

Door Check Buffer Installation Instructions

August 12, 2019

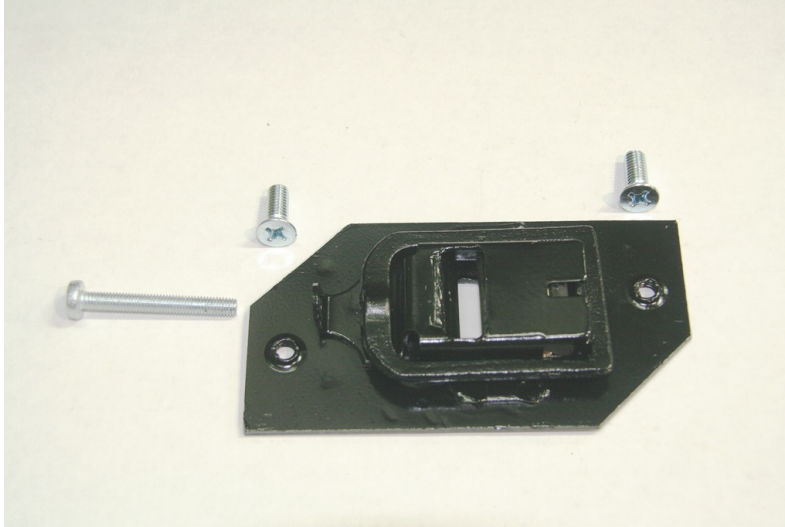
The door check assembly's function is to hold the door at both the halfway open and the fully open positions.

Door Check Part Descriptions:

Door check assembly and components – (see picture 1)_



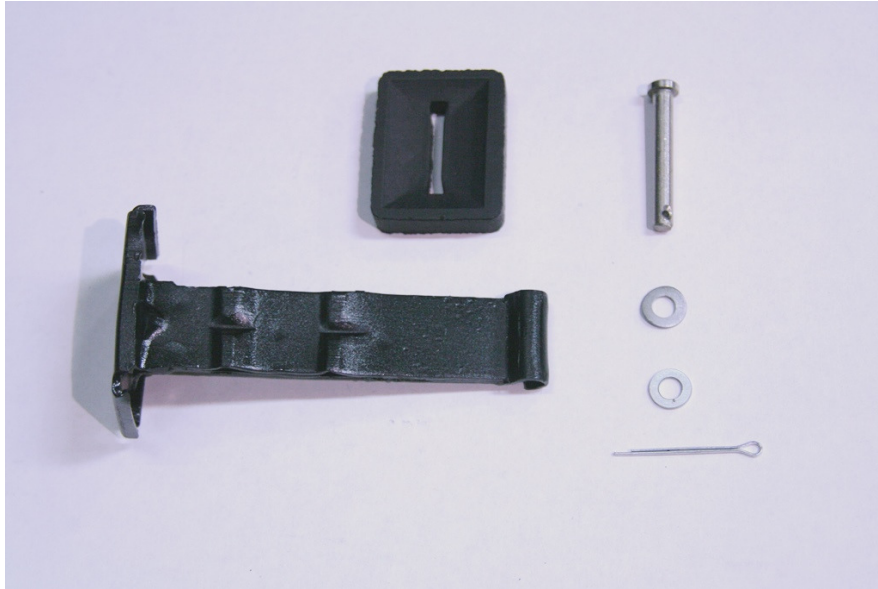
The door check device - (See picture 3) This device is mounted on a steel plate that is about 2-1/2" wide and 4-1/2" long. It is attached to the inside of each door, on the hinge side. It contains three serviceable parts: 1) two mounting screws, 2) one long adjusting screw and 3) a rubber buffer with a steel nose piece.



Hinge post bracket - (See picture 5). It is mounted to the door hinge post and also has a clevis and a cotter pin.



Door strap - (see picture 6). This mounts to the hinge post bracket via a clevis pin which allows it to swivel. The strap then goes through the door frame and through the door check assembly. On the other end of the strap is the door stop plate with a rubber buffer that limits the door's maximum travel. Along the length of the strap are detents that keep the door open at the specified position.

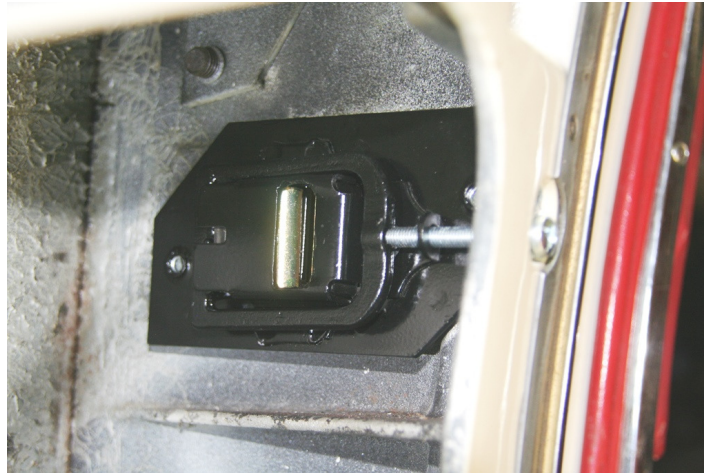


Rebuilding the door check:

- 1) First remove the door panel.
- 2) Evaluate the door check components. Look and see if all of the parts are there and assess their condition. Using salvaged parts may be necessary.
- 3) Remove door strap from the hinge post bracket. To do this remove cotter and clevis pin.
Note: The clevis pin is frequently bent from abuse and may need a replacement.
- 4) Check the mounting screws and see if they loosen. There is a chance they are corroded and penetrant will be needed. Most mounting screws are visible, but on some models one screw may be hidden behind weather-stripping.
- 5) If the mounting screws are a flat head Phillips style, the use of a right angled ratcheting screwdriver may be needed. (see picture 8).



6) Once the mounting screws are loose, remove the long adjustment screw and the mounting screws. Remove the door check assembly (see picture 7).



7) With the door check out, remove the “D” shaped collar. Press out the old rubber buffer with the steel nose piece.

8) Look at the door strap and its condition. If the detents are flat, they can be reshaped as needed.

9) Clean the door check components. Abrasive blasting (if available) or soaking in a parts cleaning solution is also effective.

10) Refinish the door check components by either plating or painting.

11) To reassemble, follow reverse order. Be sure to use the new rubber/steel nose piece. Replace other parts as needed including the buffer on the door strap.

12) It is advisable to use an anti-seize compound on the screw threads when assembling.

13) With the door check assembly and its components installed, lightly lube the door strap with grease.

14) Adjust the compression of the rubber buffer. To do so, simply turn the adjusting screw clockwise to increase the braking force and counterclockwise to reduce the braking force.

15) Give the door several trial runs observing the door stopping at the halfway and the fully open positions. Also note the door at the fully open position, be sure it has adequate clearance to the fender and trim.

16) If the clearances are too close between the fender and the doors leading edge, you can add another buffer at the end of the strap.

17) Adjust the buffer until satisfied with the action.

18) Install door panel.