Dometic

Air Conditioner
BULLETIN A33-6A
July 2016

Symptom: **Condensation infiltrating into living space from return air duct.**
Cause: **Static pressure build-up.**
Remedy: **Add a supply vent in the ceiling return air duct and drain covers in the air conditioner.**

Model	Serial # Range	Labor Time Allowed
Sierra	42113 - 43585	1.5 Hours
Sandpiper	32329 - 34168	1.5 Hours

Dometic Corporation Contact Information	
Technical Service #	800-216-5115
E-mail Address	techservice@dometicusa.com

INSTALLATION INSTRUCTIONS

1. **⚠WARNING** ELECTRICAL SHOCK HAZARD. Disconnect 120 Vac power from product. Failure to obey this warning could result in death or serious injury.
2. ***NOTICE*** Disconnect the positive (+) 12 Vdc terminal from supply battery. Otherwise, damage to unit could occur.
3. Remove outer plastic shroud.

4. Remove inner EPP foam cover. Carefully remove putty from around electrical wiring and freon tubes. Save for re-installation.

Form No. 3316729.000 7/16
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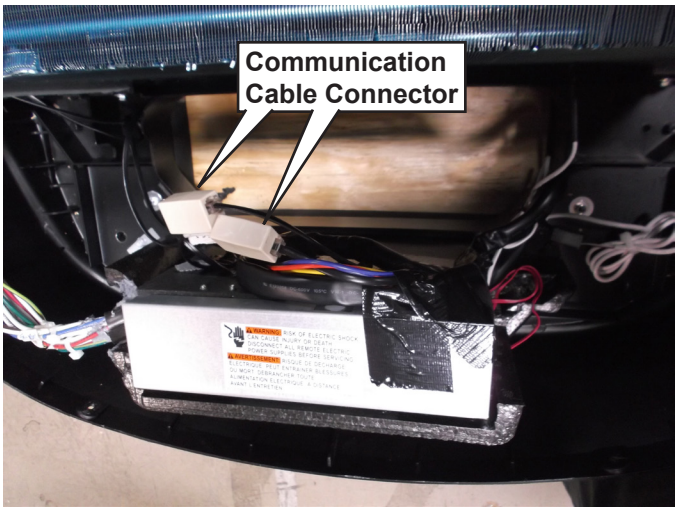
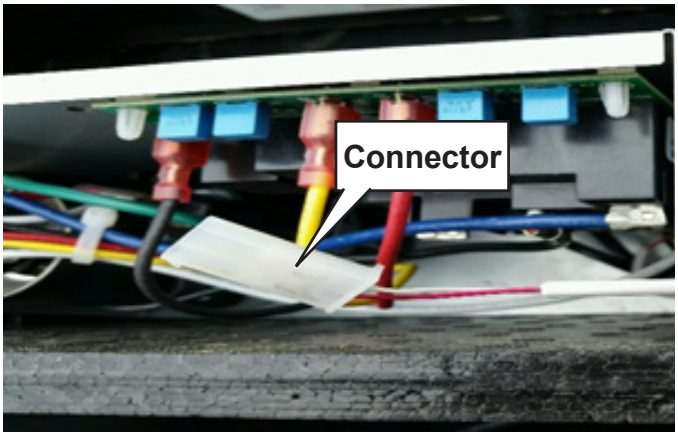
LaGrange, IN 46761

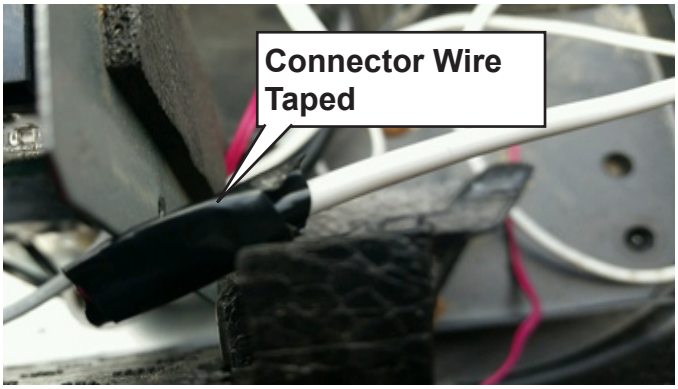
SERVICE OFFICE
Dometic Corporation
1120 North Main Street
Elkhart, IN 46514

5. Replace the communication cable connectors.

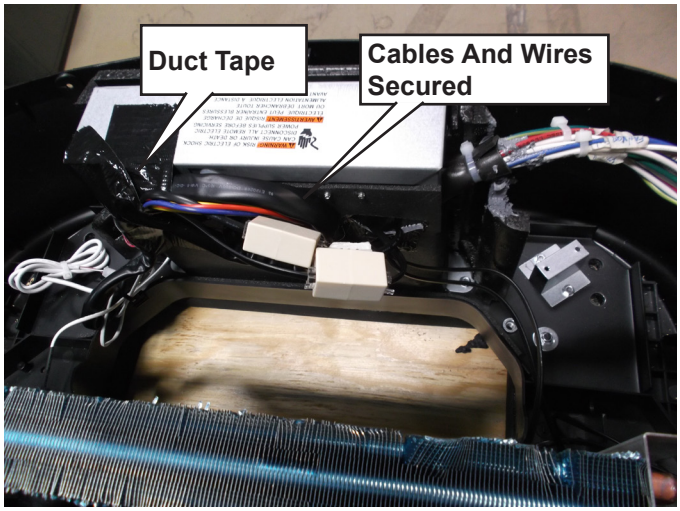


6. Cut off the remote temperature sensor connector and tape end.

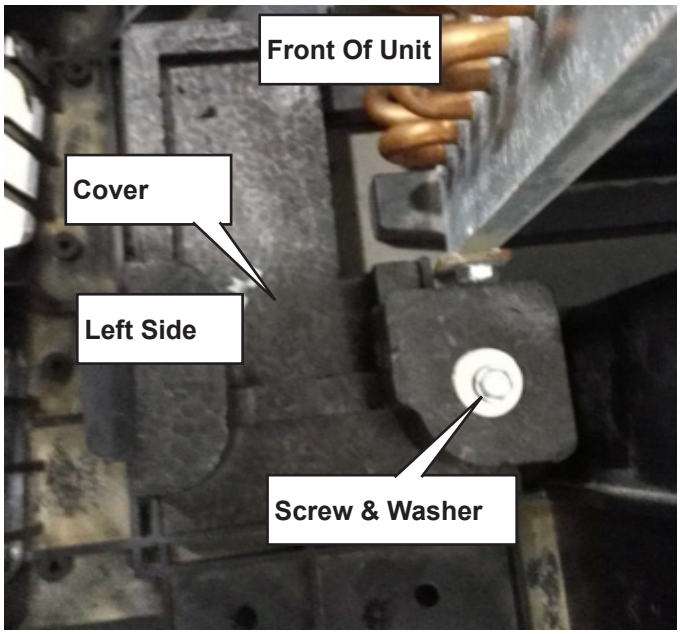




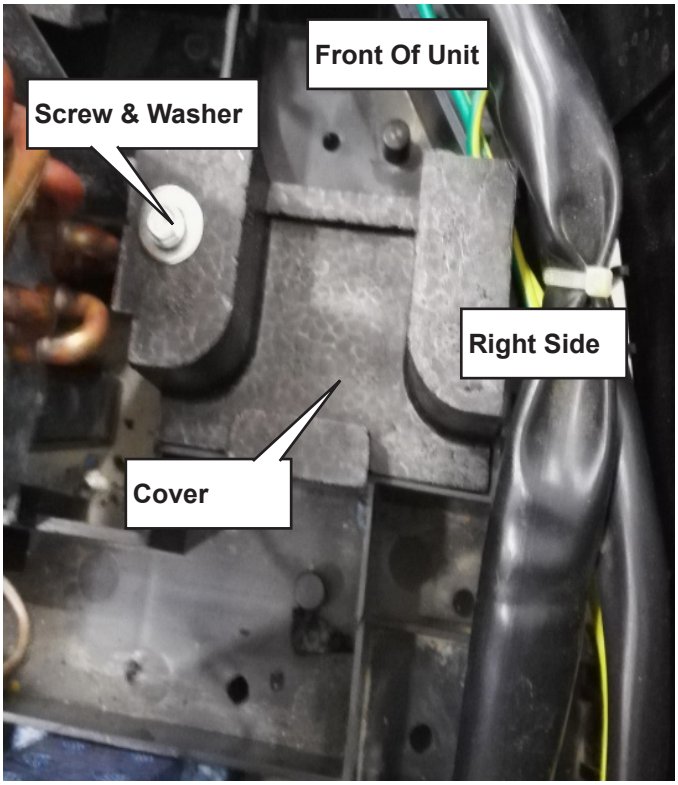
7. Secure loose cables and wires to electrical box using duct tape. This is to keep them from lying in bottom of pan.



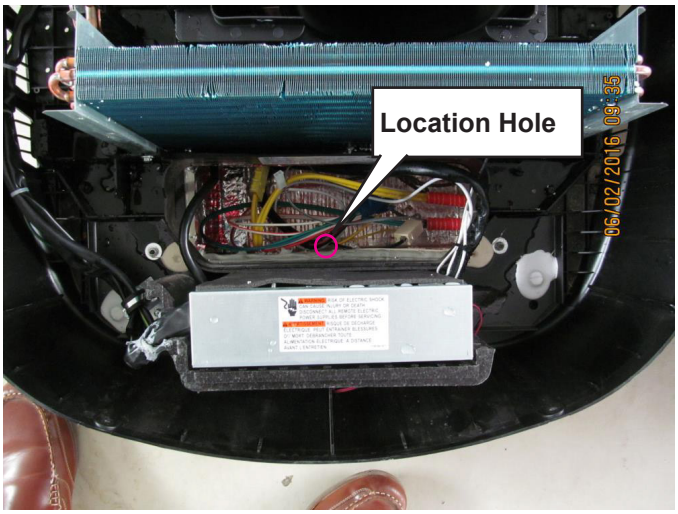
8. Position drain pan covers over outlet, align with predrilled hole and secure with screws.



INSTALLATION INSTRUCTIONS CONT.

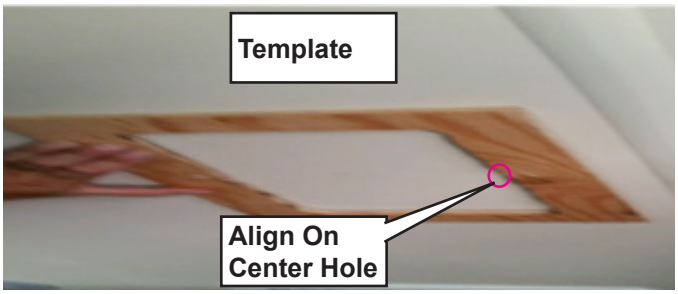


9. Drill a location hole at the front edge of return air opening in the center.



10. Reseal around electrical wiring and freon tubes. Reinstall the EPP foam cover and outer plastic shroud.

11. Align and center template on center hole and trace opening.



12. Carefully cut the traced area with a knife or saw. Cut through the ceiling panel and through the bottom side of duct only.

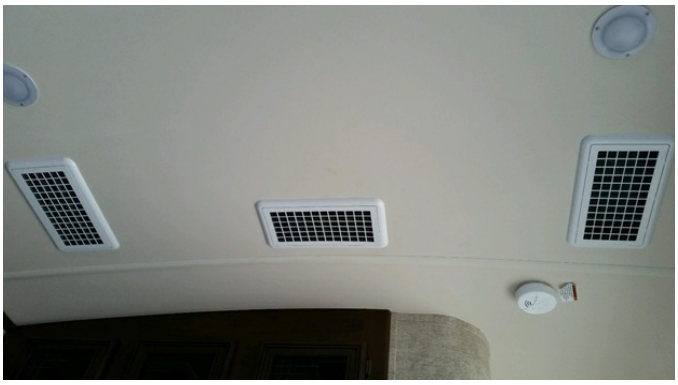
13. Secure edge of ceiling panel and duct in place with aluminum tape.

INSTALLATION INSTRUCTIONS CONT.

14. Using a #6 x 1” flat head phillips wood screw, secure the base of the vent in place. Hand tighten to prevent stripping.

15. Install the finishing cover on the vent.

16. This is the finished result.



17. Measure the Delta T and record Amp draw.
    a. Return Air Temperature _____
    b. Discharge Air Temperature _____
       (measured at nearest register)
    c. Temperature Difference _____
       (expected difference 16° - 20° F.)
    d. Amp draw _____

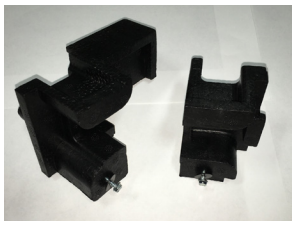
If you need an A/C repair kit, contact:

FOR SANDPIPER:
shundt@forestriverinc.com.
For questions on vent install, call 574-533-3193

FOR SIERRA:
jhazelton@forestriverinc.com
For questions on vent install, call 574-535-1520

Please provide the following: Name, Address, and Vin number of unit.

The pictures below show what will be sent.



Includes: 1- Supply air vent, 2 - communication modules, 2 drain pan outlet covers, and 1 - template.

Close-able vents will be sent out to be used in the bedrooms and bathrooms.

CHECK LIST

CHECK	Initials
Temperature Difference	☐ _____
Outside Temperature	☐ _____
Amp Draw	☐ _____
Center Vent Installed	☐ _____
Drain Pan Covers Installed	☐ _____
Vent Opening Sealed and Taped	☐ _____
Wires Pulled Up And Taped Out of the Way	☐ _____
Remote Sensor End Cut and Wires Taped	☐ _____