

DOORS

Camber in an entry door is defined as a slight outward bow of the door at the door latch. The purpose of the camber is to allow the door to contact the frame in the top and bottom corners first, promoting a solid and weather-tight seal when the door is latched. Reverse camber that allows the latch area of the door to contact first will result in moisture entering the coach and causing water damage to the side walls and door frame areas.

To check for proper camber:

1. A long straight-edge is required, one that will span the entire height of the door.
2. Line the straight-edge up vertically along the outside edge of the door (Fig. 1).

NOTE: Red line represents straight-edge; not to scale.

3. With a ruler or tape measure, measure the distance of the gap between the straight-edge and the door (Fig. 1).

NOTE: The gap should be between $\frac{1}{8}$ " and $\frac{1}{4}$ ". If the gap is less than $\frac{1}{8}$ " or is actually reversed and the latch area of the door contacts the frame first, the door **MUST** be replaced. If the gap is greater than $\frac{1}{4}$ ", follow the directions in (Fig. 2 - Fig. 4).

Fig. 1



Fig. 2



Place a short 2x4, approximately 12-15" long, on a 45-degree angle between the entry door and the door frame at the upper radius. Close the entry door enough to hold the 2x4 in place (Fig. 2).

Fig. 3



While holding the door closed with one hand, put pressure on the door in the latch area (Fig. 3).

NOTE: Do not latch the door with the 2x4 in between the door and the frame. This may damage the door, window or frame.

Fig. 4



Place the 2x4 at a 45-degree angle between the entry door and the frame down at the threshold. Close the entry door enough to hold the 2x4 in place (Fig. 4). Repeat Fig. 3 and note the "Caution".

Measure for camber as in Fig. 1. Repeat Figs. 2 - 4 if necessary.

As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at customerservice@lci1.com. Self-help tips, technical documents, product videos and a training class schedule are available at lci1.com or by downloading the MyLCI app.