

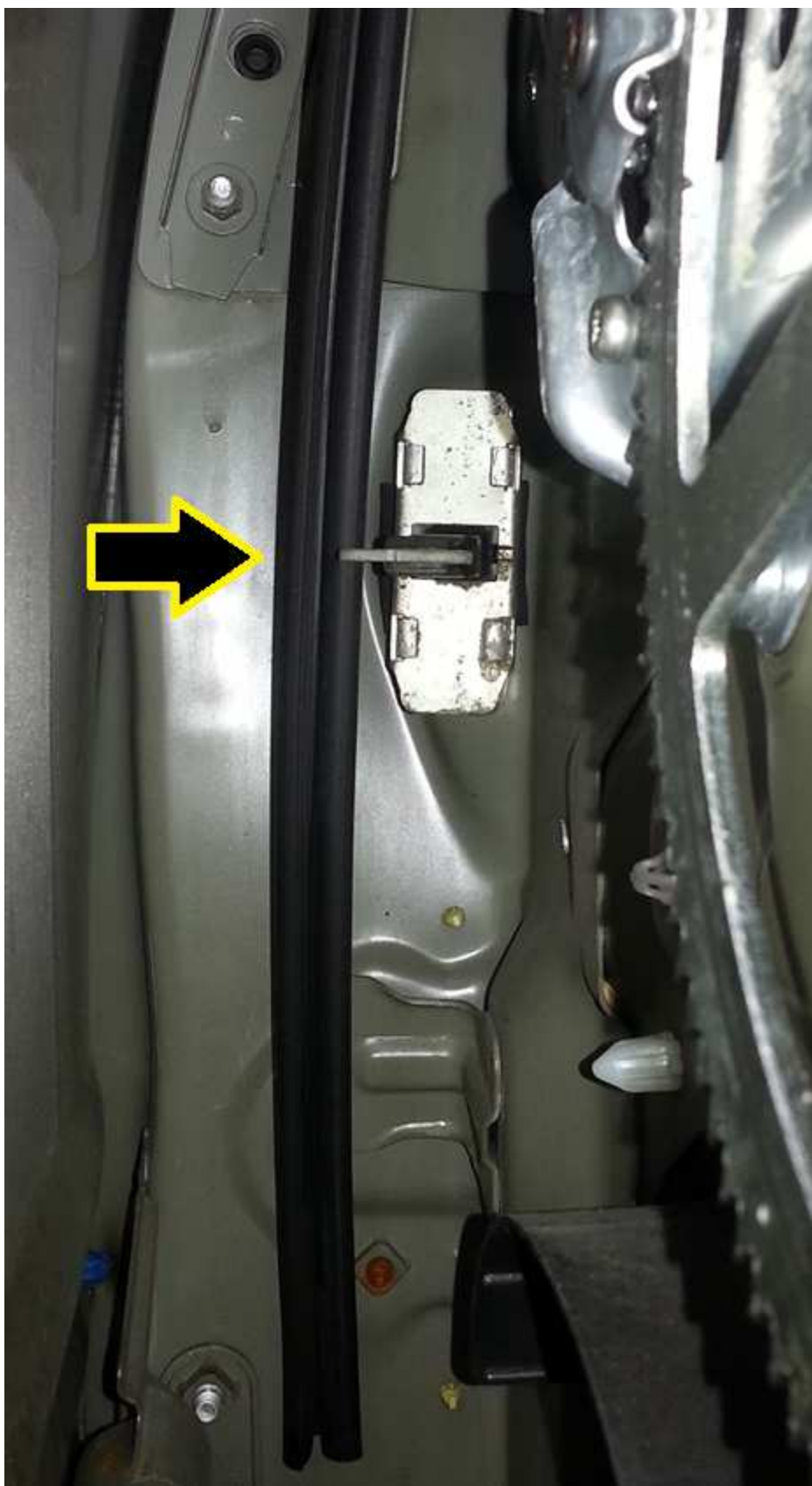
4th Gen, 2005, V6, SR5 4Runner was making a terrible clunk noise as the driver's side window was lowered past about half way. I opened up the door panel, inspected everything inside, found no problem, and the window worked great. Put the door back together and the window worked great. Got in, went for a drive, and the window clunked again.

The problem ended up being that the end of the door stay was in the window's path when the door was closed. It is clear that my door had been previously disassembled. I don't know the history. Probably had the window regulator or motor replaced.

Arrow below shows the door stay from inside the door when the door is completely open.



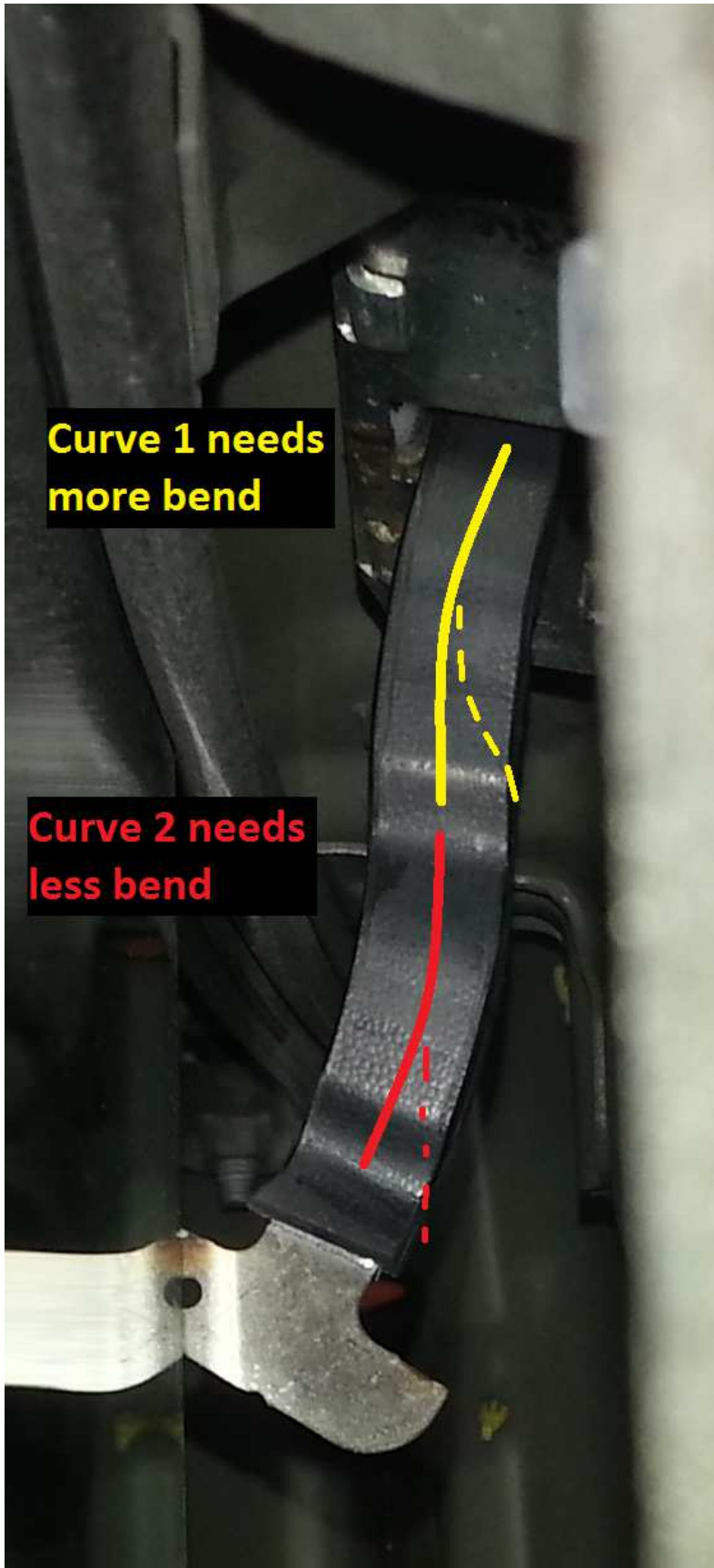
Arrow below shows the door mostly closed. The end of the door stay is advancing towards the window channel.



Pic below was taken with the door completely closed and the window rolled down until it was about to hit the door stay. It hits directly on the glass.



My solution was to bend the door stay to get some clearance between it and the window. The solid lines show the existing curvature and the dotted lines show the direction I bent it.





Removal was easy once the door was disassembled. One 10mm bolt is removed from the hinge side of the door jam. Two 10mm nuts are removed from the door edge. Stick your arm in the door and pull it out. The speak magnet may grab at it when you pass it by.



Close up showing where the glass had been hitting it. I'm really lucky that my window didn't shatter .



I didn't take any pictures of the bending process. I just put it in a bench vice and tapped on it with a hammer until I got the shape I wanted. Had to do a test fit and then bend it a second time before I was happy with it. Pic below shows the door assembled and closed with the window down. I've got 3/4" of clearance now.

