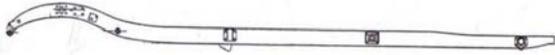


From the Frame Up, LLC



Tech Tips:

BP216 – Door Adjustment & Door Support Strap

These straps are designed to take the place of the factory straps and provide adjustment of the door to insure a good fit between the leading edge of the door and the tub. The factory installed a 1 inch wide strap between the upper rear (hinge side) of the door and the lower forward edge of the door. Please read these recommendations before you adjust your doors.



Each turnbuckle body is marked with the letter “L” on one end. Similarly two of the straps are marked with the letter “L” on the back. These components have “left hand” threads. The first step is to screw each strap marked with “L” into each turnbuckle end marked with the “L”. Next screw the nuts onto the remaining straps then screw the remaining strap into the other end of each turnbuckle.

You must decide if you will use the strap to pull the bottom of the door in toward the tub (in tension) or if you wish to push the bottom of the door out (in compression) to have better fit at the top of the door. The straps are pre set differently for each use. I would recommend that you remove the existing straps from the door before you evaluate as the factory strap may be contributing to the condition you

are trying to eliminate. Once you have removed the factory strap look closely at the existing screw holes. If you are comfortable with using existing holes, proceed. You may wish to fill the existing holes by drilling and gluing dowel, or plugs, into these holes to restore the wood in preparation for new holes. Alternatively you may wish to relocate the holes slightly to insure the screws are placed in new wood.

If you are using the strap in tension, and wish to pull the bottom in, adjust the turnbuckle so that there is 1/2 to 5/8 of an inch of thread exposed at each end of the turnbuckle and approximately 1 inch of adjustment when installed on your door. If you are using the strap in compression, to push the bottom of the door outward, adjust the turnbuckle so there is about 1/16th of an inch between the threaded ends inside the body of the turnbuckle. These are the starting points and your doors may require additional fine tuning.

Hold the straps up to the doors checking for length and location. If the straps overlap the metal skin that is wrapped around the wood, it is suggested that the strap be trimmed to avoid overlap and insure good fit for the interior door panel. Note the flat side of the straps should face to the center of the car when the door is closed. This will place the turnbuckles inside the door and insure the best possible fit by not interfering with the interior door panel when the door panel is installed.

When satisfied with the location drill and countersink the straps for the screws you are using. Be sure to countersink the flat side of the straps to insure a smooth installation of the door panel. If desired, this is a good time to paint the straps.

With the door closed you may use a small crescent wrench on the turnbuckle to adjust the strap to create the desired fit of the leading edge of the door with the tub. Tighten the turnbuckle to bring the bottom in and expand the turnbuckle to bring the bottom of the door outward. When you are satisfied with the door fit, lock the turnbuckle in the desired position using the nut as a lock nut tightening it against the turnbuckle. Should the shape of the door change over time, you now have the ability to make adjustments.