

Retrofit Kit

Packaged Units

KIT15775 – High Limit Cycling

4YCY4036A1075BA	4DCY4036A1075BA
4YCY4036A3075BA	4DCY4036A3075BA
4YCY4036B1075AA	4DCY4036B1075AA
4YCY6036A1075BA	4DCZ6036A1075BA
4YCY6036A3075BA	4DCZ6036A3075BA
4YCY6036A4075BA	

Serial Numbers 60451 through 10111

NOTE: This kit contains a sufficient quantity of parts to resolve the high limit cycling issue on ten units.

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

These instructions do not cover all variations in systems or provide for every possible contingency to be met in connection with the installation. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to your installing dealer or local distributor.

Section 1. Safety

⚠ WARNING

SAFETY HAZARD! This information is for use by individuals having adequate backgrounds of electrical and mechanical experience. Any attempt to repair a central air conditioning product may result in personal injury and/or property damage. The manufacturer or seller cannot be responsible for the interpretation of this information, nor can it assume any liability in connection with its use.

⚠ WARNING

HAZARDOUS VOLTAGE! Multiple power sources may be present. Disconnect all electrical power, including remote disconnects, before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

⚠ WARNING

SAFETY HAZARD! Sharp Edge Hazard. Be careful of sharp edges on equipment or any cuts made on sheet metal while installing or servicing. Personal injury may result.

Table of Contents

Section 1. Safety	1
Section 2. General Information	3
Section 3. Procedure	3

Section 2. General Information

Tools required:

- 1) 5/16" nut driver OR optional screw gun
- 2) Pliers

Each kit contains:

- 10 - Pre-cut Gasket
- 10 - High Limit Switch, THT02542
- 1 - Installation Guide



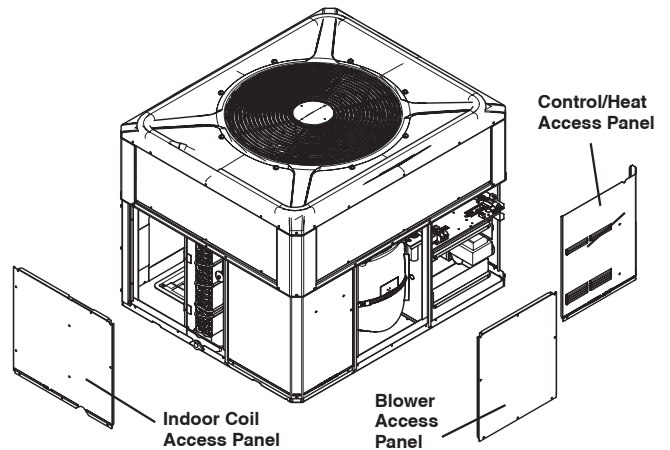
Section 3. Procedure

STEP 1 – Preparation

Turn off and lock out power.

⚠ WARNING
HAZARDOUS VOLTAGE! Multiple power sources may be present. Disconnect all electrical power, including remote disconnects, before servicing. Follow proper lockout/tagout procedures to ensure the power can not be inadvertently energized. Failure to disconnect power before servicing could result in death or serious injury.

Remove panel cover labeled “Blower Access Panel.”



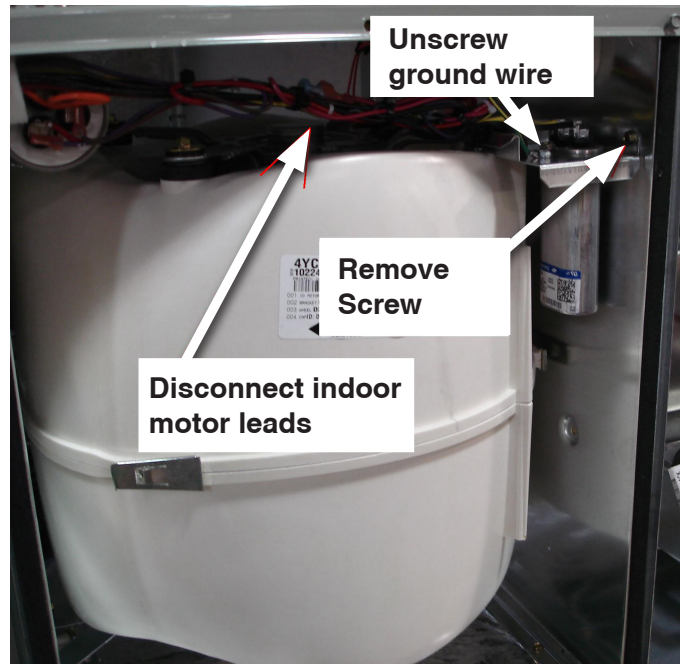
STEP 2 – Disconnecting Components

Remove the screw from indoor blower retainer bracket.

Move blower assembly outward slightly.

Disconnect indoor motor leads.

Unscrew green ground wire from the blower retainer bracket.



STEP 3 – Removing blower assembly

Pull indoor blower assembly from unit.

NOTE: *Be careful not to damage any electrical leads during removal process.*

STEP 4 – Prepare surface

Locate the pre-cut gasket material in the kit.

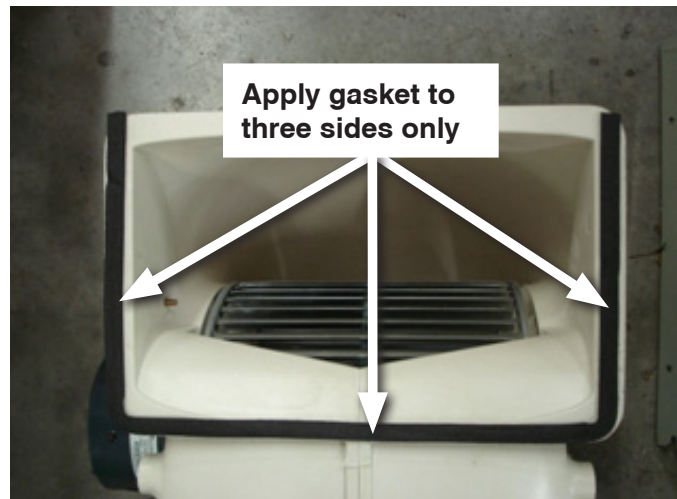
Using a clean, dry cloth, remove all oils, grease, dirt and moisture from blower housing flange surfaces.

STEP 5 – Apply gasket material

Using one continuous strip, apply gasket material onto three sides of the blower housing flanges as shown.

NOTE: *Avoid tearing or stretching the gasket while removing its backing.*

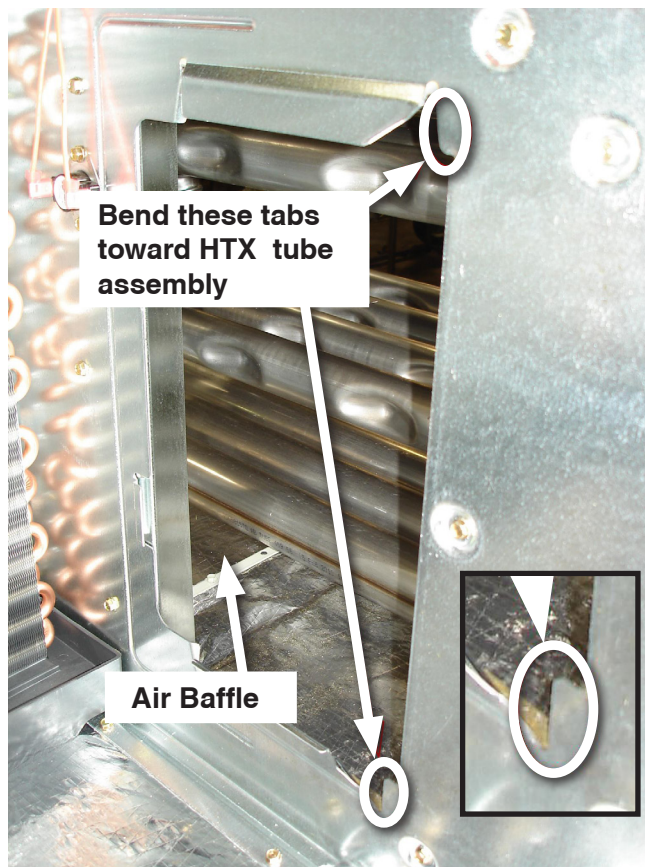
Verify gasket adhesive has full surface contact with blower housing flange by pressing on gasket along entire length.



STEP 6 – Modify sheet metal tabs

With a pair of pliers, slightly bend tabs inward towards heat-exchanger assembly as shown.

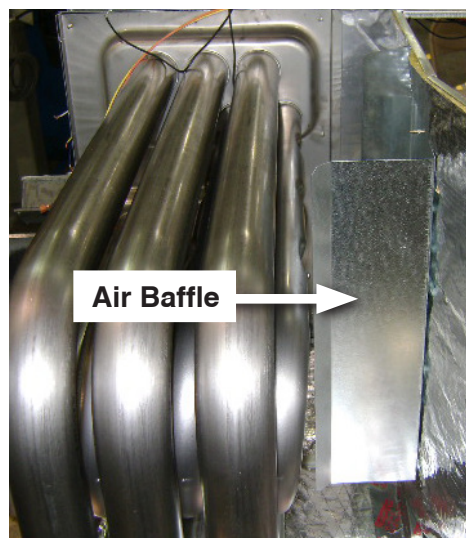
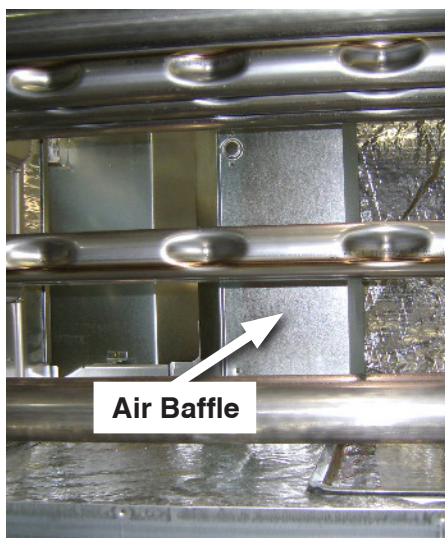
NOTE: This modification will prevent possible tearing of gasket material during subsequent blower assembly removals in future maintenance and/or service activity.



STEP 7 – Inspect air baffle

It should form a 90 degree angle from the portion that fills the gap between the barrier and the heat exchanger.

NOTE: Air baffle is required on all models. If not present, install air baffle BAF01248.

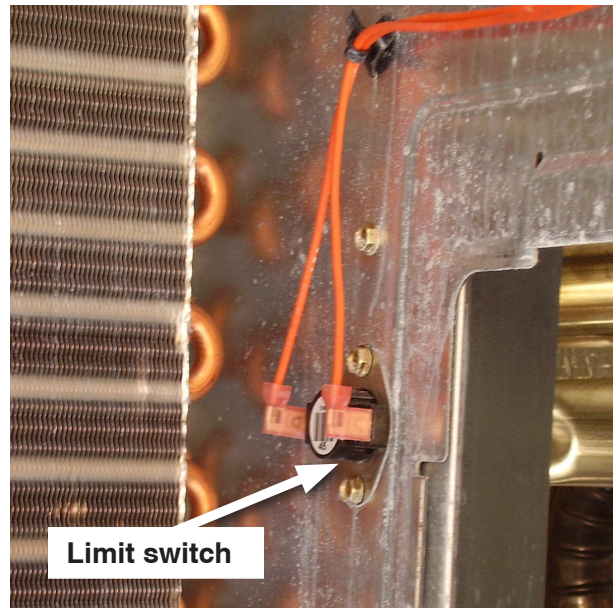


STEP 8 – Remove/replace limit switch

Remove the two orange wires from their terminals.

Remove and retain the two screws holding the limit switch.

Remove and replace the limit switch, reusing existing screws.

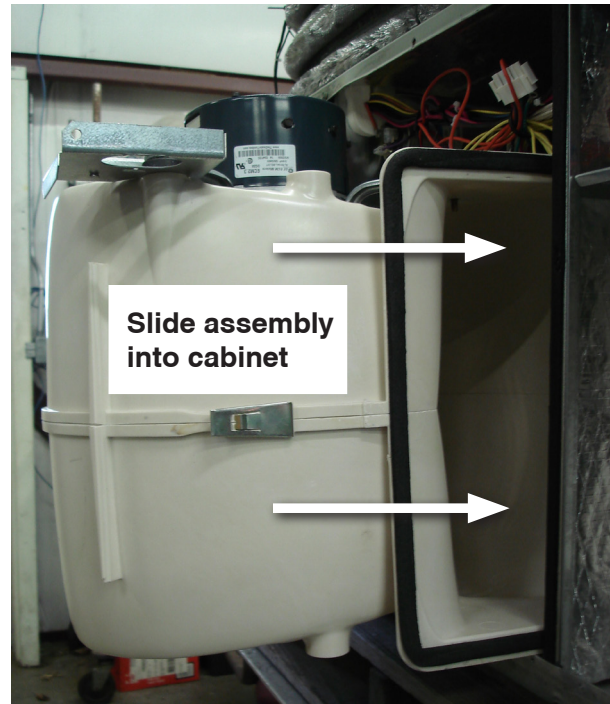


STEP 9 – Replace blower assembly

Align indoor blower assembly with formed sheet metal guides on the blower barrier and slide assembly into position being careful not to damage any electrical wiring or applied gasket material.

Reinstall screw into indoor blower assembly retainer bracket.

Reconnect blower leads and ground wire.



STEP 10 – Final steps

Reinstall blower access panel.

Reapply power to unit.

About Trane and American Standard Heating and Air Conditioning

Trane and American Standard create comfortable, energy efficient indoor environments for residential applications. For more information, please visit www.trane.com or www.americanstandardair.com

The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

18-HE90D1-2A-EN 13 Jul 2020
Supersedes 18-HE90D1-2 (October 2011)

© 2020