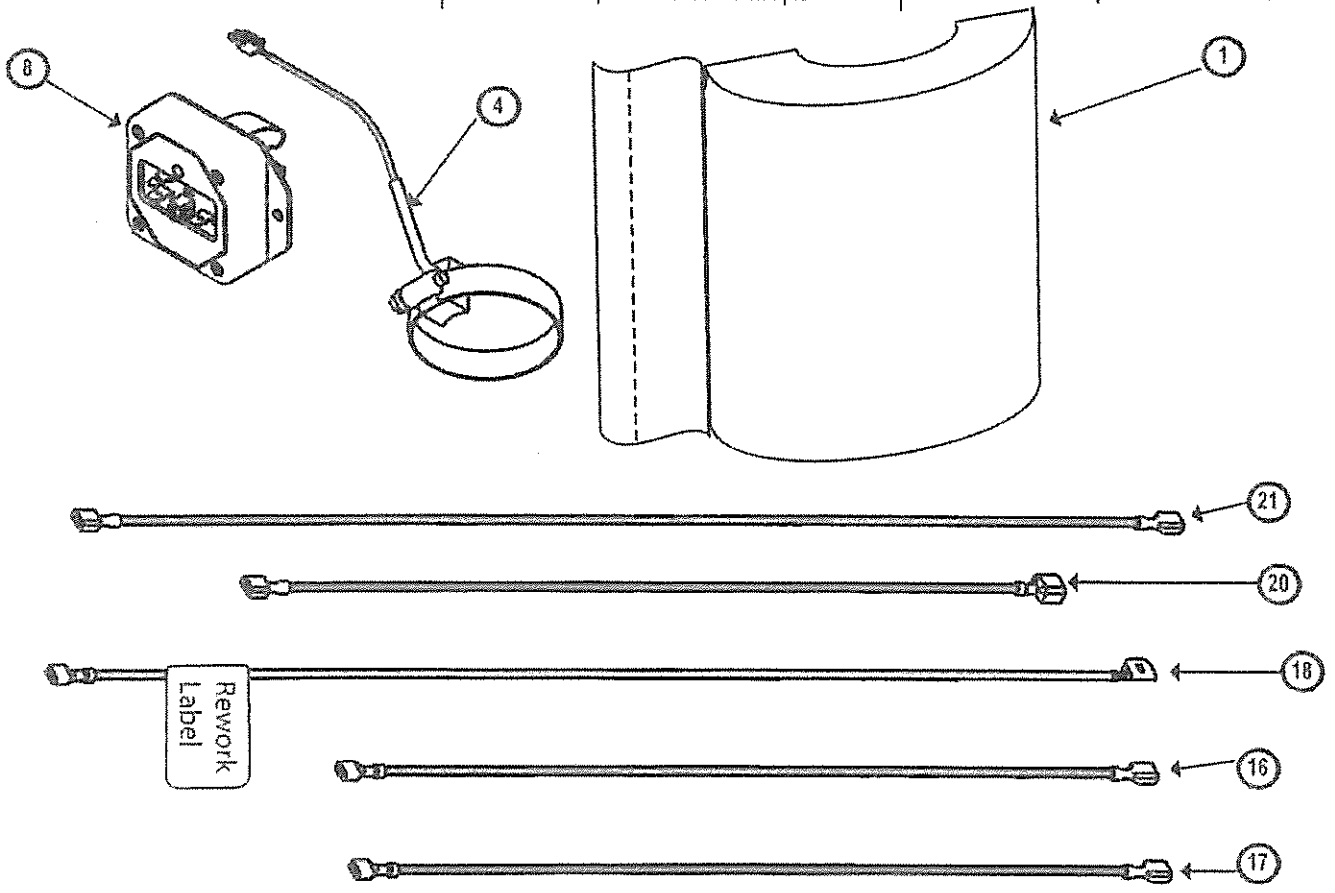
1. Insulation Plug (shown below)
2. Insulation
3. Burner Box
4. Thermocouple (shown below)
5. Heater Tubes
6. Boiler
7. Flue Tube
8. Temp Monitoring Control (shown below)
9. New Style Power Board
10. Old Style Power Board
11. Screws
12. Power Board Cover
13. Thermal Limit Switch
14. Jumper Wire
15. Power Board
16. 15" Blue Limit In Wire (shown below)
17. 15" Red Limit Out Wire (shown below)
18. 21" Green Wire (shown below)
19. Bottom Absorber Leg
20. 15" Red +12V In Wire Male/Female (shown below)
21. 21" Blue +12V Out Wire (shown below)
22. Vehicle Supply Wire 12V DC
23. Thermal Limit Switch Wires

Références

1. Embout isolant (illustré ci-dessous)
2. Isolant
3. Boîte de brûleur
4. Thermocouple (illustré ci-dessous)
5. Tuyaux de chauffage
6. Chaudière
7. Tube d'évacuation
8. Commande de monitorage de température (illustré ci-dessous)
9. Nouveau circuit d'alimentation
10. Ancien circuit d'alimentation
11. Vis
12. Couvercle du circuit d'alimentation
13. Interrupteur de limite thermique
14. Fil volant
15. Circuit d'alimentation
16. Fil de limite d'entrée bleu 38 cm (15 po) (illustré ci-dessous)
17. Fil de limite de sortie rouge 38 cm (15 po) (illustré ci-dessous)
18. Fil vert 53 cm (21 po) (illustré ci-dessous)
19. Pied amortisseur inférieur
20. Fil d'entrée rouge +12V de 38 cm (15 po) mâle / femelle (illustré ci-dessous)
21. Fil de sortie bleu +12V de 53 cm (21 po) (illustré ci-dessous)
22. Fil d'alimentation du véhicule 12V CC
23. Fils d'interrupteur de limite thermique

Referencias

1. Tapón de aislamiento (se muestra más abajo)
2. Aislamiento
3. Caja del quemador
4. Termopar (se muestra abajo)
5. Tubos del calefactor
6. Caldera
7. Tubo de humos
8. Control de monitoreo de temperatura (se muestra abajo)
9. Tablero eléctrico de estilo nuevo
10. Tablero eléctrico de estilo anterior
11. Tornillos
12. Cubierta del tablero eléctrico
13. Interruptor limitador térmico
14. Cable puente
15. Tablero eléctrico
16. Cable azul de límite de entrada de 38 cm (15 pulg.) (se muestra abajo)
17. Cable rojo de límite de salida de 38 cm (15 pulg.) (se muestra abajo)
18. Cable verde de 53 cm (21 pulg.) (se muestra abajo)
19. Pata de absorción inferior
20. Cable de entrada macho/hembra de +12 V color rojo y 38 cm (15 pulg.) (se muestra abajo)
21. Cable de salida de +12 V color azul y 53 cm (21 pulg.) (se muestra abajo)
22. Cable de alimentación del vehículo de 12 VCC
23. Cables del interruptor limitador térmico



Art02247

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

1 Attach Thermocouple / Installation du thermocouple / Fije el termopar

Note! Refer to page 2 for numbered call outs.

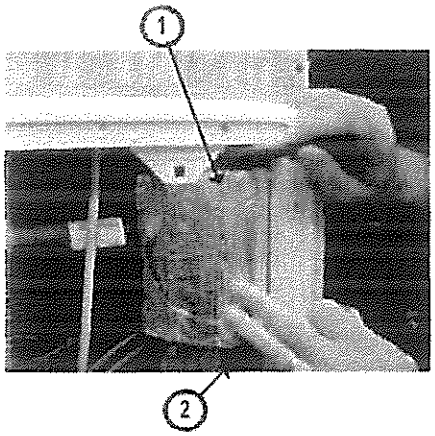
1. Position ① on ② 3" from top of ③ and mark guide lines on ②.
2. Cut ② along guide lines and remove cutout section.

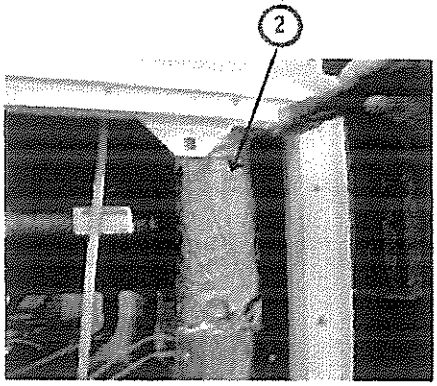
Remarque! Consultez la page 2 pour la nomenclature des pièces.

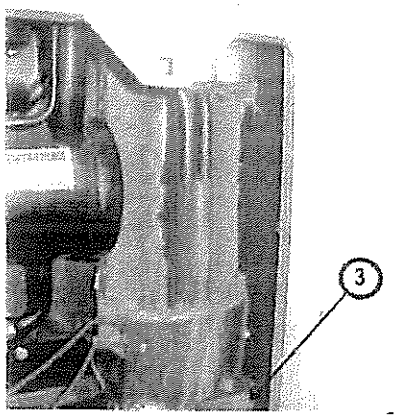
1. Placez ① sur ② à 7,6 cm (3 po) du haut de ③ et tracez des lignes de repère sur ②.
2. Coupez ② le long des lignes de repère et enlevez la section coupée.

¡Nota! Consulte la lista numerada de la página 2.

1. Coloque ① sobre el ② a 7.6 cm (3 pulg.) de la parte superior del ③ y marque las líneas guía en ②.
2. Corte el ② a lo largo de las líneas guía y retire la sección cortada.



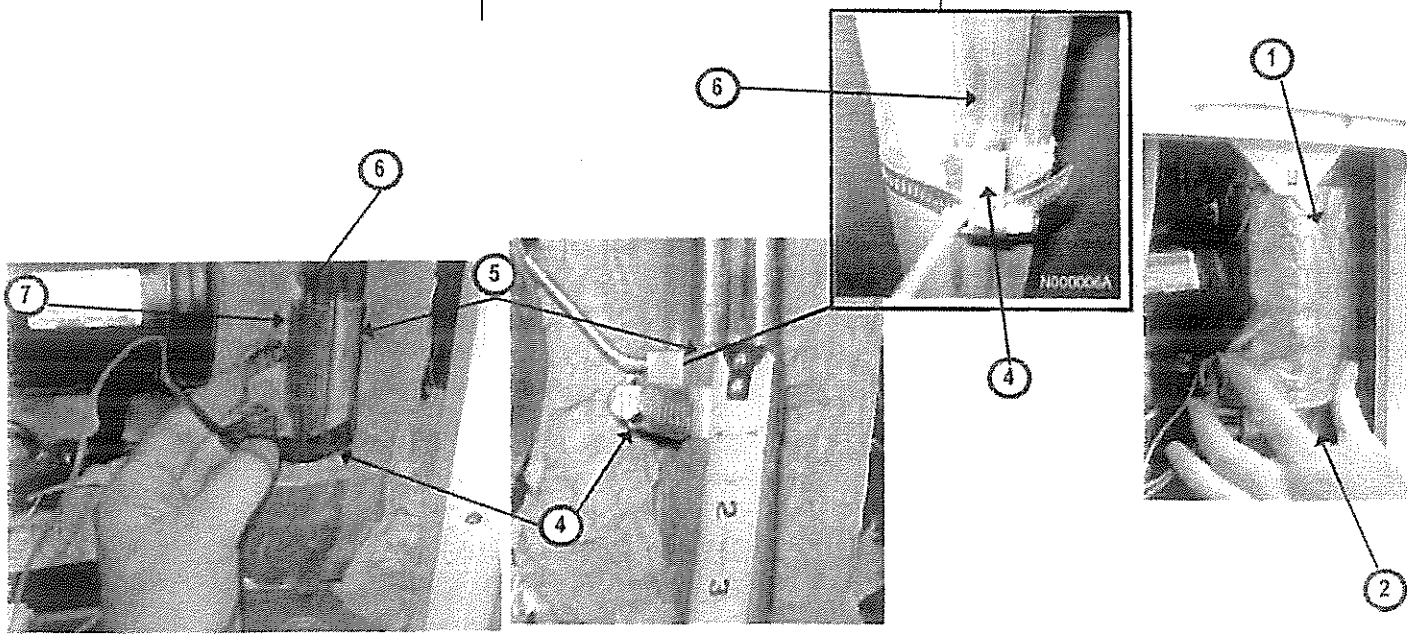




3. Position ④ around ⑤, ⑥ & ⑦ so the sensor is against ⑥ and is even with or within 1" of the top of ⑤.
4. Tighten ④. Torque to 23 in lb.
5. Position ① in cutout section of ② and secure with attached tape.

3. Positionnez ④ autour de ⑤, ⑥ et ⑦ de sorte que le capteur soit appuyé contre ⑥ et soit à égalité ou à moins de 2,5 cm (1 po) du haut de ⑤.
4. Serrez ④ à un couple de 23 po lb.
5. Positionnez ① dans la section découpée de ② et fixez le morceau avec du ruban.

3. Coloque el ④ alrededor de ⑤, ⑥ y ⑦, de tal manera que el sensor quede contra el ⑥ y a nivel o a menos de 2.5 cm (1 pulg.) de la parte superior de ⑤.
4. Apriete el ④ a 23 pulg.-lb.
5. Coloque el ① en la sección cortada de ② y asegure con la cinta anexa.



Questions?/Des questions?/¿Preguntas? 1-800-543-1219

2 Identify Power Board / Identification du circuit d'alimentation / Identifique el tablero eléctrico

Note! The high temperature monitoring kit can be wired two different ways. The wire connections depend on what power board is installed.

Note! Refer to page 2 for numbered call outs.

1. Identify power board
   - (9) = New Board (2 styles)
   - (10) = Old Board
2. If the unit is equipped with a new style power board (9) follow procedure 3a. If the unit is equipped with the old style power board (10) follow procedure 3b.

Remarque! L'ensemble de monitorage de haute température peut être connecté de deux façons différentes. Les connexions dépendent du type de circuit d'alimentation installé.

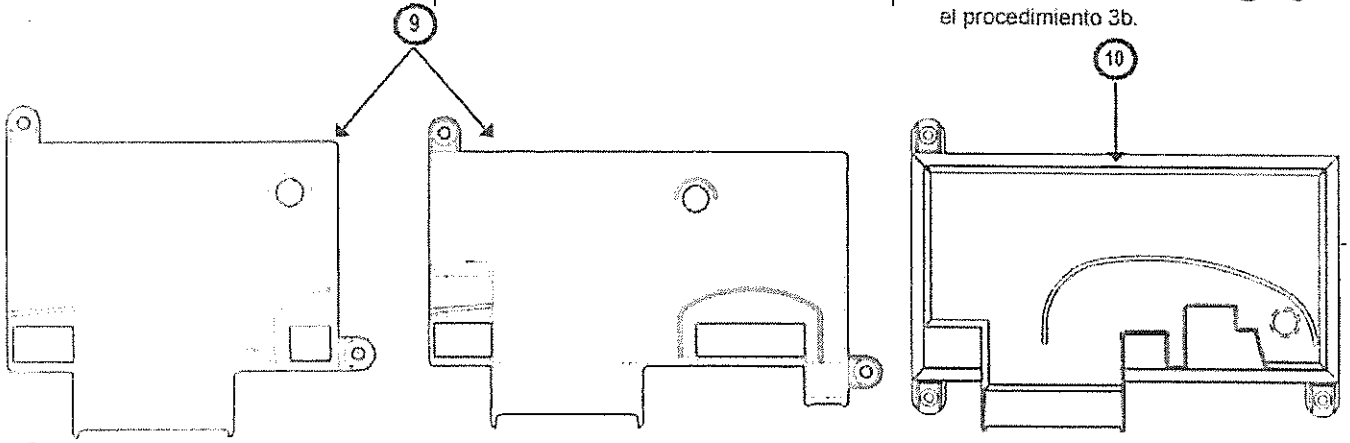
Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Identifiez le circuit d'alimentation
   - (9) = Nouveau circuit (2 styles)
   - (10) = Ancien circuit
2. Si l'appareil est muni de l'un des nouveaux circuits d'alimentation (9), suivez la procédure 3a. Si l'appareil est muni de l'ancien circuit d'alimentation (10), suivez la procédure 3b.

¡Nota! El juego de monitoreo de alta temperatura se puede cablear de dos maneras diferentes. Las conexiones de los cables dependen del tablero eléctrico que esté instalado.

¡Nota! Consulte la lista numerada de la página 2.

1. Identifique el tablero eléctrico.
   - (9) = Tablero nuevo (2 estilos)
   - (10) = Tablero anterior
2. Si la unidad está equipada con un tablero eléctrico con el estilo nuevo (9), siga el procedimiento 3a. Si la unidad está equipada con un tablero eléctrico con el estilo anterior (10), siga el procedimiento 3b.



3a Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3a) is for units equipped with the new style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Unplug AC power cord from RV receptacle.
2. Disconnect AC power cord from (9).
3. Disconnect DC input wires from (9).
4. Disconnect ignitor wire from (9).
5. Remove (11) x2 and (12).
6. If equipped with (13) disconnect and discard (23) x 2.
7. If not equipped with (13) disconnect and discard (14) from terminals Limit_In and Limit_Out on (15).

Remarque! Cette procédure (3a) convient uniquement à un appareil muni d'un nouveau circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Débranchez le cordon d'alimentation CA de la prise du véhicule récréatif.
2. Débranchez le cordon d'alimentation CA de (9).
3. Débranchez les fils d'entrée CC de (9).
4. Débranchez le fil d'allumage de (9).
5. Enlevez deux (11) et le (12).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Si l'appareil n'est pas muni de (13), débranchez et jetez (14) des bornes de limite d'entrée (Limit_In) et de limite de sortie (Limit_Out) sur (15).

¡Nota! Este procedimiento (3a) es únicamente para unidades equipadas con el tablero eléctrico con el estilo nuevo.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

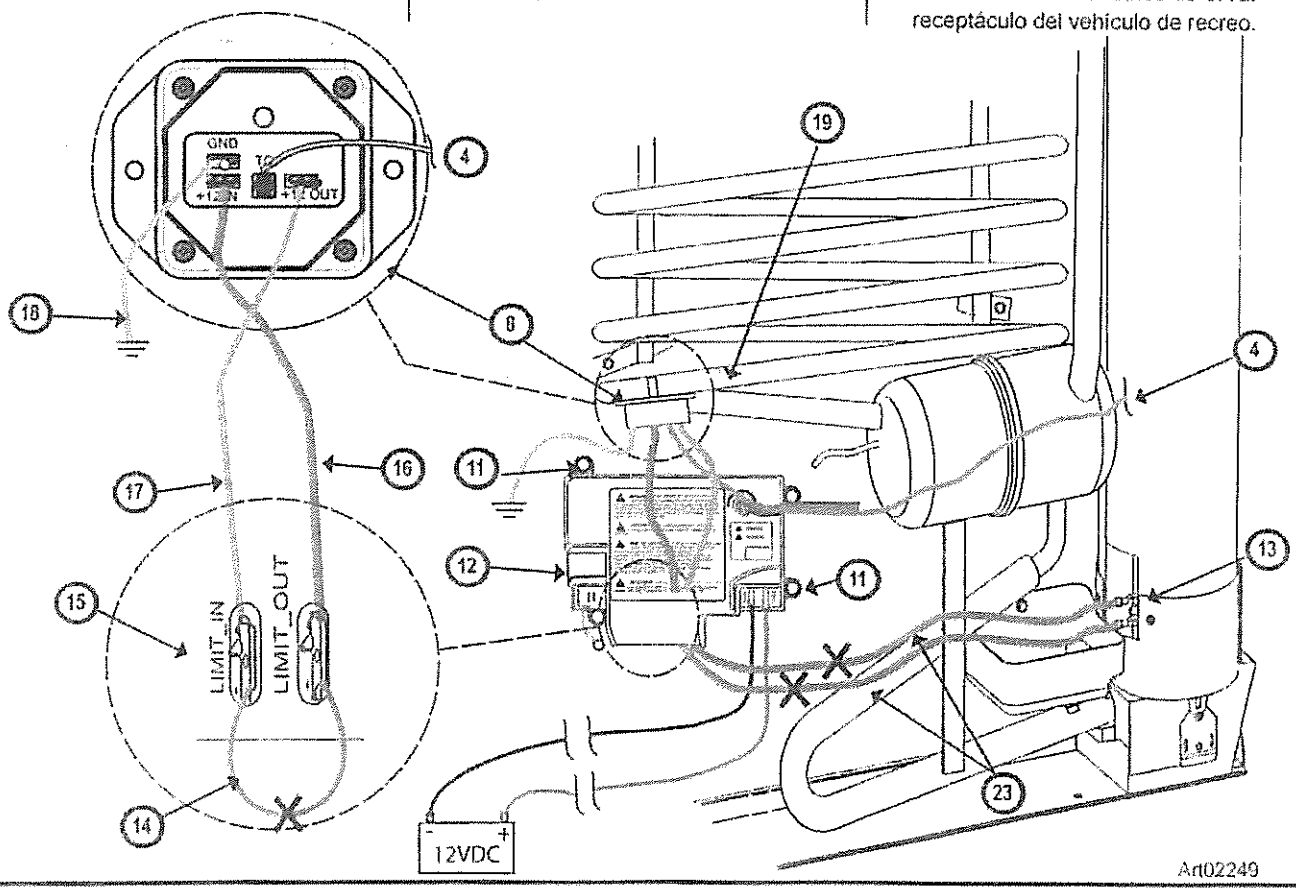
¡Nota! Consulte la lista numerada de la página 2.

1. Desconecte el cable eléctrico de CA del receptáculo del vehículo de recreo.
2. Desconecte el cable eléctrico de CA de (9).
3. Desconecte los cables de entrada de CC de (9).
4. Desconecte el cable de encendido de (9).
5. Retire dos (11) y el (12).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Si no está equipado con (13), desconecte y deseche (14) de las terminales de límite de entrada y límite de salida en (15).

8. Connect .250" end of (16) to terminal +12V Out on (8)
9. Connect .187" end of (16) to terminal Limit_In on (15).
10. Connect .250" end of (17) wire to terminal +12V In on (8)
11. Connect .187" end of (17) to terminal Limit_Out on (15)
12. Install (12) and (11) x2.
13. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
14. Connect connector from (4) to connector on (8).
15. Clip (8) to (19).
16. Connect ignitor wire to (9).
17. Connect DC input wires to (9).
18. Connect AC power cord to (9).
19. Plug AC power cord into RV receptacle.

8. Connectez l'extrémité de 6,35 mm (0,250 po) de (16) à la borne de sortie +12V de (8).
9. Connectez l'extrémité de 4,75 mm (0,187 po) de (16) à la borne de limite d'entrée (Limit_In) de (15).
10. Connectez l'extrémité de 6,35 mm (0,250 po) de (17) à la borne +12V de (8).
11. Connectez l'extrémité de 4,75 mm (0,187 po) de (17) à la borne de limite de sortie (Limit_Out) de (15).
12. Installez (12) et deux (11).
13. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
14. Raccordez le connecteur de (4) au connecteur de (8).
15. Fixez (8) sur (19).
16. Branchez le fil d'allumage sur (9).
17. Branchez les fils d'entrée CC de (9).
18. Branchez le cordon d'alimentation CA sur (9).
19. Branchez le cordon d'alimentation CA dans la prise du véhicule récréatif.

8. Conecte el extremo de 6.35 mm (0.25 pulg.) de (16) a la salida de +12 V de la terminal en (8).
9. Conecte el extremo de 4.75 mm (0.187 pulg.) a la entrada limitadora de la terminal en (15).
10. Conecte el extremo de 6.35 mm (0.25 pulg.) del cable (17) a la entrada de +12 V de la terminal en (8).
11. Conecte el extremo de 4.75 mm (0.187 pulg.) (17) a la salida limitadora de la terminal en (15).
12. Instale (12) y dos (11).
13. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
14. Conecte el conector de (4) al conector en (8).
15. Sujete el (8) al (19).
16. Conecte el cable del encendedor a (9).
17. Conecte los cables de entrada de CC a (9).
18. Conecte el cable eléctrico de CA a (9).
19. Conecte el cable eléctrico de CA al receptáculo del vehículo de recreo.



Note! This procedure (3b) is for units equipped with the old style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Connect female end of (20) to terminal +12V IN on (8).
2. Connect one end of (21) to terminal +12V Out on (8).
3. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
4. Connect connector from (4) to connector on (8).
5. Clip (8) to (19).
6. If equipped with (13) disconnect and discard (23) x 2.
7. Connect male end of (20) to (22).
8. Connect other end of (21) to terminal 12VDC on (15).

Remarque! Cette procédure (3b) convient uniquement à un appareil muni d'un ancien circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

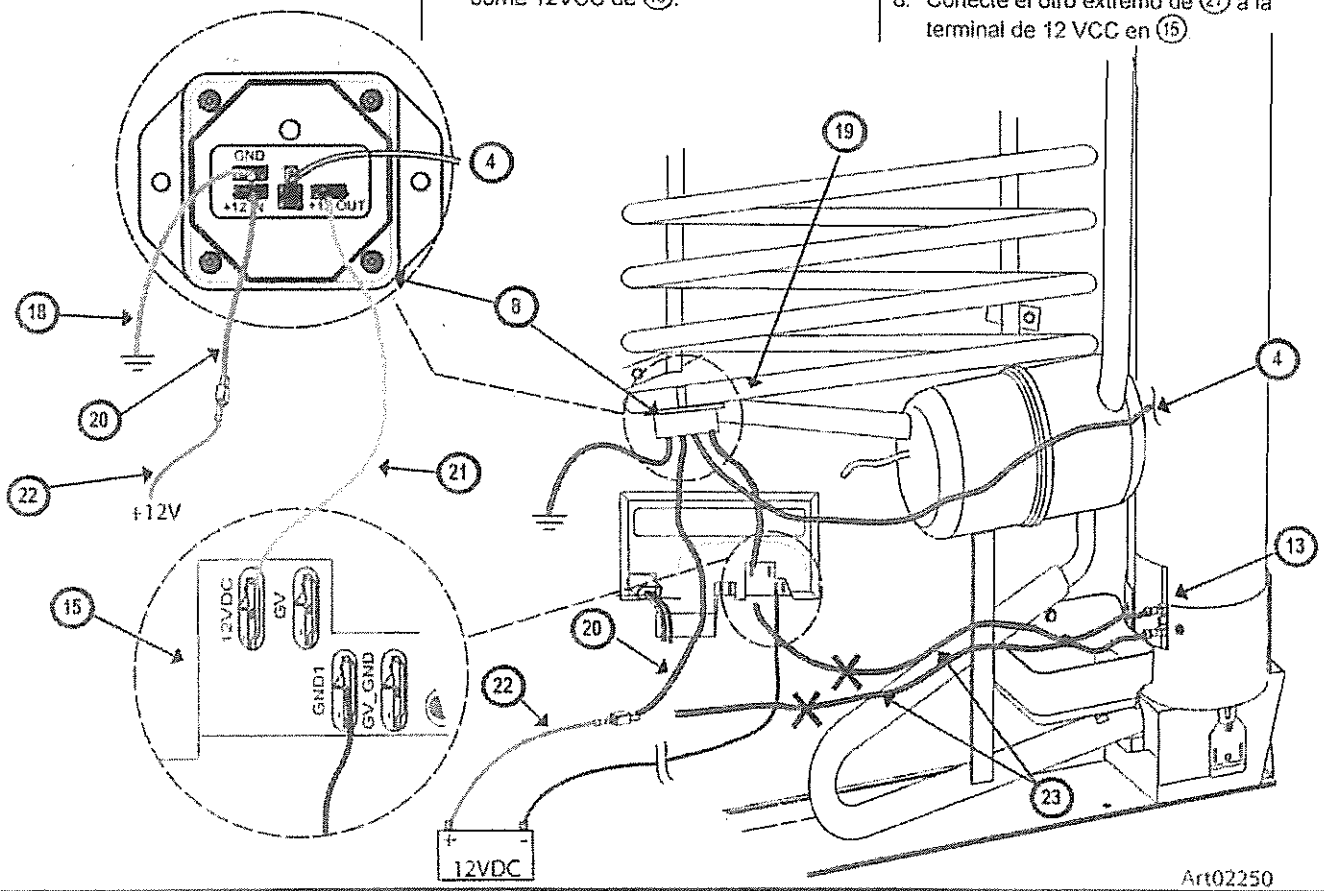
1. Connectez l'extrémité femelle de (20) à la borne d'entrée +12V (+12V IN) de (8).
2. Connectez une extrémité de (21) à la borne de sortie +12V (+12V Out) de (8).
3. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
4. Raccordez le connecteur de (4) au connecteur de (8).
5. Fixez (8) sur (19).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Connectez l'extrémité mâle de (20) sur (22).
8. Connectez l'autre extrémité de (21) à la borne 12VCC de (15).

¡Nota! Este procedimiento (3b) es únicamente para unidades equipadas con el tablero eléctrico con el estilo anterior.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

1. Conecte el extremo hembra de (20) a la terminal de +12 V en (8).
2. Conecte un extremo de (21) a la terminal de salida de +12 V en (8).
3. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
4. Conecte el conector de (4) al conector en (8).
5. Sujete el (8) al (19)
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Conecte el extremo macho de (20) a (22).
8. Conecte el otro extremo de (21) a la terminal de 12 VCC en (15).



Art02250

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

AUG 0 8 2011

Via Certified Mail
President / Chief Counsel
Nashville Coach Inc.
7454 Old Hickory Blvd.
Whites Creek, TN 37189

NVS-215aa
EQ10-010
10E-049

Subject: Second Request for Information- Response Required

Dear Sir or Madam:

On January 13, 2011, we wrote to your company as part of an ongoing investigation being conducted by the National Highway Traffic Safety Administration (NHTSA) about a safety issue involving certain 1200 series refrigerators that were manufactured by Norcold, Inc. (Norcold) and sold to your company for further installation into motor vehicles. Your company's response to that letter was due to NHTSA within 10 days of receipt. At this time, we have not received your response.

A copy of our original letter is enclosed with this letter.

This letter is being sent in order to remind your company that it must respond to the earlier letter and that your company may have additional obligations under Federal law as we explained in the earlier letter.

A written response to our earlier letter must be submitted to this office within 7 days of your receipt of this letter. Response submission may be made by US Mail to the address listed therein, fax to (202) 366-7882, or e-mail rmd.odi@dot.gov.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to

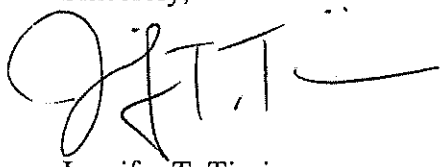
be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to $6,000 per day, with a maximum of $17,350,000 for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 CFR 578.6 (as amended by 75 Fed. Reg. 79978 (Dec. 21, 2010)). This includes failing to respond to ODI information requests.

I urge your company to comply with this information request in order to ensure that these important issues relating to motor vehicle safety are promptly addressed, and in order to avoid a potential enforcement action against the company in addition to substantial penalties for its failure to respond to an inquiry issued during an official investigation.

Should you have any questions regarding this inquiry, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov.

Sincerely,



Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Nashville Coach Inc.
7454 Old Hickory Blvd.
Whites Creek, TN 37189

Attn: **Warranty / Compliance Division**

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) D. Gooch

C. Date of Delivery 1/18/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

Article Number
(Transfer from service label) 7008 1830 0001 4173 4338

Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

JAN 13 2011

1200 New Jersey Avenue SE
Washington, DC 20590

Via USPS Certified Mail
Nashville Coach Inc.
Warranty / Compliance Division
7454 Old Hickory Blvd.
Whites Creek, TN 37189

NVS-215aa
EQ10-010
10E-049

Re: Safety Recall 10E-049

Dear Sir or Madam:

The purpose of this letter is to make you aware of a potential safety problem in vehicles that you manufactured and to remind you of your responsibilities under Federal law. We also request a written response from your company upon processing the required information outlined below.

The Office of Defects Investigation (ODI), Recall Management Division (RMD) is conducting an equipment query (EQ) investigation in relation to certain Norcold brand refrigerators that the manufacturer has decided contain a safety related defect that could cause a vehicle fire. This investigation has been assigned the identification EQ10-010.

In a letter dated October 7, 2010, Norcold, Inc. (Norcold) notified the NHTSA that it had decided certain 1200 series refrigerators, manufactured between January 1, 2003, and October 6, 2006, contain a safety related defect. Norcold stated that certain refrigerators contain either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. Norcold intends to install a thermocouple to improve the response time of this high temperature detection and further reduce the possibility of fire within these units. Should a fire occur within a refrigerator installed into a recreational vehicle, both personal injury and property damage are possible. NHTSA assigned recall number 10E-049 to this matter. Copies of the respective notifications are enclosed for your information.

Norcold listed Nashville Coach Inc. (your company) as a purchaser of 12 of these defective refrigerators.

Pursuant to Federal law, manufacturers of motor vehicles sold, offered for sale, delivered, or imported into the United States must notify NHTSA, within five (5) business days, when they first learn a safety defect or a noncompliance with a Federal Motor Vehicle Safety Standard exists in one of their vehicles. In the case of a defect or noncompliance in original equipment installed in the vehicles of more than one manufacturer, notification to NHTSA must be made by the original equipment manufacturer as to the equipment item, and by each vehicle manufacturer as to those vehicles it manufactured in which the defective equipment

was installed. The content of that notification is specified in 49 U.S.C. 573.6, Defect and Noncompliance Information Report. As of this date, we have not received the required report from your company.

This letter serves to remind you of your company's responsibilities, and to request that you make a timely defect decision and supply the requisite Defect Information Report. Guidance is provided in the following paragraphs to assist you in determining whether or not you are required to file a report. If you are required to file a report, please provide the information required by 49 CFR 573.6. Detailed information about that report follows. Additionally, please include the date on which you received notification of this matter from Norcold.

Please Note: A person/company that *alters* new vehicles with the installation of these refrigerators may also be required to file a Defect Information Report with NHTSA. Should this equipment be installed on a vehicle that is then sold to the first retail purchaser, a Defect Information Report will be required. Should you have any questions regarding your company's obligations in this matter, please contact Alex Ansley of NHTSA RMD at (202) 493-0481 or alexander.ansley@dot.gov.

In view of this fire risk, and your company's obligations under Federal law, we are also reminding your company that it is required to issue timely notification to owners who may have purchased vehicles with the defective refrigerators. In advance of issuing its owner notification letters, your company must submit a draft of its letter to NHTSA for review. Your company is reminded that this letter must meet the requirements of 49 CFR 577.5, "Notification pursuant to a manufacturer's decision." Your company is further reminded that notifications must be sent to those persons registered under State law as the owners of the vehicles. If particular owners cannot be reasonably ascertained by State records, notifications must be sent to those persons you identify as the most recent purchasers. We are also reminding your company that it is required to notify dealers and distributors as required by 49 CFR 577.13.

Please further note that you must file six quarterly recall status reports as required by 49 CFR 573.7. These reports are to be filed on consecutive yearly quarters beginning with the quarter in which notification to owners begins.

If your company has not received any of this equipment, or if your products are not available to be sold, offered for sale, delivered, or imported into the United States, please so state. If your company does not agree with Norcold that a defect exists in these refrigerators, you must submit a written response explaining your decision including all supporting documents, analysis, and/or test reports.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway

Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

Your company's written response must be submitted to this office within 10 days of receiving this letter. In your response, please be certain to include a reference to this matter's identification number which is EQ10-010.

If you have any questions concerning this matter, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov. Response submissions may be made by US Mail, fax (202) 366-7882, or e-mail rmd.odi@dot.gov.

Sincerely,

Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

10E-049
(8 pages)



October 7, 2010

Associate Administrator for Safety Assurance (NSA-01)
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Re: Norcold refrigerator model numbers; 1200AC, 1200ACIM, 1200LR, 1200LRIM, 1201LRIM, 1210AC, 1210ACIM, 1210, 1210IM and 1211IM

Dear Associate Administrator:

Norcold, Inc. manufactures gas absorption refrigerators which are sold for application in Recreational Vehicles ("RVs"). Norcold has voluntarily recalled models 1200AC, 1200ACIM, 1200LR, 1200LRIM, and 1201LRIM under previously issued NHTSA recalls identified as 02E-045, 08E-030, 09E-026 and 09E-027. These recalls covered cooling units installed on the 1200 series product manufactured from December 1996 up through December 2002. Recalls 08E-030, 09E-026 and 09E-027 involved the installation of a thermal switch on the cooling units manufactured from December 1996 through December 2002. With the action taken with this letter Norcold is voluntarily extending a recall of all 1200, 1201, 1210 and 1211 models to include units produced from January 1, 2003 to October 6, 2010.

The population of refrigerators being addressed contains either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. The defect being addressed is the response time of the sensing algorithm and the thermal switch. The remedy is to affix a thermocouple, with a faster response time, to all refrigerators equipped with a sensing algorithm or a thermal switch.

Therefore, the recall population will be extended to include all model 1200, 1201, 1210 and 1211 cooling units with serial numbers from 700000 to 13085759, non consecutively.

We are planning a vehicle safety recall campaign with respect to this entire population to notify OEMs, distributors, dealers, service centers and vehicle owners of the hazard and to offer a free remedy to prevent temperature elevation that could allow a fire, should this failure mode arise. As soon as the notification letters are prepared, which will be sent to the OEMs, distributors, dealers, service centers and vehicle owners regarding this additional safety recall we will submit them to you along with any other information needed to comply with NHTSA notification requirements. We expect to have parts available for this remedy work to begin in October of 2010.

Sincerely,

J. David Roberts

J. David Roberts
Vice President
Norcold, Inc.

Regional
23666 Cooper Drive
Elkhart, IN 46515
Phone: 219-266-6660
Fax: 219-266-5779

Headquarters
600 S. Kuther Road
P.O. Box 180
Sidney, OH 45365
Phone: 937-497-3080
General Fax: 937-497-3085
Administrative Fax: 937-497-3167

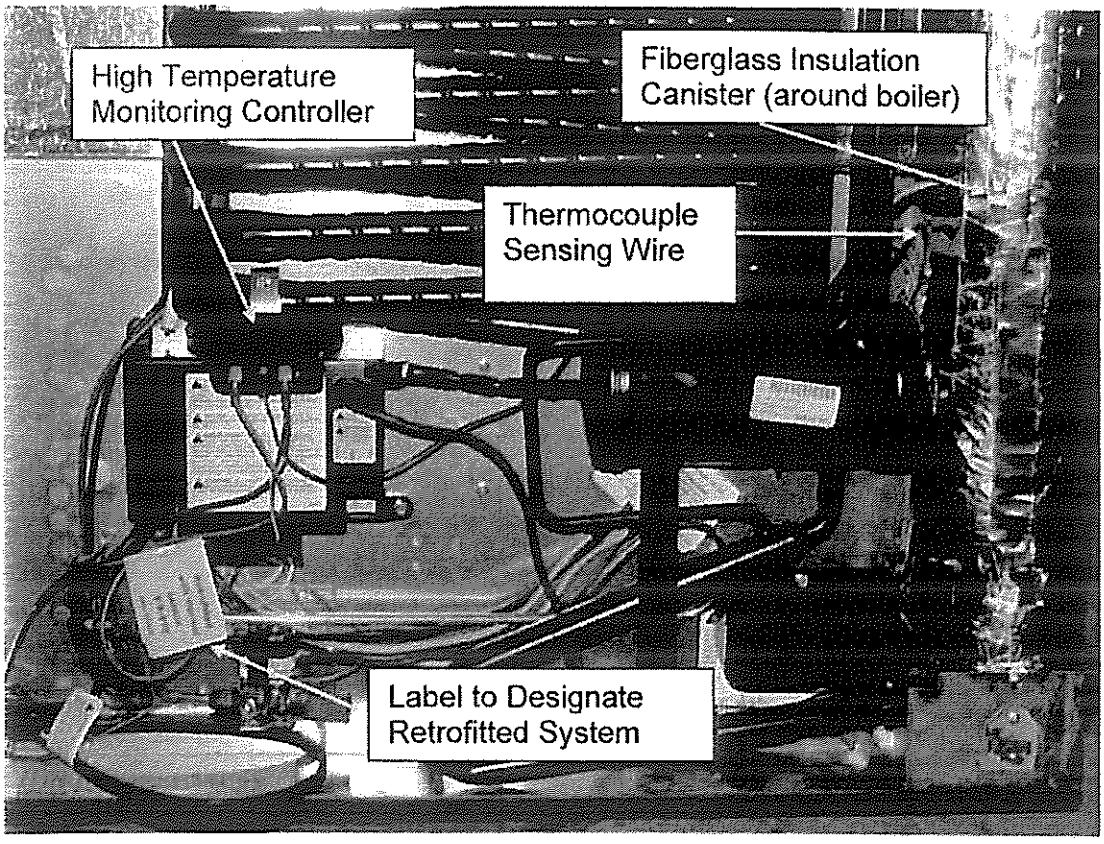
Gettysburg
1 Century Drive
Gettysburg, OH 45328
Phone: 937-447-2241
Fax: 937-497-3074

October 7, 2010

Information on the Recall Upgrade

Norcold is installing a thermocouple on all 1200LR, 1200LRIM, 1201LR, 1201LRIM, 1210 and 1210IM directly to the generator area of the cooling unit to detect abnormally high temperatures. When the thermocouple detects a generator operating at an unacceptably high temperature the contacts of the high temperature monitor open and disables all power sources for the refrigerator thereby preventing the generator temperature from climbing to a potentially dangerous level.

Norcold uses this same thermocouple and high temperature monitor in the manufacture of all new 1210 refrigerators. One refrigerator is illustrated below. By applying the same components to the older models in the recall program, the older cabinets are upgraded to the same level of safety as our current production models.



NORCOLD INC.
P.O. Box 1285
Ann Arbor, MI 48106
www.norcold.com

Service Kit
Ensemble de réparation
Juego de servicio

High Temperature Monitoring Control Kit 634737 For 1200, 1210 Series

Ensemble de commande de monitorage de haute température 634737 pour les séries 1200, 1210

Juego de control para monitoreo de alta temperatura 634737 para las series 1200 y 1210

Kit Contents :

- (1) Temperature Monitoring Control
- (1) Thermocouple (muffler clamp)
- (1) Insulation plug
- (1) Wire, +12V Out
- (1) Wire, +12V In
- (1) Ground Wire
- (1) Rework label
- (1) Limit In Wire
- (1) Limit Out Wire
- (1) Warranty Claim Card
- (1) Service Kit Literature

Tools Needed:

- Nut driver set
- Long Blade Razor Knife
- In Lb Torque Wrench
- 5/16" socket

Warning! The following procedure is to be performed by authorized service personnel only. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Note! Kit instructions are intended to be used with the support of the proper service manual.

Note! In the event that the rear of the unit is not accessable, refer to the owners manual for removal and installation procedure.

Purpose

To detect improper operation of the cooling unit by monitoring the surface temperature of the boiler. In the event an abnormally high temperature is detected, all heat source outputs to the cooling unit will be disabled. This condition is non resettable and must be serviced by an authorized service center.

Procedures

To install the kit, complete the steps in the order presented on the following pages.

L'ensemble contient :

- (1) Commande de monitorage de température
- (1) Thermocouple (bride de fixation)
- (1) Embout isolant
- (1) Fil, sortie +12V
- (1) Fil, entrée +12V
- (1) Fil de masse
- (1) Etiquette de réfection
- (1) Fil de limite d'entrée
- (1) Fil de limite de sortie
- (1) Carte de garantie
- (1) Documentation de l'ensemble de réparation

Outils requis :

- Jeu de tournevis à douille
- Couteau à lame longue
- Clé dynamométrique po / lb
- Douille 5/16 po

Avertissement! La procédure suivante ne doit être exécutée que par un technicien autorisé. Une installation, un ajustement, une modification, une réparation ou un entretien incorrects peuvent causer des blessures ou des dommages matériels.

Remarque! Les instructions de cet ensemble doivent être utilisées en complément du manuel d'entretien approprié.

Remarque! Si l'arrière de l'appareil n'est pas accessible, consultez le manuel de l'utilisateur pour connaitre la procédure d'enlèvement et d'installation.

Usage

Détecter un fonctionnement incorrect de l'unité de refroidissement en surveillant la température de surface de la chaudière. Si une température anormalement élevée est détectée, toutes les sources de chaleur de l'unité de refroidissement seront désactivées. Cet état ne peut être suivi d'un réamorçage et doit être confié à un centre de service agréé.

Procédure

Pour installer l'ensemble, suivez les étapes présentées aux pages suivantes.

El juego contiene:

- (1) Control para monitoreo de temperatura
- (1) Termopar (abrazadera reguladora)
- (1) Tapón de aislamiento
- (1) Cable, para salida de +12 V
- (1) Cable, para entrada de +12 V
- (1) Cable de tierra
- (1) Etiqueta de retrabajo
- (1) Cable limitador de entrada
- (1) Cable limitador de salida
- (1) Tarjeta para reclamo de garantia
- (1) Información escrita sobre el juego de servicio

Herramientas necesarias:

- Juego de impulsores de tuercas
- Navaja de cuchilla larga
- Llave de torsión en pulg.-lb
- Dado de 5/16 pulg.

¡Advertencia! El siguiente procedimiento lo debe realizar únicamente el personal de servicio autorizado. Las alteraciones o los procedimientos incorrectos de instalación, ajuste, servicio o mantenimiento pueden causar lesiones o daños materiales.

¡Nota! Las instrucciones del juego están diseñadas para usarse con el respaldo del manual de servicio adecuado.

¡Nota! En caso de que la parte trasera de la unidad no esté accesible, consulte el procedimiento de retiro e instalación en el manual del propietario.

Propósito

Detectar el funcionamiento inadecuado de la unidad de enfriamiento al monitorear la temperatura superficial de la caldera. En caso de detectar una temperatura anormalmente alta, todas las salidas de la fuente de calor hacia la unidad de enfriamiento queda rán inhabilitadas. Esta condición no es reiniciable, y debe recibir servicio de un centro de servicio autorizado.

Procedimientos

Para instalar el juego, realice los pasos en el orden indicado en las páginas siguientes.

Part No. 634683 (09-24-10)

References

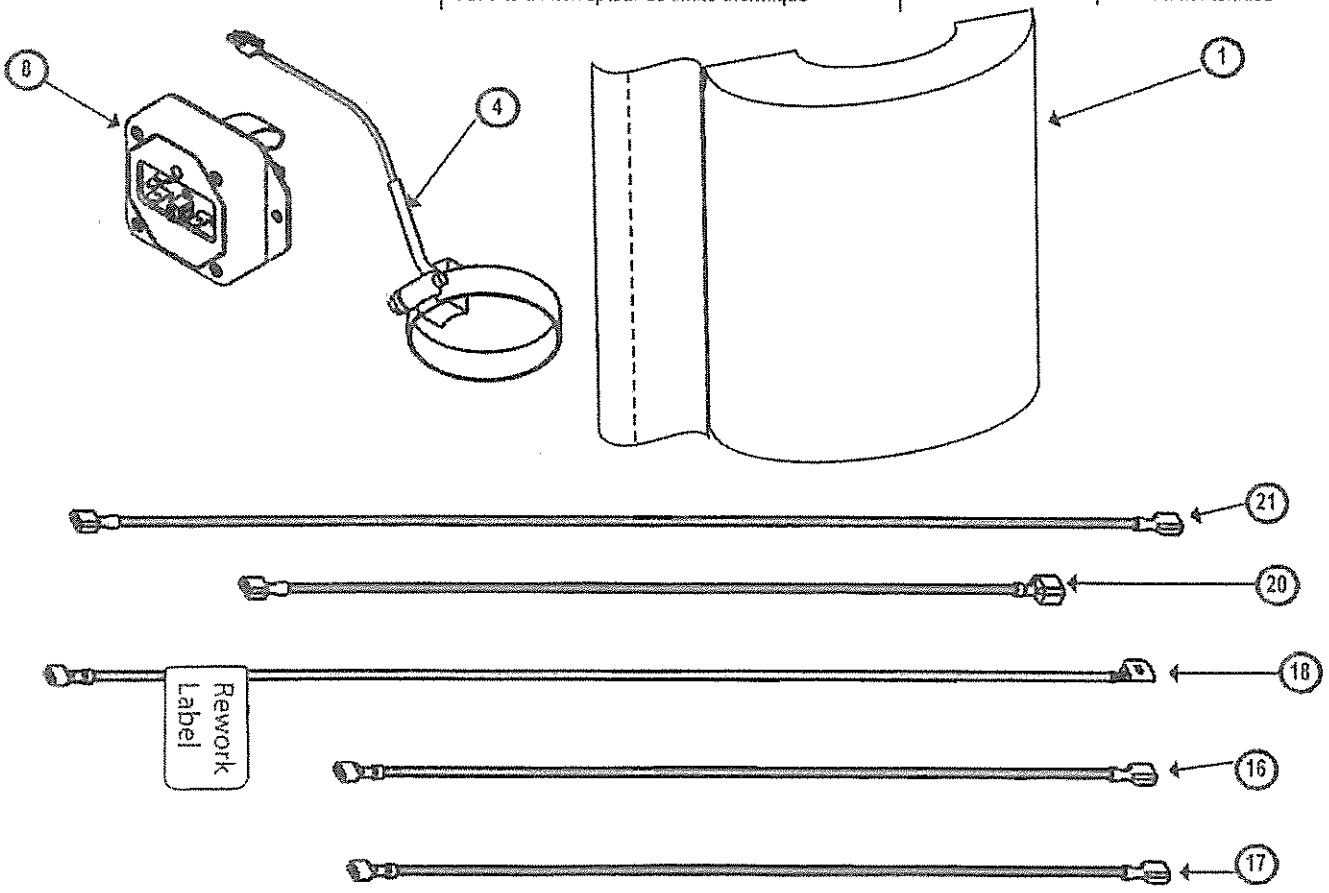
1. Insulation Plug (shown below)
2. Insulation
3. Burner Box
4. Thermocouple (shown below)
5. Heater Tubes
6. Boiler
7. Flue Tube
8. Temp Monitoring Control (shown below)
9. New Style Power Board
10. Old Style Power Board
11. Screws
12. Power Board Cover
13. Thermal Limit Switch
14. Jumper Wire
15. Power Board
16. 15" Blue Limit In Wire (shown below)
17. 15" Red Limit Out Wire (shown below)
18. 21" Green Wire (shown below)
19. Bottom Absorber Leg
20. 15" Red +12V In Wire Male/Female (shown below)
21. 21" Blue +12V Out Wire (shown below)
22. Vehicle Supply Wire 12V DC
23. Thermal Limit Switch Wires

Références

1. Embout isolant (illustré ci-dessous)
2. Isolant
3. Boîte de brûleur
4. Thermocouple (illustré ci-dessous)
5. Tuyaux de chauffage
6. Chaudière
7. Tube d'évacuation
8. Commande de monitorage de température (illustré ci-dessous)
9. Nouveau circuit d'alimentation
10. Ancien circuit d'alimentation
11. Vis
12. Couvercle du circuit d'alimentation
13. Interrupteur de limite thermique
14. Fil volant
15. Circuit d'alimentation
16. Fil de limite d'entrée bleu 38 cm (15 po) (illustré ci-dessous)
17. Fil de limite de sortie rouge 38 cm (15 po) (illustré ci-dessous)
18. Fil vert 53 cm (21 po) (illustré ci-dessous)
19. Pied amortisseur inférieur
20. Fil d'entrée rouge +12V de 38 cm (15 po) mâle / femelle (illustré ci-dessous)
21. Fil de sortie bleu +12V de 53 cm (21 po) (illustré ci-dessous)
22. Fil d'alimentation du véhicule 12V CC
23. Fils d'interrupteur de limite thermique

Referencias

1. Tapón de aislamiento (se muestra más abajo)
2. Aislamiento
3. Caja del quemador
4. Termopar (se muestra abajo)
5. Tubos del calefactor
6. Caldera
7. Tubo de humos
8. Control de monitoreo de temperatura (se muestra abajo)
9. Tablero eléctrico de estilo nuevo
10. Tablero eléctrico de estilo anterior
11. Tornillos
12. Cubierta del tablero eléctrico
13. Interruptor limitador térmico
14. Cable puente
15. Tablero eléctrico
16. Cable azul de límite de entrada de 38 cm (15 pulg.) (se muestra abajo)
17. Cable rojo de límite de salida de 38 cm (15 pulg.) (se muestra abajo)
18. Cable verde de 53 cm (21 pulg.) (se muestra abajo)
19. Pata de absorción inferior
20. Cable de entrada macho/hembra de +12 V color rojo y 38 cm (15 pulg.) (se muestra abajo)
21. Cable de salida de +12 V color azul y 53 cm (21 pulg.) (se muestra abajo)
22. Cable de alimentación del vehículo de 12 VCC
23. Cables del interruptor limitador térmico



Art02247

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

1 Attach Thermocouple / Installation du thermocouple / Fije el termopar

Note! Refer to page 2 for numbered call outs.

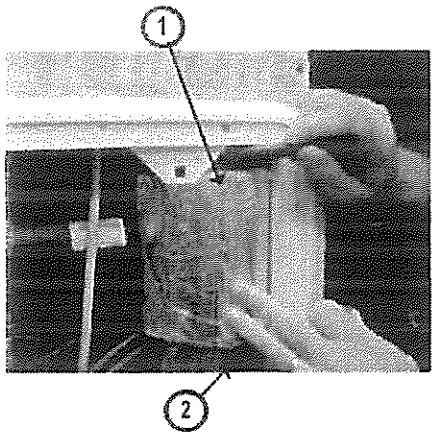
1. Position ① on ② 3" from top of ③ and mark guide lines on ②.
2. Cut ② along guide lines and remove cutout section.

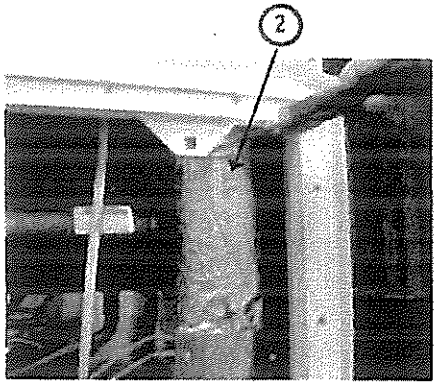
Remarque! Consultez la page 2 pour la nomenclature des pièces.

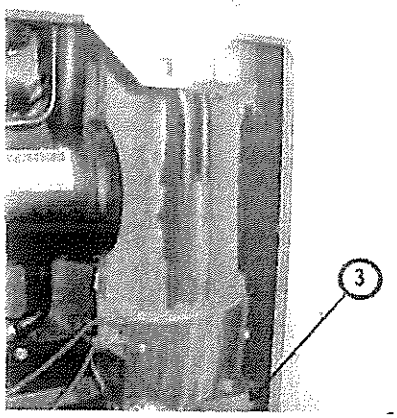
1. Placez ① sur ② à 7,6 cm (3 po) du haut de ③ et tracez des lignes de repère sur ②.
2. Coupez ② le long des lignes de repère et enlevez la section coupée.

¡Nota! Consulte la lista numerada de la página 2.

1. Coloque ① sobre el ② a 7,6 cm (3 pulg.) de la parte superior del ③ y marque las líneas guía en ②.
2. Corte el ② a lo largo de las líneas guía y retire la sección cortada.



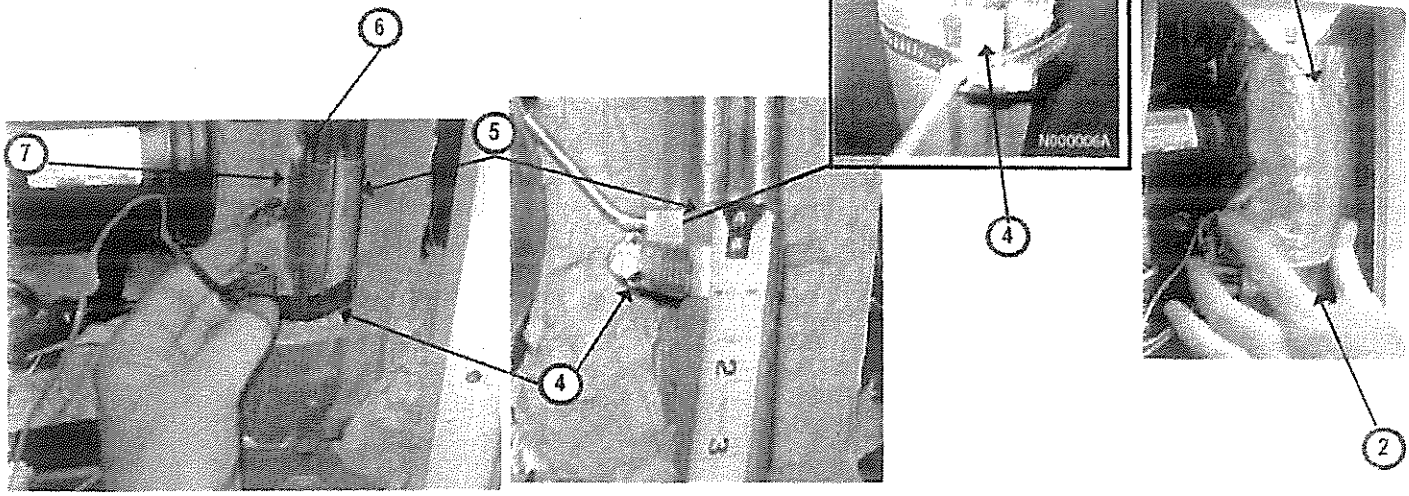




3. Position ④ around ⑤, ⑥ & ⑦ so the sensor is against ⑥ and is even with or within 1" of the top of ⑤.
4. Tighten ④. Torque to 23 in lb.
5. Position ① in cutout section of ② and secure with attached tape.

3. Positionnez ④ autour de ⑤, ⑥ et ⑦ de sorte que le capteur soit appuyé contre ⑥ et soit à égalité ou à moins de 2,5 cm (1 po) du haut de ⑤.
4. Serrez ④ à un couple de 23 po lb.
5. Positionnez ① dans la section découpée de ② et fixez le morceau avec du ruban.

3. Coloque el ④ alrededor de ⑤, ⑥ y ⑦, de tal manera que el sensor quede contra el ⑥ y a nivel o a menos de 2.5 cm (1 pulg.) de la parte superior de ⑤.
4. Apriete el ④ a 23 pulg.-lb.
5. Coloque el ① en la sección cortada de ② y asegure con la cinta anexa.



Questions?/Des questions?/¿Preguntas? 1-800-543-1219

2 Identify Power Board / Identification du circuit d'alimentation / Identifique el tablero eléctrico

Note! The high temperature monitoring kit can be wired two different ways. The wire connections depend on what power board is installed.

Note! Refer to page 2 for numbered call outs.

1. Identify power board
   - (9) = New Board (2 styles)
   - (10) = Old Board
2. If the unit is equipped with a new style power board (9) follow procedure 3a. If the unit is equipped with the old style power board (10) follow procedure 3b.

Remarque! L'ensemble de monitorage de haute température peut être connecté de deux façons différentes. Les connexions dépendent du type de circuit d'alimentation installé.

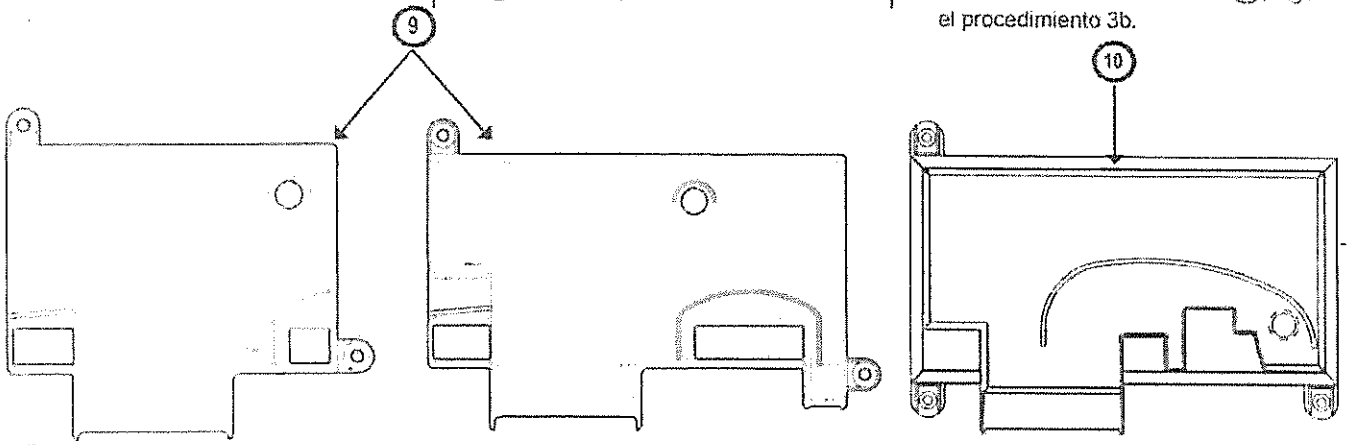
Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Identifiez le circuit d'alimentation
   - (9) = Nouveau circuit (2 styles)
   - (10) = Ancien circuit
2. Si l'appareil est muni de l'un des nouveaux circuits d'alimentation (9), suivez la procédure 3a. Si l'appareil est muni de l'ancien circuit d'alimentation (10), suivez la procédure 3b.

¡Nota! El juego de monitoreo de alta temperatura se puede cablear de dos maneras diferentes. Las conexiones de los cables dependen del tablero eléctrico que esté instalado.

¡Nota! Consulte la lista numerada de la página 2.

1. Identifique el tablero eléctrico.
   - (9) = Tablero nuevo (2 estilos)
   - (10) = Tablero anterior
2. Si la unidad está equipada con un tablero eléctrico con el estilo nuevo (9), siga el procedimiento 3a. Si la unidad está equipada con un tablero eléctrico con el estilo anterior (10), siga el procedimiento 3b.



3a Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3a) is for units equipped with the new style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Unplug AC power cord from RV receptacle.
2. Disconnect AC power cord from (9).
3. Disconnect DC input wires from (9).
4. Disconnect ignitor wire from (9).
5. Remove (11) x2 and (12).
6. If equipped with (13) disconnect and discard (23) x 2.
7. If not equipped with (13) disconnect and discard (14) from terminals Limit_In and Limit_Out on (15).

Remarque! Cette procèdure (3a) convient uniquement à un appareil muni d'un nouveau circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Débranchez le cordon d'alimentation CA de la prise du véhicule récréatif.
2. Débranchez le cordon d'alimentation CA de (9).
3. Débranchez les fils d'entrée CC de (9).
4. Débranchez le fil d'allumage de (9).
5. Enlevez deux (11) et le (12).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Si l'appareil n'est pas muni de (13), débranchez et jetez (14) des bornes de limite d'entrée (Limit_In) et de limite de sortie (Limit_Out) sur (15).

¡Nota! Este procedimiento (3a) es únicamente para unidades equipadas con el tablero eléctrico con el estilo nuevo.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

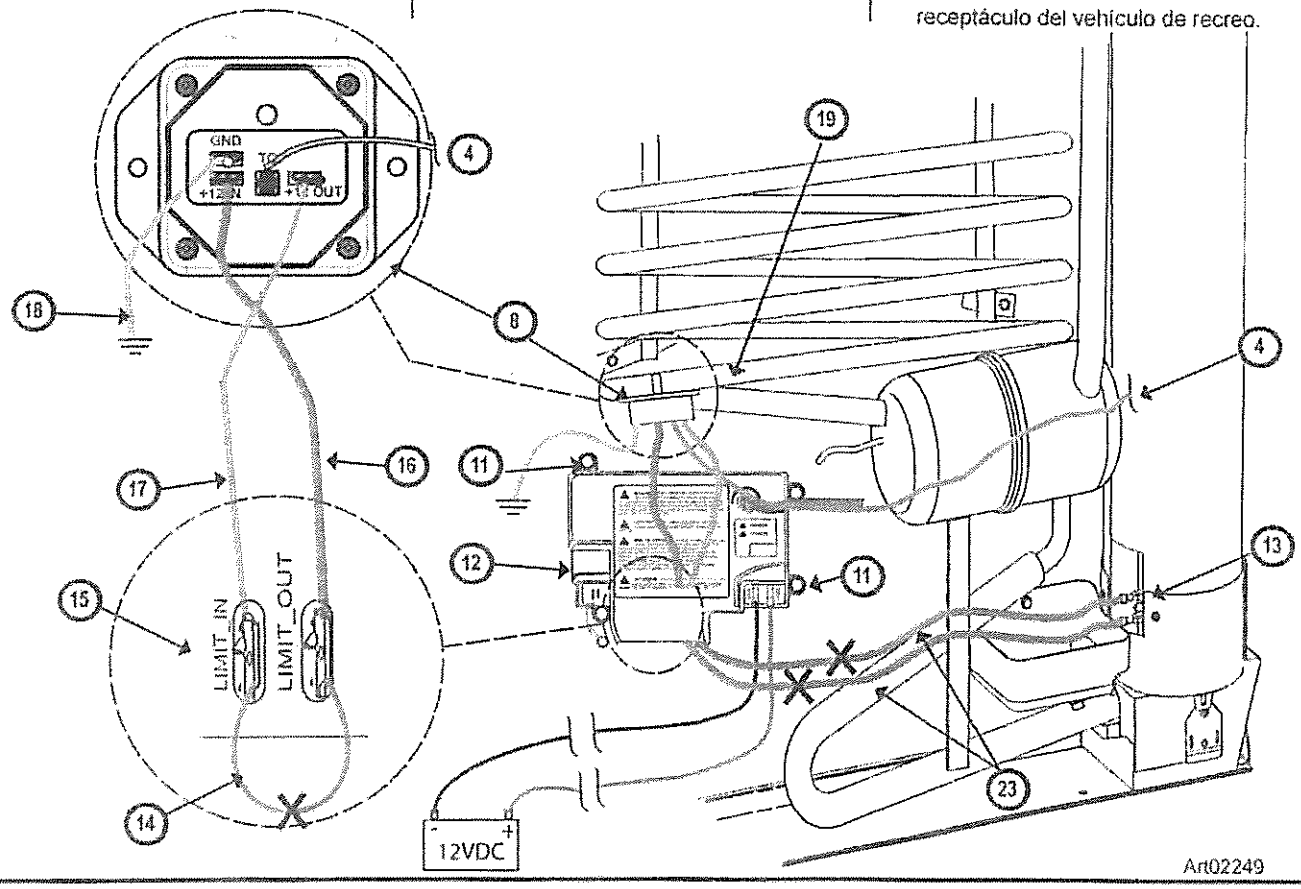
¡Nota! Consulte la lista numerada de la página 2.

1. Desconecte el cable eléctrico de CA del receptáculo del vehículo de recreo.
2. Desconecte el cable eléctrico de CA de (9).
3. Desconecte los cables de entrada de CC de (9).
4. Desconecte el cable de encendido de (9).
5. Retire dos (11) y el (12).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Si no está equipado con (13), desconecte y deseche (14) de las terminales de límite de entrada y límite de salida en (15).

8. Connect .250" end of (16) to terminal +12V Out on (8)
9. Connect .187" end of (16) to terminal Limit_In on (15).
10. Connect .250" end of (17) wire to terminal +12V In on (8)
11. Connect .187" end of (17) to terminal Limit_Out on (15).
12. Install (12) and (11) x2.
13. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
14. Connect connector from (4) to connector on (8).
15. Clip (8) to (19).
16. Connect ignitor wire to (9).
17. Connect DC input wires to (9).
18. Connect AC power cord to (9).
19. Plug AC power cord into RV receptacle.

8. Connectez l'extrémité de 6,35 mm (0,250 po) de (16) à la borne de sortie +12V de (8).
9. Connectez l'extrémité de 4,75 mm (0,187 po) de (16) à la borne de limite d'entrée (Limit_In) de (15).
10. Connectez l'extrémité de 6,35 mm (0,250 po) de (17) à la borne +12V de (8).
11. Connectez l'extrémité de 4,75 mm (0,187 po) de (17) à la borne de limite de sortie (Limit_Out) de (15).
12. Installez (12) et deux (11).
13. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
14. Raccordez le connecteur de (4) au connecteur de (8).
15. Fixez (8) sur (19).
16. Branchez le fil d'allumage sur (9).
17. Branchez les fils d'entrée CC de (9).
18. Branchez le cordon d'alimentation CA sur (9).
19. Branchez le cordon d'alimentation CA dans la prise du véhicule récréatif.

8. Conecte el extremo de 6.35 mm (0.25 pulg.) de (16) a la salida de +12 V de la terminal en (8).
9. Conecte el extremo de 4.75 mm (0.187 pulg.) a la entrada limitadora de la terminal en (15).
10. Conecte el extremo de 6.35 mm (0.25 pulg.) del cable (17) a la entrada de +12 V de la terminal en (8).
11. Conecte el extremo de 4.75 mm (0.187 pulg.) (17) a la salida limitadora de la terminal en (15).
12. Instale (12) y dos (11).
13. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
14. Conecte el conector de (4) al conector en (8).
15. Sujete el (8) al (19).
16. Conecte el cable del encendedor a (9).
17. Conecte los cables de entrada de CC a (9).
18. Conecte el cable eléctrico de CA a (9).
19. Conecte el cable eléctrico de CA al receptáculo del vehículo de recreo.



Note! This procedure (3b) is for units equipped with the old style power board only

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Connect female end of (20) to terminal +12V IN on (6).
2. Connect one end of (21) to terminal +12V Out on (8).
3. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
4. Connect connector from (4) to connector on (8).
5. Clip (8) to (19).
6. If equipped with (13) disconnect and discard (23) x 2.
7. Connect male end of (20) to (22).
8. Connect other end of (21) to terminal 12VDC on (15).

Remarque! Cette procédure (3b) convient uniquement à un appareil muni d'un ancien circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

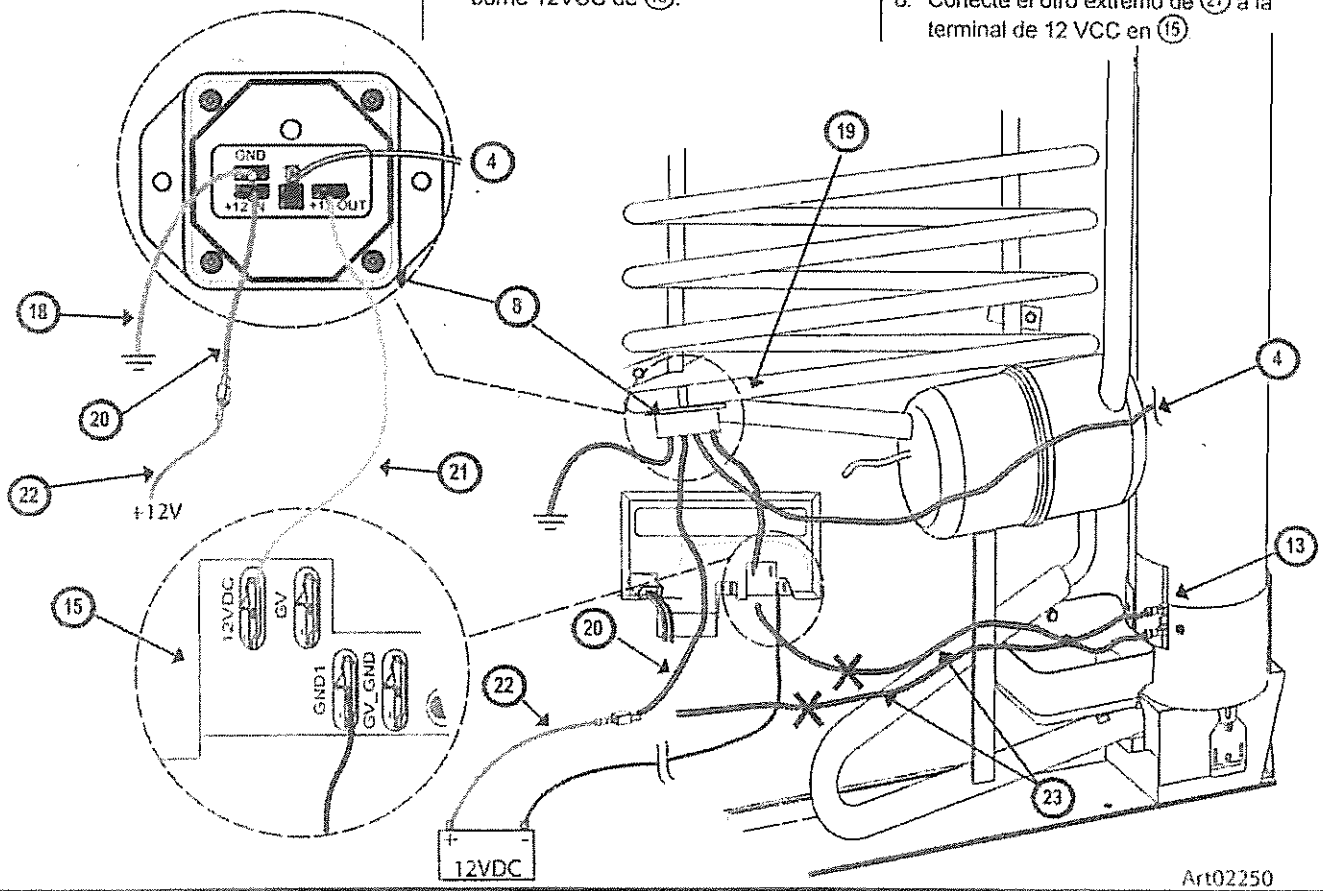
1. Connectez l'extrémité femelle de (20) à la borne d'entrée +12V (+12V IN) de (6).
2. Connectez une extrémité de (21) à la borne de sortie +12V (+12V Out) de (8).
3. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
4. Raccordez le connecteur de (4) au connecteur de (8).
5. Fixez (8) sur (19).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Connectez l'extrémité mâle de (20) sur (22).
8. Connectez l'autre extrémité de (21) à la borne 12VCC de (15).

¡Nota! Este procedimiento (3b) es únicamente para unidades equipadas con el tablero eléctrico con el estilo anterior.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

1. Conecte el extremo hembra de (20) a la terminal de +12 V en (6).
2. Conecte un extremo de (21) a la terminal de salida de +12 V en (8).
3. Conecte el extremo de 4,75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
4. Conecte el conector de (4) al conector en (8).
5. Sujete el (8) al (19).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Conecte el extremo macho de (20) a (22).
8. Conecte el otro extremo de (21) a la terminal de 12 VCC en (15).



Art02250

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

AUG 0 8 2011

Via Certified Mail
President / Chief Counsel
Rexhall Industries
46147 Seventh St W
Lancaster, CA 93534

NVS-215aa
EQ10-010
10E-049

Subject: Second Request for Information- Response Required

Dear Sir or Madam:

On January 13, 2011, we wrote to your company as part of an ongoing investigation being conducted by the National Highway Traffic Safety Administration (NHTSA) about a safety issue involving certain 1200 series refrigerators that were manufactured by Norcold, Inc. (Norcold) and sold to your company for further installation into motor vehicles. Your company's response to that letter was due to NHTSA within 10 days of receipt. At this time, we have not received your response.

A copy of our original letter is enclosed with this letter.

This letter is being sent in order to remind your company that it must respond to the earlier letter and that your company may have additional obligations under Federal law as we explained in the earlier letter.

A written response to our earlier letter must be submitted to this office within 7 days of your receipt of this letter. Response submission may be made by US Mail to the address listed therein, fax to (202) 366-7882, or e-mail rmd.odi@dot.gov.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to

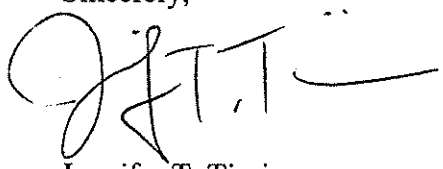
be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to $6,000 per day, with a maximum of $17,350,000 for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 CFR 578.6 (as amended by 75 Fed. Reg. 79978 (Dec. 21, 2010)). This includes failing to respond to ODI information requests.

I urge your company to comply with this information request in order to ensure that these important issues relating to motor vehicle safety are promptly addressed, and in order to avoid a potential enforcement action against the company in addition to substantial penalties for its failure to respond to an inquiry issued during an official investigation.

Should you have any questions regarding this inquiry, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov.

Sincerely,



Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Rexhall Industries
46147 Seventh St W
Lancaster, CA 93534

Attn: **Warranty / Compliance Division**

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) N GONZALEZ | C. Date of Delivery 1/18

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

Article Number *(Transfer from service label)* 7008 1830 0001 4173 4414

Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

JAN 13 2011

Via USPS Certified Mail
Rexhall Industries
Warranty / Compliance Division
46147 Seventh St W
Lancaster, CA 93534

NVS-215aa
EQ10-010
10E-049

Re: Safety Recall 10E-049

Dear Sir or Madam:

The purpose of this letter is to make you aware of a potential safety problem in vehicles that you manufactured and to remind you of your responsibilities under Federal law. We also request a written response from your company upon processing the required information outlined below.

The Office of Defects Investigation (ODI), Recall Management Division (RMD) is conducting an equipment query (EQ) investigation in relation to certain Norcold brand refrigerators that the manufacturer has decided contain a safety related defect that could cause a vehicle fire. This investigation has been assigned the identification EQ10-010.

In a letter dated October 7, 2010, Norcold, Inc. (Norcold) notified the NHTSA that it had decided certain 1200 series refrigerators, manufactured between January 1, 2003, and October 6, 2006, contain a safety related defect. Norcold stated that certain refrigerators contain either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. Norcold intends to install a thermocouple to improve the response time of this high temperature detection and further reduce the possibility of fire within these units. Should a fire occur within a refrigerator installed into a recreational vehicle, both personal injury and property damage are possible. NHTSA assigned recall number 10E-049 to this matter. Copies of the respective notifications are enclosed for your information.

Norcold listed Rexhall Industries (your company) as a purchaser of 54 of these defective refrigerators.

Pursuant to Federal law, manufacturers of motor vehicles sold, offered for sale, delivered, or imported into the United States must notify NHTSA, within five (5) business days, when they first learn a safety defect or a noncompliance with a Federal Motor Vehicle Safety Standard exists in one of their vehicles. In the case of a defect or noncompliance in original equipment installed in the vehicles of more than one manufacturer, notification to NHTSA must be made by the original equipment manufacturer as to the equipment item, and by each vehicle manufacturer as to those vehicles it manufactured in which the defective equipment

was installed. The content of that notification is specified in 49 U.S.C. 573.6, Defect and Noncompliance Information Report. As of this date, we have not received the required report from your company.

This letter serves to remind you of your company's responsibilities, and to request that you make a timely defect decision and supply the requisite Defect Information Report. Guidance is provided in the following paragraphs to assist you in determining whether or not you are required to file a report. If you are required to file a report, please provide the information required by 49 CFR 573.6. Detailed information about that report follows. Additionally, please include the date on which you received notification of this matter from Norcold.

Please Note: A person/company that *alters* new vehicles with the installation of these refrigerators may also be required to file a Defect Information Report with NHTSA. Should this equipment be installed on a vehicle that is then sold to the first retail purchaser, a Defect Information Report will be required. Should you have any questions regarding your company's obligations in this matter, please contact Alex Ansley of NHTSA RMD at (202) 493-0481 or alexander.ansley@dot.gov.

In view of this fire risk, and your company's obligations under Federal law, we are also reminding your company that it is required to issue timely notification to owners who may have purchased vehicles with the defective refrigerators. In advance of issuing its owner notification letters, your company must submit a draft of its letter to NHTSA for review. Your company is reminded that this letter must meet the requirements of 49 CFR 577.5, "Notification pursuant to a manufacturer's decision." Your company is further reminded that notifications must be sent to those persons registered under State law as the owners of the vehicles. If particular owners cannot be reasonably ascertained by State records, notifications must be sent to those persons you identify as the most recent purchasers. We are also reminding your company that it is required to notify dealers and distributors as required by 49 CFR 577.13.

Please further note that you must file six quarterly recall status reports as required by 49 CFR 573.7. These reports are to be filed on consecutive yearly quarters beginning with the quarter in which notification to owners begins.

If your company has not received any of this equipment, or if your products are not available to be sold, offered for sale, delivered, or imported into the United States, please so state. If your company does not agree with Norcold that a defect exists in these refrigerators, you must submit a written response explaining your decision including all supporting documents, analysis, and/or test reports.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway

Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

Your company's written response must be submitted to this office within 10 days of receiving this letter. In your response, please be certain to include a reference to this matter's identification number which is EQ10-010.

If you have any questions concerning this matter, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov. Response submissions may be made by US Mail, fax (202) 366-7882, or e-mail rmd.odi@dot.gov.

Sincerely,

Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

10E-049
(8 pages)



October 7, 2010

Associate Administrator for Safety Assurance (NSA-01)
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Re: Norcold refrigerator model numbers; 1200AC, 1200ACIM, 1200LR, 1200LRIM, 1201LRIM, 1210AC, 1210ACIM, 1210, 1210IM and 1211IM

Dear Associate Administrator:

Norcold, Inc. manufactures gas absorption refrigerators which are sold for application in Recreational Vehicles ("RVs"). Norcold has voluntarily recalled models 1200AC, 1200ACIM, 1200LR, 1200LRIM, and 1201LRIM under previously issued NHTSA recalls identified as 02E-045, 08E-030, 09E-026 and 09E-027. These recalls covered cooling units installed on the 1200 series product manufactured from December 1996 up through December 2002. Recalls 08E-030, 09E-026 and 09E-027 involved the installation of a thermal switch on the cooling units manufactured from December 1996 through December 2002. With the action taken with this letter Norcold is voluntarily extending a recall of all 1200, 1201, 1210 and 1211 models to include units produced from January 1, 2003 to October 6, 2010.

The population of refrigerators being addressed contains either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. The defect being addressed is the response time of the sensing algorithm and the thermal switch. The remedy is to affix a thermocouple, with a faster response time, to all refrigerators equipped with a sensing algorithm or a thermal switch.

Therefore, the recall population will be extended to include all model 1200, 1201, 1210 and 1211 cooling units with serial numbers from 700000 to 13085759, non consecutively.

We are planning a vehicle safety recall campaign with respect to this entire population to notify OEMs, distributors, dealers, service centers and vehicle owners of the hazard and to offer a free remedy to prevent temperature elevation that could allow a fire, should this failure mode arise. As soon as the notification letters are prepared, which will be sent to the OEMs, distributors, dealers, service centers and vehicle owners regarding this additional safety recall we will submit them to you along with any other information needed to comply with NHTSA notification requirements. We expect to have parts available for this remedy work to begin in October of 2010.

Sincerely,

J David Roberts

J. David Roberts
Vice President
Norcold, Inc.

Regional
23666 Cooper Drive
Elkhart, IN 46515
Phone: 219-266-6660
Fax: 219-266-5779

Headquarters
600 S. Kuther Road
P.O. Box 180
Sidney, OH 45365
Phone: 937-497-3080
General Fax: 937-497-3085
Administrative Fax: 937-497-3167

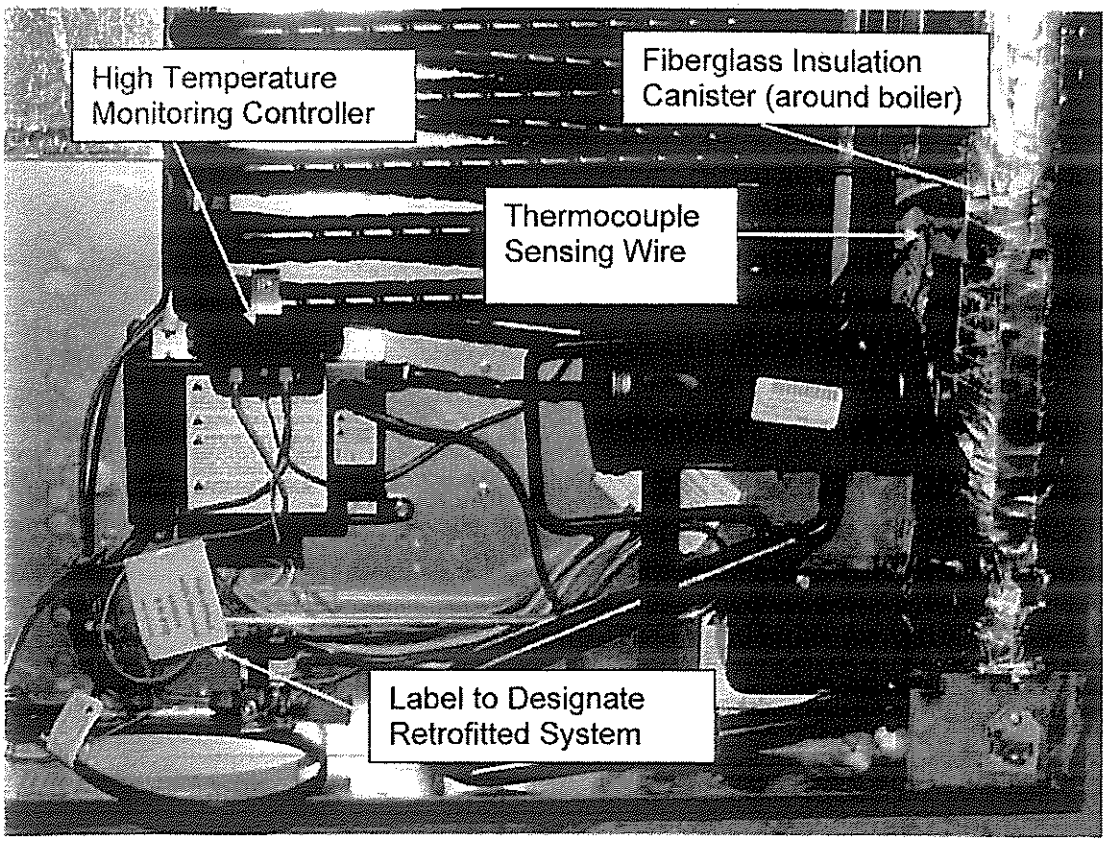
Gettysburg
1 Century Drive
Gettysburg, OH 45328
Phone: 937-447-2241
Fax: 937-497-3074

October 7, 2010

Information on the Recall Upgrade

Norcold is installing a thermocouple on all 1200LR, 1200LRIM, 1201LR, 1201LRIM, 1210 and 1210IM directly to the generator area of the cooling unit to detect abnormally high temperatures. When the thermocouple detects a generator operating at an unacceptably high temperature the contacts of the high temperature monitor open and disables all power sources for the refrigerator thereby preventing the generator temperature from climbing to a potentially dangerous level.

Norcold uses this same thermocouple and high temperature monitor in the manufacture of all new 1210 refrigerators. One refrigerator is illustrated below. By applying the same components to the older models in the recall program, the older cabinets are upgraded to the same level of safety as our current production models.



NORCOLD INC.

P.O. Box 1285
Ann Arbor, MI 48106
www.norcold.com

Service Kit
Ensemble de réparation
Juego de servicio

High Temperature Monitoring Control Kit 634737 For 1200, 1210 Series

Ensemble de commande de monitorage de haute température 634737 pour les séries 1200, 1210

Juego de control para monitoreo de alta temperatura 634737 para las series 1200 y 1210

Kit Contents :

- (1) Temperature Monitoring Control
- (1) Thermocouple (muffler clamp)
- (1) Insulation plug
- (1) Wire, +12V Out
- (1) Wire, +12V In
- (1) Ground Wire
- (1) Rework label
- (1) Limit In Wire
- (1) Limit Out Wire
- (1) Warranty Claim Card
- (1) Service Kit Literature

Tools Needed:

- Nut driver set
- Long Blade Razor Knife
- In Lb Torque Wrench
- 5/16" socket

Warning! The following procedure is to be performed by authorized service personnel only. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Note! Kit instructions are intended to be used with the support of the proper service manual.

Note! In the event that the rear of the unit is not accessable, refer to the owners manual for removal and installation procedure.

Purpose

To detect improper operation of the cooling unit by monitoring the surface temperature of the boiler. In the event an abnormally high temperature is detected, all heat source outputs to the cooling unit will be disabled. This condition is non resettable and must be serviced by an authorized service center.

Procedures

To install the kit, complete the steps in the order presented on the following pages.

L'ensemble contient :

- (1) Commande de monitorage de température
- (1) Thermocouple (bride de fixation)
- (1) Embout isolant
- (1) Fil, sortie +12V
- (1) Fil, entrée +12V
- (1) Fil de masse
- (1) Étiquette de réfection
- (1) Fil de limite d'entrée
- (1) Fil de limite de sortie
- (1) Carte de garantie
- (1) Documentation de l'ensemble de réparation

Outils requis :

- Jeu de tournevis à douille
- Couteau à lame longue
- Clé dynamométrique po / lb
- Douille 5/16 po

Avertissement! La procédure suivante ne doit être exécutée que par un technicien autorisé. Une installation, un ajustement, une modification, une réparation ou un entretien incorrects peuvent causer des blessures ou des dommages matériels.

Remarque! Les instructions de cet ensemble doivent être utilisées en complément du manuel d'entretien approprié.

Remarque! Si l'arrière de l'appareil n'est pas accessible, consultez le manuel de l'utilisateur pour connaître la procédure d'enlèvement et d'installation.

Usage

Détecter un fonctionnement incorrect de l'unité de refroidissement en surveillant la température de surface de la chaudière. Si une température anormalement élevée est détectée, toutes les sources de chaleur de l'unité de refroidissement seront désactivées. Cet état ne peut être suivi d'un réamorçage et doit être confié à un centre de service agréé.

Procédure

Pour installer l'ensemble, suivez les étapes présentées aux pages suivantes.

El juego contiene:

- (1) Control para monitoreo de temperatura
- (1) Termopar (abrazadera reguladora)
- (1) Tapón de aislamiento
- (1) Cable, para salida de +12 V
- (1) Cable, para entrada de +12 V
- (1) Cable de tierra
- (1) Etiqueta de retrabajo
- (1) Cable limitador de entrada
- (1) Cable limitador de salida
- (1) Tarjeta para reclamo de garantía
- (1) Información escrita sobre el juego de servicio

Herramientas necesarias:

- Juego de impulsores de tuercas
- Navaja de cuchilla larga
- Llave de torsión en pulg.-lb
- Dado de 5/16 pulg.

¡Advertencia! El siguiente procedimiento lo debe realizar únicamente el personal de servicio autorizado. Las alteraciones o los procedimientos incorrectos de instalación, ajuste, servicio o mantenimiento pueden causar lesiones o daños materiales.

¡Nota! Las instrucciones del juego están diseñadas para usarse con el respaldo del manual de servicio adecuado.

¡Nota! En caso de que la parte trasera de la unidad no esté accesible, consulte el procedimiento de retiro e instalación en el manual del propietario.

Propósito

Detectar el funcionamiento inadecuado de la unidad de enfriamiento al monitorear la temperatura superficial de la caldera. En caso de detectar una temperatura anormalmente alta, todas las salidas de la fuente de calor hacia la unidad de enfriamiento queda rán inhabilitadas. Esta condición no es reiniciable, y debe recibir servicio de un centro de servicio autorizado.

Procedimientos

Para instalar el juego, realice los pasos en el orden indicado en las páginas siguientes.

References

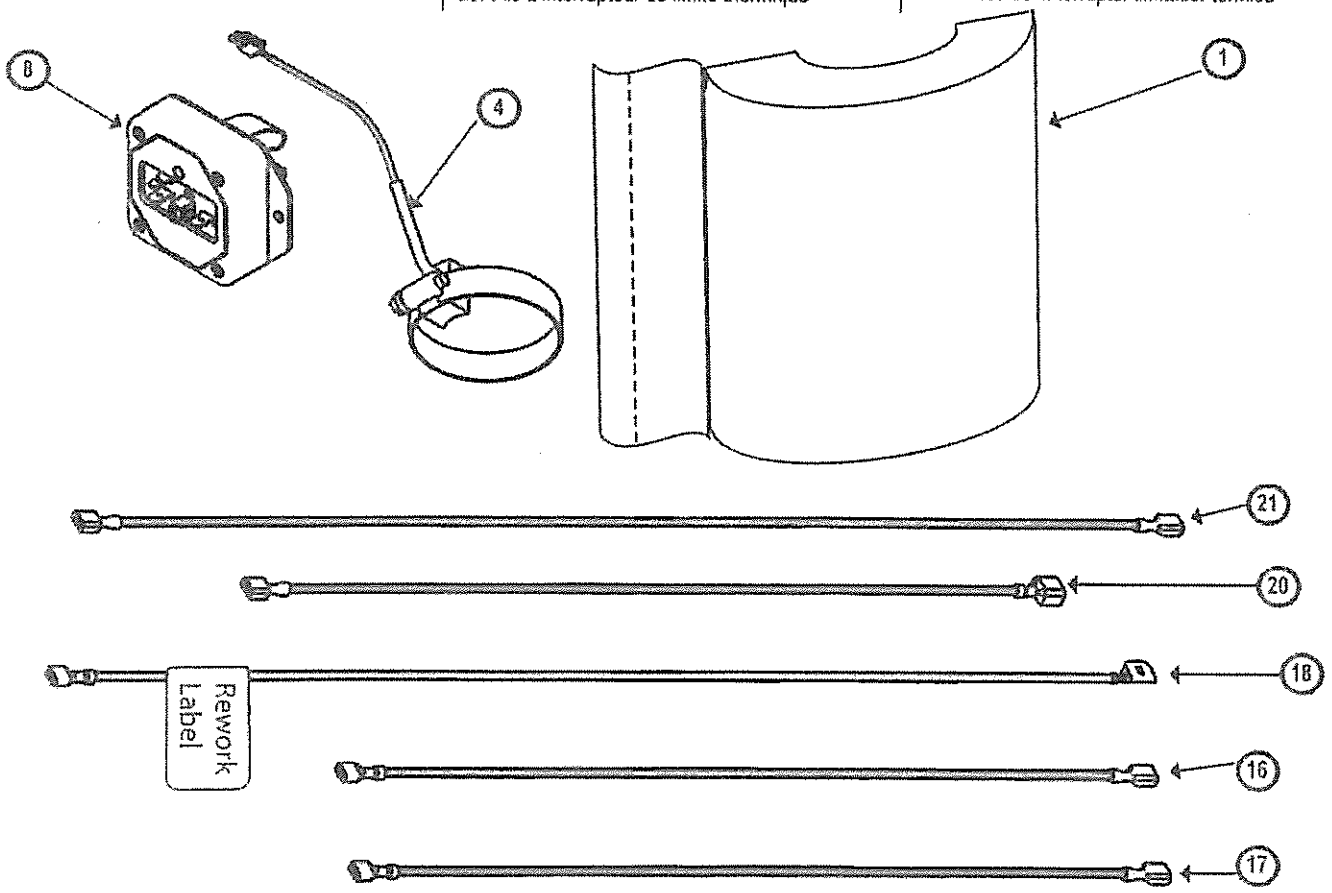
1. Insulation Plug (shown below)
2. Insulation
3. Burner Box
4. Thermocouple (shown below)
5. Heater Tubes
6. Boiler
7. Flue Tube
8. Temp Monitoring Control (shown below)
9. New Style Power Board
10. Old Style Power Board
11. Screws
12. Power Board Cover
13. Thermal Limit Switch
14. Jumper Wire
15. Power Board
16. 15" Blue Limit In Wire (shown below)
17. 15" Red Limit Out Wire (shown below)
18. 21" Green Wire (shown below)
19. Bottom Absorber Leg
20. 15" Red +12V In Wire Male/Female (shown below)
21. 21" Blue +12V Out Wire (shown below)
22. Vehicle Supply Wire 12V DC
23. Thermal Limit Switch Wires

Références

1. Embout isolant (illustré ci-dessous)
2. Isolant
3. Boîte de brûleur
4. Thermocouple (illustré ci-dessous)
5. Tuyaux de chauffage
6. Chaudière
7. Tube d'évacuation
8. Commande de monitorage de température (illustré ci-dessous)
9. Nouveau circuit d'alimentation
10. Ancien circuit d'alimentation
11. Vis
12. Couvercle du circuit d'alimentation
13. Interrupteur de limite thermique
14. Fil volant
15. Circuit d'alimentation
16. Fil de limite d'entrée bleu 38 cm (15 po) (illustré ci-dessous)
17. Fil de limite de sortie rouge 38 cm (15 po) (illustré ci-dessous)
18. Fil vert 53 cm (21 po) (illustré ci-dessous)
19. Pied amortisseur inférieur
20. Fil d'entrée rouge +12V de 38 cm (15 po) mâle / femelle (illustré ci-dessous)
21. Fil de sortie bleu +12V de 53 cm (21 po) (illustré ci-dessous)
22. Fil d'alimentation du véhicule 12V CC
23. Fils d'interrupteur de limite thermique

Referencias

1. Tapón de aislamiento (se muestra más abajo)
2. Aislamiento
3. Caja del quemador
4. Termopar (se muestra abajo)
5. Tubos del calefactor
6. Caldera
7. Tubo de humos
8. Control de monitoreo de temperatura (se muestra abajo)
9. Tablero eléctrico de estilo nuevo
10. Tablero eléctrico de estilo anterior
11. Tornillos
12. Cubierta del tablero eléctrico
13. Interruptor limitador térmico
14. Cable puente
15. Tablero eléctrico
16. Cable azul de límite de entrada de 38 cm (15 pulg.) (se muestra abajo)
17. Cable rojo de límite de salida de 38 cm (15 pulg.) (se muestra abajo)
18. Cable verde de 53 cm (21 pulg.) (se muestra abajo)
19. Pata de absorción inferior
20. Cable de entrada macho/hembra de +12 V color rojo y 38 cm (15 pulg.) (se muestra abajo)
21. Cable de salida de +12 V color azul y 53 cm (21 pulg.) (se muestra abajo)
22. Cable de alimentación del vehículo de 12 VCC
23. Cables del interruptor limitador térmico



Art02247

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

1 Attach Thermocouple / Installation du thermocouple / Fije el termopar

Note! Refer to page 2 for numbered call outs.

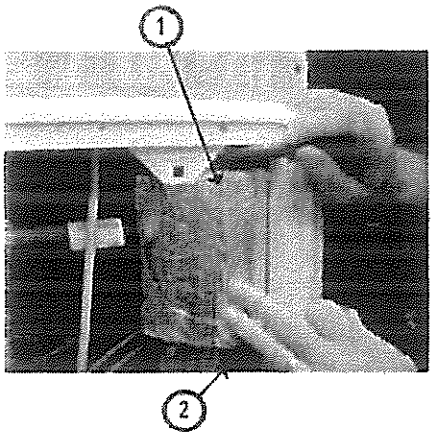
1. Position ① on ② 3" from top of ③ and mark guide lines on ②.
2. Cut ② along guide lines and remove cutout section.

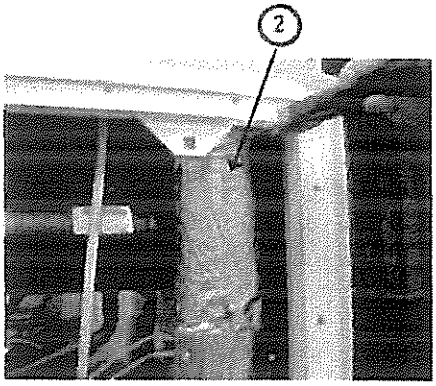
Remarque! Consultez la page 2 pour la nomenclature des pièces.

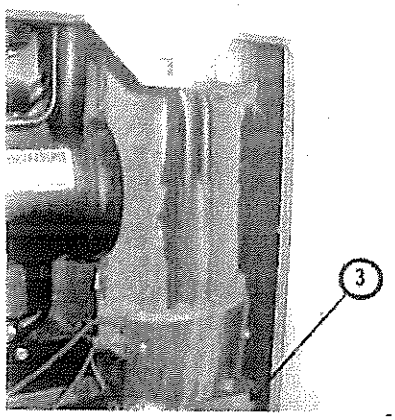
1. Placez ① sur ② à 7,6 cm (3 po) du haut de ③ et tracez des lignes de repère sur ②.
2. Coupez ② le long des lignes de repère et enlevez la section coupée.

¡Nota! Consulte la lista numerada de la página 2.

1. Coloque ① sobre el ② a 7.6 cm (3 pulg.) de la parte superior del ③ y marque las líneas guía en ②.
2. Corte el ② a lo largo de las líneas guía y retire la sección cortada.



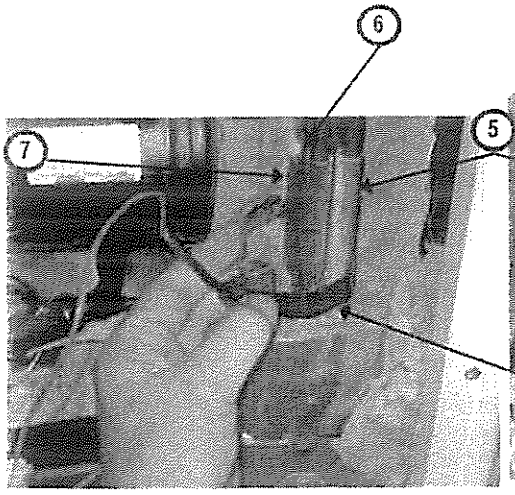


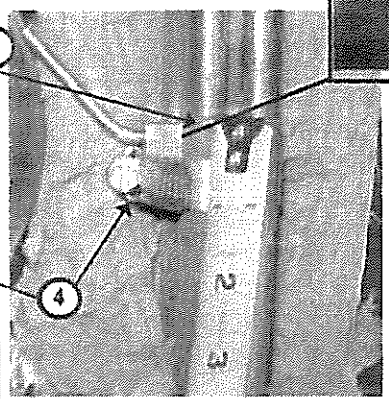


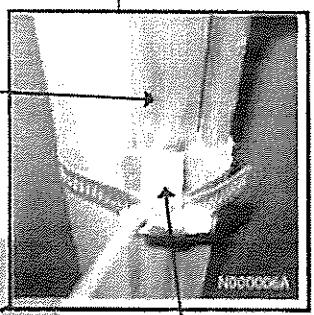
3. Position ④ around ⑤, ⑥ & ⑦ so the sensor is against ⑥ and is even with or within 1" of the top of ⑤.
4. Tighten ④. Torque to 23 in lb.
5. Position ① in cutout section of ② and secure with attached tape.

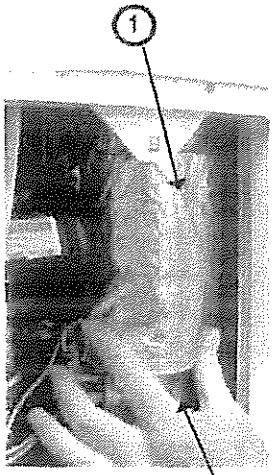
3. Positionnez ④ autour de ⑤, ⑥ et ⑦ de sorte que le capteur soit appuyé contre ⑥ et soit à égalité ou à moins de 2,5 cm (1 po) du haut de ⑤.
4. Serrez ④ à un couple de 23 po lb.
5. Positionnez ① dans la section découpée de ② et fixez le morceau avec du ruban.

3. Coloque el ④ alrededor de ⑤, ⑥ y ⑦, de tal manera que el sensor quede contra el ⑥ y a nivel o a menos de 2.5 cm (1 pulg.) de la parte superior de ⑤.
4. Apriete el ④ a 23 pulg.-lb.
5. Coloque el ① en la sección cortada de ② y asegure con la cinta anexa.









Questions?/Des questions?/¿Preguntas? 1-800-543-1219

2 Identify Power Board / Identification du circuit d'alimentation / Identifique el tablero eléctrico

Note! The high temperature monitoring kit can be wired two different ways. The wire connections depend on what power board is installed.

Note! Refer to page 2 for numbered call outs.

1. Identify power board
   - (9) = New Board (2 styles)
   - (10) = Old Board
2. If the unit is equipped with a new style power board (9) follow procedure 3a. If the unit is equipped with the old style power board (10) follow procedure 3b.

Remarque! L'ensemble de monitorage de haute température peut être connecté de deux façons différentes. Les connexions dépendent du type de circuit d'alimentation installé.

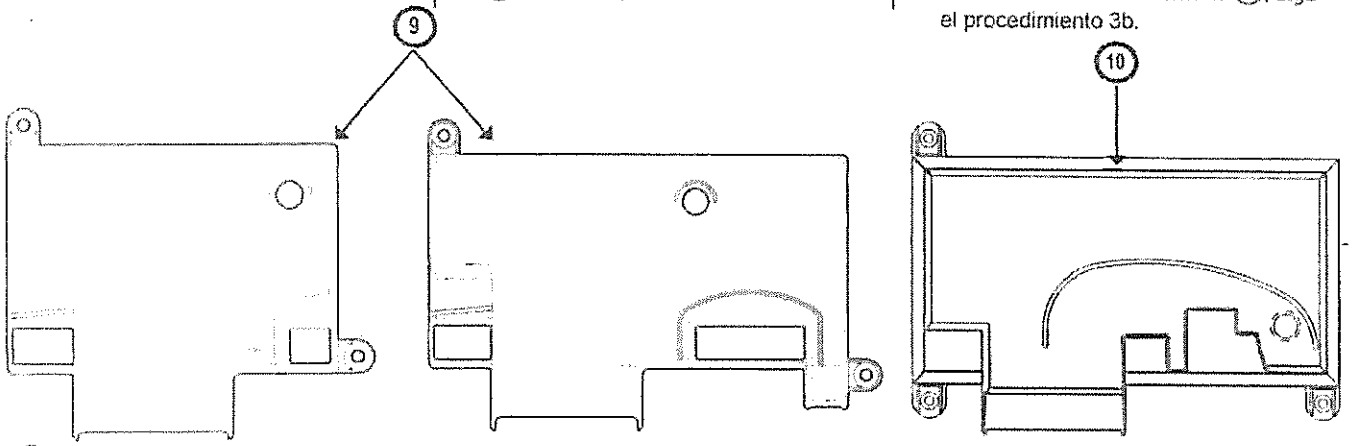
Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Identifiez le circuit d'alimentation
   - (9) = Nouveau circuit (2 styles)
   - (10) = Ancien circuit
2. Si l'appareil est muni de l'un des nouveaux circuits d'alimentation (9), suivez la procédure 3a. Si l'appareil est muni de l'ancien circuit d'alimentation (10), suivez la procédure 3b.

¡Nota! El juego de monitoreo de alta temperatura se puede cablear de dos maneras diferentes. Las conexiones de los cables dependen del tablero eléctrico que esté instalado.

¡Nota! Consulte la lista numerada de la página 2.

1. Identifique el tablero eléctrico.
   - (9) = Tablero nuevo (2 estilos)
   - (10) = Tablero anterior
2. Si la unidad está equipada con un tablero eléctrico con el estilo nuevo (9), siga el procedimiento 3a. Si la unidad está equipada con un tablero eléctrico con el estilo anterior (10), siga el procedimiento 3b.



3a Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3a) is for units equipped with the new style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Unplug AC power cord from RV receptacle.
2. Disconnect AC power cord from (9).
3. Disconnect DC input wires from (9).
4. Disconnect ignitor wire from (9).
5. Remove (11) x2 and (12).
6. If equipped with (13) disconnect and discard (23) x 2.
7. If not equipped with (13) disconnect and discard (14) from terminals Limit_In and Limit_Out on (15).

Remarque! Cette procédure (3a) convient uniquement à un appareil muni d'un nouveau circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Débranchez le cordon d'alimentation CA de la prise du véhicule récréatif.
2. Débranchez le cordon d'alimentation CA de (9).
3. Débranchez les fils d'entrée CC de (9).
4. Débranchez le fil d'allumage de (9).
5. Enlevez deux (11) et le (12).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Si l'appareil n'est pas muni de (13), débranchez et jetez (14) des bornes de limite d'entrée (Limit_In) et de limite de sortie (Limit_Out) sur (15).

¡Nota! Este procedimiento (3a) es únicamente para unidades equipadas con el tablero eléctrico con el estilo nuevo.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

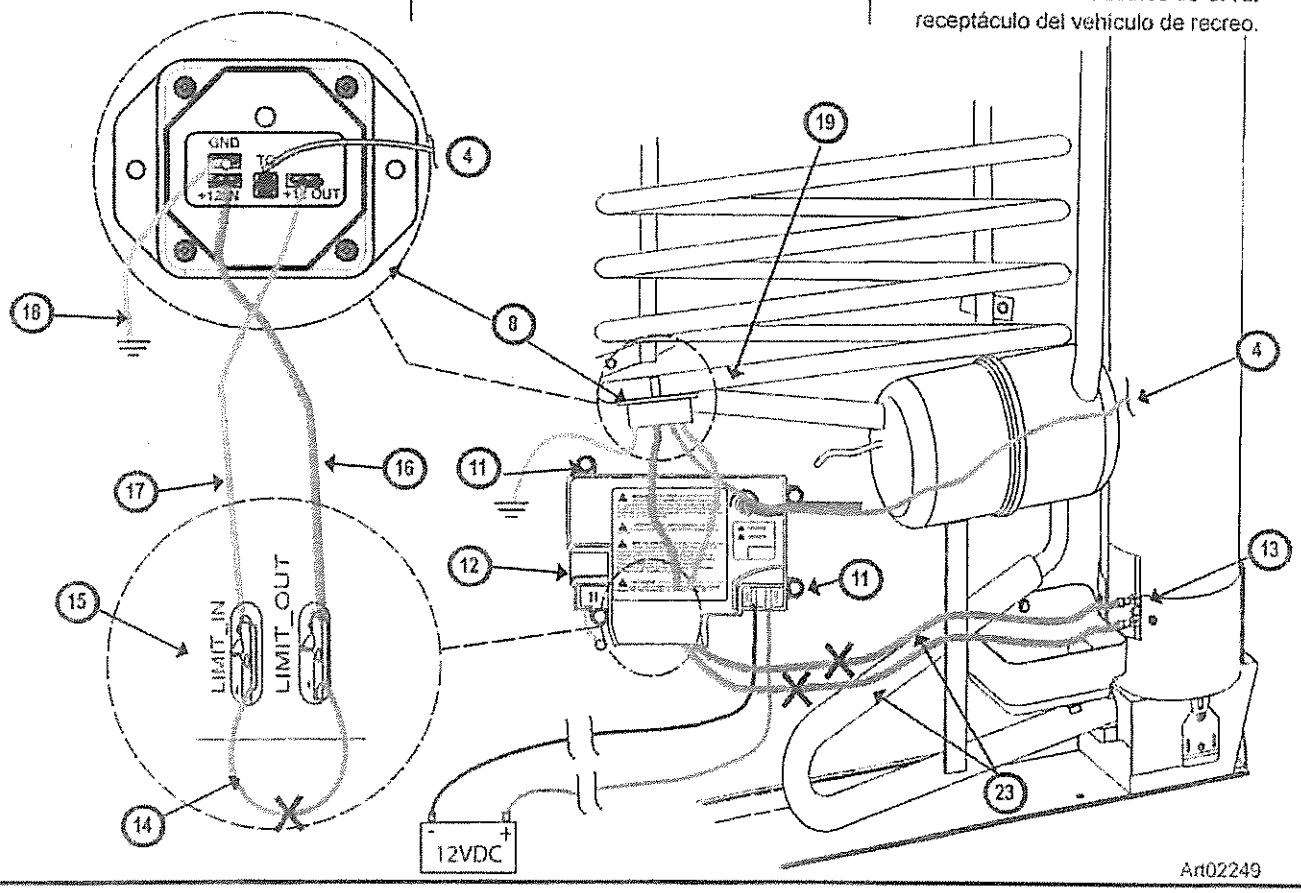
¡Nota! Consulte la lista numerada de la página 2.

1. Desconecte el cable eléctrico de CA del receptáculo del vehículo de recreo.
2. Desconecte el cable eléctrico de CA de (9).
3. Desconecte los cables de entrada de CC de (9).
4. Desconecte el cable de encendido de (9).
5. Retire dos (11) y el (12).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Si no está equipado con (13), desconecte y deseche (14) de las terminales de límite de entrada y límite de salida en (15).

8. Connect .250" end of (16) to terminal +12V Out on (8)
9. Connect .187" end of (16) to terminal Limit_In on (15).
10. Connect .250" end of (17) wire to terminal +12V In on (8)
11. Connect .187" end of (17) to terminal Limit_Out on (15)
12. Install (12) and (11) x2
13. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
14. Connect connector from (4) to connector on (8)
15. Clip (8) to (19).
16. Connect ignitor wire to (9).
17. Connect DC input wires to (9).
18. Connect AC power cord to (9).
19. Plug AC power cord into RV receptacle.

8. Connectez l'extrémité de 6,35 mm (0,250 po) de (16) à la borne de sortie +12V de (8).
9. Connectez l'extrémité de 4,75 mm (0,187 po) de (16) à la borne de limite d'entrée (Limit_In) de (15).
10. Connectez l'extrémité de 6,35 mm (0,250 po) de (17) à la borne +12V de (8).
11. Connectez l'extrémité de 4,75 mm (0,187 po) de (17) à la borne de limite de sortie (Limit_Out) de (15).
12. Installez (12) et deux (11).
13. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
14. Raccordez le connecteur de (4) au connecteur de (8).
15. Fixez (8) sur (19).
16. Branchez le fil d'allumage sur (9).
17. Branchez les fils d'entrée CC de (9).
18. Branchez le cordon d'alimentation CA sur (9).
19. Branchez le cordon d'alimentation CA dans la prise du véhicule récréatif.

8. Conecte el extremo de 6.35 mm (0.25 pulg.) de (16) a la salida de +12 V de la terminal en (8)
9. Conecte el extremo de 4.75 mm (0.187 pulg.) a la entrada limitadora de la terminal en (15).
10. Conecte el extremo de 6.35 mm (0.25 pulg.) del cable (17) a la entrada de +12 V de la terminal en (8)
11. Conecte el extremo de 4.75 mm (0.187 pulg.) (17) a la salida limitadora de la terminal en (15).
12. Instale (12) y dos (11).
13. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
14. Conecte el conector de (4) al conector en (8).
15. Sujete el (8) al (19).
16. Conecte el cable del encendedor a (9).
17. Conecte los cables de entrada de CC a (9).
18. Conecte el cable eléctrico de CA a (9).
19. Conecte el cable eléctrico de CA al receptáculo del vehículo de recreo.



Note! This procedure (3b) is for units equipped with the old style power board only

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs

1. Connect female end of (20) to terminal +12V IN on (8).
2. Connect one end of (21) to terminal +12V Out on (8).
3. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
4. Connect connector from (4) to connector on (8).
5. Clip (8) to (19).
6. If equipped with (13) disconnect and discard (23) x 2.
7. Connect male end of (20) to (22).
8. Connect other end of (21) to terminal 12VDC on (15).

Remarque! Cette procédure (3b) convient uniquement à un appareil muni d'un ancien circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

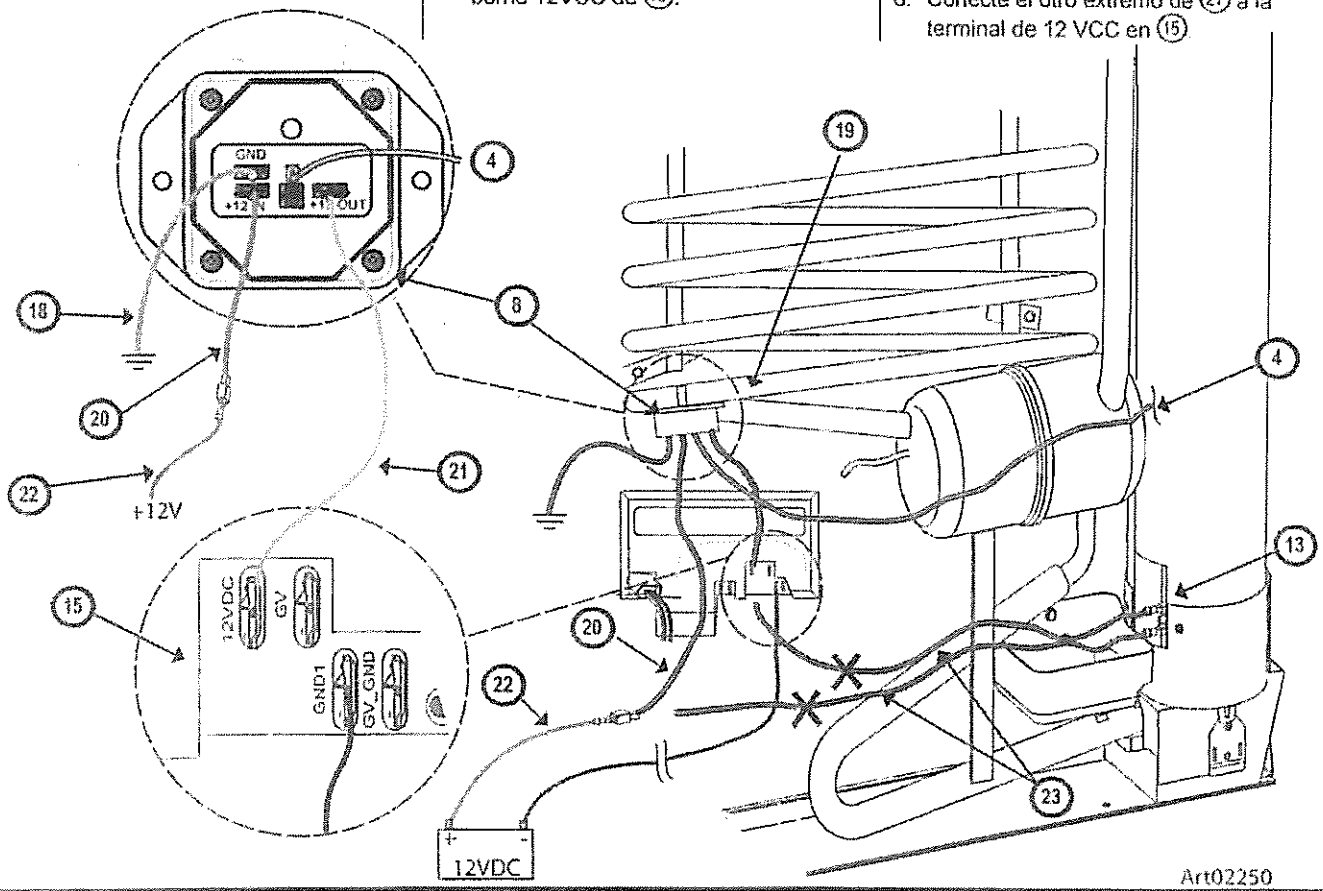
1. Connectez l'extrémité femelle de (20) à la borne d'entrée +12V (+12V IN) de (8).
2. Connectez une extrémité de (21) à la borne de sortie +12V (+12V Out) de (8).
3. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
4. Raccordez le connecteur de (4) au connecteur de (8).
5. Fixez (8) sur (19).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Connectez l'extrémité mâle de (20) sur (22).
8. Connectez l'autre extrémité de (21) à la borne 12VCC de (15).

¡Nota! Este procedimiento (3b) es únicamente para unidades equipadas con el tablero eléctrico con el estilo anterior.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

1. Conecte el extremo hembra de (20) a la terminal de +12 V en (8).
2. Conecte un extremo de (21) a la terminal de salida de +12 V en (8).
3. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
4. Conecte el conector de (4) al conector en (8).
5. Sujete el (8) al (19).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Conecte el extremo macho de (20) a (22).
8. Conecte el otro extremo de (21) a la terminal de 12 VCC en (15).



Art02250

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

AUG 0 8 2011

Via Certified Mail
Mr. Nicholas Audino
Superior Coach Interiors
312 Babb Drive
Lebanon, TN 37807

NVS-215aa
EQ10-010
10E-049

Subject: Second Request for Information- Response Required

Dear Mr. Audino:

On January 13, 2011, we wrote to your company as part of an ongoing investigation being conducted by the National Highway Traffic Safety Administration (NHTSA) about a safety issue involving certain 1200 series refrigerators that were manufactured by Norcold, Inc. (Norcold) and sold to your company for further installation into motor vehicles. Your company's response to that letter was due to NHTSA within 10 days of receipt. At this time, we have not received your response.

A copy of our original letter is enclosed with this letter.

This letter is being sent in order to remind your company that it must respond to the earlier letter and that your company may have additional obligations under Federal law as we explained in the earlier letter.

A written response to our earlier letter must be submitted to this office within 7 days of your receipt of this letter. Response submission may be made by US Mail to the address listed therein, fax to (202) 366-7882, or e-mail rmd.odi@dot.gov.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to

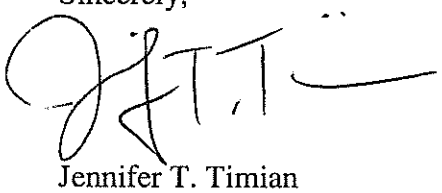
be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to $6,000 per day, with a maximum of $17,350,000 for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 CFR 578.6 (as amended by 75 Fed. Reg. 79978 (Dec. 21, 2010)). This includes failing to respond to ODI information requests.

I urge your company to comply with this information request in order to ensure that these important issues relating to motor vehicle safety are promptly addressed, and in order to avoid a potential enforcement action against the company in addition to substantial penalties for its failure to respond to an inquiry issued during an official investigation.

Should you have any questions regarding this inquiry, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov.

Sincerely,



Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Superior Coach Interiors
312 Babb Drive
Lebanon, TN 37807

Attn: **Mr. Nicholas Audino**

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by (Printed Name) SARAH CLARENCE
C. Date of Delivery 1/18/11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

Article Number
(Transfer from service label) 7008 1830 0001 4173 4490

Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

JAN 13 2011

Via USPS Certified Mail
Superior Coach Interiors
Mr. Nicholas Audino
312 Babb Drive
Lebanon, TN 37807

NVS-215aa
EQ10-010
10E-049

Re: Safety Recall 10E-049

Dear Mr. Audino:

The purpose of this letter is to make you aware of a potential safety problem in vehicles that you manufactured and to remind you of your responsibilities under Federal law. We also request a written response from your company upon processing the required information outlined below.

The Office of Defects Investigation (ODI), Recall Management Division (RMD) is conducting an equipment query (EQ) investigation in relation to certain Norcold brand refrigerators that the manufacturer has decided contain a safety related defect that could cause a vehicle fire. This investigation has been assigned the identification EQ10-010.

In a letter dated October 7, 2010, Norcold, Inc. (Norcold) notified the NHTSA that it had decided certain 1200 series refrigerators, manufactured between January 1, 2003, and October 6, 2006, contain a safety related defect. Norcold stated that certain refrigerators contain either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. Norcold intends to install a thermocouple to improve the response time of this high temperature detection and further reduce the possibility of fire within these units. Should a fire occur within a refrigerator installed into a recreational vehicle, both personal injury and property damage are possible. NHTSA assigned recall number 10E-049 to this matter. Copies of the respective notifications are enclosed for your information.

Norcold listed Superior Coach Interiors (your company) as a purchaser of 8 of these defective refrigerators.

Pursuant to Federal law, manufacturers of motor vehicles sold, offered for sale, delivered, or imported into the United States must notify NHTSA, within five (5) business days, when they first learn a safety defect or a noncompliance with a Federal Motor Vehicle Safety Standard exists in one of their vehicles. In the case of a defect or noncompliance in original equipment installed in the vehicles of more than one manufacturer, notification to NHTSA must be made by the original equipment manufacturer as to the equipment item, and by each vehicle manufacturer as to those vehicles it manufactured in which the defective equipment

was installed. The content of that notification is specified in 49 U.S.C. 573.6, Defect and Noncompliance Information Report. As of this date, we have not received the required report from your company.

This letter serves to remind you of your company's responsibilities, and to request that you make a timely defect decision and supply the requisite Defect Information Report. Guidance is provided in the following paragraphs to assist you in determining whether or not you are required to file a report. If you are required to file a report, please provide the information required by 49 CFR 573.6. Detailed information about that report follows. Additionally, please include the date on which you received notification of this matter from Norcold.

Please Note: A person/company that *alters* new vehicles with the installation of these refrigerators may also be required to file a Defect Information Report with NHTSA. Should this equipment be installed on a vehicle that is then sold to the first retail purchaser, a Defect Information Report will be required. Should you have any questions regarding your company's obligations in this matter, please contact Alex Ansley of NHTSA RMD at (202) 493-0481 or alexander.ansley@dot.gov.

In view of this fire risk, and your company's obligations under Federal law, we are also reminding your company that it is required to issue timely notification to owners who may have purchased vehicles with the defective refrigerators. In advance of issuing its owner notification letters, your company must submit a draft of its letter to NHTSA for review. Your company is reminded that this letter must meet the requirements of 49 CFR 577.5, "Notification pursuant to a manufacturer's decision." Your company is further reminded that notifications must be sent to those persons registered under State law as the owners of the vehicles. If particular owners cannot be reasonably ascertained by State records, notifications must be sent to those persons you identify as the most recent purchasers. We are also reminding your company that it is required to notify dealers and distributors as required by 49 CFR 577.13.

Please further note that you must file six quarterly recall status reports as required by 49 CFR 573.7. These reports are to be filed on consecutive yearly quarters beginning with the quarter in which notification to owners begins.

If your company has not received any of this equipment, or if your products are not available to be sold, offered for sale, delivered, or imported into the United States, please so state. If your company does not agree with Norcold that a defect exists in these refrigerators, you must submit a written response explaining your decision including all supporting documents, analysis, and/or test reports.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway

Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

Your company's written response must be submitted to this office within 10 days of receiving this letter. In your response, please be certain to include a reference to this matter's identification number which is EQ10-010.

If you have any questions concerning this matter, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov. Response submissions may be made by US Mail, fax (202) 366-7882, or e-mail rmd.odi@dot.gov.

Sincerely,

Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

10E-049
(8 pages)

October 7, 2010

Associate Administrator for Safety Assurance (NSA-01)
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Re: Norcold refrigerator model numbers; 1200AC, 1200ACIM, 1200LR, 1200LRIM, 1201LRIM, 1210AC, 1210ACIM, 1210, 1210IM and 1211IM

Dear Associate Administrator:

Norcold, Inc. manufactures gas absorption refrigerators which are sold for application in Recreational Vehicles ("RVs"). Norcold has voluntarily recalled models 1200AC, 1200ACIM, 1200LR, 1200LRIM, and 1201LRIM under previously issued NHTSA recalls identified as 02E-045, 08E-030, 09E-026 and 09E-027. These recalls covered cooling units installed on the 1200 series product manufactured from December 1996 up through December 2002. Recalls 08E-030, 09E-026 and 09E-027 involved the installation of a thermal switch on the cooling units manufactured from December 1996 through December 2002. With the action taken with this letter Norcold is voluntarily extending a recall of all 1200, 1201, 1210 and 1211 models to include units produced from January 1, 2003 to October 6, 2010.

The population of refrigerators being addressed contains either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. The defect being addressed is the response time of the sensing algorithm and the thermal switch. The remedy is to affix a thermocouple, with a faster response time, to all refrigerators equipped with a sensing algorithm or a thermal switch.

Therefore, the recall population will be extended to include all model 1200, 1201, 1210 and 1211 cooling units with serial numbers from 700000 to 13085759, non consecutively.

We are planning a vehicle safety recall campaign with respect to this entire population to notify OEMs, distributors, dealers, service centers and vehicle owners of the hazard and to offer a free remedy to prevent temperature elevation that could allow a fire, should this failure mode arise. As soon as the notification letters are prepared, which will be sent to the OEMs, distributors, dealers, service centers and vehicle owners regarding this additional safety recall we will submit them to you along with any other information needed to comply with NHTSA notification requirements. We expect to have parts available for this remedy work to begin in October of 2010.

Sincerely,

J. David Roberts

J. David Roberts
Vice President
Norcold, Inc.

Regional
23666 Cooper Drive
Elkhart, IN 46515
Phone: 219-266-6660
Fax: 219-266-5779

Headquarters
600 S. Kuther Road
P.O. Box 180
Sidney, OH 45365
Phone: 937-497-3080
General Fax: 937-497-3085
Administrative Fax: 937-497-3167

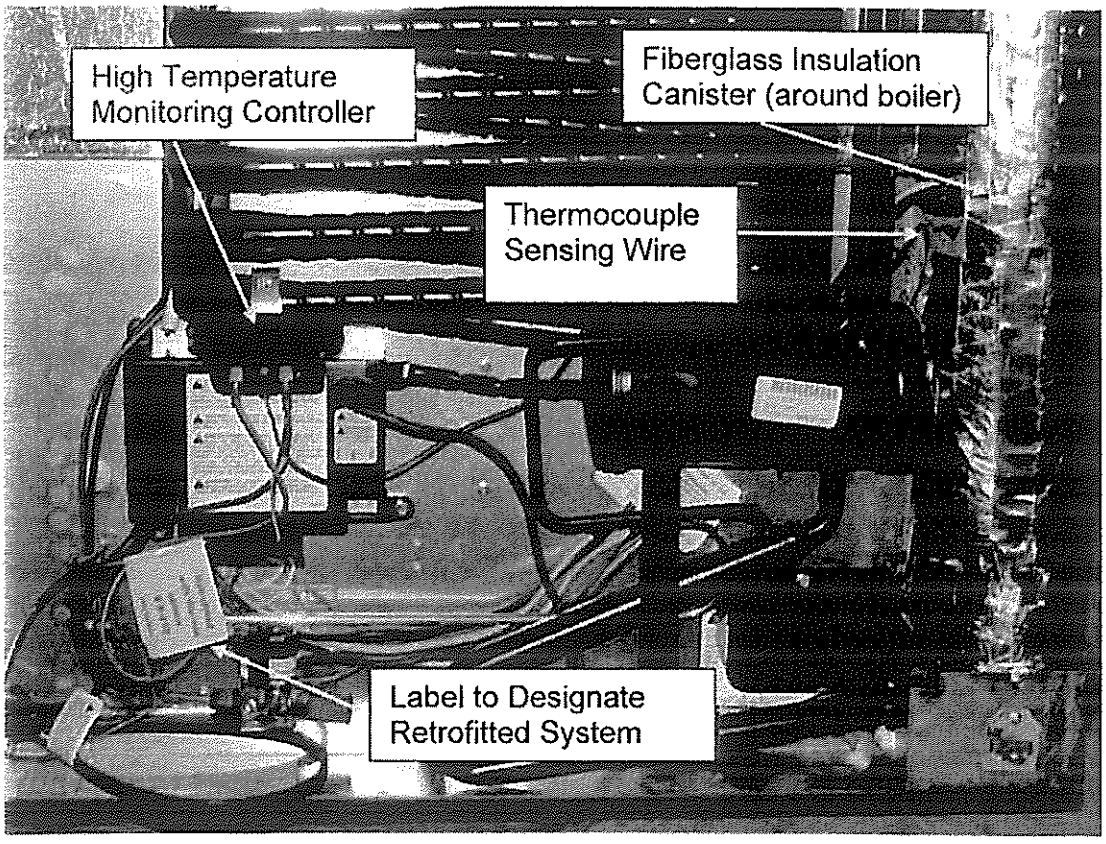
Gettysburg
1 Century Drive
Gettysburg, OH 45328
Phone: 937-447-2241
Fax: 937-497-3074

October 7, 2010

Information on the Recall Upgrade

Norcold is installing a thermocouple on all 1200LR, 1200LRIM, 1201LR, 1201LRIM, 1210 and 1210IM directly to the generator area of the cooling unit to detect abnormally high temperatures. When the thermocouple detects a generator operating at an unacceptably high temperature the contacts of the high temperature monitor open and disables all power sources for the refrigerator thereby preventing the generator temperature from climbing to a potentially dangerous level.

Norcold uses this same thermocouple and high temperature monitor in the manufacture of all new 1210 refrigerators. One refrigerator is illustrated below. By applying the same components to the older models in the recall program, the older cabinets are upgraded to the same level of safety as our current production models.



NORCOLD INC.

P.O. Box 1285
Ann Arbor, MI 48106
www.norcold.com

Service Kit
Ensemble de réparation
Juego de servicio

High Temperature Monitoring Control Kit 634737 For 1200, 1210 Series

Ensemble de commande de monitorage de haute température 634737 pour les séries 1200, 1210

Juego de control para monitoreo de alta temperatura 634737 para las series 1200 y 1210

Kit Contents :

- (1) Temperature Monitoring Control
- (1) Thermocouple (muffler clamp)
- (1) Insulation plug
- (1) Wire, +12V Out
- (1) Wire, +12V In
- (1) Ground Wire
- (1) Rework label
- (1) Limit In Wire
- (1) Limit Out Wire
- (1) Warranty Claim Card
- (1) Service Kit Literature

Tools Needed:

- Nut driver set
- Long Blade Razor Knife
- In Lb Torque Wrench
- 5/16" socket

Warning! The following procedure is to be performed by authorized service personnel only. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Note! Kit instructions are intended to be used with the support of the proper service manual.

Note! In the event that the rear of the unit is not accessable, refer to the owners manual for removal and installation procedure.

Purpose

To detect improper operation of the cooling unit by monitoring the surface temperature of the boiler. In the event an abnormally high temperature is detected, all heat source outputs to the cooling unit will be disabled. This condition is non resettable and must be serviced by an authorized service center.

Procedures

To install the kit, complete the steps in the order presented on the following pages.

L'ensemble contient :

- (1) Commande de monitorage de température
- (1) Thermocouple (bride de fixation)
- (1) Embout isolant
- (1) Fil, sortie +12V
- (1) Fil, entrée +12V
- (1) Fil de masse
- (1) Etiquette de réfection
- (1) Fil de limite d'entrée
- (1) Fil de limite de sortie
- (1) Carte de garantie
- (1) Documentation de l'ensemble de réparation

Outils requis :

- Jeu de tournevis à douille
- Couteau à lame longue
- Clé dynamométrique po / lb
- Douille 5/16 po

Avertissement! La procédure suivante ne doit être exécutée que par un technicien autorisé. Une installation, un ajustement, une modification, une réparation ou un entretien incorrects peuvent causer des blessures ou des dommages matériels.

Remarque! Les instructions de cet ensemble doivent être utilisées en complément du manuel d'entretien approprié.

Remarque! Si l'arrière de l'appareil n'est pas accessible, consultez le manuel de l'utilisateur pour connaître la procédure d'enlèvement et d'installation.

Usage

Détecter un fonctionnement incorrect de l'unité de refroidissement en surveillant la température de surface de la chaudière. Si une température anormalement élevée est détectée, toutes les sources de chaleur de l'unité de refroidissement seront désactivées. Cet état ne peut être suivi d'un réamorçage et doit être confié à un centre de service agréé.

Procédure

Pour installer l'ensemble, suivez les étapes présentées aux pages suivantes.

El juego contiene:

- (1) Control para monitoreo de temperatura
- (1) Termopar (abrazadera reguladora)
- (1) Tapón de aislamiento
- (1) Cable, para salida de +12 V
- (1) Cable, para entrada de +12 V
- (1) Cable de tierra
- (1) Etiqueta de retrabajo
- (1) Cable limitador de entrada
- (1) Cable limitador de salida
- (1) Tarjeta para reclamo de garantia
- (1) Información escrita sobre el juego de servicio

Herramientas necesarias:

- Juego de impulsores de tuercas
- Navaja de cuchilla larga
- Llave de torsión en pulg.-lb
- Dado de 5/16 pulg.

¡Advertencia! El siguiente procedimiento lo debe realizar únicamente el personal de servicio autorizado. Las alteraciones o los procedimientos incorrectos de instalación, ajuste, servicio o mantenimiento pueden causar lesiones o daños materiales.

¡Nota! Las instrucciones del juego están diseñadas para usarse con el respaldo del manual de servicio adecuado.

¡Nota! En caso de que la parte trasera de la unidad no esté accesible, consulte el procedimiento de retiro e instalación en el manual del propietario.

Propósito

Detectar el funcionamiento inadecuado de la unidad de enfriamiento al monitorear la temperatura superficial de la caldera. En caso de detectar una temperatura anormalmente alta, todas las salidas de la fuente de calor hacia la unidad de enfriamiento quedarán inhabilitadas. Esta condición no es reiniciable, y debe recibir servicio de un centro de servicio autorizado.

Procedimientos

Para instalar el juego, realice los pasos en el orden indicado en las páginas siguientes.

References

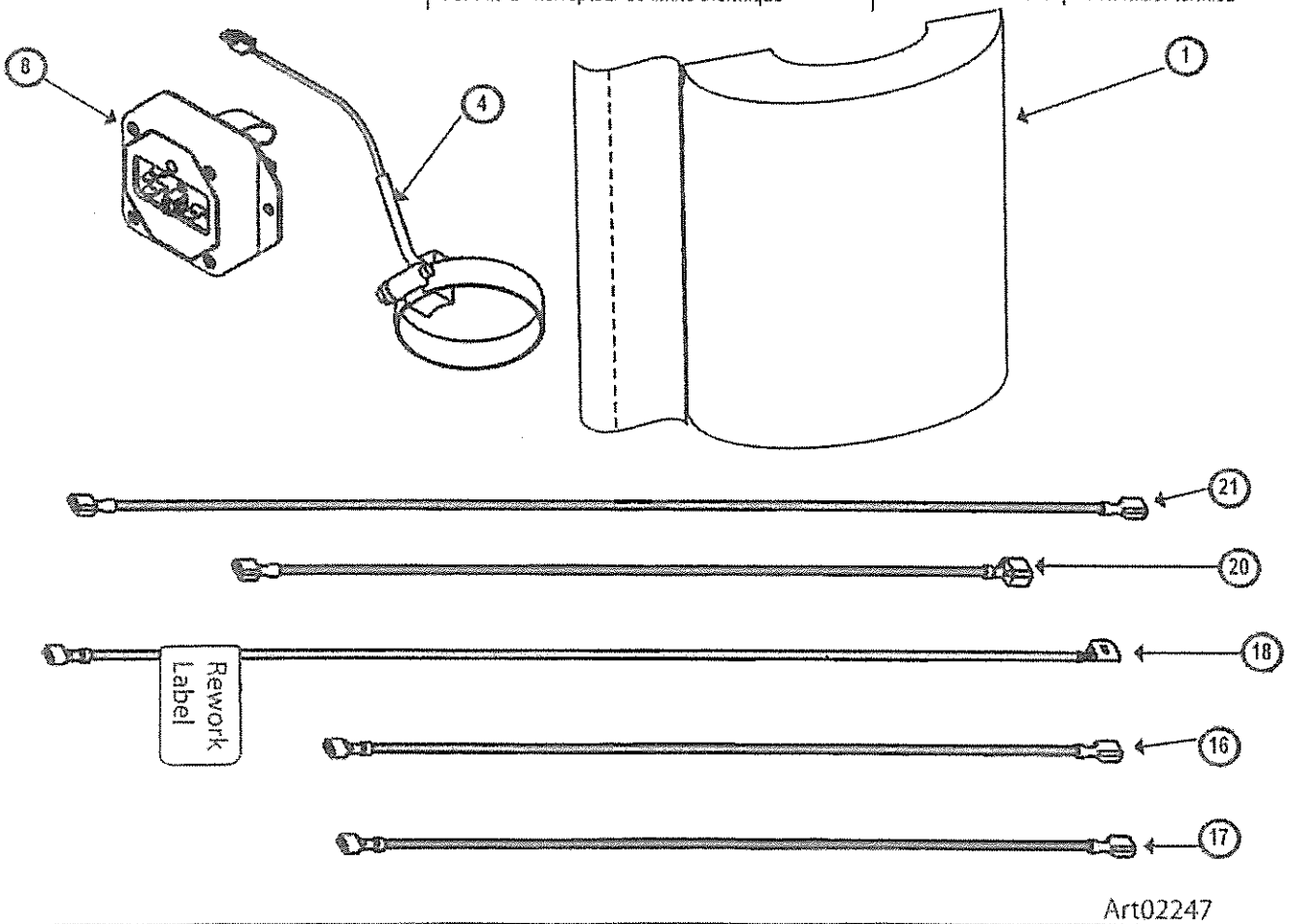
1. Insulation Plug (shown below)
2. Insulation
3. Burner Box
4. Thermocouple (shown below)
5. Heater Tubes
6. Boiler
7. Flue Tube
8. Temp Monitoring Control (shown below)
9. New Style Power Board
10. Old Style Power Board
11. Screws
12. Power Board Cover
13. Thermal Limit Switch
14. Jumper Wire
15. Power Board
16. 15" Blue Limit In Wire (shown below)
17. 15" Red Limit Out Wire (shown below)
18. 21" Green Wire (shown below)
19. Bottom Absorber Leg
20. 15" Red +12V In Wire Male/Female (shown below)
21. 21" Blue +12V Out Wire (shown below)
22. Vehicle Supply Wire 12V DC
23. Thermal Limit Switch Wires

Références

1. Embout isolant (illustré ci-dessous)
2. Isolant
3. Boîte de brûleur
4. Thermocouple (illustré ci-dessous)
5. Tuyaux de chauffage
6. Chaudière
7. Tube d'évacuation
8. Commande de monitorage de température (illustré ci-dessous)
9. Nouveau circuit d'alimentation
10. Ancien circuit d'alimentation
11. Vis
12. Couvercle du circuit d'alimentation
13. Interrupteur de limite thermique
14. Fil volant
15. Circuit d'alimentation
16. Fil de limite d'entrée bleu 38 cm (15 po) (illustré ci-dessous)
17. Fil de limite de sortie rouge 38 cm (15 po) (illustré ci-dessous)
18. Fil vert 53 cm (21 po) (illustré ci-dessous)
19. Pied amortisseur inférieur
20. Fil d'entrée rouge +12V de 38 cm (15 po) mâle / femelle (illustré ci-dessous)
21. Fil de sortie bleu +12V de 53 cm (21 po) (illustré ci-dessous)
22. Fil d'alimentation du véhicule 12V CC
23. Fils d'interrupteur de limite thermique

Referencias

1. Tapón de aislamiento (se muestra más abajo)
2. Aislamiento
3. Caja del quemador
4. Termopar (se muestra abajo)
5. Tubos del calefactor
6. Caldera
7. Tubo de humos
8. Control de monitoreo de temperatura (se muestra abajo)
9. Tablero eléctrico de estilo nuevo
10. Tablero eléctrico de estilo anterior
11. Tornillos
12. Cubierta del tablero eléctrico
13. Interruptor limitador térmico
14. Cable puente
15. Tablero eléctrico
16. Cable azul de límite de entrada de 38 cm (15 pulg.) (se muestra abajo)
17. Cable rojo de límite de salida de 38 cm (15 pulg.) (se muestra abajo)
18. Cable verde de 53 cm (21 pulg.) (se muestra abajo)
19. Pata de absorción inferior
20. Cable de entrada macho/hembra de +12 V color rojo y 38 cm (15 pulg.) (se muestra abajo)
21. Cable de salida de +12 V color azul y 53 cm (21 pulg.) (se muestra abajo)
22. Cable de alimentación del vehículo de 12 VCC
23. Cables del interruptor limitador térmico



Art02247

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

1 Attach Thermocouple / Installation du thermocouple / Fije el termopar

Note! Refer to page 2 for numbered call outs.

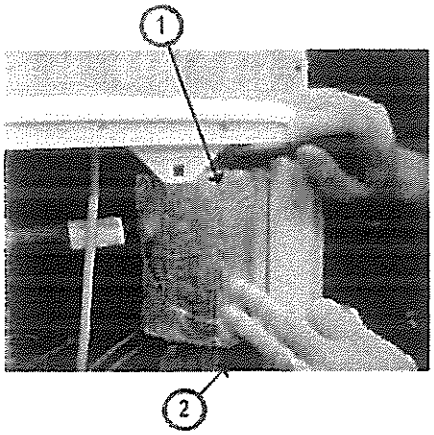
1. Position ① on ② 3" from top of ③ and mark guide lines on ②.
2. Cut ② along guide lines and remove cutout section.

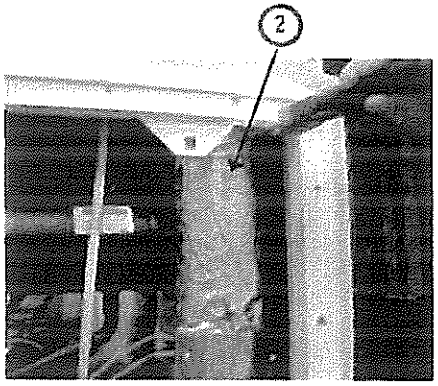
Remarque! Consultez la page 2 pour la nomenclature des pièces.

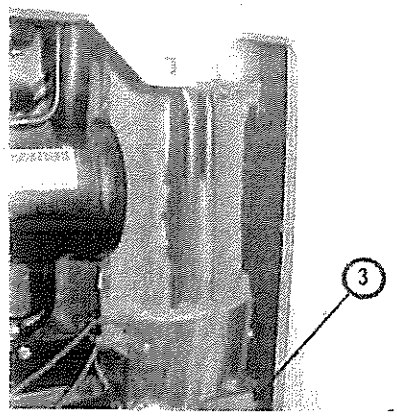
1. Placez ① sur ② à 7,6 cm (3 po) du haut de ③ et tracez des lignes de repère sur ②.
2. Coupez ② le long des lignes de repère et enlevez la section coupée.

¡Nota! Consulte la lista numerada de la página 2.

1. Coloque ① sobre el ② a 7.6 cm (3 pulg.) de la parte superior del ③ y marque las líneas guía en ②.
2. Corte el ② a lo largo de las líneas guía y retire la sección cortada.



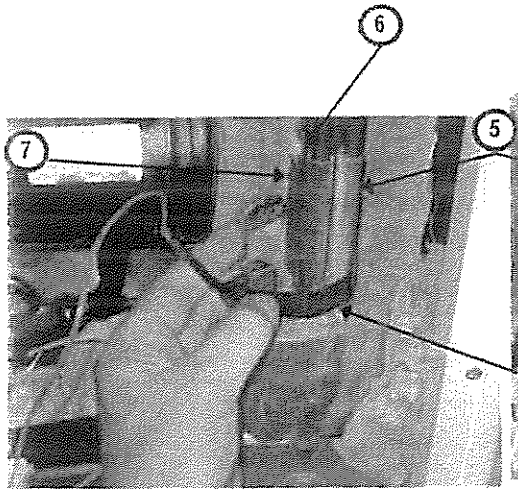


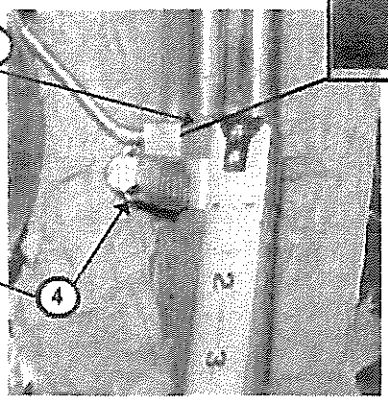


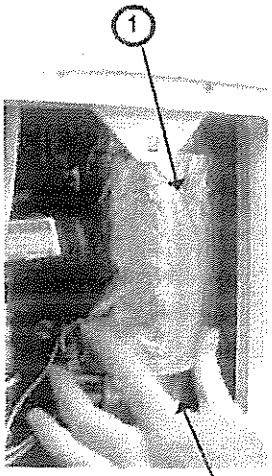
3. Position ④ around ⑤, ⑥ & ⑦ so the sensor is against ⑥ and is even with or within 1" of the top of ⑤.
4. Tighten ④. Torque to 23 in lb.
5. Position ① in cutout section of ② and secure with attached tape.

3. Positionnez ④ autour de ⑤, ⑥ et ⑦ de sorte que le capteur soit appuyé contre ⑥ et soit à égalité ou à moins de 2,5 cm (1 po) du haut de ⑤.
4. Serrez ④ à un couple de 23 po lb.
5. Positionnez ① dans la section découpée de ② et fixez le morceau avec du ruban.

3. Coloque el ④ alrededor de ⑤, ⑥ y ⑦, de tal manera que el sensor quede contra el ⑥ y a nivel o a menos de 2.5 cm (1 pulg.) de la parte superior de ⑤.
4. Apriete el ④ a 23 pulg.-lb.
5. Coloque el ① en la sección cortada de ② y asegure con la cinta anexa.







Questions?/Des questions?/¿Preguntas? 1-800-543-1219

2 Identify Power Board / Identification du circuit d'alimentation / Identifique el tablero eléctrico

Note! The high temperature monitoring kit can be wired two different ways. The wire connections depend on what power board is installed.

Note! Refer to page 2 for numbered call outs.

1. Identify power board
   - (9) = New Board (2 styles)
   - (10) = Old Board
2. If the unit is equipped with a new style power board (9) follow procedure 3a. If the unit is equipped with the old style power board (10) follow procedure 3b.

Remarque! L'ensemble de monitorage de haute température peut être connecté de deux façons différentes. Les connexions dépendent du type de circuit d'alimentation installé.

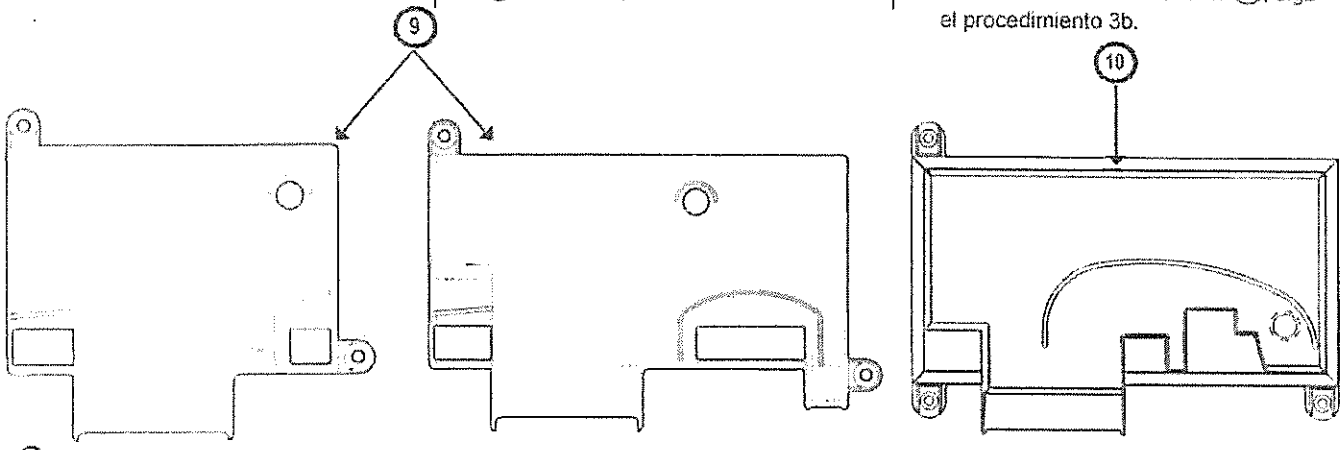
Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Identifiez le circuit d'alimentation
   - (9) = Nouveau circuit (2 styles)
   - (10) = Ancien circuit
2. Si l'appareil est muni de l'un des nouveaux circuits d'alimentation (9), suivez la procédure 3a. Si l'appareil est muni de l'ancien circuit d'alimentation (10), suivez la procédure 3b.

¡Nota! El juego de monitoreo de alta temperatura se puede cablear de dos maneras diferentes. Las conexiones de los cables dependen del tablero eléctrico que esté instalado.

¡Nota! Consulte la lista numerada de la página 2.

1. Identifique el tablero eléctrico.
   - (9) = Tablero nuevo (2 estilos)
   - (10) = Tablero anterior
2. Si la unidad está equipada con un tablero eléctrico con el estilo nuevo (9), siga el procedimiento 3a. Si la unidad está equipada con un tablero eléctrico con el estilo anterior (10), siga el procedimiento 3b.



3a Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3a) is for units equipped with the new style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Unplug AC power cord from RV receptacle.
2. Disconnect AC power cord from (9).
3. Disconnect DC input wires from (9).
4. Disconnect ignitor wire from (9).
5. Remove (11) x2 and (12).
6. If equipped with (13) disconnect and discard (23) x 2.
7. If not equipped with (13) disconnect and discard (14) from terminals Limit_In and Limit_Out on (15).

Remarque! Cette procédure (3a) convient uniquement à un appareil muni d'un nouveau circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Débranchez le cordon d'alimentation CA de la prise du véhicule récréatif.
2. Débranchez le cordon d'alimentation CA de (9).
3. Débranchez les fils d'entrée CC de (9).
4. Débranchez le fil d'allumage de (9).
5. Enlevez deux (11) et le (12).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Si l'appareil n'est pas muni de (13), débranchez et jetez (14) des bornes de limite d'entrée (Limit_In) et de limite de sortie (Limit_Out) sur (15).

¡Nota! Este procedimiento (3a) es únicamente para unidades equipadas con el tablero eléctrico con el estilo nuevo.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

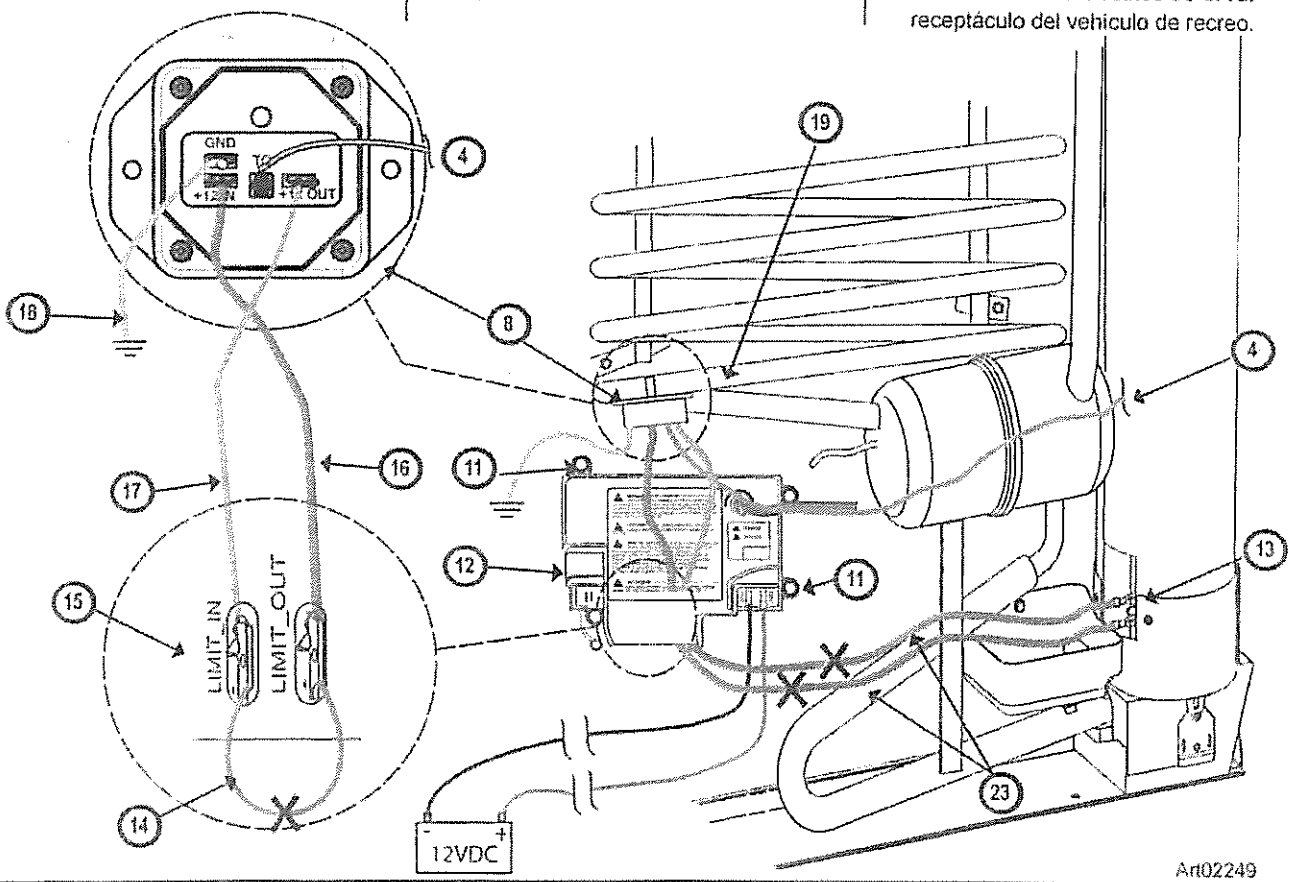
1. Desconecte el cable eléctrico de CA del receptáculo del vehículo de recreo.
2. Desconecte el cable eléctrico de CA de (9).
3. Desconecte los cables de entrada de CC de (9).
4. Desconecte el cable de encendido de (9).
5. Retire dos (11) y el (12).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Si no está equipado con (13), desconecte y deseche (14) de las terminales de límite de entrada y límite de salida en (15).

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

8. Connect .250" end of (16) to terminal +12V Out on (8)
9. Connect .187" end of (16) to terminal Limit_In on (15).
10. Connect .250" end of (17) wire to terminal +12V In on (8)
11. Connect .187" end of (17) to terminal Limit_Out on (15)
12. Install (12) and (11) x2
13. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
14. Connect connector from (4) to connector on (8)
15. Clip (8) to (19).
16. Connect ignitor wire to (9).
17. Connect DC input wires to (9).
18. Connect AC power cord to (9).
19. Plug AC power cord into RV receptacle.

8. Connectez l'extrémité de 6,35 mm (0,250 po) de (16) à la borne de sortie +12V de (8).
9. Connectez l'extrémité de 4,75 mm (0,187 po) de (16) à la borne de limite d'entrée (Limit_In) de (15).
10. Connectez l'extrémité de 6,35 mm (0,250 po) de (17) à la borne +12V de (8).
11. Connectez l'extrémité de 4,75 mm (0,187 po) de (17) à la borne de limite de sortie (Limit_Out) de (15).
12. Installez (12) et deux (11).
13. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
14. Raccordez le connecteur de (4) au connecteur de (8).
15. Fixez (8) sur (19).
16. Branchez le fil d'allumage sur (9)
17. Branchez les fils d'entrée CC de (9).
18. Branchez le cordon d'alimentation CA sur (9).
19. Branchez le cordon d'alimentation CA dans la prise du véhicule récréatif.

8. Conecte el extremo de 6.35 mm (0.25 pulg.) de (16) a la salida de +12 V de la terminal en (8)
9. Conecte el extremo de 4.75 mm (0.187 pulg.) a la entrada limitadora de la terminal en (15).
10. Conecte el extremo de 6.35 mm (0.25 pulg.) del cable (17) a la entrada de +12 V de la terminal en (8)
11. Conecte el extremo de 4.75 mm (0.187 pulg.) (17) a la salida limitadora de la terminal en (15).
12. Instale (12) y dos (11).
13. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
14. Conecte el conector de (4) al conector en (8).
15. Sujete el (8) al (19).
16. Conecte el cable del encendedor a (9).
17. Conecte los cables de entrada de CC a (9).
18. Conecte el cable eléctrico de CA a (9).
19. Conecte el cable eléctrico de CA al receptáculo del vehículo de recreo.



Note! This procedure (3b) is for units equipped with the old style power board only

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Connect female end of (20) to terminal +12V IN on (8).
2. Connect one end of (21) to terminal +12V Out on (8).
3. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
4. Connect connector from (4) to connector on (8).
5. Clip (8) to (19).
6. If equipped with (13) disconnect and discard (23) x 2.
7. Connect male end of (20) to (22).
8. Connect other end of (21) to terminal 12VDC on (15).

Remarque! Cette procédure (3b) convient uniquement à un appareil muni d'un ancien circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

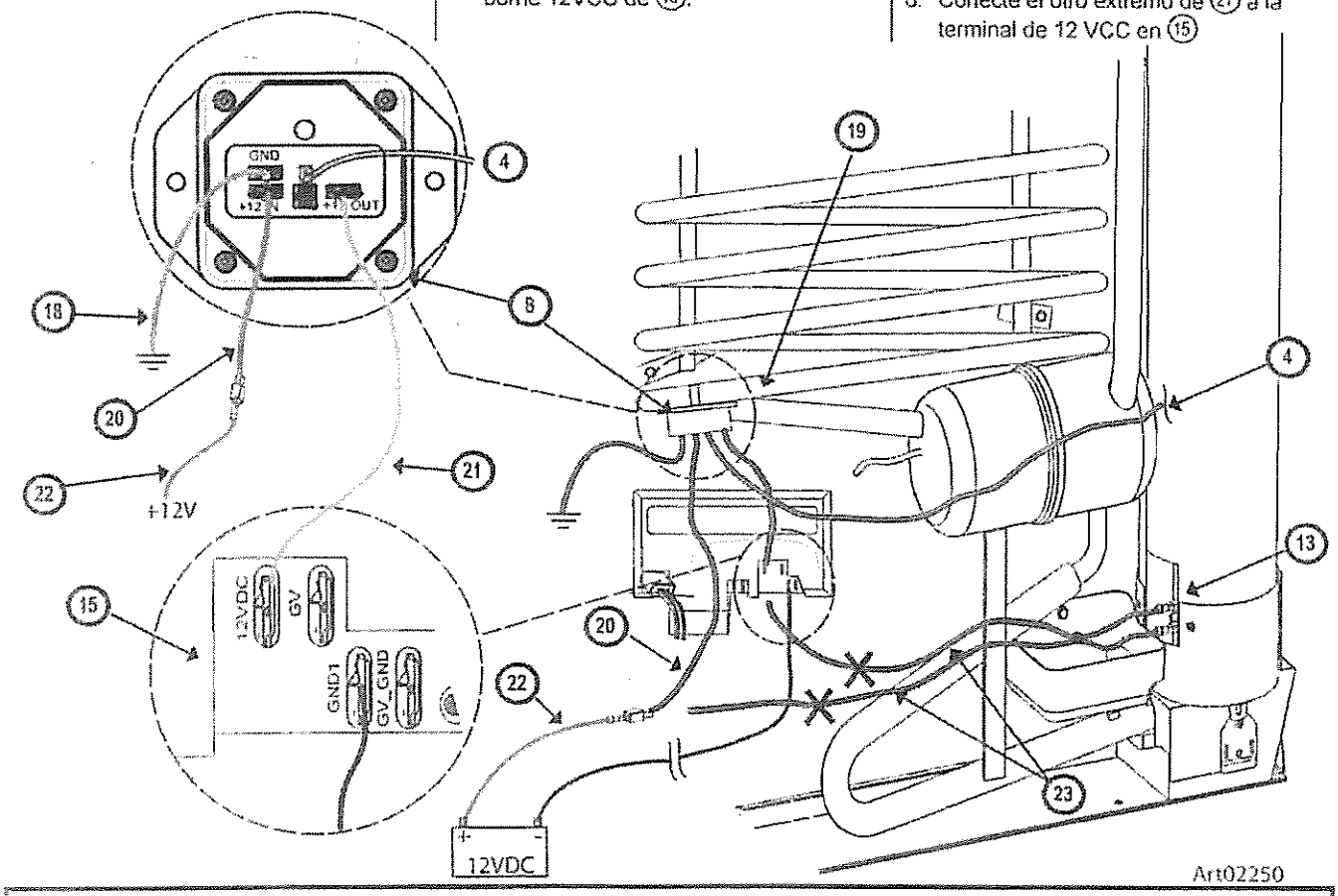
1. Connectez l'extrémité femelle de (20) à la borne d'entrée +12V (+12V IN) de (8).
2. Connectez une extrémité de (21) à la borne de sortie +12V (+12V Out) de (8).
3. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
4. Raccordez le connecteur de (4) au connecteur de (8).
5. Fixez (8) sur (19).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Connectez l'extrémité mâle de (20) sur (22).
8. Connectez l'autre extrémité de (21) à la borne 12VCC de (15).

¡Nota! Este procedimiento (3b) es únicamente para unidades equipadas con el tablero eléctrico con el estilo anterior.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

1. Conecte el extremo hembra de (20) a la terminal de +12 V en (8).
2. Conecte un extremo de (21) a la terminal de salida de +12 V en (8).
3. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
4. Conecte el conector de (4) al conector en (8).
5. Sujete el (8) al (19).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Conecte el extremo macho de (20) a (22).
8. Conecte el otro extremo de (21) a la terminal de 12 VCC en (15).



Art02250

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

AUG 0 8 2011

Via Certified Mail
Mr. Walt Barnes
Techworks
3715 Hilltop Drive
Elkhart, IN 46516

NVS-215aa
EQ10-010
10E-049

Subject: Second Request for Information- Response Required

Dear Mr. Barnes:

On January 13, 2011, we wrote to your company as part of an ongoing investigation being conducted by the National Highway Traffic Safety Administration (NHTSA) about a safety issue involving certain 1200 series refrigerators that were manufactured by Norcold, Inc. (Norcold) and sold to your company for further installation into motor vehicles. Your company's response to that letter was due to NHTSA within 10 days of receipt. At this time, we have not received your response.

A copy of our original letter is enclosed with this letter.

This letter is being sent in order to remind your company that it must respond to the earlier letter and that your company may have additional obligations under Federal law as we explained in the earlier letter.

A written response to our earlier letter must be submitted to this office within 7 days of your receipt of this letter. Response submission may be made by US Mail to the address listed therein, fax to (202) 366-7882, or e-mail rmd.odi@dot.gov.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, Your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to

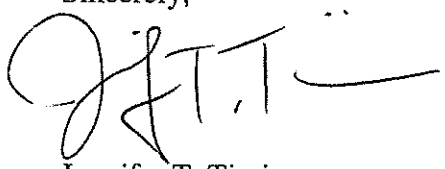
be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49 and to request reports and the production of things. It constitutes a new request for information. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163. (Other remedies and sanctions are available as well.) Section 5(a) of the TREAD Act, codified at 49 U.S.C. § 30165(b), provides for civil penalties of up to $6,000 per day, with a maximum of $17,350,000 for a related series of violations, for failing or refusing to perform an act required under 49 U.S.C. § 30166. See 49 CFR 578.6 (as amended by 75 Fed. Reg. 79978 (Dec. 21, 2010)). This includes failing to respond to ODI information requests.

I urge your company to comply with this information request in order to ensure that these important issues relating to motor vehicle safety are promptly addressed, and in order to avoid a potential enforcement action against the company in addition to substantial penalties for its failure to respond to an inquiry issued during an official investigation.

Should you have any questions regarding this inquiry, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov.

Sincerely,



Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

ENDER: COMPLETE THIS SECTION

Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
Print your name and address on the reverse so that we can return the card to you.
Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

Techworks
2500 South Nappanee St
Elkhart, IN 46516
Attn: Warranty / Compliance Division

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Sharon Barnes ☐ Agent ☐ Addressee

B. Received by (Printed Name) SHARON BARNES
C. Date of Delivery 2-14-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

Mail ☐ Express Mail
d ☐ Return Receipt for Merchandise
Mail ☐ C.O.D.

elivery? (Extra Fee) ☐ Yes

Article Number (Transfer from service label) 7008 1830 0001 4173 4629

Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

U.S. Department
of Transportation
**National Highway
Traffic Safety
Administration**

1200 New Jersey Avenue SE
Washington, DC 20590

JAN 13 2011

Via USPS Certified Mail
Techworks
Warranty / Compliance Division
3715 Hilltop Drive
Elkhart, IN 46516

NVS-215aa
EQ10-010
10E-049

Re: Safety Recall 10E-049

Dear Sir or Madam:

The purpose of this letter is to make you aware of a potential safety problem in vehicles that you manufactured and to remind you of your responsibilities under Federal law. We also request a written response from your company upon processing the required information outlined below.

The Office of Defects Investigation (ODI), Recall Management Division (RMD) is conducting an equipment query (EQ) investigation in relation to certain Norcold brand refrigerators that the manufacturer has decided contain a safety related defect that could cause a vehicle fire. This investigation has been assigned the identification EQ10-010.

In a letter dated October 7, 2010, Norcold, Inc. (Norcold) notified the NHTSA that it had decided certain 1200 series refrigerators, manufactured between January 1, 2003, and October 6, 2006, contain a safety related defect. Norcold stated that certain refrigerators contain either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. Norcold intends to install a thermocouple to improve the response time of this high temperature detection and further reduce the possibility of fire within these units. Should a fire occur within a refrigerator installed into a recreational vehicle, both personal injury and property damage are possible. NHTSA assigned recall number 10E-049 to this matter. Copies of the respective notifications are enclosed for your information.

Norcold listed Techworks (your company) as a purchaser of 1 of these defective refrigerators.

Pursuant to Federal law, manufacturers of motor vehicles sold, offered for sale, delivered, or imported into the United States must notify NHTSA, within five (5) business days, when they first learn a safety defect or a noncompliance with a Federal Motor Vehicle Safety Standard exists in one of their vehicles. In the case of a defect or noncompliance in original equipment installed in the vehicles of more than one manufacturer, notification to NHTSA must be made by the original equipment manufacturer as to the equipment item, and by each vehicle manufacturer as to those vehicles it manufactured in which the defective equipment

was installed. The content of that notification is specified in 49 U.S.C. 573.6, Defect and Noncompliance Information Report. As of this date, we have not received the required report from your company.

This letter serves to remind you of your company's responsibilities, and to request that you make a timely defect decision and supply the requisite Defect Information Report. Guidance is provided in the following paragraphs to assist you in determining whether or not you are required to file a report. If you are required to file a report, please provide the information required by 49 CFR 573.6. Detailed information about that report follows. Additionally, please include the date on which you received notification of this matter from Norcold.

Please Note: A person/company that *alters* new vehicles with the installation of these refrigerators may also be required to file a Defect Information Report with NHTSA. Should this equipment be installed on a vehicle that is then sold to the first retail purchaser, a Defect Information Report will be required. Should you have any questions regarding your company's obligations in this matter, please contact Alex Ansley of NHTSA RMD at (202) 493-0481 or alexander.ansley@dot.gov.

In view of this fire risk, and your company's obligations under Federal law, we are also reminding your company that it is required to issue timely notification to owners who may have purchased vehicles with the defective refrigerators. In advance of issuing its owner notification letters, your company must submit a draft of its letter to NHTSA for review. Your company is reminded that this letter must meet the requirements of 49 CFR 577.5, "Notification pursuant to a manufacturer's decision." Your company is further reminded that notifications must be sent to those persons registered under State law as the owners of the vehicles. If particular owners cannot be reasonably ascertained by State records, notifications must be sent to those persons you identify as the most recent purchasers. We are also reminding your company that it is required to notify dealers and distributors as required by 49 CFR 577.13.

Please further note that you must file six quarterly recall status reports as required by 49 CFR 573.7. These reports are to be filed on consecutive yearly quarters beginning with the quarter in which notification to owners begins.

If your company has not received any of this equipment, or if your products are not available to be sold, offered for sale, delivered, or imported into the United States, please so state. If your company does not agree with Norcold that a defect exists in these refrigerators, you must submit a written response explaining your decision including all supporting documents, analysis, and/or test reports.

This letter is being sent to your company pursuant to 49 U.S.C. § 30166, which authorizes NHTSA to conduct any investigation that may be necessary to enforce Chapter 301 of Title 49. Your company's failure to respond promptly and fully to this letter could subject your company to civil penalties pursuant to 49 U.S.C. § 30165 or lead to an action for injunctive relief pursuant to 49 U.S.C. § 30163.

If your company claims that any of the information or documents provided in response to this information request constitute confidential commercial material within the meaning of 5 U.S.C. § 552(b)(4), or are protected from disclosure pursuant to 18 U.S.C. § 1905, your company must submit supporting information together with the materials that are the subject of the confidentiality request, in accordance with 49 CFR Part 512, as amended (69 Fed. Reg. 21409 et seq; April 21, 2004), to the Office of Chief Counsel (NCC-111), National Highway

Traffic Safety Administration, Room W41-227, 1200 New Jersey Avenue, S.E., Washington, D.C. 20590. Your company is required to submit two copies of the documents containing allegedly confidential information (except only one copy of blueprints) and one copy of the documents from which information claimed to be confidential has been deleted. Please remember that the word "CONFIDENTIAL" must appear at the top of each page containing information claimed to be confidential, and the information must be clearly identified in accordance with 5 U.S.C. § 512.6.

Your company's written response must be submitted to this office within 10 days of receiving this letter. In your response, please be certain to include a reference to this matter's identification number which is EQ10-010.

If you have any questions concerning this matter, please contact Alex Ansley of my staff at (202) 493-0481 or by e-mail at alexander.ansley@dot.gov. Response submissions may be made by US Mail, fax (202) 366-7882, or e-mail rmd.odi@dot.gov.

Sincerely,

Jennifer T. Timian
Chief, Recall Management Division
Office of Defects Investigation
Enforcement

Enclosures

10E-049
(8 pages)

October 7, 2010

Associate Administrator for Safety Assurance (NSA-01)
National Highway Traffic Safety Administration
400 7th Street, SW
Washington, DC 20590

Re: Norcold refrigerator model numbers; 1200AC, 1200ACIM, 1200LR, 1200LRIM, 1201LRIM, 1210AC, 1210ACIM, 1210, 1210IM and 1211IM

Dear Associate Administrator:

Norcold, Inc. manufactures gas absorption refrigerators which are sold for application in Recreational Vehicles ("RVs"). Norcold has voluntarily recalled models 1200AC, 1200ACIM, 1200LR, 1200LRIM, and 1201LRIM under previously issued NHTSA recalls identified as 02E-045, 08E-030, 09E-026 and 09E-027. These recalls covered cooling units installed on the 1200 series product manufactured from December 1996 up through December 2002. Recalls 08E-030, 09E-026 and 09E-027 involved the installation of a thermal switch on the cooling units manufactured from December 1996 through December 2002. With the action taken with this letter Norcold is voluntarily extending a recall of all 1200, 1201, 1210 and 1211 models to include units produced from January 1, 2003 to October 6, 2010.

The population of refrigerators being addressed contains either a sensing algorithm or a thermal switch to interrupt power to the refrigerator when it detects high temperatures that could lead to a fire. The defect being addressed is the response time of the sensing algorithm and the thermal switch. The remedy is to affix a thermocouple, with a faster response time, to all refrigerators equipped with a sensing algorithm or a thermal switch.

Therefore, the recall population will be extended to include all model 1200, 1201, 1210 and 1211 cooling units with serial numbers from 700000 to 13085759, non consecutively.

We are planning a vehicle safety recall campaign with respect to this entire population to notify OEMs, distributors, dealers, service centers and vehicle owners of the hazard and to offer a free remedy to prevent temperature elevation that could allow a fire, should this failure mode arise. As soon as the notification letters are prepared, which will be sent to the OEMs, distributors, dealers, service centers and vehicle owners regarding this additional safety recall we will submit them to you along with any other information needed to comply with NHTSA notification requirements. We expect to have parts available for this remedy work to begin in October of 2010.

Sincerely,

J. David Roberts

J. David Roberts
Vice President
Norcold, Inc.

Regional
23606 Cooper Drive
Elkhart, IN 46515
Phone: 219-266-5660
Fax: 219-266-5779

Headquarters
600 S. Kuther Road
P.O. Box 180
Sidney, OH 45365
Phone: 937-497-3080
General Fax: 937-497-3085
Administrative Fax: 937-497-3167

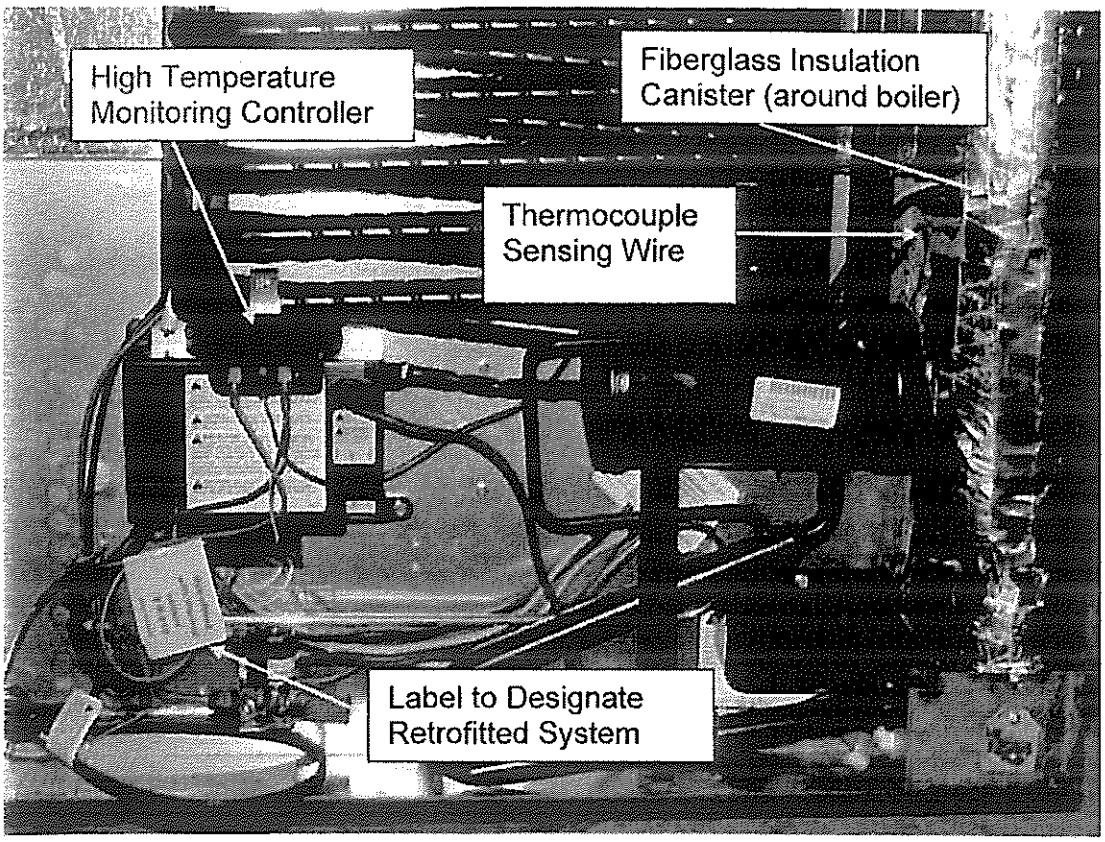
Gettysburg
1 Century Drive
Gettysburg, OH 45328
Phone: 937-447-2241
Fax: 937-497-3074

October 7, 2010

Information on the Recall Upgrade

Norcold is installing a thermocouple on all 1200LR, 1200LRIM, 1201LR, 1201LRIM, 1210 and 1210IM directly to the generator area of the cooling unit to detect abnormally high temperatures. When the thermocouple detects a generator operating at an unacceptably high temperature the contacts of the high temperature monitor open and disables all power sources for the refrigerator thereby preventing the generator temperature from climbing to a potentially dangerous level.

Norcold uses this same thermocouple and high temperature monitor in the manufacture of all new 1210 refrigerators. One refrigerator is illustrated below. By applying the same components to the older models in the recall program, the older cabinets are upgraded to the same level of safety as our current production models.



NORCOLD INC.

P.O. Box 1285
Ann Arbor, MI 48106

www.norcold.com

Service Kit
Ensemble de réparation
Juego de servicio

High Temperature Monitoring Control Kit 634737 For 1200, 1210 Series

Ensemble de commande de monitorage de haute température 634737 pour les séries 1200, 1210

Juego de control para monitoreo de alta temperatura 634737 para las series 1200 y 1210

Kit Contents :

- (1) Temperature Monitoring Control
- (1) Thermocouple (muffler clamp)
- (1) Insulation plug
- (1) Wire, +12V Out
- (1) Wire, +12V In
- (1) Ground Wire
- (1) Rework label
- (1) Limit In Wire
- (1) Limit Out Wire
- (1) Warranty Claim Card
- (1) Service Kit Literature

Tools Needed:

- Nut driver set
- Long Blade Razor Knife
- In Lb Torque Wrench
- 5/16" socket

Warning! The following procedure is to be performed by authorized service personnel only. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage.

Note! Kit instructions are intended to be used with the support of the proper service manual.

Note! In the event that the rear of the unit is not accessable, refer to the owners manual for removal and installation procedure.

Purpose

To detect improper operation of the cooling unit by monitoring the surface temperature of the boiler. In the event an abnormally high temperature is detected, all heat source outputs to the cooling unit will be disabled. This condition is non resettable and must be serviced by an authorized service center.

Procedures

To install the kit, complete the steps in the order presented on the following pages.

L'ensemble contient :

- (1) Commande de monitorage de température
- (1) Thermocouple (bride de fixation)
- (1) Embout isolant
- (1) Fil, sortie +12V
- (1) Fil, entrée +12V
- (1) Fil de masse
- (1) Étiquette de réfection
- (1) Fil de limite d'entrée
- (1) Fil de limite de sortie
- (1) Carte de garantie
- (1) Documentation de l'ensemble de réparation

Outils requis :

- Jeu de tournevis à douille
- Couteau à lame longue
- Clé dynamométrique po / lb
- Douille 5/16 po

Avertissement! La procédure suivante ne doit être exécutée que par un technicien autorisé. Une installation, un ajustement, une modification, une réparation ou un entretien incorrects peuvent causer des blessures ou des dommages matériels.

Remarque! Les instructions de cet ensemble doivent être utilisées en complément du manuel d'entretien approprié.

Remarque! Si l'arrière de l'appareil n'est pas accessible, consultez le manuel de l'utilisateur pour connaître la procédure d'enlèvement et d'installation.

Usage

Détecter un fonctionnement incorrect de l'unité de refroidissement en surveillant la température de surface de la chaudière. Si une température anormalement élevée est détectée, toutes les sources de chaleur de l'unité de refroidissement seront désactivées. Cet état ne peut être suivi d'un réamorçage et doit être confié à un centre de service agréé.

Procédure

Pour installer l'ensemble, suivez les étapes présentées aux pages suivantes.

El juego contiene:

- (1) Control para monitoreo de temperatura
- (1) Termopar (abrazadera reguladora)
- (1) Tapón de aislamiento
- (1) Cable, para salida de +12 V
- (1) Cable, para entrada de +12 V
- (1) Cable de tierra
- (1) Etiqueta de retrabajo
- (1) Cable limitador de entrada
- (1) Cable limitador de salida
- (1) Tarjeta para reclamo de garantía
- (1) Información escrita sobre el juego de servicio

Herramientas necesarias:

- Juego de impulsores de tuercas
- Navaja de cuchilla larga
- Llave de torsión en pulg.-lb
- Dado de 5/16 pulg.

¡Advertencia! El siguiente procedimiento lo debe realizar únicamente el personal de servicio autorizado. Las alteraciones o los procedimientos incorrectos de instalación, ajuste, servicio o mantenimiento pueden causar lesiones o daños materiales.

¡Nota! Las instrucciones del juego están diseñadas para usarse con el respaldo del manual de servicio adecuado.

¡Nota! En caso de que la parte trasera de la unidad no esté accesible, consulte el procedimiento de retiro e instalación en el manual del propietario.

Propósito

Detectar el funcionamiento inadecuado de la unidad de enfriamiento al monitorear la temperatura superficial de la caldera. En caso de detectar una temperatura anormalmente alta, todas las salidas de la fuente de calor hacia la unidad de enfriamiento quedarán inhabilitadas. Esta condición no es reiniciable, y debe recibir servicio de un centro de servicio autorizado.

Procedimientos

Para instalar el juego, realice los pasos en el orden indicado en las páginas siguientes.

References

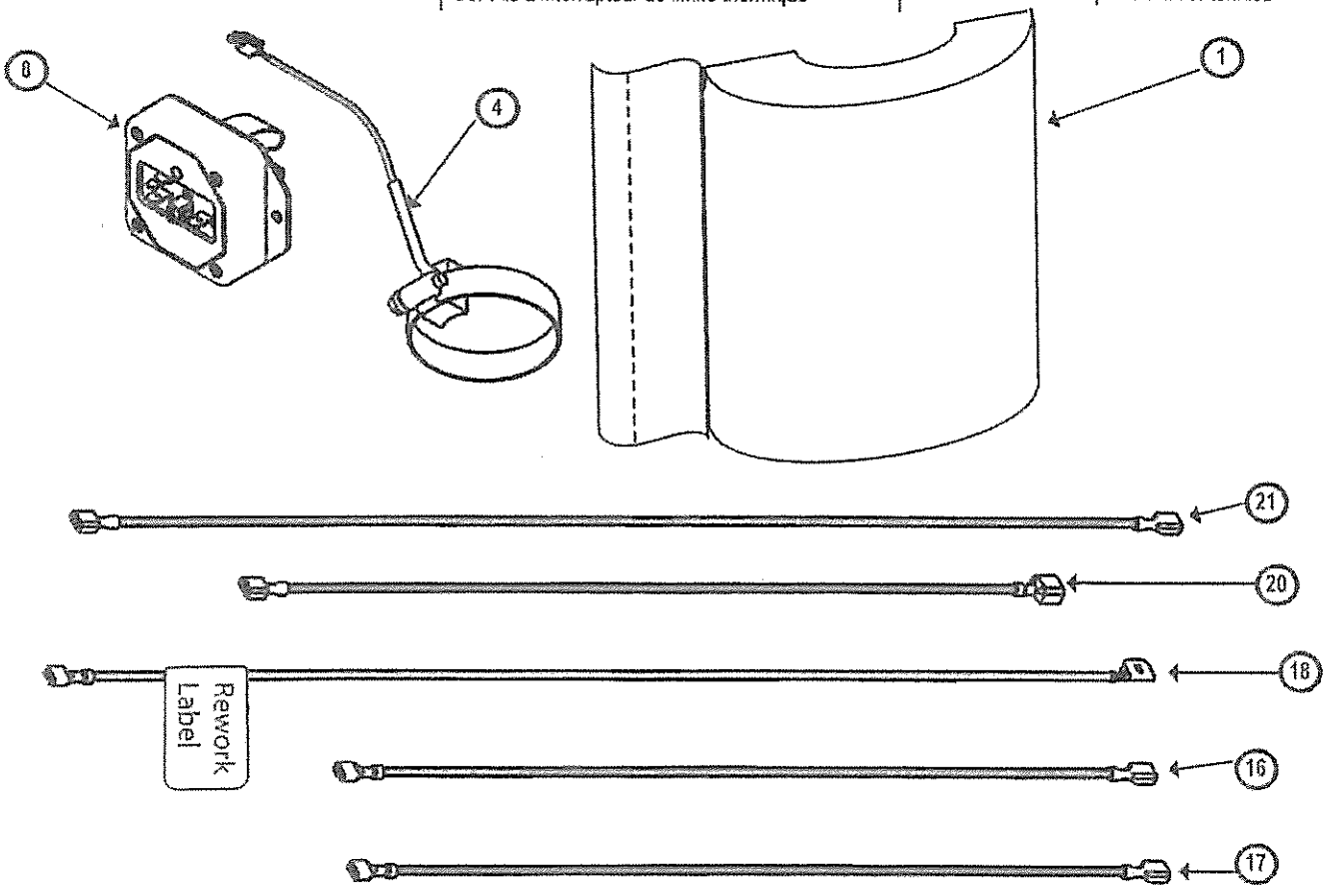
1. Insulation Plug (shown below)
2. Insulation
3. Burner Box
4. Thermocouple (shown below)
5. Heater Tubes
6. Boiler
7. Flue Tube
8. Temp Monitoring Control (shown below)
9. New Style Power Board
10. Old Style Power Board
11. Screws
12. Power Board Cover
13. Thermal Limit Switch
14. Jumper Wire
15. Power Board
16. 15" Blue Limit In Wire (shown below)
17. 15" Red Limit Out Wire (shown below)
18. 21" Green Wire (shown below)
19. Bottom Absorber Leg
20. 15" Red +12V In Wire Male/Female (shown below)
21. 21" Blue +12V Out Wire (shown below)
22. Vehicle Supply Wire 12V DC
23. Thermal Limit Switch Wires

Références

1. Embout isolant (illustré ci-dessous)
2. Isolant
3. Boîte de brûleur
4. Thermocouple (illustré ci-dessous)
5. Tuyaux de chauffage
6. Chaudière
7. Tube d'évacuation
8. Commande de monitorage de température (illustré ci-dessous)
9. Nouveau circuit d'alimentation
10. Ancien circuit d'alimentation
11. Vis
12. Couvercle du circuit d'alimentation
13. Interrupteur de limite thermique
14. Fil volant
15. Circuit d'alimentation
16. Fil de limite d'entrée bleu 38 cm (15 po) (illustré ci-dessous)
17. Fil de limite de sortie rouge 38 cm (15 po) (illustré ci-dessous)
18. Fil vert 53 cm (21 po) (illustré ci-dessous)
19. Pied amortisseur inférieur
20. Fil d'entrée rouge +12V de 38 cm (15 po) mâle / femelle (illustré ci-dessous)
21. Fil de sortie bleu +12V de 53 cm (21 po) (illustré ci-dessous)
22. Fil d'alimentation du véhicule 12V CC
23. Fils d'interrupteur de limite thermique

Referencias

1. Tapón de aislamiento (se muestra más abajo)
2. Aislamiento
3. Caja del quemador
4. Termopar (se muestra abajo)
5. Tubos del calefactor
6. Caldera
7. Tubo de humos
8. Control de monitoreo de temperatura (se muestra abajo)
9. Tablero eléctrico de estilo nuevo
10. Tablero eléctrico de estilo anterior
11. Tornillos
12. Cubierta del tablero eléctrico
13. Interruptor limitador térmico
14. Cable puente
15. Tablero eléctrico
16. Cable azul de límite de entrada de 38 cm (15 pulg.) (se muestra abajo)
17. Cable rojo de límite de salida de 38 cm (15 pulg.) (se muestra abajo)
18. Cable verde de 53 cm (21 pulg.) (se muestra abajo)
19. Pata de absorción inferior
20. Cable de entrada macho/hembra de +12 V color rojo y 38 cm (15 pulg.) (se muestra abajo)
21. Cable de salida de +12 V color azul y 53 cm (21 pulg.) (se muestra abajo)
22. Cable de alimentación del vehículo de 12 VCC
23. Cables del interruptor limitador térmico



Art02247

Questions?/Des questions?/¿Preguntas? 1-800-543-1219

1 Attach Thermocouple / Installation du thermocouple / Fije el termopar

Note! Refer to page 2 for numbered call outs.

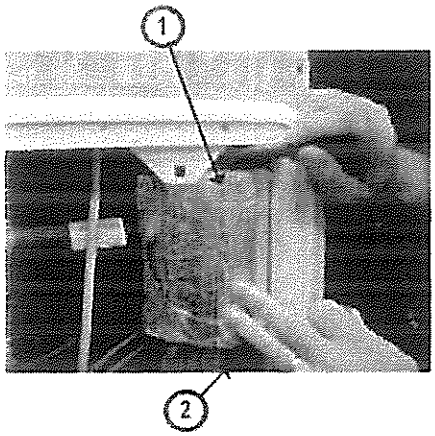
1. Position ① on ② 3" from top of ③ and mark guide lines on ②.
2. Cut ② along guide lines and remove cutout section.

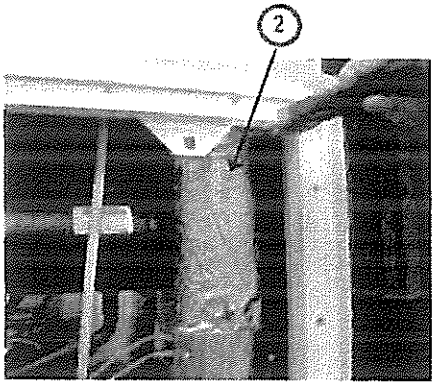
Remarque! Consultez la page 2 pour la nomenclature des pièces.

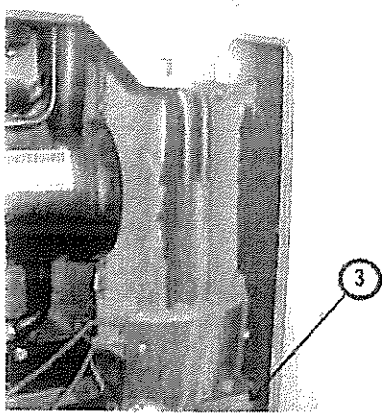
1. Placez ① sur ② à 7,6 cm (3 po) du haut de ③ et tracez des lignes de repère sur ②.
2. Coupez ② le long des lignes de repère et enlevez la section coupée.

¡Nota! Consulte la lista numerada de la página 2.

1. Coloque ① sobre el ② a 7,6 cm (3 pulg.) de la parte superior del ③ y marque las líneas guía en ②.
2. Corte el ② a lo largo de las líneas guía y retire la sección cortada.



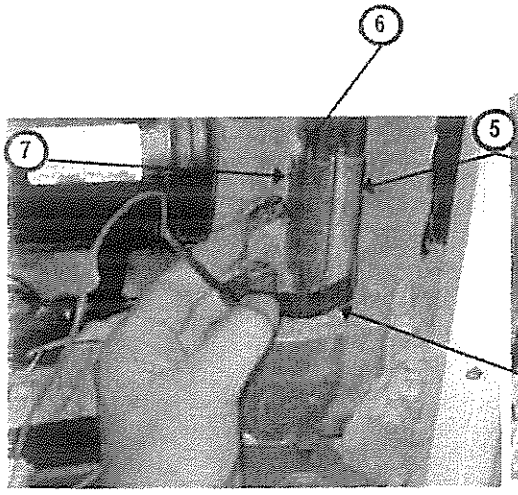


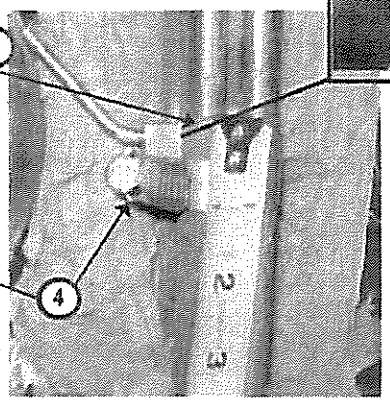


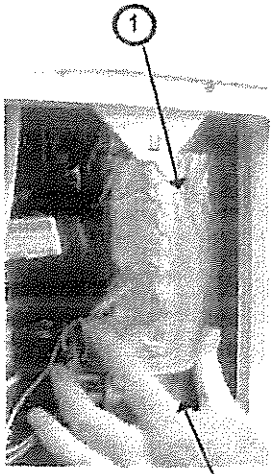
3. Position ④ around ⑤, ⑥ & ⑦ so the sensor is against ⑥ and is even with or within 1" of the top of ⑤.
4. Tighten ④. Torque to 23 in lb.
5. Position ① in cutout section of ② and secure with attached tape.

3. Positionnez ④ autour de ⑤, ⑥ et ⑦ de sorte que le capteur soit appuyé contre ⑥ et soit à égalité ou à moins de 2,5 cm (1 po) du haut de ⑤.
4. Serrez ④ à un couple de 23 po lb.
5. Positionnez ① dans la section découpée de ② et fixez le morceau avec du ruban.

3. Coloque el ④ alrededor de ⑤, ⑥ y ⑦, de tal manera que el sensor quede contra el ⑥ y a nivel o a menos de 2.5 cm (1 pulg.) de la parte superior de ⑤.
4. Apriete el ④ a 23 pulg.-lb.
5. Coloque el ① en la sección cortada de ② y asegure con la cinta anexa.







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2 Identify Power Board / Identification du circuit d'alimentation / Identifique el tablero eléctrico

Note! The high temperature monitoring kit can be wired two different ways. The wire connections depend on what power board is installed.

Note! Refer to page 2 for numbered call outs.

1. Identify power board
   - (9) = New Board (2 styles)
   - (10) = Old Board
2. If the unit is equipped with a new style power board (9) follow procedure 3a. If the unit is equipped with the old style power board (10) follow procedure 3b.

Remarque! L'ensemble de monitorage de haute température peut être connecté de deux façons différentes. Les connexions dépendent du type de circuit d'alimentation installé.

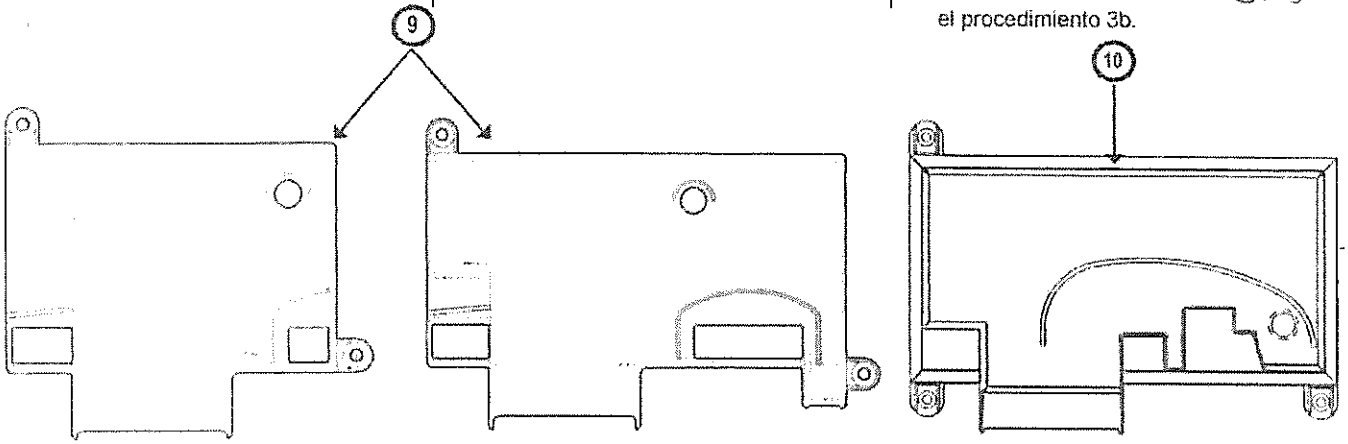
Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Identifiez le circuit d'alimentation
   - (9) = Nouveau circuit (2 styles)
   - (10) = Ancien circuit
2. Si l'appareil est muni de l'un des nouveaux circuits d'alimentation (9), suivez la procédure 3a. Si l'appareil est muni de l'ancien circuit d'alimentation (10), suivez la procédure 3b.

¡Nota! El juego de monitoreo de alta temperatura se puede cablear de dos maneras diferentes. Las conexiones de los cables dependen del tablero eléctrico que esté instalado.

¡Nota! Consulte la lista numerada de la página 2.

1. Identifique el tablero eléctrico.
   - (9) = Tablero nuevo (2 estilos)
   - (10) = Tablero anterior
2. Si la unidad está equipada con un tablero eléctrico con el estilo nuevo (9), siga el procedimiento 3a. Si la unidad está equipada con un tablero eléctrico con el estilo anterior (10), siga el procedimiento 3b.



3a Install Control and Wiring / Installation et raccordement de la commande / Instale el control y el cableado

Note! This procedure (3a) is for units equipped with the new style power board only.

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Unplug AC power cord from RV receptacle.
2. Disconnect AC power cord from (9).
3. Disconnect DC input wires from (9).
4. Disconnect ignitor wire from (9).
5. Remove (11) x2 and (12).
6. If equipped with (13) disconnect and discard (23) x 2.
7. If not equipped with (13) disconnect and discard (14) from terminals Limit_In and Limit_Out on (15)

Remarque! Cette procédure (3a) convient uniquement à un appareil muni d'un nouveau circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Débranchez le cordon d'alimentation CA de la prise du véhicule récréatif.
2. Débranchez le cordon d'alimentation CA de (9).
3. Débranchez les fils d'entrée CC de (9).
4. Débranchez le fil d'allumage de (9).
5. Enlevez deux (11) et le (12).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Si l'appareil n'est pas muni de (13), débranchez et jetez (14) des bornes de limite d'entrée (Limit_In) et de limite de sortie (Limit_Out) sur (15).

¡Nota! Este procedimiento (3a) es únicamente para unidades equipadas con el tablero eléctrico con el estilo nuevo.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2

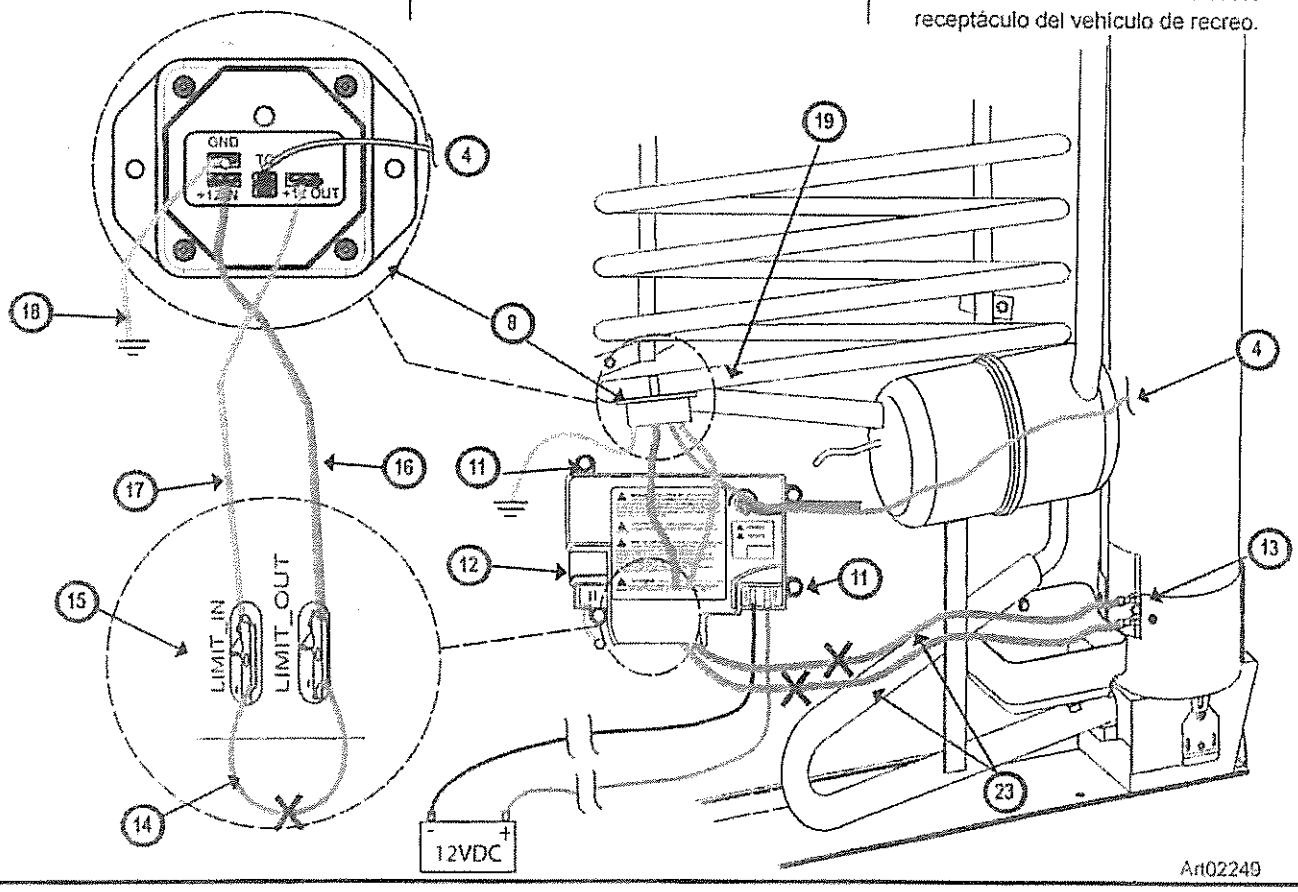
1. Desconecte el cable eléctrico de CA del receptáculo del vehículo de recreo.
2. Desconecte el cable eléctrico de CA de (9).
3. Desconecte los cables de entrada de CC de (9).
4. Desconecte el cable de encendido de (9).
5. Retire dos (11) y el (12).
6. Si está equipado con (13), desconecte y deseche dos (23)
7. Si no está equipado con (13), desconecte y deseche (14) de las terminales de límite de entrada y límite de salida en (15).

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8. Connect .250" end of (16) to terminal +12V Out on (8)
9. Connect .187" end of (16) to terminal Limit_In on (15).
10. Connect .250" end of (17) wire to terminal +12V In on (8)
11. Connect .187" end of (17) to terminal Limit_Out on (15)
12. Install (12) and (11) x2.
13. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
14. Connect connector from (4) to connector on (8).
15. Clip (8) to (19).
16. Connect ignitor wire to (9)
17. Connect DC input wires to (9).
18. Connect AC power cord to (9).
19. Plug AC power cord into RV receptacle.

8. Connectez l'extrémité de 6,35 mm (0,250 po) de (16) à la borne de sortie +12V de (8).
9. Connectez l'extrémité de 4,75 mm (0,187 po) de (16) à la borne de limite d'entrée (Limit_In) de (15).
10. Connectez l'extrémité de 6,35 mm (0,250 po) de (17) à la borne +12V de (8).
11. Connectez l'extrémité de 4,75 mm (0,187 po) de (17) à la borne de limite de sortie (Limit_Out) de (15).
12. Installez (12) et deux (11).
13. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
14. Raccordez le connecteur de (4) au connecteur de (8).
15. Fixez (8) sur (19).
16. Branchez le fil d'allumage sur (9).
17. Branchez les fils d'entrée CC de (9).
18. Branchez le cordon d'alimentation CA sur (9).
19. Branchez le cordon d'alimentation CA dans la prise du véhicule récréatif.

8. Conecte el extremo de 6.35 mm (0.25 pulg.) de (16) a la salida de +12 V de la terminal en (8).
9. Conecte el extremo de 4.75 mm (0.187 pulg.) a la entrada limitadora de la terminal en (15).
10. Conecte el extremo de 6.35 mm (0.25 pulg.) del cable (17) a la entrada de +12 V de la terminal en (8).
11. Conecte el extremo de 4.75 mm (0.187 pulg.) (17) a la salida limitadora de la terminal en (15).
12. Instale (12) y dos (11).
13. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
14. Conecte el conector de (4) al conector en (8).
15. Sujete el (8) al (19).
16. Conecte el cable del encendedor a (9).
17. Conecte los cables de entrada de CC a (9).
18. Conecte el cable eléctrico de CA a (9).
19. Conecte el cable eléctrico de CA al receptáculo del vehículo de recreo.



Note! This procedure (3b) is for units equipped with the old style power board only

Note! If the unit was equipped with a high temperature switch, the switch will no longer be used.

Note! Refer to page 2 for numbered call outs.

1. Connect female end of (20) to terminal +12V IN on (8).
2. Connect one end of (21) to terminal +12V Out on (8).
3. Connect .187" end of (18) to terminal GND on (8) and connect the spring clip end to gas valve bracket.
4. Connect connector from (4) to connector on (8).
5. Clip (8) to (19).
6. If equipped with (13) disconnect and discard (23) x 2.
7. Connect male end of (20) to (22).
8. Connect other end of (21) to terminal 12VDC on (15).

Remarque! Cette procédure (3b) convient uniquement à un appareil muni d'un ancien circuit d'alimentation.

Remarque! Si l'appareil comportait un interrupteur de haute température, celui-ci ne sera plus utilisé.

Remarque! Consultez la page 2 pour la nomenclature des pièces.

1. Connectez l'extrémité femelle de (20) à la borne d'entrée +12V (+12V IN) de (8).
2. Connectez une extrémité de (21) à la borne de sortie +12V (+12V Out) de (8).
3. Connectez l'extrémité de 4,75 mm (0,187 po) de (18) à la borne de masse (GND) de (8) et connectez l'attache à ressort à la bride de la soupape de gaz.
4. Raccordez le connecteur de (4) au connecteur de (8).
5. Fixez (8) sur (19).
6. Si l'appareil est muni de (13), débranchez et jetez deux (23).
7. Connectez l'extrémité mâle de (20) sur (22).
8. Connectez l'autre extrémité de (21) à la borne 12VCC de (15).

¡Nota! Este procedimiento (3b) es únicamente para unidades equipadas con el tablero eléctrico con el estilo anterior.

¡Nota! Si la unidad estaba equipada con un interruptor de alta temperatura, ya no se usará dicho interruptor.

¡Nota! Consulte la lista numerada de la página 2.

1. Conecte el extremo hembra de (20) a la terminal de +12 V en (8).
2. Conecte un extremo de (21) a la terminal de salida de +12 V en (8).
3. Conecte el extremo de 4.75 mm (0.187 pulg.) del (18) a la tierra de la terminal (GND) en (8) y conecte el extremo de sujetador de resorte al soporte de la válvula de gas.
4. Conecte el conector de (4) al conector en (8).
5. Sujete el (8) al (19).
6. Si está equipado con (13), desconecte y deseche dos (23).
7. Conecte el extremo macho de (20) a (22).
8. Conecte el otro extremo de (21) a la terminal de 12 VCC en (15).

