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OPERATING INSTRUCTIONS for 3107127.007 COMMUNICATION CABLE TESTER

OPERATING INSTRUCTIONS

**3107127.007
Cable Tester**

3107245.015

Revision:
Form No. 3107245.015 8/08
(Replaces 3107245.007)
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LaGrange, IN 46761

OPERATING INSTRUCTIONS

A. Components:

- 1ea Tester
- 1ea 25' Test Cable
- 1ea In-Line Coupler
- 1ea Operating Instructions

Note: A nine volt battery must be supplied by the user to power the tester. A battery compartment is located on the rear of the tester.

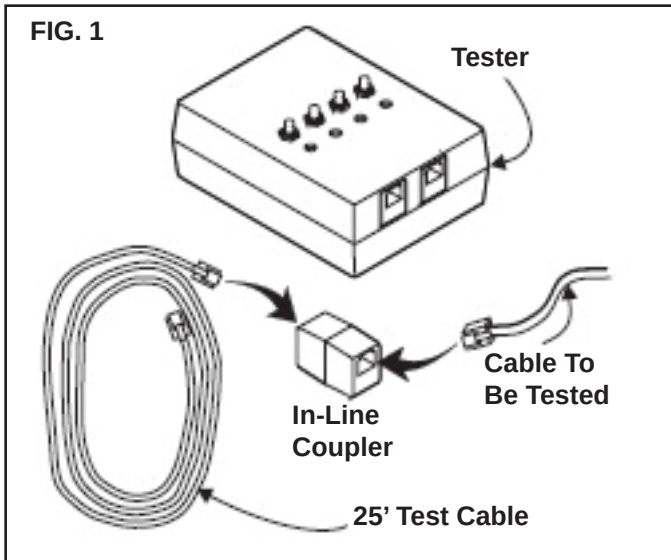
B. Purpose:

To quickly verify the cable used to transmit signals between components of Dometic control systems.

1. If more than one air conditioner or heat pump (hereafter called unit) is installed on the RV identification of the cables must be determined before testing, as follows:
 - a. Wall control, hereafter called the thermostat, to control box or unit.
 - b. From one Electronic control box or unit to another.

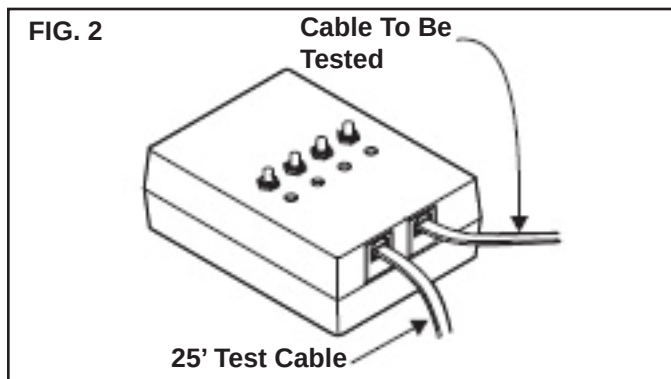
C. Check Cable From Thermostat To Control Box Or Unit:

1. Place the in-line coupler on one end of the provided 25' test cable. See FIG. 1.

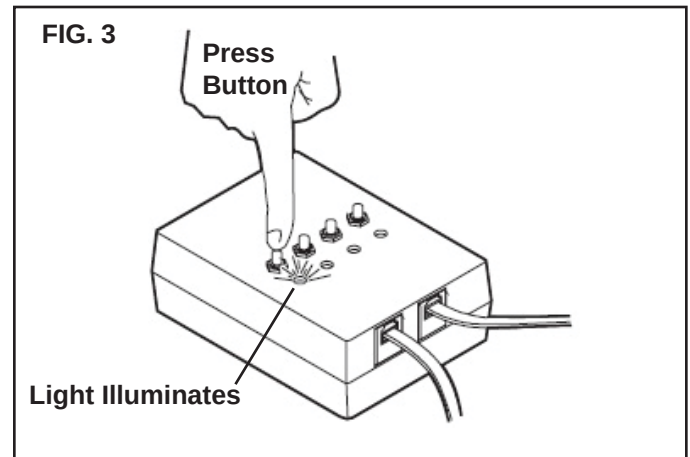


Note: 25' test cable is inverted from the normal communication cable.

2. Locate the end of the cable to be tested at the control box or unit. Disconnect the communications cable and attach in-line coupler on the 25' test cable. See FIG. 1.
3. Attach the other end of the 25' test cable to one port on the side of the tester. See FIG. 2.



4. Disconnect the communication cable to be tested from the thermostat and attach it to the to the remaining port of the tester. See FIG. 2.
5. Press a button on the tester. The light next to the button should illuminate. See FIG. 3.



6. If correct, continue with the remaining buttons one at a time.
7. If a light fails to illuminate, or a different light or more than one light illuminates the cable is wired incorrectly.

D. Check Cable From One Electronic Control Kit Or Unit To Another Electronic Control Kit Or Unit:

1. Place the in-line coupler on one end of the provided 25' test cable. See FIG. 1.

Note: 25' test cable is inverted from the normal communication cable.

2. Locate the end of the cable to be tested at the control box or unit. Disconnect the communications cable and attach in-line coupler on the 25' test cable. See FIG. 1.
3. Attach the other end of the 25' test cable to one port on the side of the tester. See FIG. 2.
4. Disconnect the communication cable to be tested from the other electronic control or unit and attach it to the to the remaining port of the tester. See FIG. 2.
5. Press a button on the tester. The light next to the button should illuminate. See FIG. 3.
6. If correct, continue with the remaining buttons one at a time.
7. If a light fails to illuminate, or a different light or more than one light illuminates the cable is wired incorrectly.

E. To Check Communication Cable Not Yet Installed:

1. Do not use the 25' test cable for this test.
2. Plug each end of the communication cable into the tester.
3. Press a button on the tester. The light next to the button should illuminate. See FIG. 3.
4. If correct, continue with the remaining buttons one at a time.
5. If a light fails to illuminate, or a different light or more than one light illuminates the cable is wired incorrectly.