



Atwood Mobile Products

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INSTALLATION INSTRUCTIONS FOR RV ENTRANCE DOOR

Covers all Radius and Square cornered models

EXCEL™ WINDOW AND DOOR SYSTEMS

• Installation

Document Part No. C00001

Revised: 2/8/05

SAFETY ALERT SYMBOLS	
Safety Symbols alerting you to potential personal safety hazards. Obey all safety messages following these symbols.	
 WARNING avoid possible injury or death	 CAUTION avoid possible injury and/or property damage

For your safety read all instructions.

The RV Entrance Door is intended for installation in a recreation vehicle.

REQUIRED FASTENERS

NOT PROVIDED

Note:

- 1.) SCREWS USED MUST MEET S.A.E. SPECIFICATION J933
- 2.) QUANTITIES VARY PER MODEL OF DOOR.....PLEASE REFER TO THE SPECIFIC LOCATION NAMED ON THE ACTUAL DOOR TO DETERMINE SCREWS QUANTITIES.

QUANTITY	LOCATION	SIZE	TYPE
See Note #2	Clamp Frame, Latch Bracket, & Door Jam	#8 x 1-1/2"	PAN HEAD, Type AB thread self drilling steel screw
3	Door Jam-Hinge	#10 x 1-1/4"	PAN HEAD, Type AB thread self drilling steel screw
4	Threshold	#10 x 1-1/2"	FLAT HEAD, Type AB thread self drilling steel screw
6	Door Check Pivot Bracket, Door Jam-Latch	#10 x 1-1/4"	FLAT HEAD, Type AB thread self drilling steel screw

NOTE:

THE RECOMMENDED DOOR OPENING IN THE COACH WALL SHALL BE CONSTRUCTED USING SQUARE/RECTANGULAR STEEL TUBING 16 GA. MINIMUM OR EQUIVALENT;
OR EXTRUDED ALUMINUM SQUARE/RECTANGULAR TUBING, .08 TUBING WALL THICKNESS MINIMUM.

Unpacking and Foam Shipping Block Removal

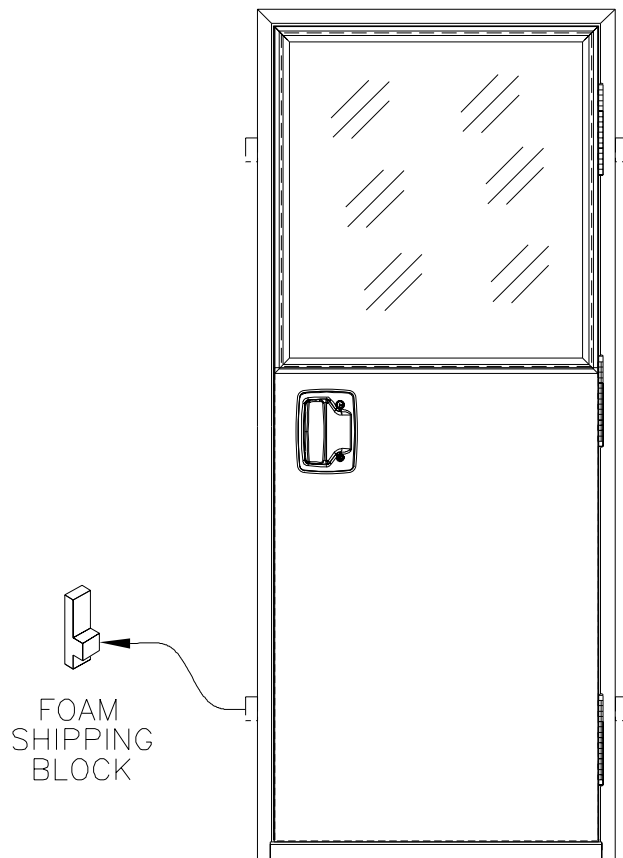


Fig. 1

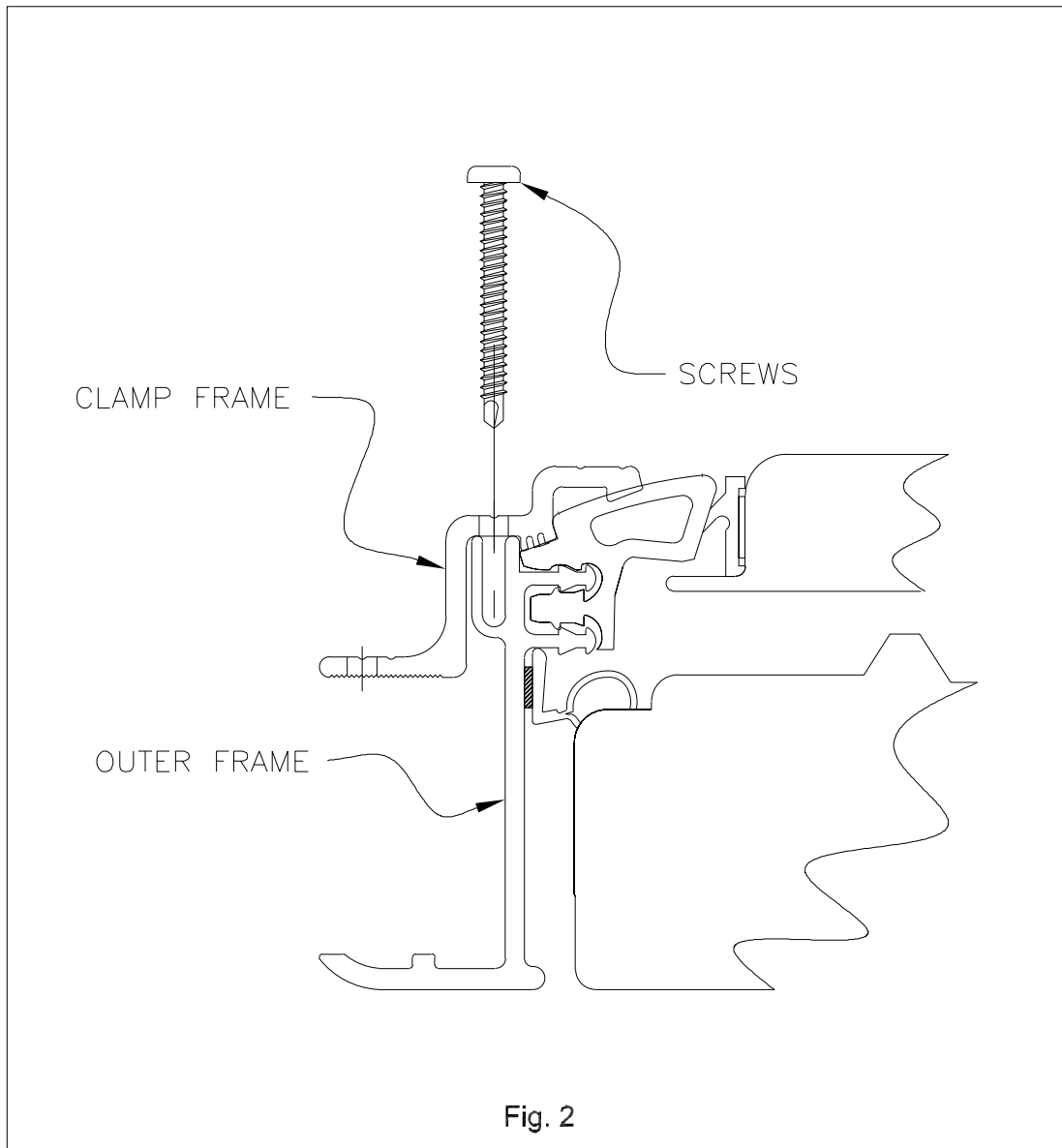
⚠ CAUTION
PRODUCT DAMAGE

· **DO NOT OPEN DOOR UNTIL IT IS FULLY INSTALLED AND FASTENED!**
Door assembly is pre-adjusted and blocked at the factory to maintain frame spacing.

STEP 1

Remove door assembly from carton and discard foam shipping blocks. (See Fig. 1)

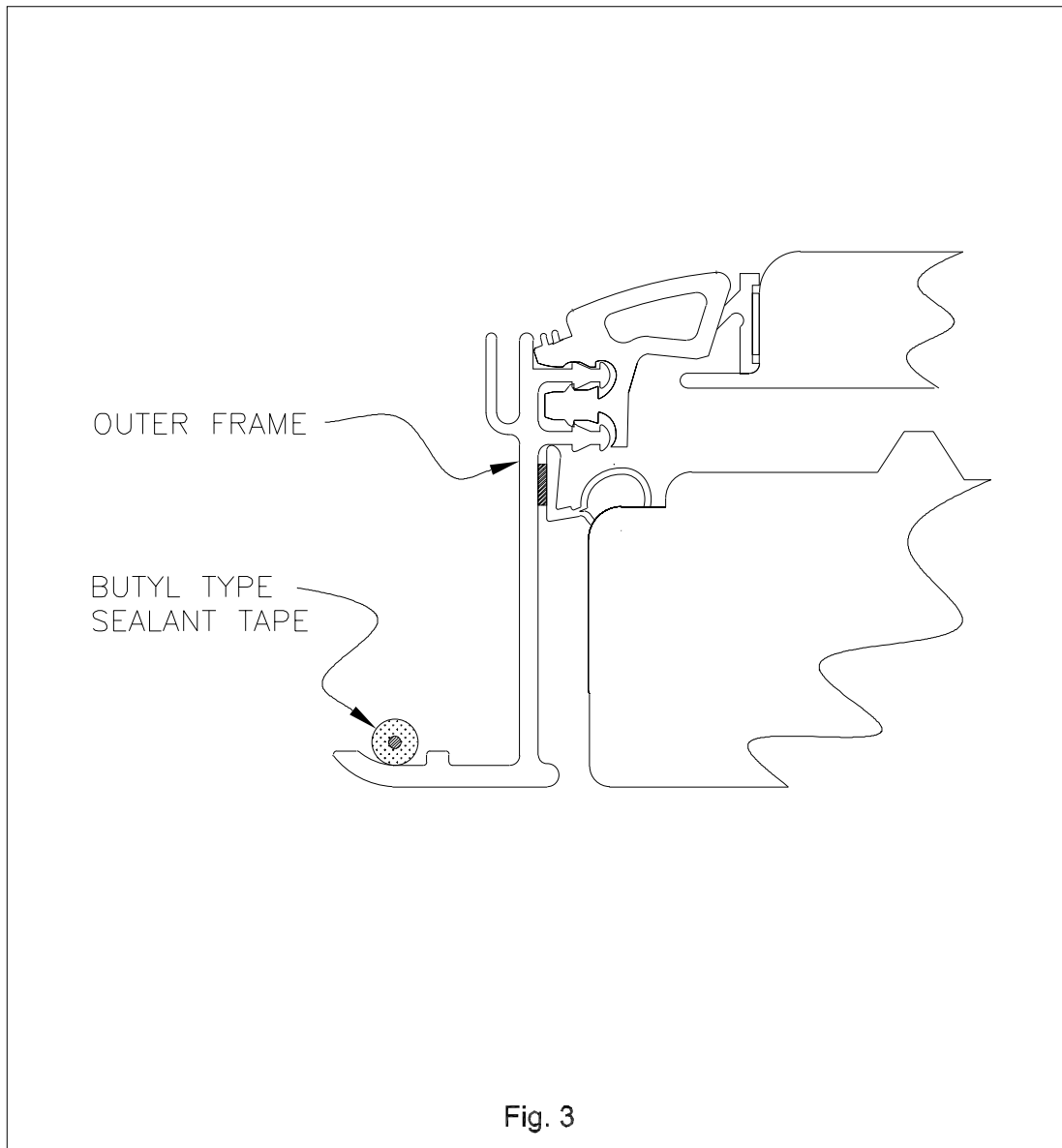
Clamp Frame Removal



STEP 2

Remove shipping screws from clamp frame and discard screws. (See Fig. 2)
Set clamp frame aside.

Butyl Installation / Clamp Frame Pre-Positioning



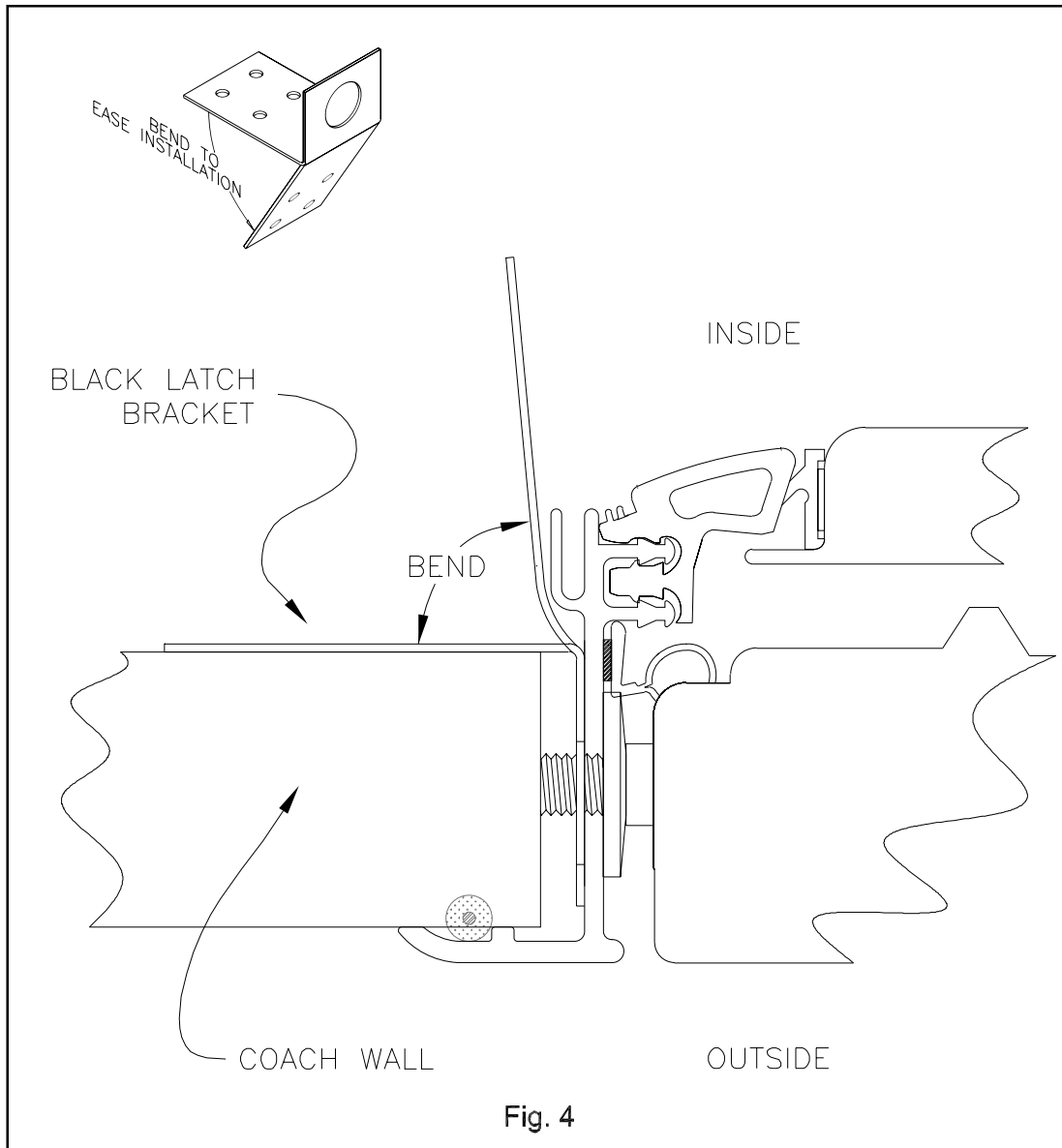
STEP 3

Install foam core butyl type sealant tape to outer frame flange to reduce the potential of the door shifting in the opening. (See Fig. 3)

STEP 4

Place clamp frame (supplied with door) inside coach and pre-position around door opening.

Door Assembly Installation



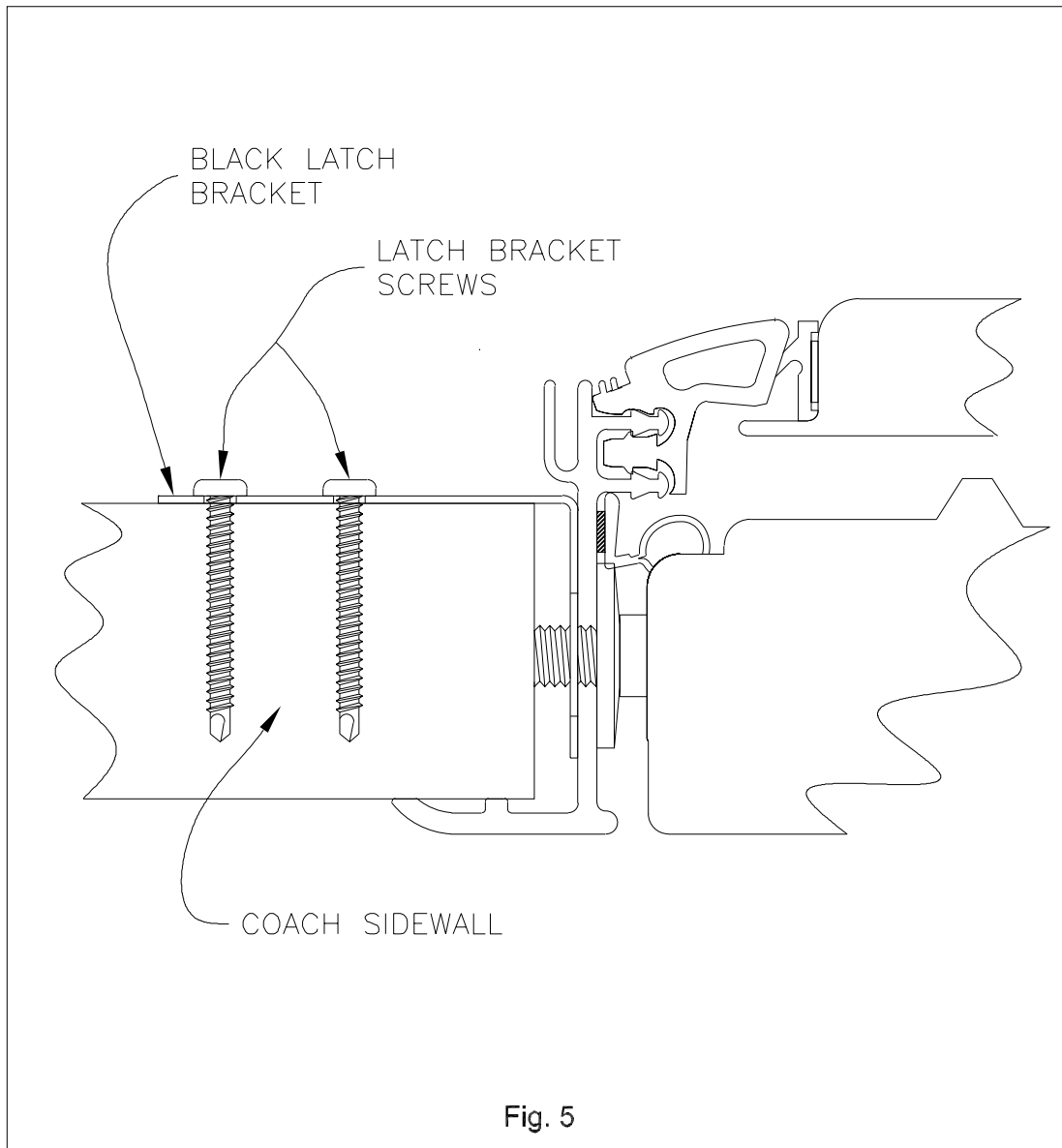
STEP 5

Install door assembly into coach opening, shift fully to the hinge side.

NOTE:

- 1.) It is necessary to bend the black latch bracket to install the door into the opening. (See Fig.4)
- 2.) Proceed to step #7 if not equipped with a Latch Bracket.

Secure Latch Bracket



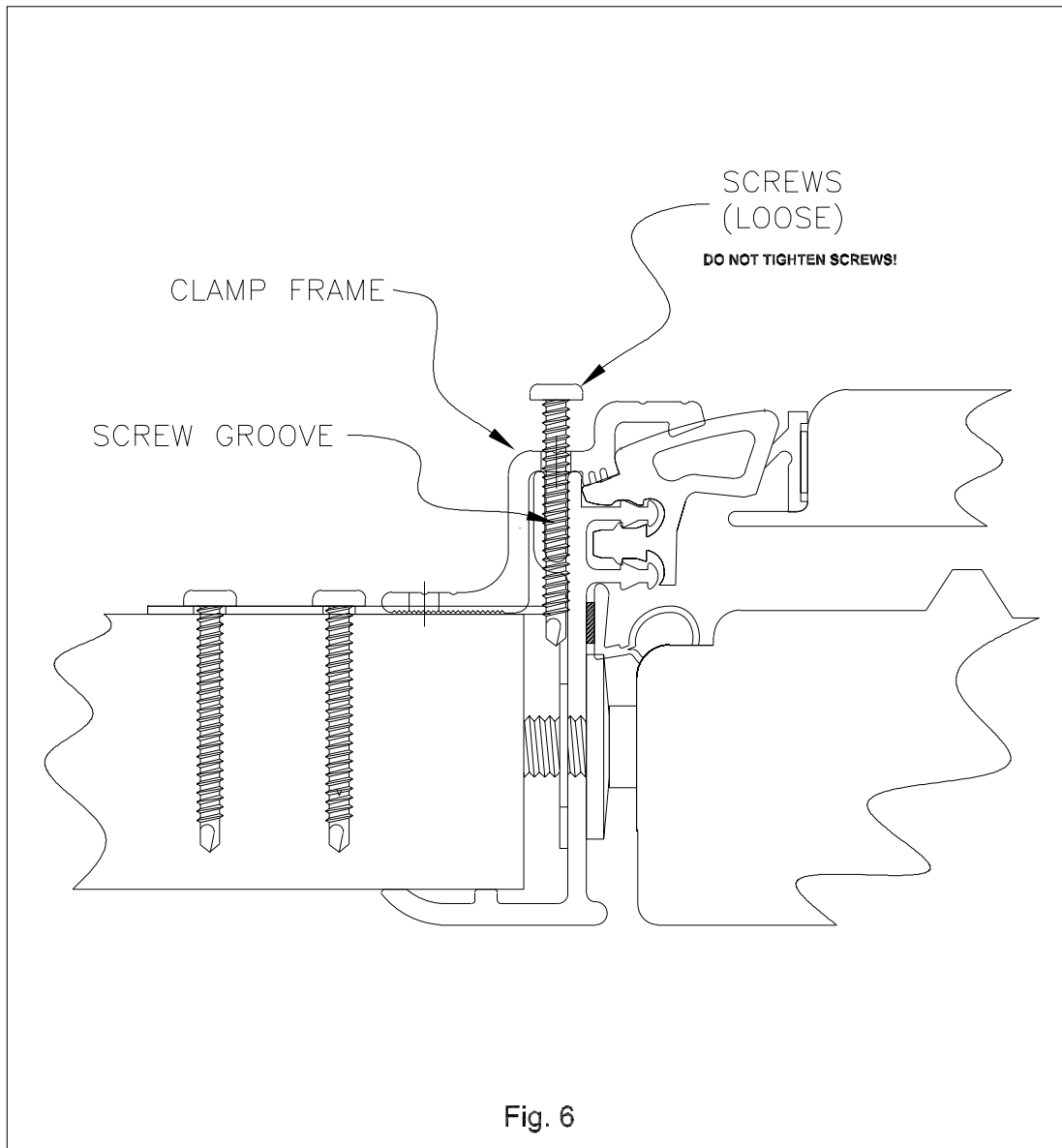
STEP 6

Secure black latch bracket to sidewall using (4) #8 x 1-1/2 PAN HEAD screws. (See Fig. 5) Bracket should be LEVEL and SQUARE before tightening.

Note:

Proceed to step #7 if not equipped with a Latch Bracket.

Door Assembly and Clamp Frame Attachment



STEP 7

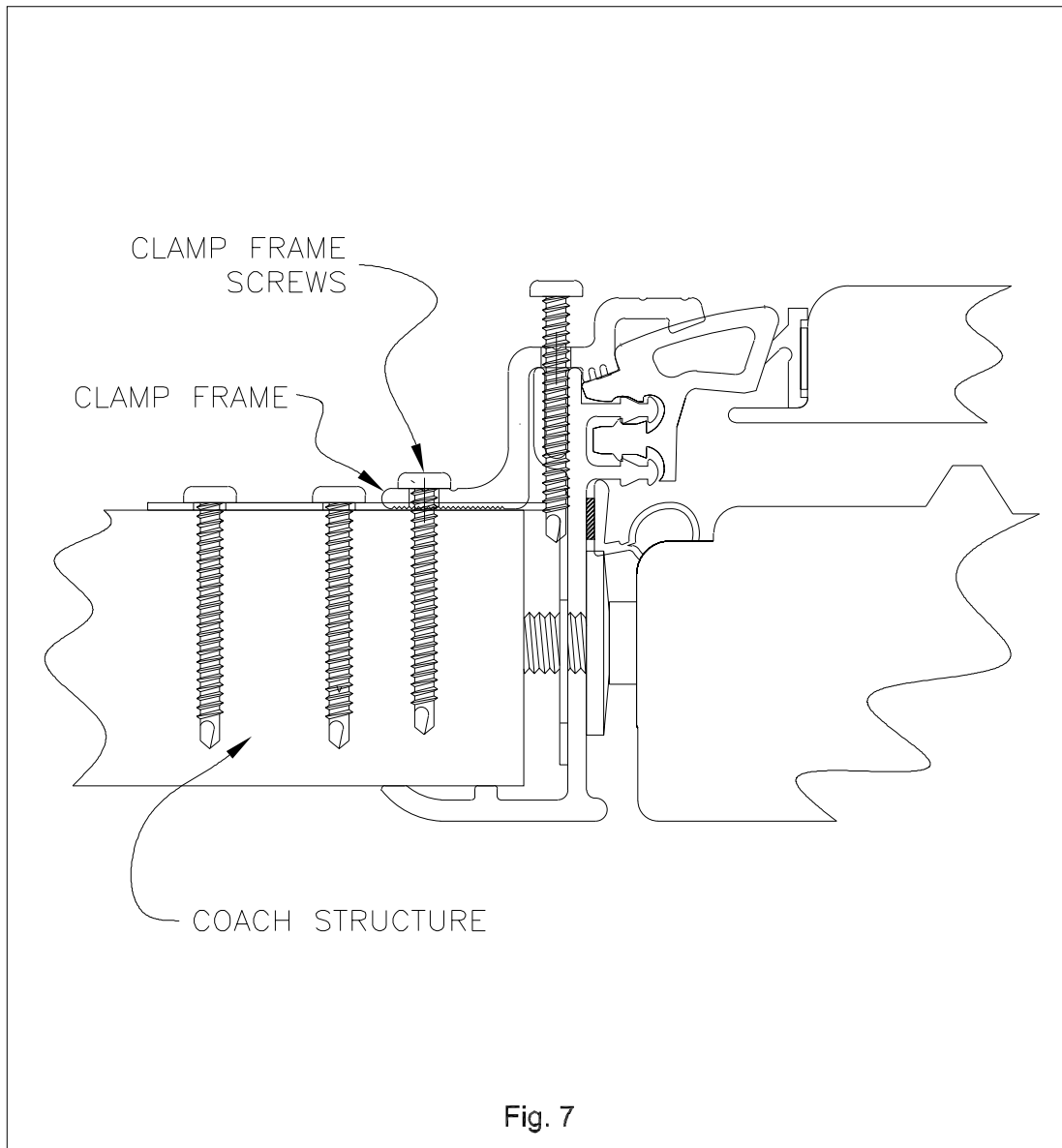
Position clamp frame so holes line up with screw groove in the outer frame. (See Fig. 6)

STEP 8

DO NOT TIGHTEN SCREWS!

Start #8 x 1-1/2" PAN HEAD screws through clamp frame into the outer frame in this sequence: at the top, on the hinge side and then on the latch side.

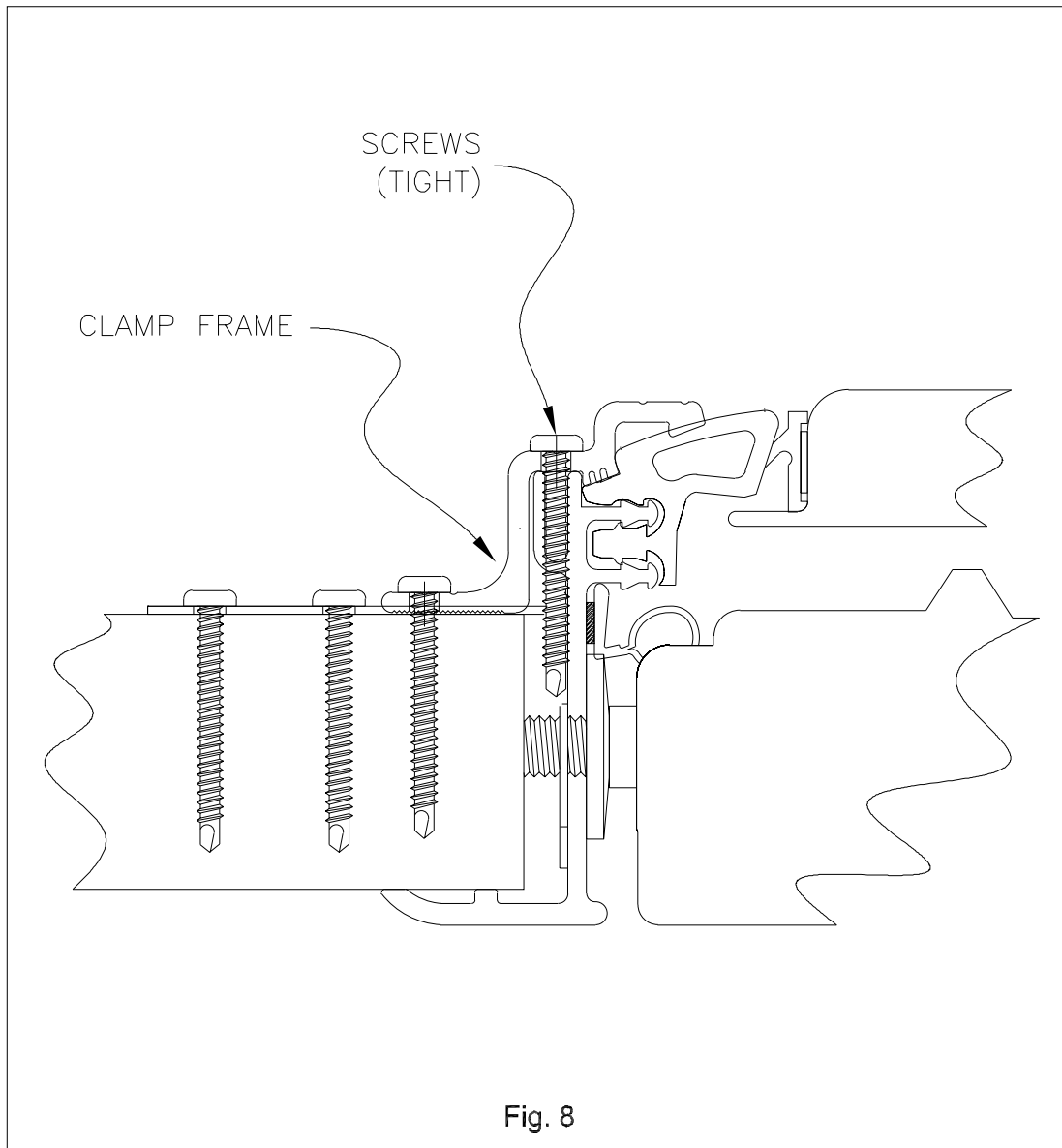
Attachment of Clamp Frame to Chassis



STEP 9

Secure clamp frame to coach structure through holes provided with #8 x 1-1/2" PAN HEAD screws - HINGE SIDE FIRST, THEN LATCH SIDE.
(See Fig. 7)

Clamp Frame to Mounting Frame Screws



STEP 10

Secure clamp frame to mounting frame, TIGHTEN SCREWS ALTERNATELY ON HINGE SIDE AND LATCH SIDE AND THEN ON TOP, to pull door in evenly. (See Fig. 8)

Nylon Shipping Block Removal

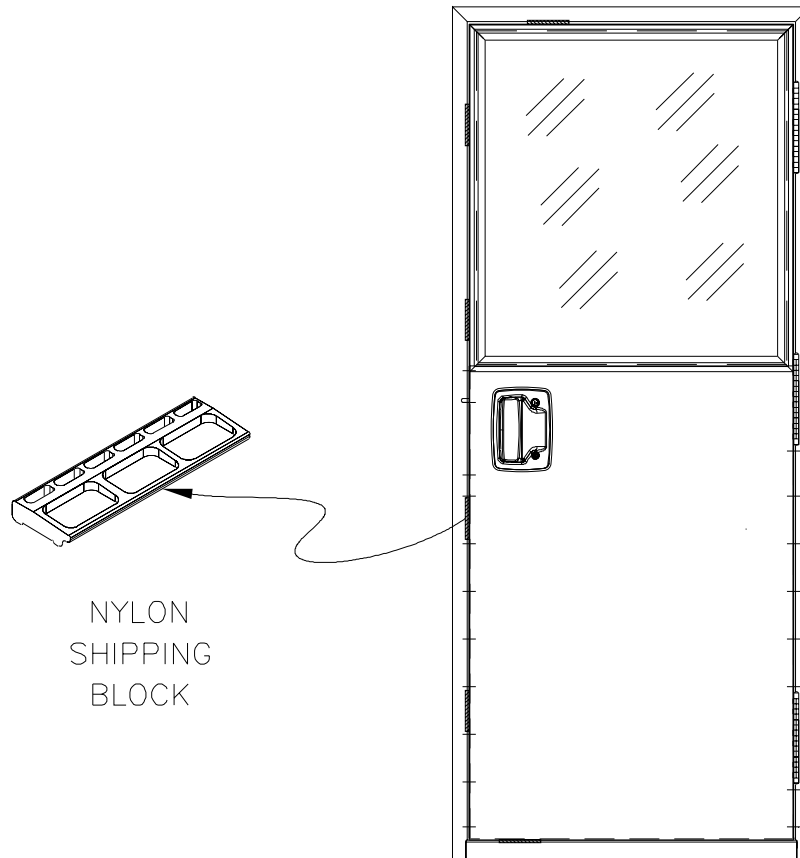
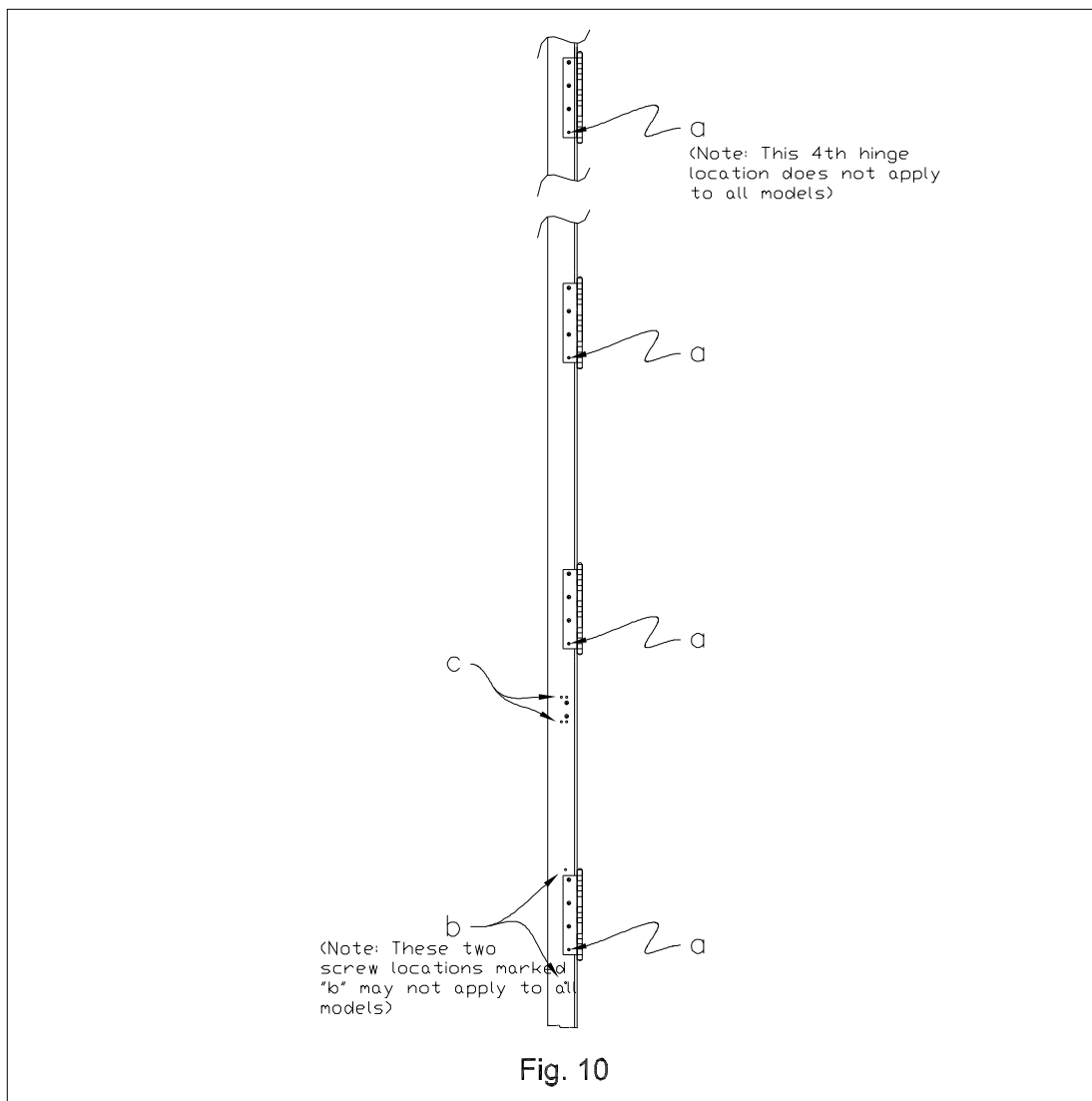


Fig. 9

STEP 11

Open door and remove shipping blocks. (See Fig. 9)

Secure Door Frame (Hinge Side)



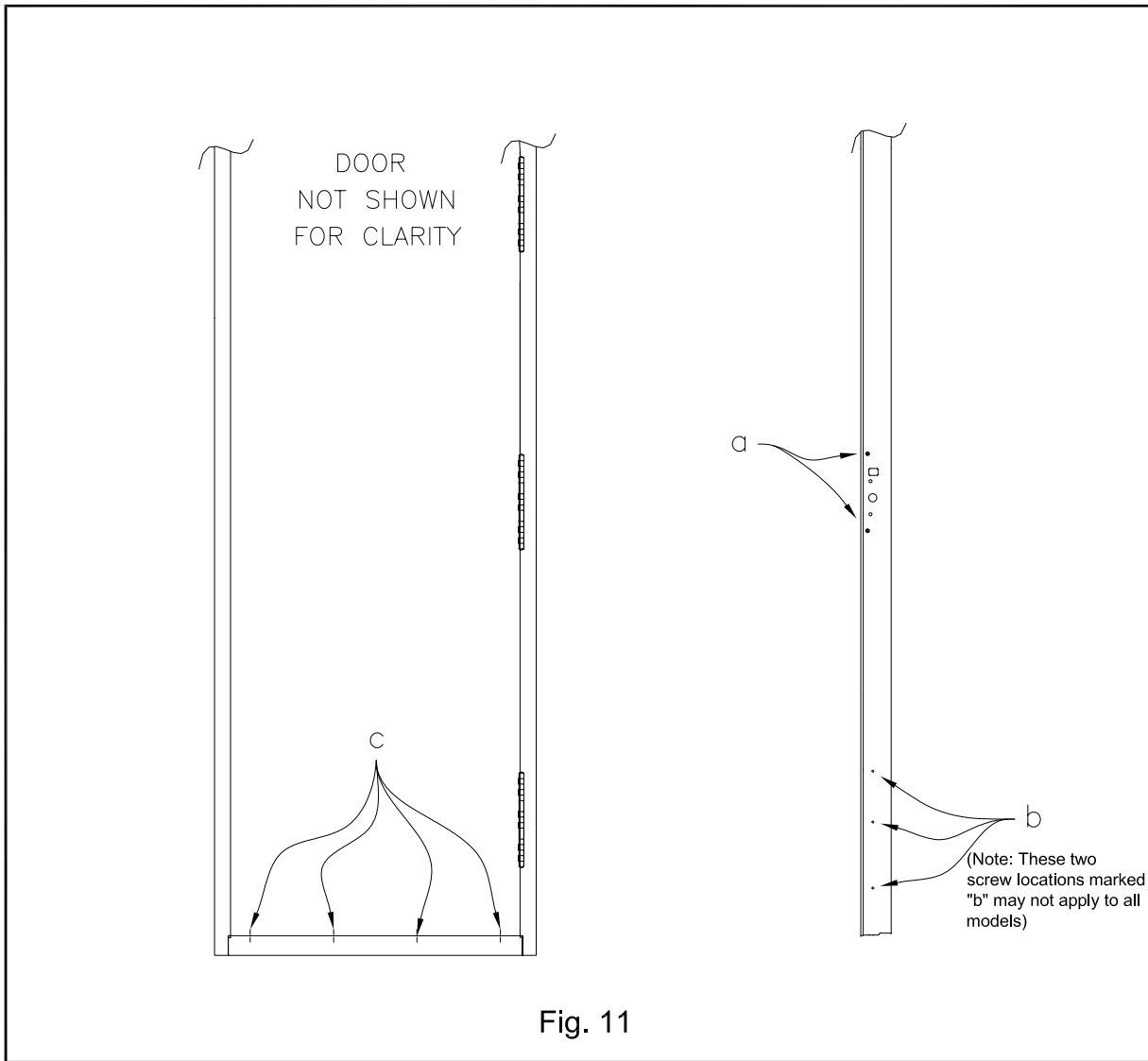
CAUTION
IMPROPER SEAL ALIGNMENT
DO NOT OVER-TIGHTEN SCREWS

STEP 12

In this order, secure fasteners into coach structure (See Fig. 10):

- a - (1) hole in each hinge with #10 x 1-1/4" PAN HEAD screws.
- (Applies only to some models) b - (2) holes provided in the lower portion of the outer frame on the hinge side with #8 x 1-1/2" PAN HEAD screws.
- c - (4) holes in door check pivot bracket located in the hinge side door jam with #10 x 1-1/4" FLAT HEAD screws.

Secure Door Frame (Latch Side)



CAUTION **IMPROPER STRIKER ALIGNMENT**

• DO NOT OVER-TIGHTEN SCREWS

STEP 13

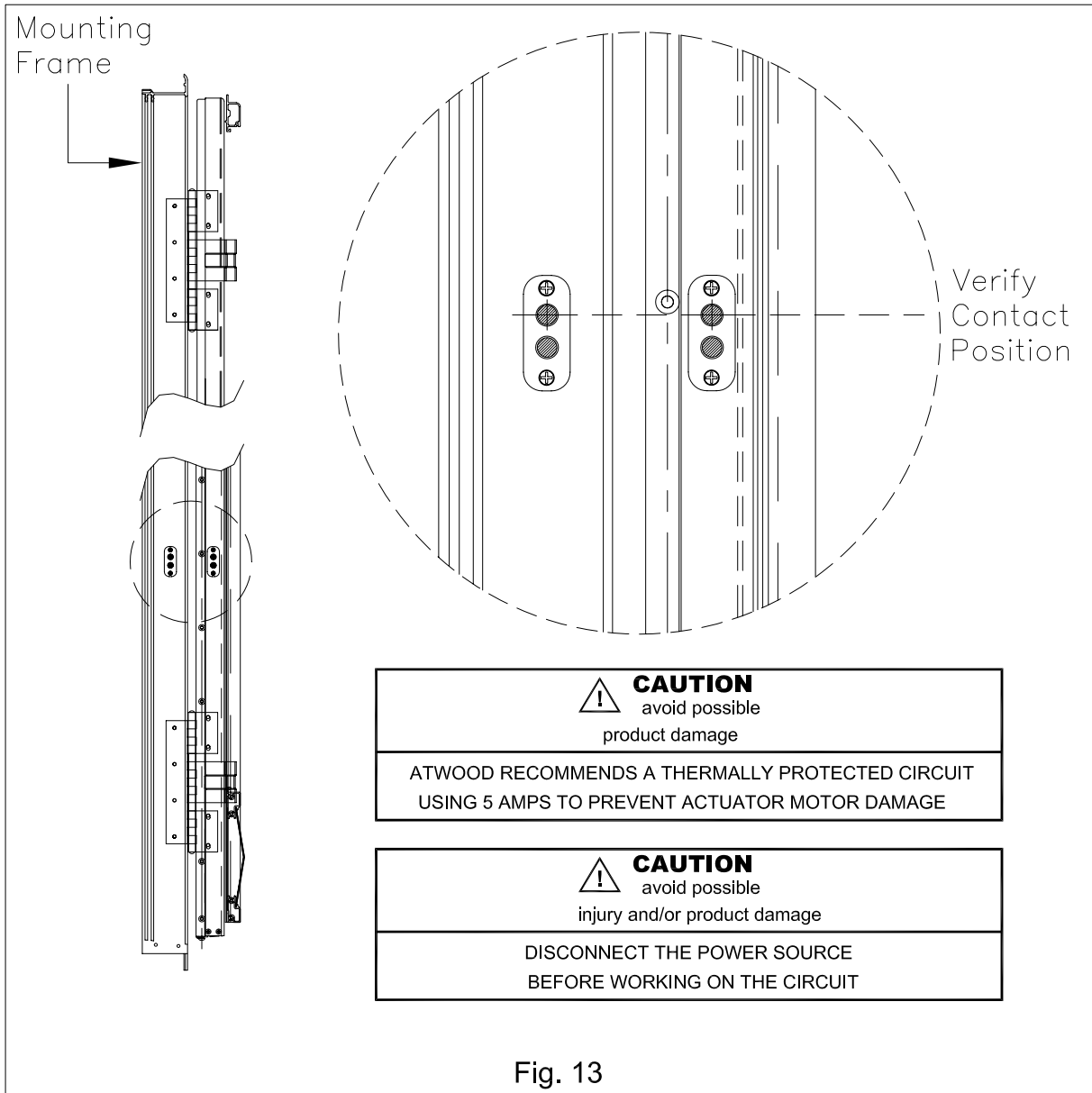
In this order, secure fasteners into coach structure (see Fig. 11):

a - (2) countersunk holes provided in the striker area of the outer frame on the latch side with #10 x 1-1/4" FLAT HEAD screws. Remove backer material from tape seal and press seal into place over screws.

(Applies only to some models) b - (3) holes provided in the lower portion of the outer frame on the latch side with #8 x 1-1/2" PAN HEAD screws.

c - (4) countersunk holes provided in the threshold with #10 x 1-1/4" FLAT HEAD screws.

Mounting Frame Contact Installation (If Equipped)



STEP 13a

Disconnect power source (12 V & Thermally protected 5 Amp).

Route power wires from coach through contact mounting hole in Mounting Frame and connect leads to the contact block.

Mount the contact block in the Mounting Frame using 2 #6 x 1/4" PAN HEAD Type AB screws. Reconnect power source.

Set the Lock Handle to its unlock position before shutting the door.

From inside the coach, close the door and test the actuator.

Verify the door is locking and unlocking properly under the Actuators power.

If the new Power Lock is functioning properly, proceed to Step 14.

Door Operation and Adjustment

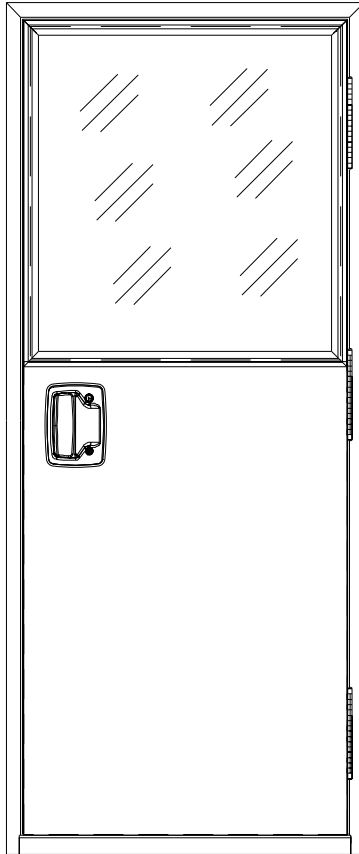


Fig. 12

STEP 14

Check door for proper operation, a properly installed door should not require further adjustment.

IF STRIKER BOLT IS ADJUSTED, IT MUST BE RE-TORQUED TO 35 FT-LBS