

05-07 FOCUS INSTALLATION INSTRUCTIONS

This is just a guideline for replacement of the gauge faces on the Ford Focus. Please don't hold me responsible for anything that may go wrong while following these instructions. These instructions are for entertainment usage only. If you learn something from these instructions, congratulations.

1. The panel under the steering wheel will have to be removed. This is the panel to which the hood release is attached. Once this has been removed, you can access the bolts along the bottom of the panel that surrounds the gauge cluster. Don't forget the bolt over by the headlight switch. Once the bolt have been removed, grab the trim piece around the cluster and pull it towards you. The whole piece will unclip and separate from the dashboard. Unclip the trunk/hatch release button (if so equipped). You can now access the bolts that hold the cluster into the dash.
2. Remove the 4 bolts holding the cluster into the dash. Reach around the back and disconnect the electrical connection. You will lose your trip odometer information, but the odometer mileage will not be lost.
3. The clear window and the black bezel on the front of the cluster are glued together and detach from the cluster once you pry up the 4 clips. Once the bezel has been removed, you will see the entire gauge face.
4. Mark the location of the needles at their current position with a felt tipped pen on the white part of the cluster. Using a standard fork, remove the gauge needles. Here is a video of how I do it: [Click Here](#)
5. At this point, the stock gauge face has to be removed. It is glued to the clear plastic frame. If you can get your fork in between the face and the framework, you can work it off very quickly. The stock gauge face should now be liberated from the cluster.
6. If you are replacing the faces and not upgrading the lighting, skip to step 10. There are 5 Torx screws located around the perimeter of the clear plastic. These will have to come out. This will allow the removal of the clear plastic. Now the white plastic framework (I painted mine silver in the photos below) that you can see has to be removed from the cluster. This requires dismantling of the entire cluster. Don't worry, It's actually pretty easy. From the back side of the cluster, you will see some clips that hold it all together. There might be one or two Torx screws in there, I'm not certain, based on the model year. You will have to remove the circuit board from the white plastic framework in order to do the necessary modification. This is due to the fact that in some places the cluster is not deep enough for the strip to be installed in the location that it is required to obtain even lighting. If the strip is not mounted far enough away from the center of the gauges, the lighting can be slightly blotchy, and no one wants that.
7. In order for the LED strip to fit inside the cluster, a little modification is required. This modification has to be made to the white plastic part that you can see under the clear plastic. I laid out the LED strip in the cluster

and marked with a felt tipped pen where I wanted the strip to run. I then took a jig saw & created a path for the strip. This path is required so that the LED strip can be installed perpendicular to the gauge faces. All of the LED's should be point towards the middle of the cluster.



8. Remove all of the stock bulbs, there are 5 of them in the cluster. Insert the LED strip through one of the stock bulb holes and install the little gray plug on the end of the LED strip into the bulb socket. Please note the polarity.

If the cluster does not light up, then the plug will have to be turned around 180° to flip the polarity.

9. Now it is time to reassemble the cluster. This is a good time to check the polarity on the LED strip by connecting the cluster up in the car & seeing if it lights up when the lights are turned on.



10. Installation of the new gauge face is pretty easy, as it just the opposite of the removal procedure. A little spray adhesive might be necessary (I personally use 3M Super 77 adhesive), to get the faces to stick back to the clear plastic frame.
11. Install the needles onto the posts and locate them so that they are pointed at the marks that you previously made on the cluster. You did remember to do that? You can trust your needle locations and clip on the bezel and lens, or you can install the cluster and set the needles according to the digital readout inside the odometer, which can be accessed through this process: <http://www.focushacks.com/index.php?modid=37>
12. Once the needles are placed in the correct location, you can install everything that you took off in steps 1 & 2. You have completed the job!