

RECREATIONAL VEHICLE DOOR

INSTALLATION INSTRUCTIONS



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General

Proper Installation is essential for the acceptable performance of this door. Improper installation will void the warranty.

These instructions are for doors manufactured by Dexter.

Please read these instructions completely before installing the door.

1. These instructions represent an acceptable installation method. Other methods may be acceptable. Determining the acceptability of alternate installation methods is the sole responsibility of the RV manufacturer.
2. Appropriate personal protective equipment (such as safety glasses, gloves, steel-toed boots, etc.) should be worn during the installation process.

CAUTION

Weight of products requires proper lifting techniques. Use a reasonable number of people with the required strength to carry, lift, and install the door unit. These instructions are not intended to address all of the safety issues associated with the installation of these doors; it is the responsibility of the RV manufacturer to establish appropriate safety practices.

3. Dexter does not warrant that the products and instructions provided comply with all applicable building codes and regulations. It is the responsibility of the RV manufacturer to ensure the products and methods used in construction and installation conform to all applicable codes and regulations.
4. Do not leave doors in direct sunlight when wrapped.

Rough Opening Preparation

1. The exterior surface must be flat within 1/8".
2. Make certain the rough opening (referred to as "R.O." in the remainder of the document) is correctly sized and constructed either for a square corner door or a radius corner door. The R.O. equals the door call size in width and height (example: a 30 x 70 call size = 30" wide x 70" high R.O) unless otherwise noted in the sales literature. For specific door data in Figure 3, see the table in Optional Installation Procedures. If applicable, the radius ("R") of the door is specific to the system. The R.O. sill must be square to the floor within 1/8" across its width. If the R.O. sill is out of square by a greater amount, it may not be possible to shim and square the door in the opening.
3. For square corner doors, check the squareness with diagonal measurements (see Figure 1). The difference between 1 to 4 and 2 to 3 should not exceed 1/4". If the R.O. does not conform to these requirements, it must be modified so that the sill is square to the floor within tolerance and the diagonals are within the 1/4" allowance.

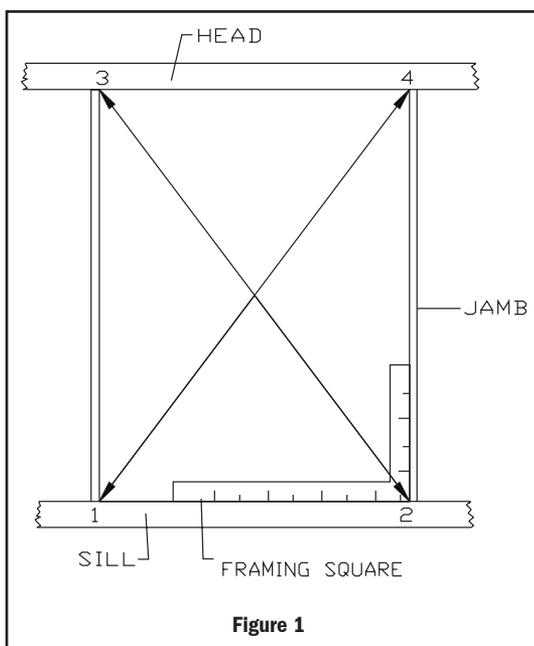
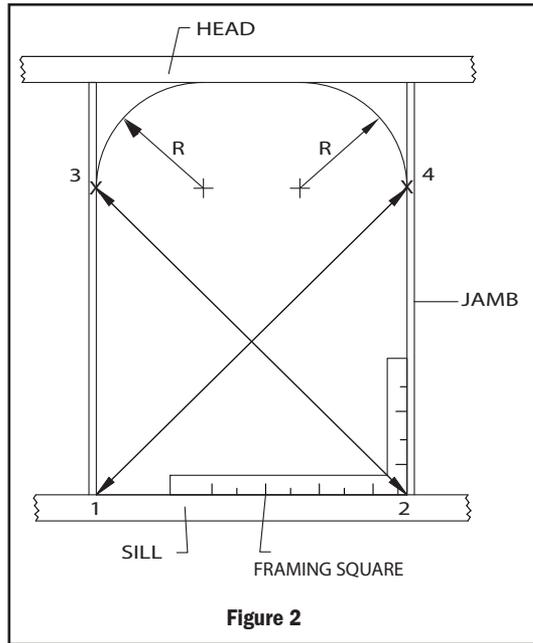


Figure 1

4. For radius corner doors, check the squareness with diagonal measurements (see Figure 2). The difference between 1 to 4 and 2 to 3 should not exceed $1/4"$. If the R.O. does not conform to these requirements, it must be modified so that the sill is square to the floor within tolerance and the diagonals are within the $1/4"$ allowance.

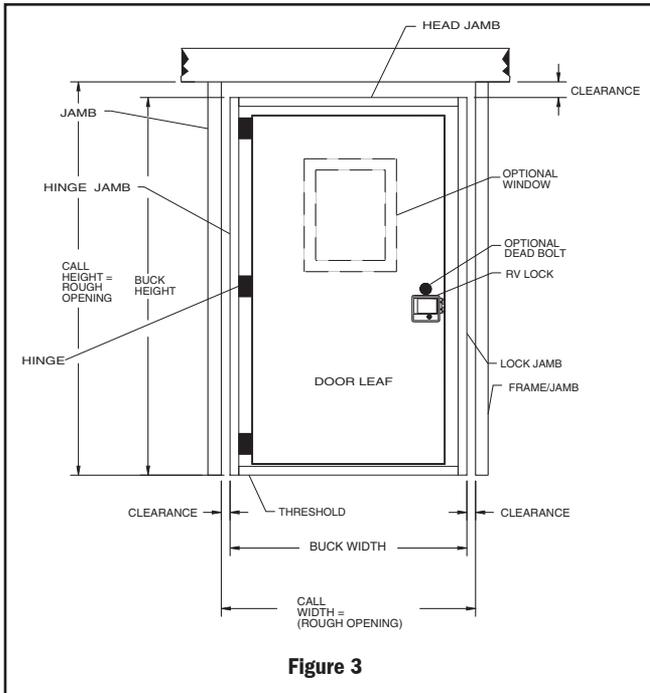


5. Inspect the exterior face of the R.O. where the mounting flange of the door will contact. This area must not have gaps or voids in the area where the mounting flange contacts. The sheathing or exterior wall material that the door will be fastened to must be structurally adequate so that the door unit is fully anchored.

Door Inspection and Preparation

Door Terminology

Become familiar with the terminology used throughout these instructions by studying Figure 3.

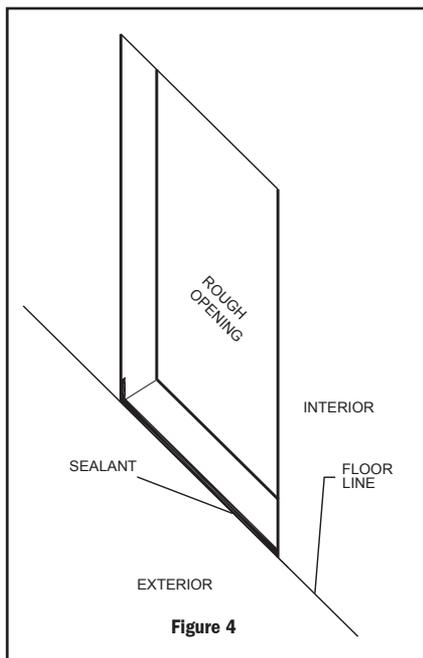


1. Measure the door prior to proceeding with the installation to ensure that it matches the rough opening.
2. Inspect the mounting flanges to ensure they have not been bent, damaged, or distorted during shipping or handling to the extent that they will not seat flat against the exterior perimeter of the R.O. If bent, damaged or distorted, straighten the mounting flange so that it will make contact with the exterior face of the wall or contact Dexter.
3. Doors must always be closed during installation. Dexter doors are shipped with spacer blocks and/or installation clips to assist installation by maintaining a reveal between the frame and door core until the door is fully installed. Fill any gaps or voids between the door mounting flange and the exterior perimeter of the R.O. Gaps or voids in this area may provide a path for water and air to enter.

4. Apply a 1" continuous bead of sealant (pumpable caulk or sealant tape) on the floor so that the outside edges (both sides) of the frame sill will be sealed to the floor extending about 6" up the frame/jamb (see Figure 4). Before using sealant, see **Caution** in item number 5.
5. Apply a 1/4" continuous bead of sealant (pumpable caulk or sealant tape) to the back side of the mounting flange, in line with pre-punched holes in the mounting flange.

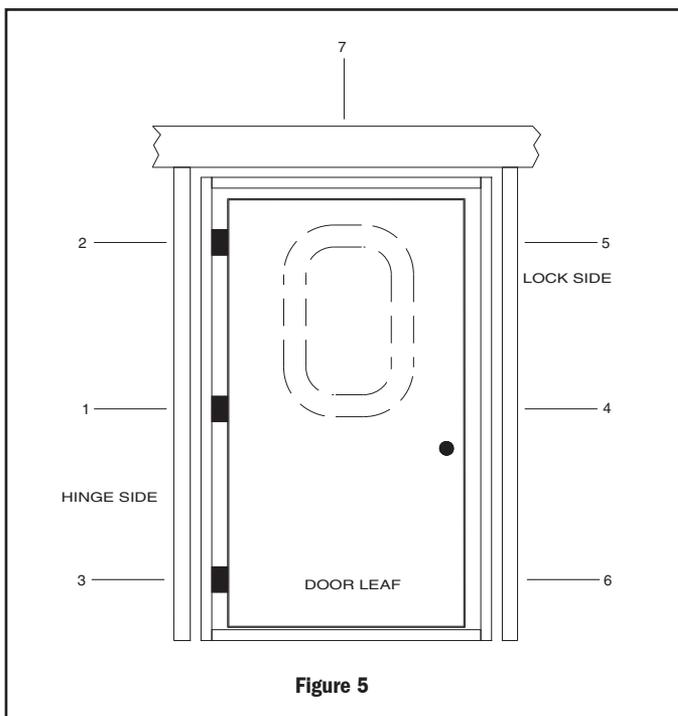
CAUTION

If the door units are pre-sealed with pumpable caulk prior to installation, a skin may form on the sealant caulk causing a potential for failure, however sealant tape does not normally have this problem. Refer to the sealant manufacturers instructions for sealant curing time. Be sure to install the door before the sealant sets up on the mounting flanges.



Door Installation

1. Place the door in the R.O. on the door sill. If the R.O. sill is not square to the floor then remove the door and reconstruct the R.O. sill so that it is square.
2. For all doors except 5055 Radius Corner, center the door from left to right but do not remove the sill from contact with the R.O. sill. If the door type is a 5055 Radius Corner door, butt the shim on the lock side of door to the R.O. jamb. When installing doors, it is required to use corrosion resistant fasteners that produce a minimum of 1" penetration into the framing members.
3. While holding the door frame flat against the exterior of the wall, fasteners should be installed in both jambs and at the head; install screws at the designated mounting locations making sure that you get at least a 1" penetration from the door jamb or head into the wall studs. See Figure 5 for order of placement. **Note:** If scaffolding is used and interferes with the top of the door, it is acceptable to install these screws later when it is more accessible.



CAUTION

Do not over drive fasteners. To do so will fracture or unduly deform the mounting flange and compromise the seal. Do not apply fasteners or staples through any other surface of the door other than the Dexter door specified areas and/or the mounting flange. Failure to comply may void any manufacture warranty.

4. After the fasteners have been installed through the midpoint of the mounting flange at the hinges and lock sides, it is recommended that you re-check the door frame to be certain it is centered from side to side in the opening, and that the door frame is square. Measure opposite corners of the door frame in a manner similar to measuring the diagonals of the R.O. (see Figure 1) or the radius corner door (see Figure 2). It should be within 1/8".

CAUTION

The mounting flange is provided with pre-punched holes. Never leave holes or slots unsealed; water can penetrate.

Fasteners should be installed in every hole. Continue installation of the rest of the fasteners starting in the center of each member and progressing out to the corners. Fasteners must be installed close enough together to ensure the sealant on the back of the mounting flange makes full contact with the exterior perimeter of the R.O.

5. Once the door is securely fastened in place, unlock and open the door, remove any pre-squaring clips, and install any remaining door hardware.
6. Adjust the strike plate as follows so that when testing for proper operation, the door closes and seals properly (for every door except Rotary Lock/5055 Series).
 - A. Loosen strike plate mounting screws only enough to tap the strike to a new position and retighten to eliminate any movement.
Note: Over loosening of the strike plate mounting screws will result in interior clips of the strike plate falling down inside the rough opening.
 - B. Two (2) pin style safety lock strikes may only be adjusted up and down on the frame.
 - C. Travel trailer style locksets, knob/knob or knob/lever lock sets may only be adjusted in and out on the frame.

For 5055 Series/Rotary Style Doors

There is only one adjustment that should be made on this hardware. The striker bolt may be adjusted up, down, in or out to make opening the door easier. The caged nut is fastened to the door frame and will not fall when the strike bolt is removed.

For striker bolt adjustment:

1. Operate to make sure the inside and outside handles operate smoothly.
2. Operate the deadbolt to make sure that it extends and retracts smoothly.
3. Check the alignment of the striker bolt and the rotary latch. Adjust the striker bolt up and down if needed. Mark the frame around the top and bottom of the washer on the striker bolt.
4. Close the door and check that the latch engages into the fully latched position. On this latch there are two closed positions; fully latched and a secondary safety catch. Adjust the striker bolt in and out as necessary.



Optional Installation Procedures

Cleaning

Do not use abrasive cleaners on the glass as they may permanently scratch or mar the surface. Any cleaners, other than a mild detergent and soft cloth, should be tried in a small corner of the door so as to check whether they damage the finish.

Series	R.O.**		Buck		Clearance	
	Width	Height	Width	Height	Width per Side	Height
6555	Call	Call	Call-1/4"	Call-1/8"	1/8"	1/8"
5055RC	Call	Call	Call-1"	Call-1/4"	1/4" on hinge side Shim is tight to R.O. on lock side	1/4"
5050RC	Call	Call*	Call-1/2"	Call	1/4"	1/4"
5050SQ	Call	Call	Call-1/2"	Call-1/4"	1/4"	1/4"

* R.O. height = call height + 1/4"

** R.O. width may be oversized by 1/4" and R.O. height may be oversized by 1/8", but Dexter does not recommend undersizing.

Dexter Door Limited Warranty

WHAT PRODUCTS ARE COVERED

All Dexter Axle Company doors ("Dexter Door") purchased after May 4, 2009.

LIMITED 2 YEAR WARRANTY

Dexter Door warrants to the original purchaser that its doors shall be free from defects in material and workmanship for a period of two (2) years from the date of first sale of the trailer incorporating such components.

EXCLUSIVE REMEDY

Dexter Door will, at its option, repair or replace the affected components of any defective door, repair or replace the entire defective door, or refund the then-current list price of the door. In all cases, a reasonable time period must be allowed for warranty repairs to be completed. Allowance will only be made for installation costs specifically approved by Dexter Door.

WHAT YOU MUST DO

In order to make a claim under these warranties:

1. You must be the original purchaser of the trailer in which the door was originally installed.
2. You must promptly notify us within the warranty period of any defect, and provide us with any substantiation which may include, but is not limited to, the return of part(s) that we may reasonably request.
3. The door must have been installed and maintained in accordance with good industry practice and any specific Dexter Door recommendations, including those specified in Dexter Door's installation instructions.

EXCLUSIONS

These warranties do not extend to or do not cover defects caused by:

1. Damage to the door caused by impact of foreign objects, acts of God, fire, explosion or other casualty, structural settlement, vibration, excessive heat or moisture, incorrect or unreasonable use (including failure to provide reasonable and necessary maintenance) improper installation, abuse, neglect, negligence or vandalism.
2. Any defects relating to customer/owner applied finishes, films (including use of a sun shade film), sealants or caulking.
3. Defects caused by natural weathering, air pollution or exposure to harmful chemicals.
4. Costs for dismantling, replacing or reinstalling the door.
5. Altered or reinstalled doors.



6. Screens, screen material. Any defects caused by unlevelled, twisted, or out of square door openings.
7. Stress cracks due to improper installation.
8. Defects or damage due to improper installation.

LIMITATIONS

1. In all cases, Dexter Door reserves the right to fully satisfy its obligations under the Limited Warranties by refunding the then-current list price of the defective door (or, if the door has been discontinued, of the most nearly comparable current product).
2. Dexter Door reserves the right to furnish a substitute or replacement component or product in the event a door or any component of the door is discontinued or is otherwise unavailable.
3. Repair or replacement of a door or any component part thereof or the insulating glass unit will not extend the warranty period for the door.
4. These warranties are nontransferable.

GENERAL

THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES EXCEPT THAT OF TITLE, WHETHER WRITTEN, ORAL OR IMPLIED, IN FACT OR IN LAW (INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE).

These warranties give you specific legal rights, and you may also have other rights which vary from state to state.

DEXTER DOOR HEREBY EXCLUDES INCIDENTAL AND CONSEQUENTIAL DAMAGES, INCLUDING LOSS OF TIME, INCONVENIENCE, LOSS OF USE, TOWING FEES, TELEPHONE CALLS OR COST OF MEALS, FOR ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

Inquiries regarding these warranties should be sent to:

Dexter Axle
P.O. Box 250
Elkhart, Indiana 46515

Genuine Dexter components are available from our plant locations listed below or through our network of distributors. Check our web site for the distributor nearest you.



Dexter - Headquarters

2900 Industrial Parkway East ■ Elkhart, Indiana 46516
 Phone: 574-295-7888 ■ Fax: 574-295-8666
www.dexteraxle.com

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 Fremont, Indiana 46737
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 Fax: 260-495-1701

Dexter - Plt 13

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 Albion, Indiana 46701
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 Fax: 260-636-3030

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 El Reno, Oklahoma 73036
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 Monticello, Georgia 31064
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 Fax: 706-468-2966

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 Fax: 470-443-1715

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 San Marcos, California 92069
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 Fax: 760-744-1616

Dexter - Plt 25

1041 Baxter Lane
 Winchester, Tennessee 37398
 Phone: 931-967-5101
 Fax: 931-967-1828

Dexter - Plt 39

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 Bristol, Indiana 46507
 Phone: 574-848-4491
 Fax: 574-848-4825
www.ventline.com

Dexter - Plt 51

347 King Street West
 Ingersoll, Ontario N5C 3K6
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 Fax: 519-485-2163
www.ingersollaxles.com

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5885 51 Steet SE
 Calgary, Alberta T2C 3V2
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 Fax: 574-295-6626

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