

SPOILER EXTENSION INSTALL

(FOCUS ST, FIESTA ST, FOCUS RS)

(Rev 1.04)

The guide is based on the Focus ST Spoiler Extension, but guide can be used for the Fiesta ST and Focus RS as they are installed using the same methods.

IMPORTANT: Professional installation is highly recommended.

PLEASE FOLLOW ALL NECESSARY STEPS. DO NOT LEAVE ANYTHING OUT!

Included in the Box:

- 1 Spoiler Extension
- 2 VM Brackets (wrapped together)

Hardware:

- 4 #10x32x1/2" Bolts
- 4 #10x32x1/2" Flange Nuts
- 4 #10x32x3/4" Bolts
- 4 #10 washers
- 4 #10 inner lock washers
- 4 Well-nuts

SPOILER EXTENSION HARDWARE LAYOUT

Connects spoiler extension
to oem spoiler



What you need:

- Basic tools
- Drill
- Right angle Drill attachment (see picture in step 4)
- Drill bit to make the pilot hole (1/4" works)
- 3/8" drill bit
- Thread lock/Loctite **IMPORTANT** (this prevents the bolts from backing out)
- Marker or pen
- Mounting Tape (3M scotch extreme works well)
- Masking tape (for marking the drill points).
- Helping Hand (makes things a lot easier)

IMPORTANT: If you are using wing risers on your spoiler, the angle is affected which will increase downforce. You will need to add some basic splitter support rods to support high speeds. The PDF is located on the website listing. LOCTITE IS REQUIRED. 3M TAPE IS REQUIRED.

Step 1

Mount the VM brackets to the spoiler extension together using the (4) ½” bolts and flange nuts. Place a small amount of mounting tape on each VM bracket. This will help the install process as it will allow you to hold the spoiler in place while you mark the drill points.



Step 2

Place the masking tape in the area where the brackets will mount. This is to mark the drilling holes needed for the 4 well-nuts.



Step 3

Line up and test fit the spoiler extension to the OEM spoiler. Having someone help you with this will make life easier. **CRITICAL:** Once you line it up make sure it doesn't move. Mark the holes on each bracket with a marker or pen. **MARK THE ENTIRE HOLE.**



Step 4

Remove the spoiler extension and set it aside.

Use a Drill with the right-angle attachment (this attachment makes it easier to drill the hole at the correct angle since the glass on the hatch gets in the way).

Drill the pilot hole at the CENTER of each hole you marked. This is critical.

Once you drill the pilot hole, use the 3/8" bit to finish drilling the holes.

KEEP IN MIND, THE SPOILER IS PLASTIC, so be careful not to drill too deep or you can drill right through your OEM spoiler! DO NOT USE anything larger than 3/8 bit! It NEEDS to be 3/8" sized holes.



Step 5

Unbolt the VM brackets from the spoiler extension and set aside.

Insert the 4 well-nuts through the bottom end of the VM BRACKETS (as pictured below). It is important that the well-nut fits nice and snug on the bracket. With that being said, the 2 bracket holes will be really tight. You might need to sand down the bracket holes to get the well nut to slide.

Once you do this, place the 4 bolts and 2 washers in each well-nut loosely.

DO NOT TIGHTEN YET. The bolt and washer layout is on the Front Page of this guide.

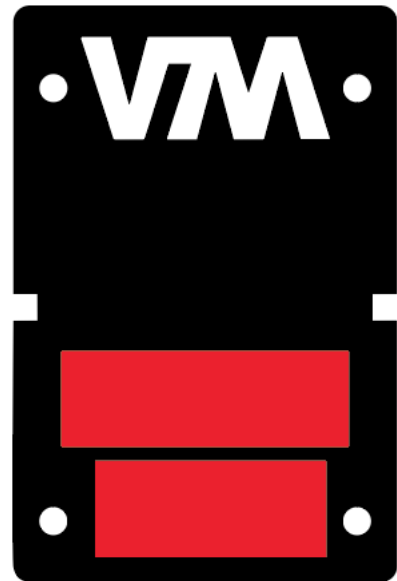


Step 6

After installing the well-nut, place the mounting tape in the areas shown on the diagram below. Mounting tape adds additional support and reduces vibration. **REQUIRED!** Do not skip this step.



focus st/fiesta st



Focus RS

After Adding the mounting tape, place the well-nuts within the VM brackets (from step 5) through the 3/8' holes created on the OE spoiler.

Tighten the bolts hand, you will start to expand the well-Nut within the inside of the OE spoiler. Do NOT use power tools.

Step 7

Mount the spoiler extension under the brackets using the same (4) ½" bolts you used in Step 1. Once you mount the spoiler, you can tighten the bolts on the well-nuts. Again, **USE LOCTITE!** There's a lot of vibration and wind turbulence which, in time, can potentially back-out the bolts.



Step 8

Make sure everything is tight and you're DONE



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