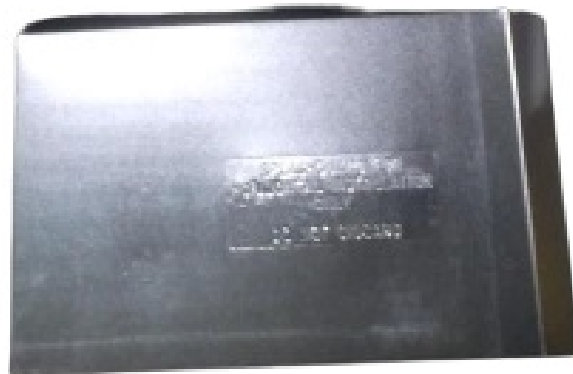




TRANE BAYCONV Series Horizontal Conversion Kit Installation Guide

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TRANE BAYCONV Series Horizontal Conversion Kit



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Horizontal Conversion Kit

Kits used to convert 4PXC*U dedicated Upflow coil to Horizontal Left or Horizontal Right or convert 4PXC*D dedicated Downflow coil to Horizontal Right.

BAYCONV18B

BAYCONV23B

BAYCONV27B

BAYCONV30B

BAYCONV30C

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

IMPORTANT — This Document is customer property and is to remain with this unit. Please return to service information pack upon completion of work.

GENERAL

These kits are designed for use in combination with a 4PXC coil to convert the coil for horizontal use. Dedicated up flow coils may be converted to either horizontal left or horizontal right. Dedicated downflow coils may only be converted to horizontal right.

The 4PXC equipment has been evaluated in accordance with the Code of Federal Regulations, Chapter XX, Part 3280 or the equivalent. "Suitable for Mobile Home use" The height of the Furnace, Coil and discharge duct work must be 7 ft. or less. Inspect the kit components for shipping damage. Notify the transportation company immediately if the coil is damaged.

KIT COMPONENTS

NOTE: All items are used for horizontal left conversion. Part 3 not required for horizontal right conversion.

- Part 6 only included with kits having Horizontal Drain Pans with part numbers D346112P01 through P04. Refer to part number embossed on rear of pan.

Item	Qty	Description
1	1	Horizontal Drain Pan
2	2	Side-Pull Plugs
3	1	Splash Guard
4	1	Channel for Splash Guard
5	1	Coil Support Bracket
6	1	Heat Shield*

APPLICATION INFORMATION

See the table below to verify the coil and kit match. The application specific sections will show what changes are needed for the coils.

Model Number	Allowable Installations	Horizontal Kit No.
4PXCAU24BS3HA* 4PXCAU32BS3HA* 4PXCBU24BS3HA* 4PXCBU30BS3HA* 4PXCCU30BS3HA*	Upflow, Horizontal Left or Horizontal Right	BAYCONV18B
4PXCBD30BS3HD*	Downflow or Horizontal Right Only	
4PXCBU36BS3HA* 4PXCCU36BS3HA*	Upflow, Horizontal Left or Horizontal Right	BAYCONV23B
4PXCBD36BS3HD* 4PXCCD36BS3HD*	Downflow or Horizontal Right Only	
4PXCBU42BS3HA* 4PXCCU42BS3HA* 4PXCBU48BS3HA* 4PXCCU48BS3HA* 4PXCdu48BS3HA*	Upflow, Horizontal Left or Horizontal Right	BAYCONV27B
4PXCBD42BS3HD* 4PXCCD42BS3HD*	Downflow or Horizontal Right Only	
4PXCCU60BS3HAA 4PXCdu60BS3HAA	Up flow, Horizontal Left or Horizontal Right	BAYCONV30 B
4PXCCD60BS3HDA 4PXCDD60BS3HDA	Downflow or Horizontal Right Only	
4PXCCU60BS3HAB 4PXCdu60BS3HAB	Up flow, Horizontal Left or Horizontal Right	BAYCONV30 C
4PXCCD60BS3HDB 4PXCDD60BS3HDB	Downflow or Horizontal Right Only	

RECOMMENDATION

Use the Installer's Guide packaged with the coil for the physical installation of the coil.

IMPORTANT:

To ensure proper operation, make sure the airflow direction arrow marked on the coil cabinet matches the furnace airflow.

NOTE: Water blow-off could occur in certain installation position if the airflow setting exceeds the maximum values listed. Please refer to "maximum airflow setting" label or literature shipped with unit.

If a coil is part of the total system installation, use the Installer's Guide packaged with the furnace, outdoor section, and thermostat for physically installing those components.

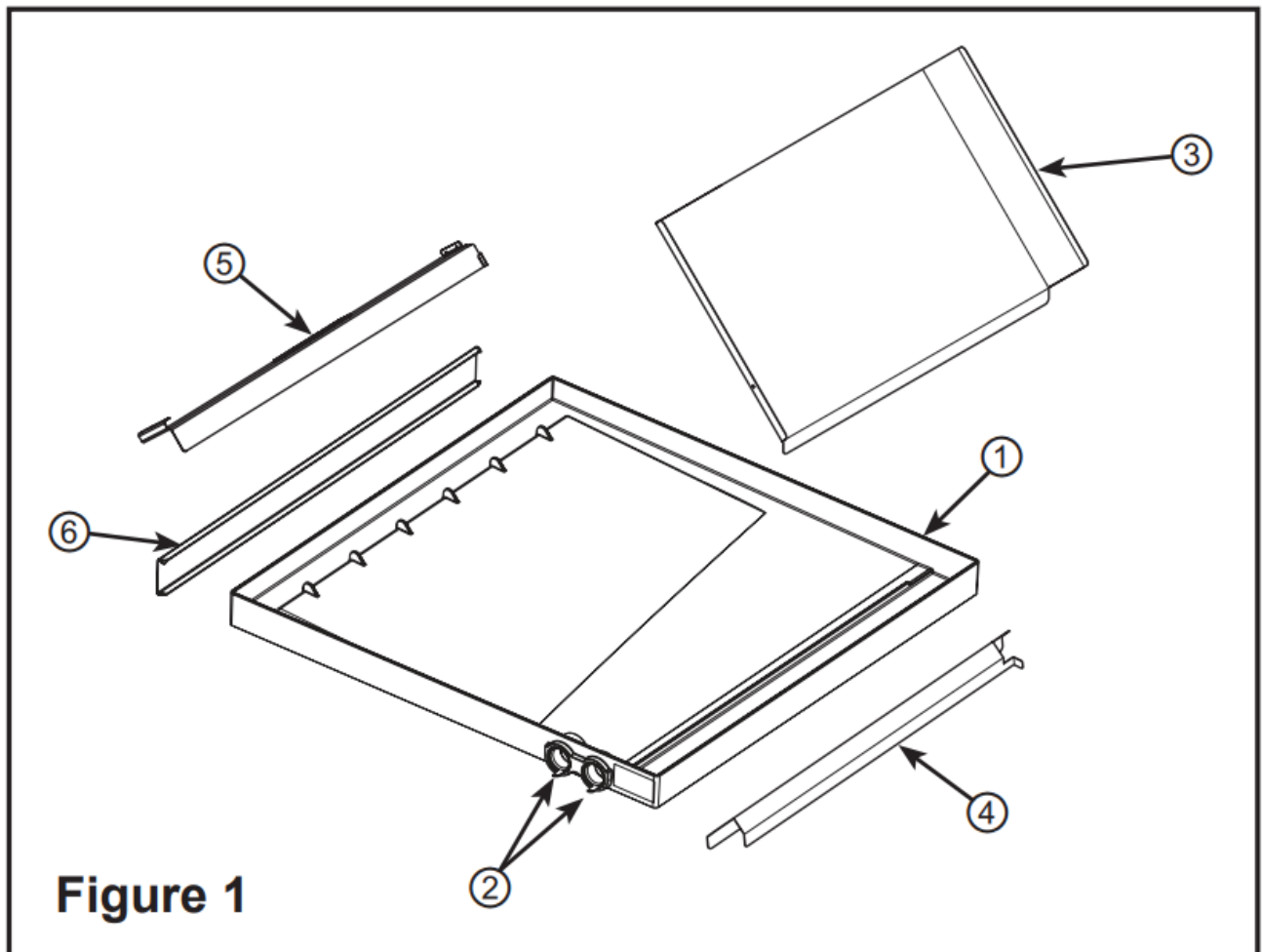
COIL CONVERSION PROCEDURE



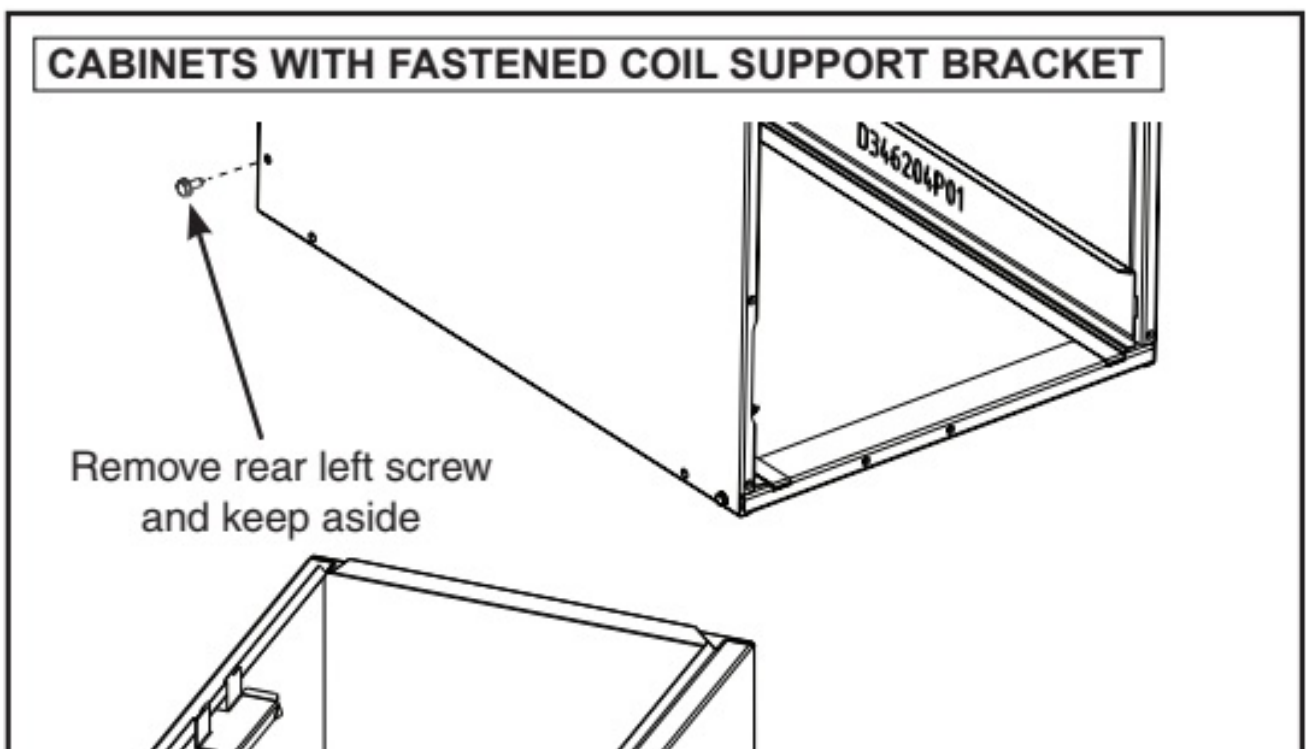
CAUTION

Dedicated downflow coils may NOT be installed in the horizontal left position.

1. Remove coil front panels and slide out coil assembly.



2. Modify coil and cabinet as shown in Figure 2, Figure 3, and Figure 4.



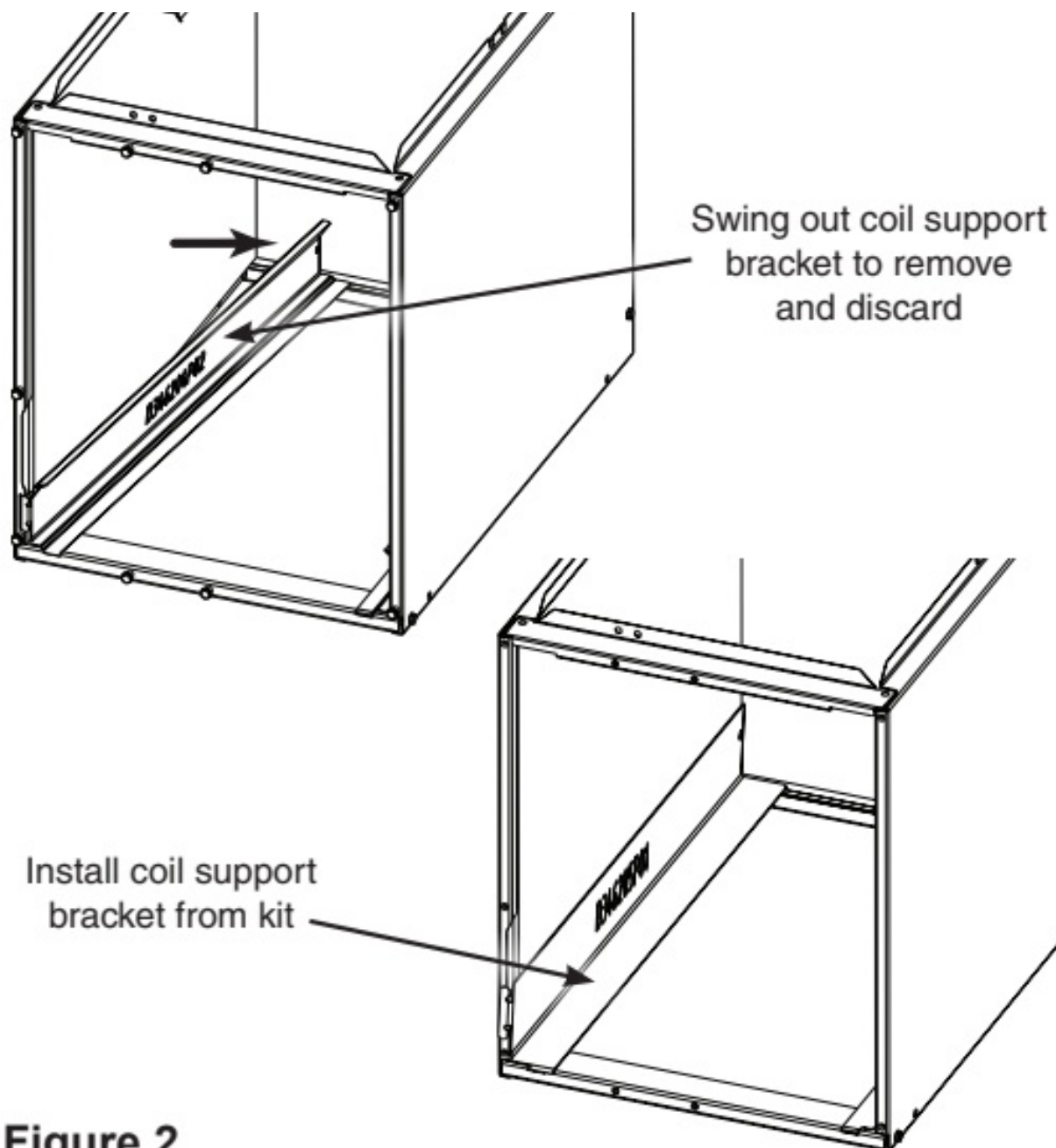


Figure 2

CABINETS WITH COIL RETAINER BRACKET

Remove and discard coil retainer bracket

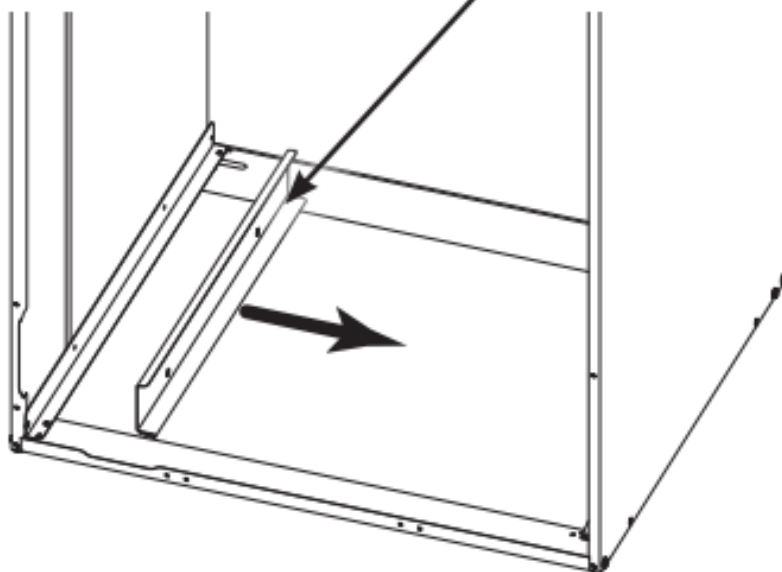


Figure 3

If present, remove and discard water diverter brackets.

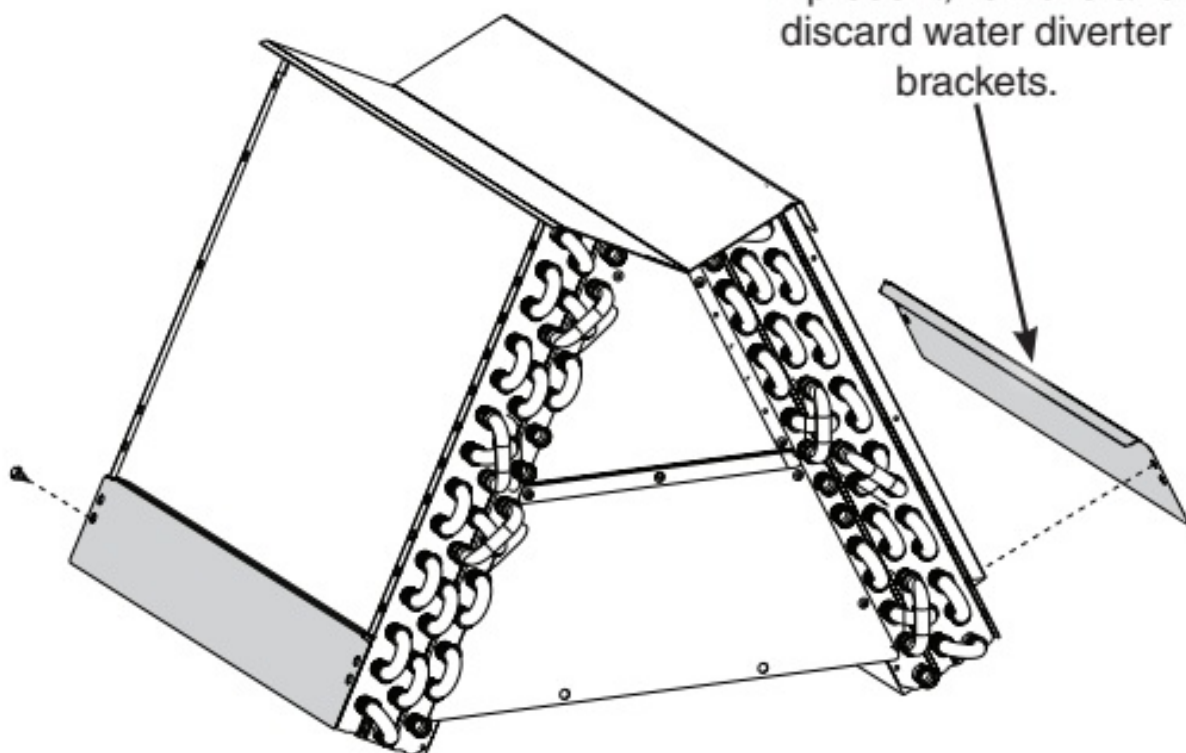
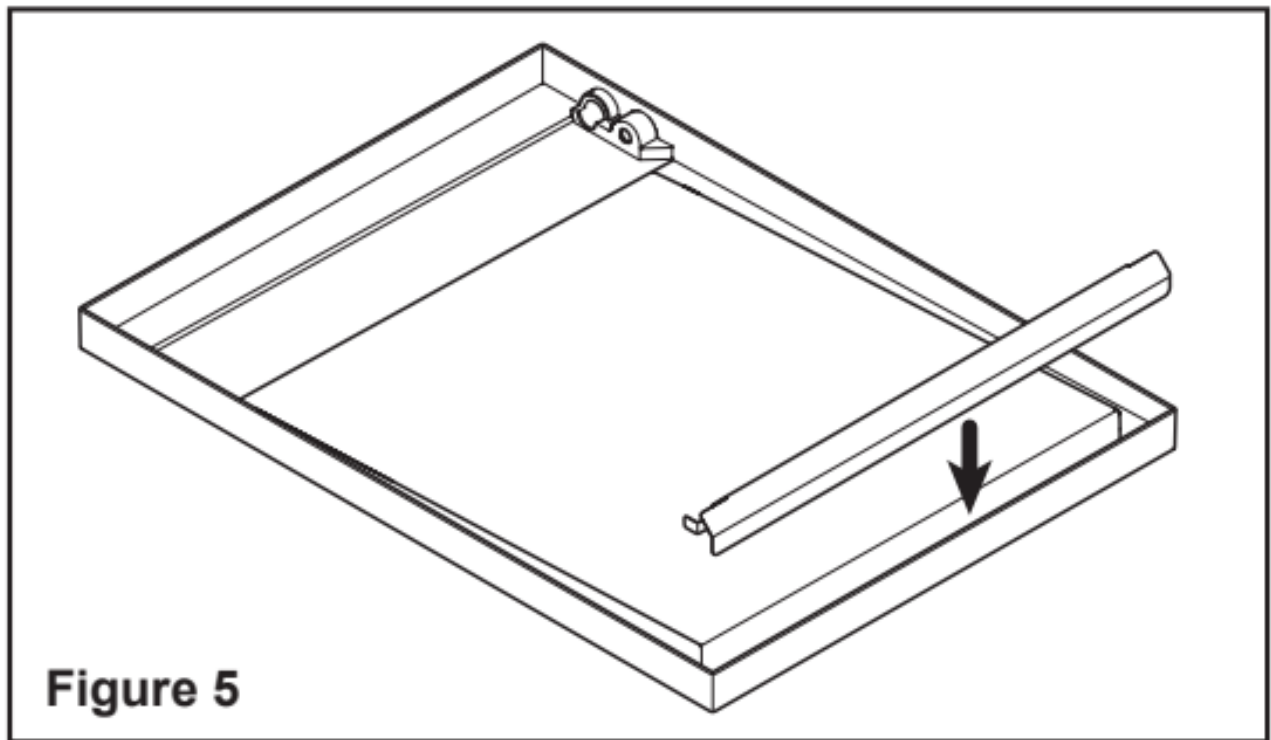
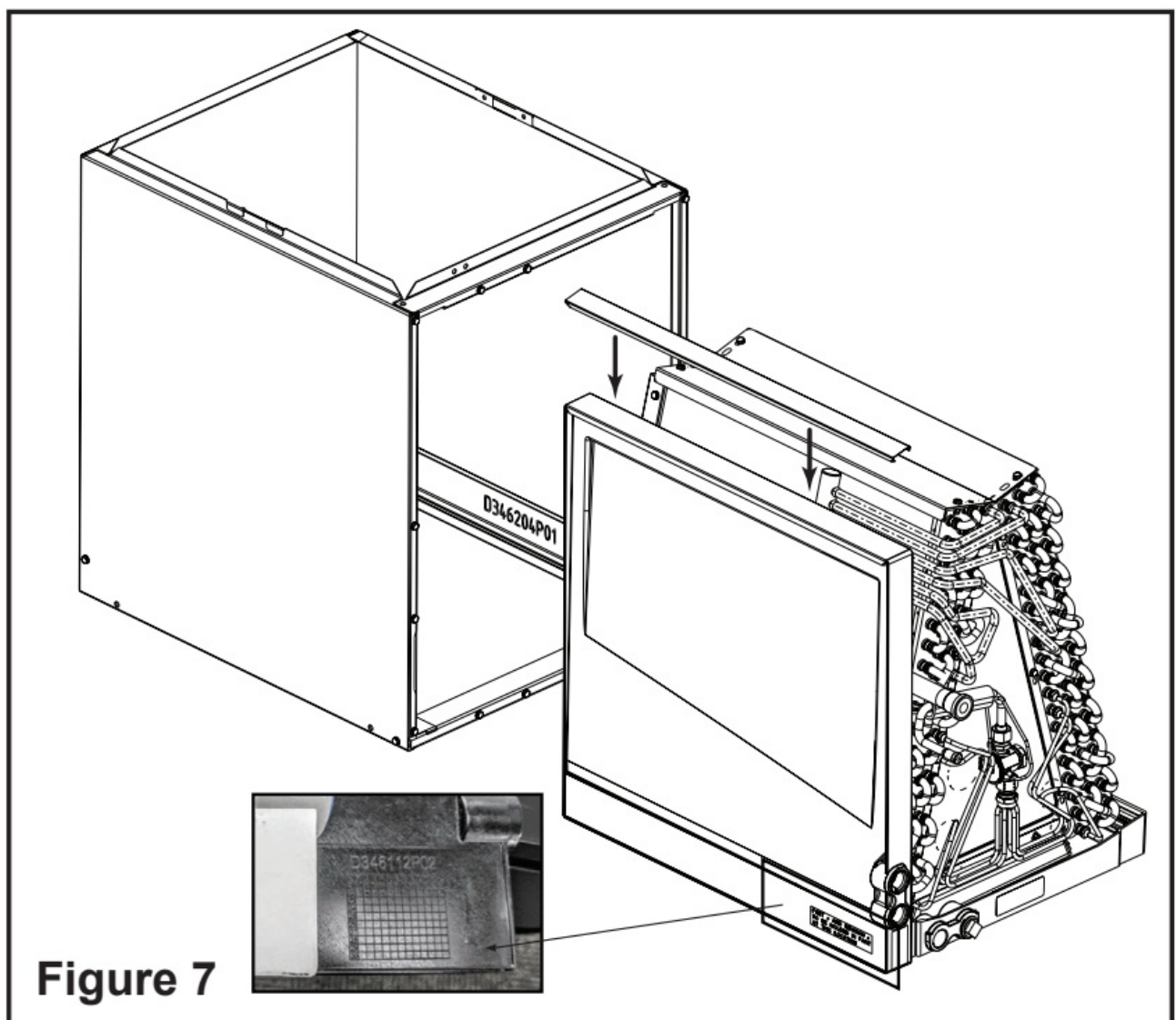


Figure 4

3. REQUIRED FOR HORIZONTAL LEFT COIL CONVERSION ONLY. Splash Guard installation is required to prevent water blow off.
 - a. Place Channel for Splash Guard into Horizontal Drain Pan as shown in Figure 5.

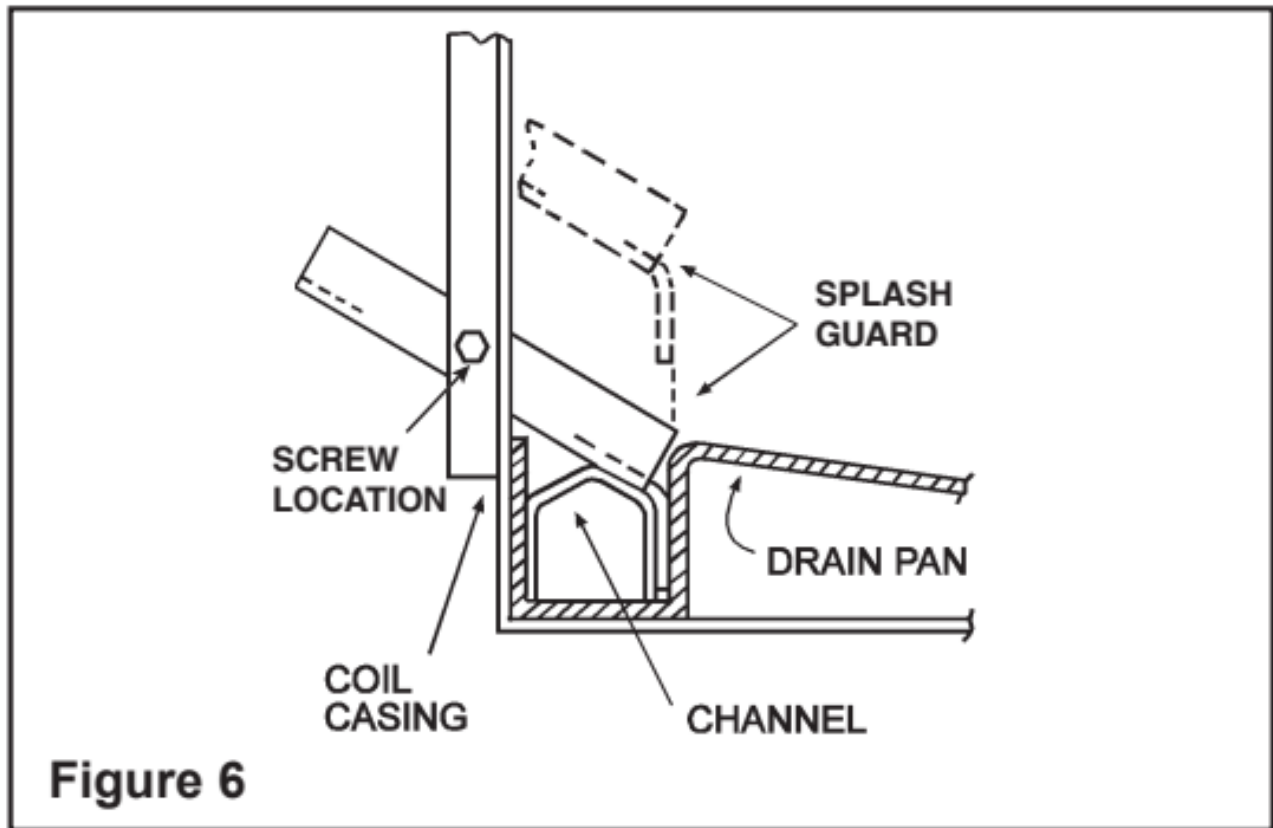


b. Slide Horizontal Drain Pan and coil assembly into cabinet. Refer to Step 4 and Figure 7 below



4. c. Wedge flange of Splash Guard between Channel for Splash Guard and Horizontal Drain Pan as shown in

Figure 6.



- d. Drive one field-supplied sheet metal screw into Splash Guard through factory-provided clearance hole in the front duct flange on the coil case. Refer to Figures 6 and 8.

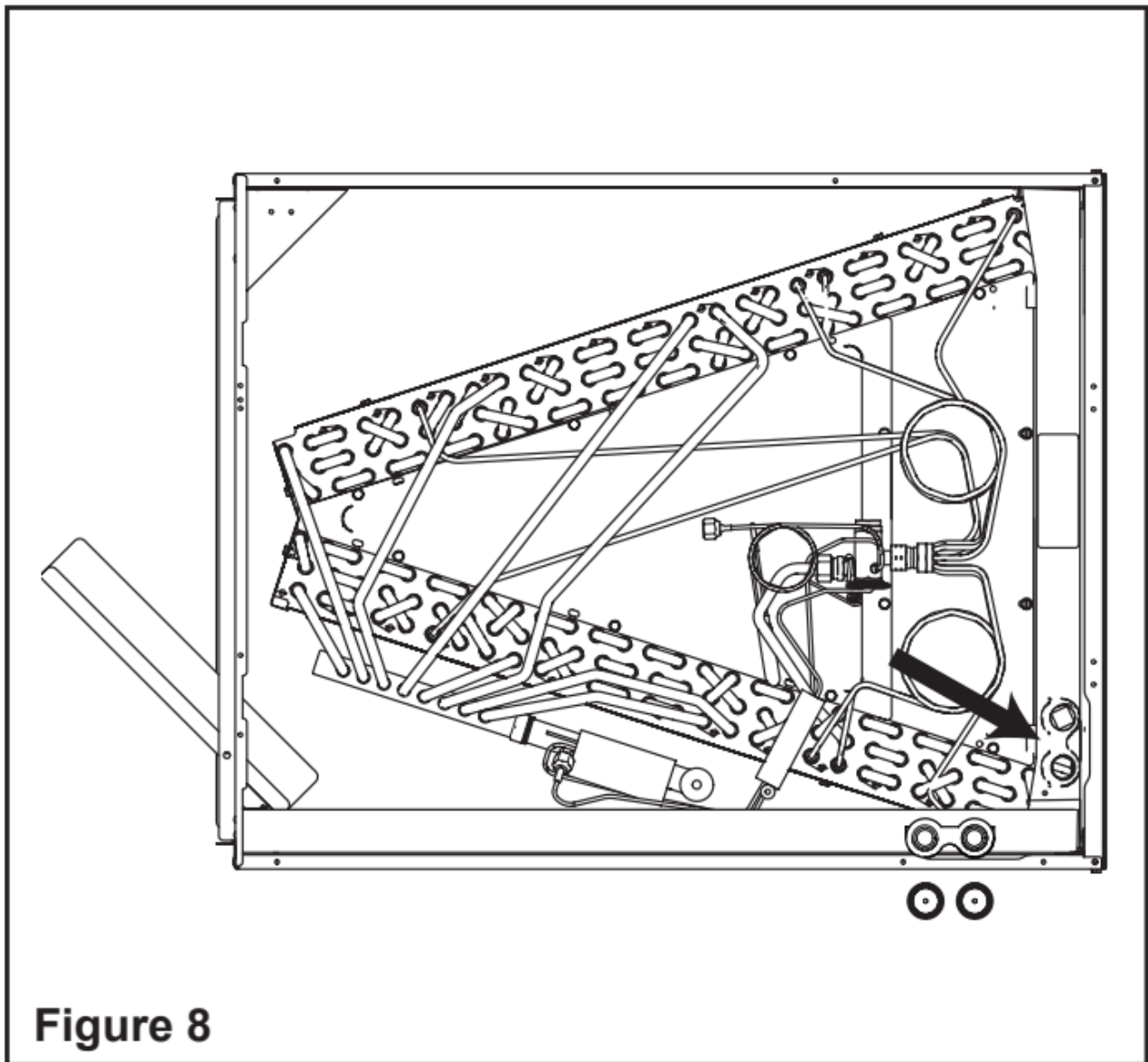


Figure 8



CAUTION

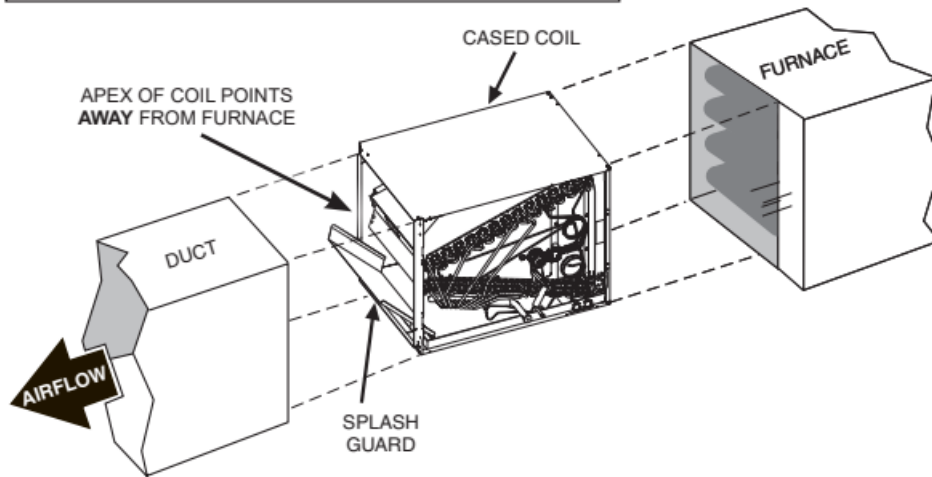
When supplied with kit, Heat Shield **MUST** be installed on Horizontal Drain Pan.

5. If supplied with kit, ensure Heat Shield is installed on Horizontal Drain Pan. Slide the new Horizontal Drain Pan onto the coil and slide back into the coil cabinet. See Figure 7.

NOTE: Heat Shield only required for Horizontal Drain Pans having part numbers D346112P01 through P04. Refer to part number embossed on rear of pan. See Figure 7.

6. Remove the insulation and cap blocking the Horizontal Drain Pan condensate ports on the front panel of the coil case.
7. Remove the Side-Pull Plugs from the Horizontal Drain Pan and install into downflow drain pan as shown in Figure 8. Put front panels back on.
8. Attach the coil to the furnace as shown in Figure 9 and **CAUTION** Figure 10.

HORIZONTAL **LEFT** COIL INSTALLATION



HORIZONTAL **RIGHT** COIL INSTALLATION

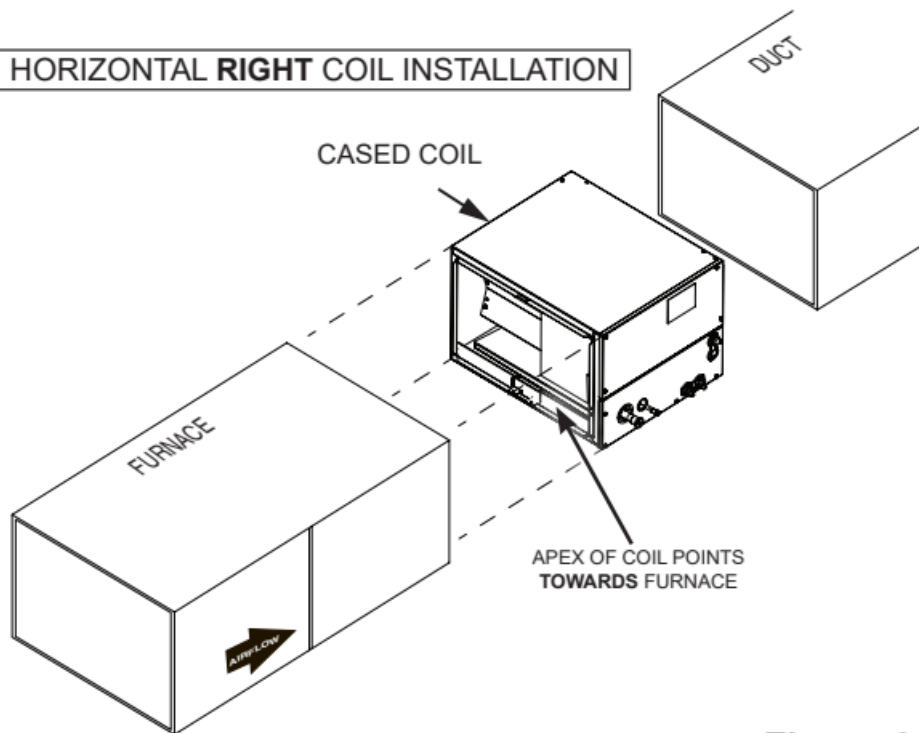
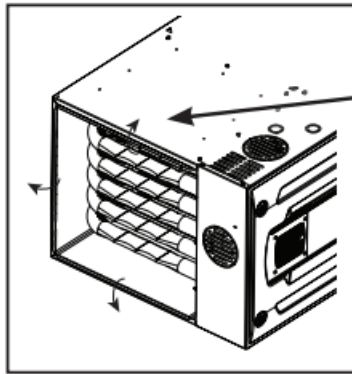


Figure 9

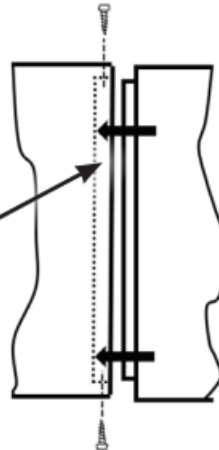
Attached furnace and coil using field-supplied self-drilling screws not longer than 1.5".

FOR S-SERIES FURNACES

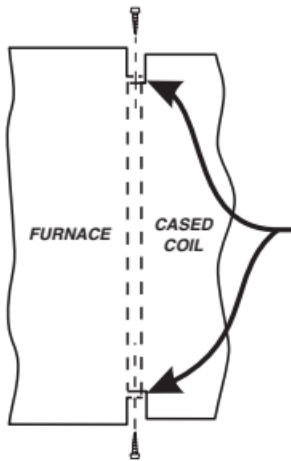


Bend flanges on inward **or** outward as applicable

Coil and furnace will nest together



FOR LEGACY UPFLOW FURNACES IN HORIZONTAL RIGHT



Fit the top coil flanges inside furnace flanges

Figure 10

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.

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Documents / Resources



TRANE BAYCONV Series Horizontal Conversion Kit [pdf] Installation Guide
BAYCONV Series Horizontal Conversion Kit, Horizontal Conversion Kit, Conversion Kit, BAYCONV18B, BAYCONV23B, BAYCONV27B, BAYCONV30B, BAYCONV30C