

## Short Throw Shifter Install

### Final Steps

1. Now that the shifter is installed you can re install the trim panels, except the top shifter cover, in the reverse order from removal earlier. Make sure when installing the side panels that you slide panels back making sure the front tabs line up with the mounting holes before pushing the rear of the panel back into place.
2. Before installing the shifter cover a small notch needs to be cut out of it. Remove the 4 phillips screws to take the support ring off the cover. Refer to the picture for the correct location of the notch. It is approximately a 1/2" square located at the front of the cover.



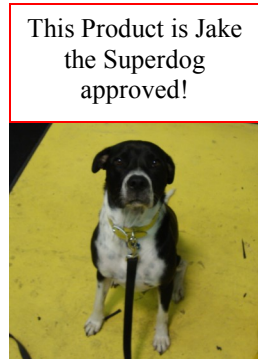
**Congratulations!** You have finished the install. Your car is now fitted with the new short throw shifter. We love it when you let others know how you like the products, go over to <http://www.mazdas247.com> and let others know!

If you have any questions feel free to give us a call at 864-907-6004. You can also email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).

Thanks again for purchasing the DDMWorks short throw shifter for the Mazda 2 we appreciate it and look forward to serving you in the future.

Also, check out other go fast goods for your Mazda 2 on our website [www.ddmworks.com](http://www.ddmworks.com)

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## Mazda 2 Short Throw Shifter Install—DDM-13-27



The DDMWorks short throw shifter provides great shifting feel while reducing throws by 25%.

Installation time of the short throw shifter depends on you and your mechanical skills. It is suggested that you read through the directions a few times to familiarize yourself with the components of the kit, and your car.

### Tools and time

If you are pretty handy with tools the short shifter can be installed in less than 30 minutes however we suggest that you schedule at least 60minutes for the install.

If you have any questions during the installation you can call or text us at (864) 907-6004 or email us at [Tech@ddmworks.com](mailto:Tech@ddmworks.com).

### TOOLS NEEDED

Phillips screw driver
Flat head screw driver
12mm deep socket
3/8" ratchet drive
4mm allen key
Side cutters
Needle nose pliers

## Short Throw Shifter Install

### Access to the shifter.

1. First you need to unscrew the shift knob, By turning it counter clockwise.
2. Then pull up on the plastic around the shift boot to remove shifter cover with the boot attached.

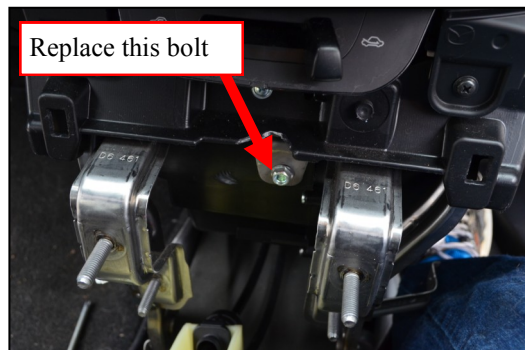


3. Next you need to remove the side panels for the lower dash. This is done by pulling out a pop tab in the middle of the panel, then using a flat head screw driver to pull the rear part of the panel outwards. It will pop once loose. Once the rear of the panel is loose it just needs to be slid back to remove it. The panel on the driver side and passenger side both need to be removed.

4. Next you will remove the lower shifter cover. On each side there is one phillips screw, which was covered by the side panels, that holds this panel in place. Unscrew these and then grab the top of the panel next to the shifter and pull backwards to loosen it from the dash. To remove it fully, grab the back corners of the panel at the rear of the dash and pull outwards and back. It is useful to grab the back corners with your hands to prevent them from scratching the dash.



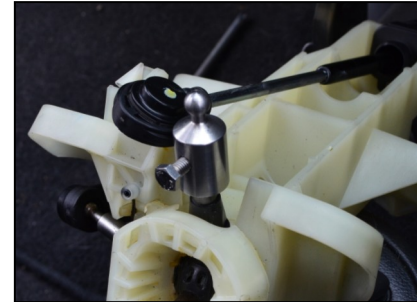
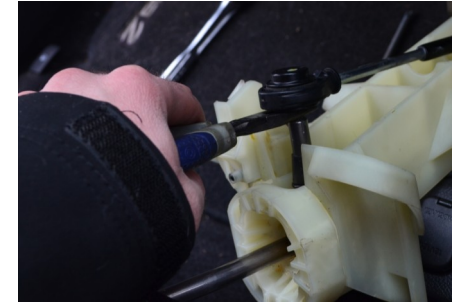
5. Now you can remove the four 12mm nuts which hold the shifter assembly in place.
6. Behind the shifter there is a single bolt. This needs to be removed and replaced with the M6 button head provided.



## Short Throw Shifter Install

### Installation of the short shifter.

1. Using the needle nose pliers, pry the shift linkage from the stock shifter. Only the linkage on the forward facing rod needs to be removed.
2. Place the short shifter over the end of the rod and tighten the M6 button head screw.



3. Now that the short shifter is assembled to the shifter. Press the shift linkage onto the ball at the end of the short shifter.
4. Install the washers provided onto the four studs that the shifter assembly mounts to. If installing the DDMWorks solid shifter busings at this time the washers are not needed.

5. Using a pair of side cutters and pliers remove at least a 1/2" square of material from the plastic rib which is above the bolt in the dash which was replaced earlier.



6. Now place the shifter assembly back onto the studs and hand tighten the nuts. Verify that enough material was removed by shifting the car into 2nd, 4th, and checking if the linkage makes contact with the plastic rib. Clear material as needed.
7. Now loosen the nuts slightly and press down on the shifter assembly. While pressing down fully tighten the nuts into place.