How To Replace the Left Barn Door Lock On The 2008–2014 Clubman

A common failure condition of the 2007–2014 MINI Clubman is the left rear split-door doesn't open. Sometimes it will unlatch, but then won't re-lock.

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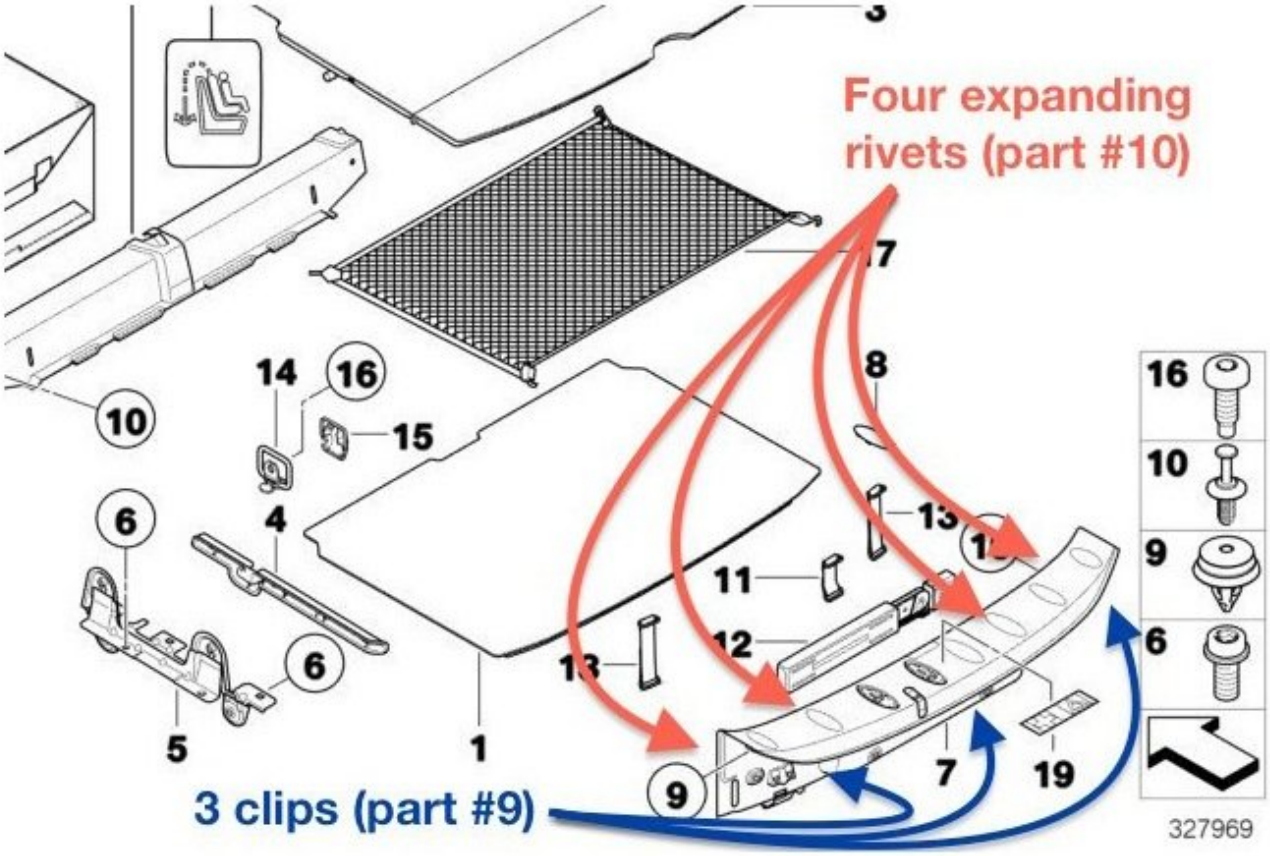


INTRODUCTION

A common failure condition of the 2007–2014 MINI Clubman is the left rear split-door doesn't open — the latch just doesn't unlatch. Sometimes it will unlatch, but then won't re-lock itself when you push the door shut.

This turns out to be a very fast and simple fix! I've put together these instructions with diagrams (from the official MINI parts diagrams courtesy of realoem.com). *I think they're complete but please let me know if anything is unclear or missing so I can improve them.*

I originally wrote this guide and posted it on North American Motoring forum, as How to Replace the Left Barn Door Lock on the 2007-2014 Clubman.

Overview

The split door lock is actually pretty easy to access. You will need to pull up the plastic panel that lies across the rear door opening. That will get you access to the two big Torx bolts that secure the lock to the car's body, so you can remove it. Then you just slide it out through a convenient hole in the body made for the purpose, then unplug it from the wire connector. Assembly is the reverse of disassembly.

Aside: Getting the Repair Part

The MINI part number is **51247167498**. Plug that into your favorite search engine and you'll get a ton of hits for it. Almost everyone selling it is going to have it drop shipped to you directly from MINI's warehouses, so just shop for the best price.

(Personally, I'm fond of ECS Tuning. Great service and the support the Mini community. Get the part here.)

Can't open the rear door?

If the door is already stuck shut, you need to open it to fix it. This thread on North American Motoring can help: **How to manually open the rear barn doors**.

TOOLS:

- T30 Torx Driver (1)
- Flathead Screwdriver (1)

Thin, for prying

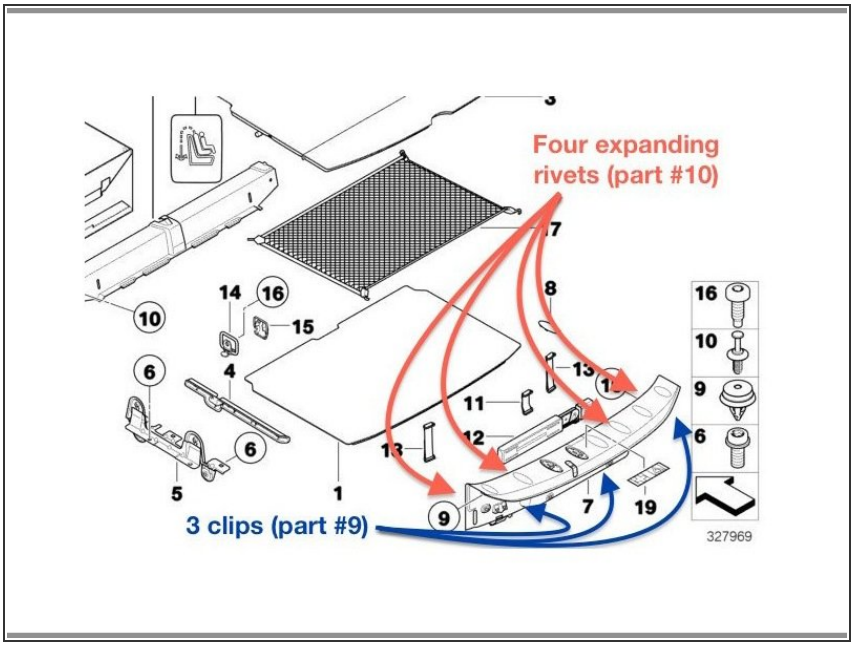
For prying. A trim panel tool works even better.

- Trim panel tool (1)

PARTS:

- Lock for Split Door, Left (1)

Step 1 — Remove the Loading Sill Cover

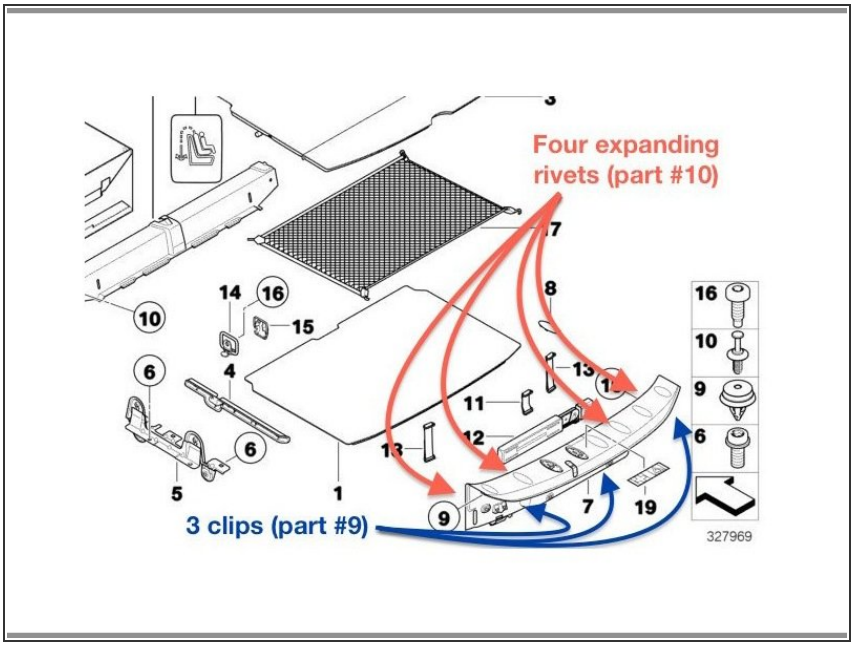


- Fold the folding "flat-load floor" of the trunk (boot) back out of the way.

  Remove anything you have stored under it, as you'll need to lift the actual bottom floor panel later.

You're going to remove part #9 on this diagram. It's held in place with four plastic **expanding rivets** on the inside of the luggage compartment, and three **plastic clips** that we'll just pull out.

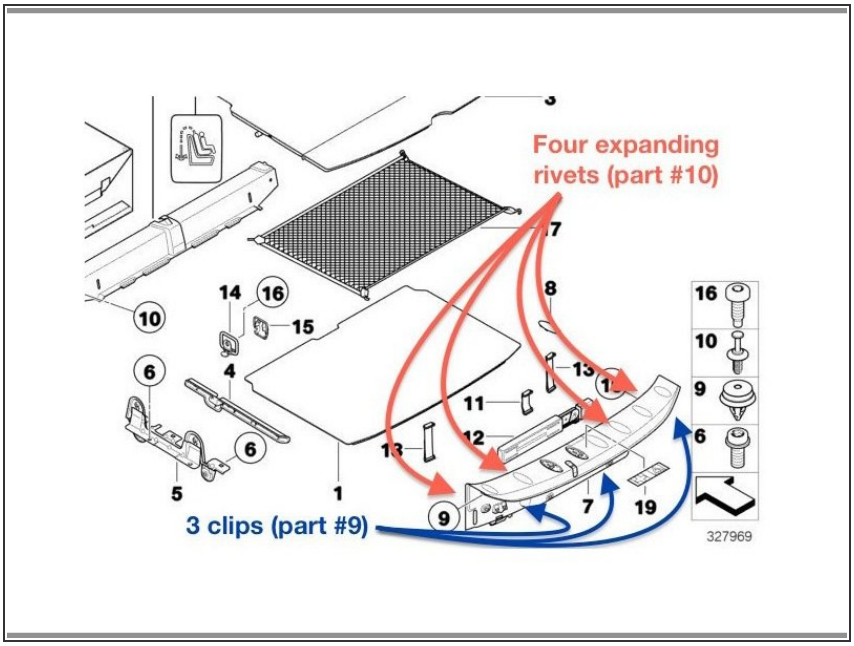
Step 2 — Remove four expanding rivets from loading sill cover



- Remove the **expanding rivets**. Use your flathead screwdriver (or trim tool) to carefully **pull out the center pin**. (This will allow the shaft of the rivet to un-spread itself, so you can pop it out.)
- Then use the flathead screwdriver to pry underneath the edge of the rivet and work it out. This will require some force.

You'll have to bend over to look inside the boot to see the rivets. A flashlight will help a lot.

Step 3 — Remove the bottom floor panel

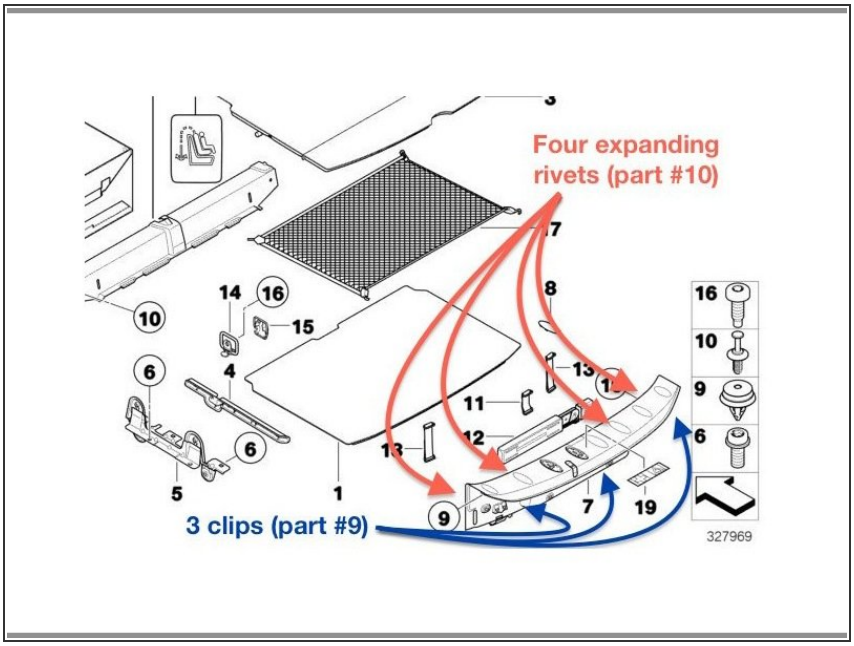


- Remove the bottom floor panel (part number 9 on the diagram)
- Use your fingers to pull the bottom edge of the Loading Sill Cover (part number 7) forward the front of the car.

  (That's *away from you* if you are standing outside the back of the car. I can't imagine where else you would be standing.)
- You'll need to clear the **metal tie-downs** that are secured to the car's body.

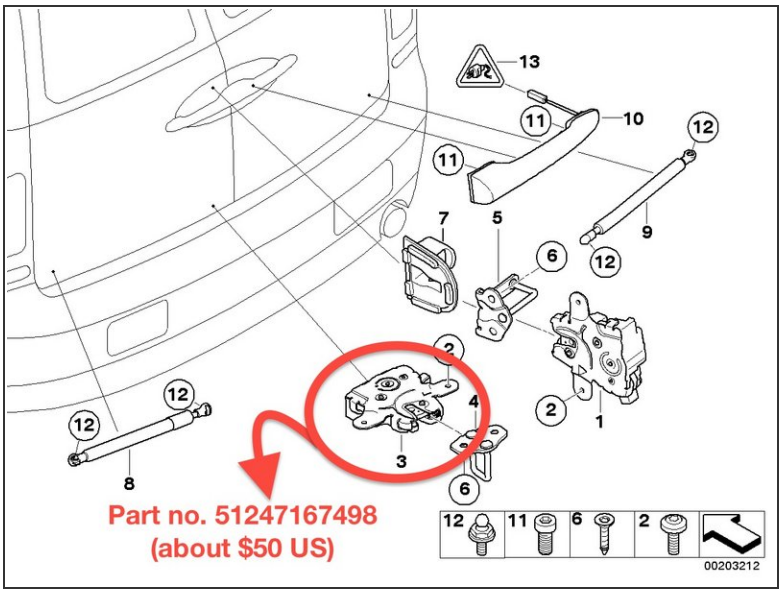
  The cover is stiff but somewhat flexible; you won't break it and you will need to use some force.

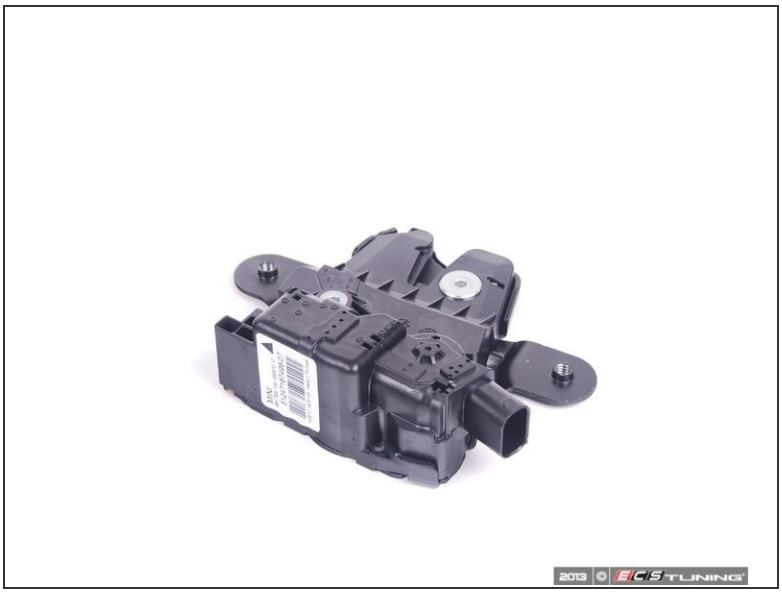
Step 4 — Remove the Loading Sill Cover



- As soon as you have cleared the tie-downs, **pull straight up** on the Loading Sill Cover.
  - Pull hard. No, *harder*. Yes, that hard. Keep pulling. You won't break it.
- The three plastic clips that hold the sill in position should pop free.
- Sometimes the clips come loose from the cover and stay in the car! Pry them out with a screwdriver or trim too. Slide them back into their slots on the Loading Sill Cover.
- The hard part is now done!

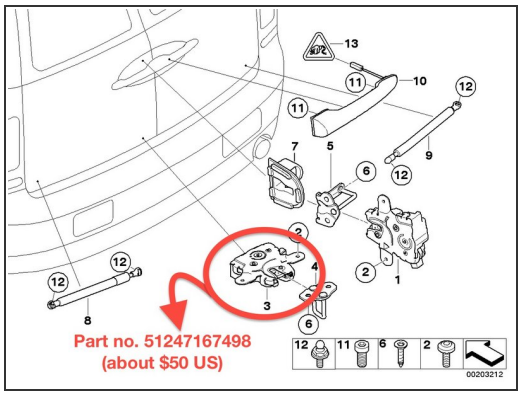
Step 5 — Remove the lock mechanism

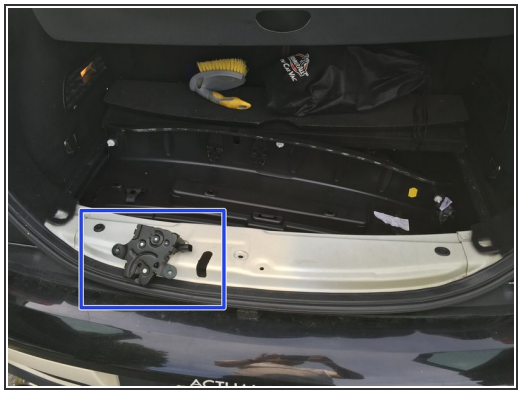




- Here's a fresh diagram for you!
- Unscrew the two Torx bolts (part number 2 on this diagram). They're slightly stiff but shouldn't be too hard to remove.
- The lock mechanism is now free.
- Reach into the body through an opening right behind it, and pull it out!

Step 6 — Replace the lock mechanism





- Disconnect the wire harness connector.

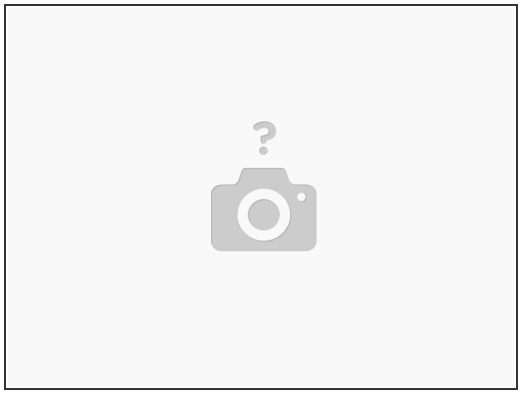
  Throw out the P.O.S. lock mechanism that failed on you.

- Plug the new lock into the wire harness.
  - Screw the lock mechanism back in; there is some side-to-side adjustability but I found just putting it dead center had it lined up correctly with the door.

- Tighten the bolts very firmly.

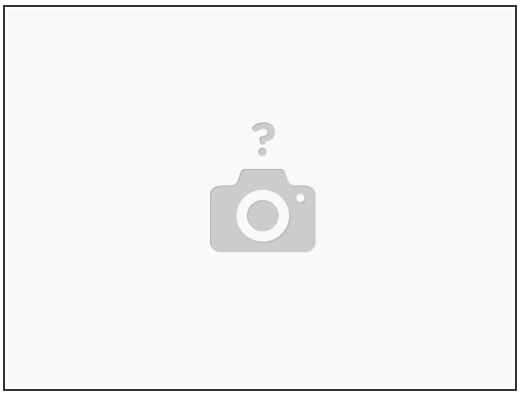
  Don't strip the threads. You're putting steel bolts into steel threads so that's not likely, but these aren't wheel bolts, so take it easy.

Step 7 — TEST the Lock



- Ensure the split door is correctly caught and locks, and that it unlocks when you squeeze the handle

Step 8 — Put it back together

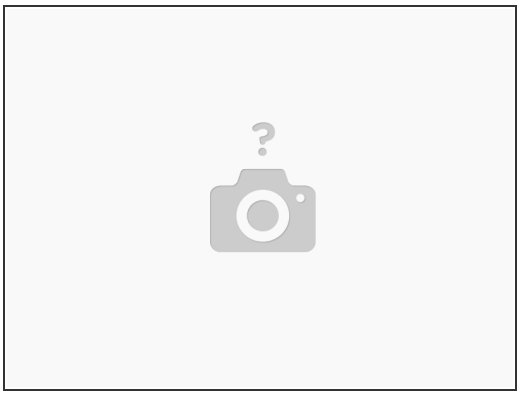


- **Re-install the Loading Sill Cover.**
  - Make sure the three white plastic clips are slid into their slots inside the Loading Sill Cover.
  - Put in position, line them up into their holes and press down.

Tip: To make the clips pop into position, you'll probably have to give them each a good, solid whack with your hand. (The clips rarely break; if they do, they cost about $0.70 each.)

- **Re-install the four expanding rivets**
  - Remove the center pins from the expanding rivets.
  - Push each rivet back into position, then insert the center pin and push it down.

Step 9 — Put it back together (continued)



- **Check the rubber weather seal**
  - Make sure the rubber weather seal is OVER the Loading Sill Cover
- **Put the floors back**
  - This is ludicrously simple, so I'm not describing it.

Enjoy a cool, refreshing beverage of your choice as you admire your handiwork and think how much money you saved by doing it yourself!