



**2013-2018 Focus ST
Velossa Tech Wing Lift Kit
Installation Guide**



Kit Contents

Please review this document before attempting installation.

You will need basic hand tools and about 1-2 hours of installation time.

Please review the table below and make sure you have received the kit contents.

Part	Description	Qty in kit
		<i>#</i>
1	Wing lift bracket 1	1
2	Wing lift bracket 2	2
3	Wing lift bracket 3	2
4	Wing lift bracket 4	2
5	Antenna Re-orientation Device	1
6	Oval hole plugs	3
7	Round hole plugs	2
8	M6 x 25mm Buttonhead	3
9	M6 x 18mm Flathead	3
10	M5 x 16mm Buttonhead	2
11	M5 x 22mm Buttonhead	2
12	M5 washers - 15mm wide	4
13	M6 washers - 18mm wide	3
14	#8 screws - SS	4





Precautions

Please review this slide, read it over twice and abide by these DO's and DON'Ts to ensure proper installation.

DON'T:

1. Torque the fasteners down with a ratcheting tool or wrench
2. Use threadlocker on any of the fasteners
3. Mix up the bolts sizes during installation
4. Mix up the hole plugs during installation (they are labeled)

DO:

1. Use a small allen wrench and light torque when tightening down fasteners (snug is fine)
2. Start all threads by hand, then proceed to use an allen wrench
3. Pay attention to the numbered brackets
4. Install the hole plugs using the correct visual aids (oval plugs have an oval, circle plugs have a circle)

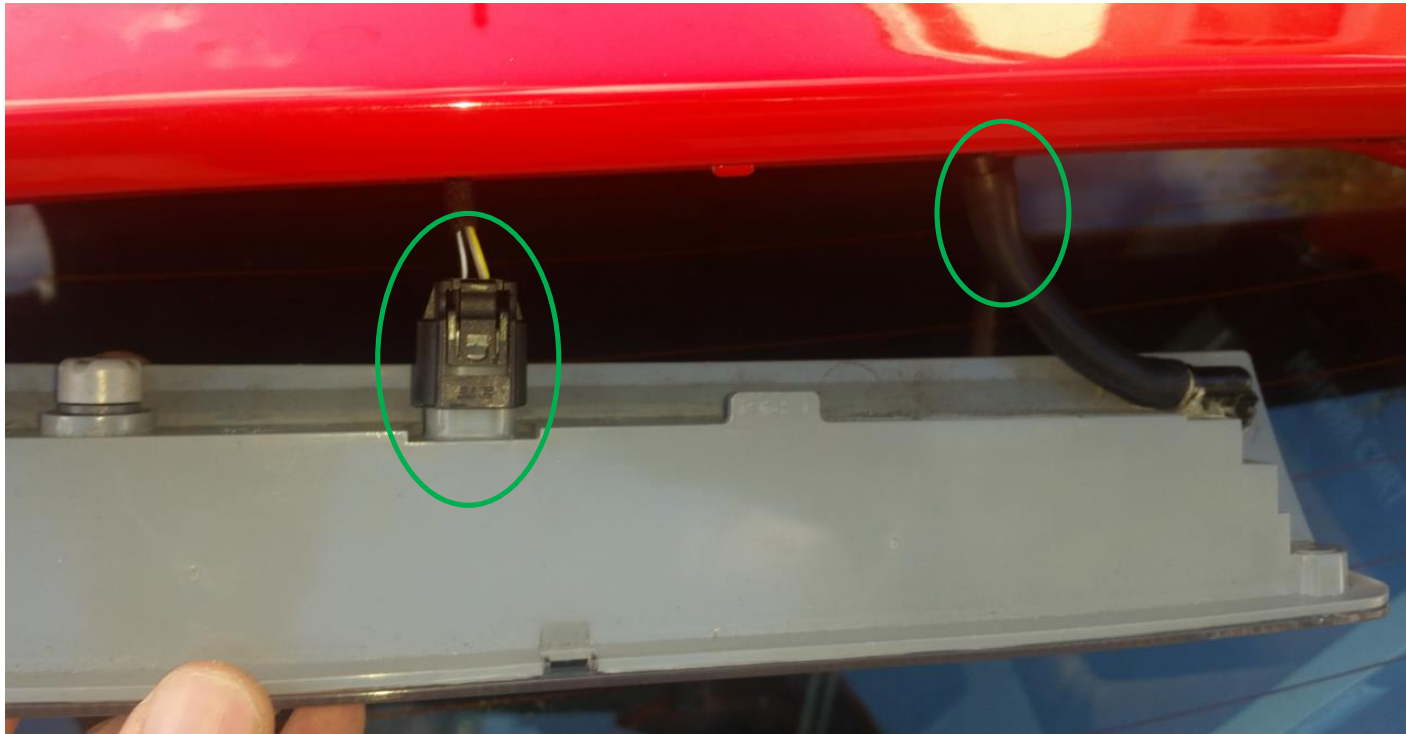
Remove Rear Brake Light

Remove these two Torx screws circled.



Unplug Devices

Pull out the brake light and unplug the electrical chord and washer fluid tube.



Remove Molding

Pop the hatch lid and use a pry tool to remove this piece of body molding.



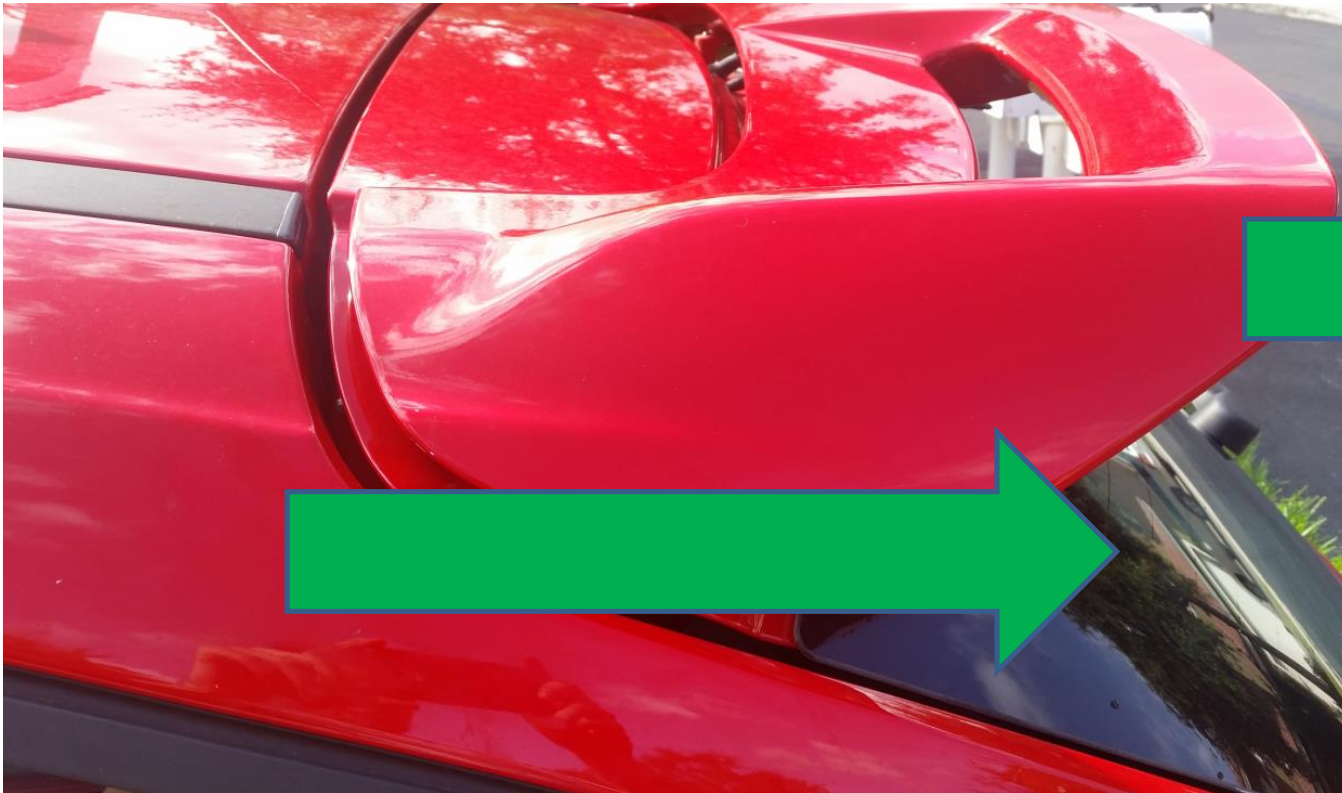
Remove Wing Fasteners

Remove 7 fasteners from stock locations circled below.



Remove Wing

With all 7 fasteners removed, you can now pull the wing towards you as you stand behind the car facing forward. It will require some force to pop the wing off.




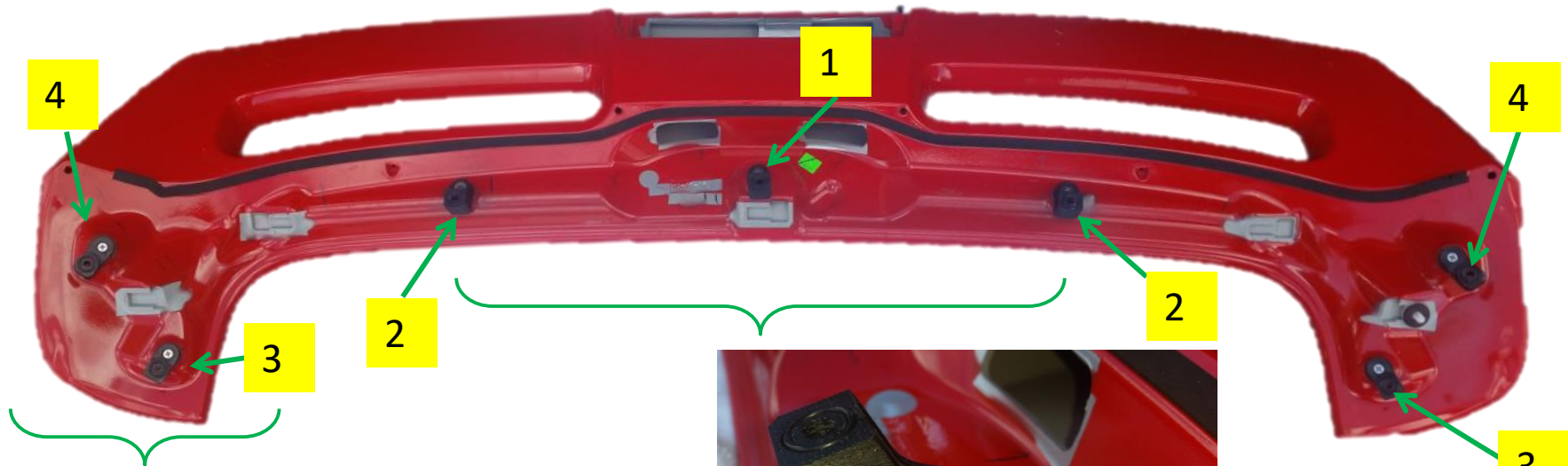
Remove Clips

Slide all white clips out of their respective slots.




Install Brackets

The brackets are numbered for your convenience. Follow the numbering diagram and install as shown. Do not tighten brackets yet, you will need to position them later.



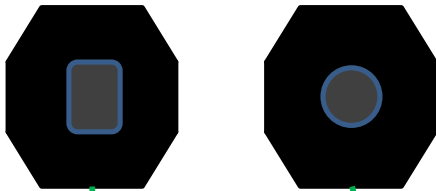
Outer brackets install in this orientation using the phillips head screws.



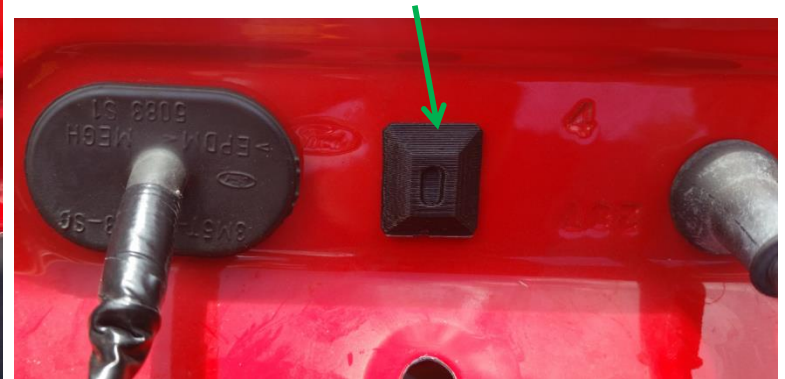
Middle three brackets install in this orientation using the countersunk M6 X 18mm bolts.

Install Hole Plugs

The hole plugs come with either a circle printed into them or an oval. The oval plugs go in the oval holes as shown, and the circle plugs go in the round holes.



NOTE: There is one oval hole position in between the brake light cable and washer fluid line.

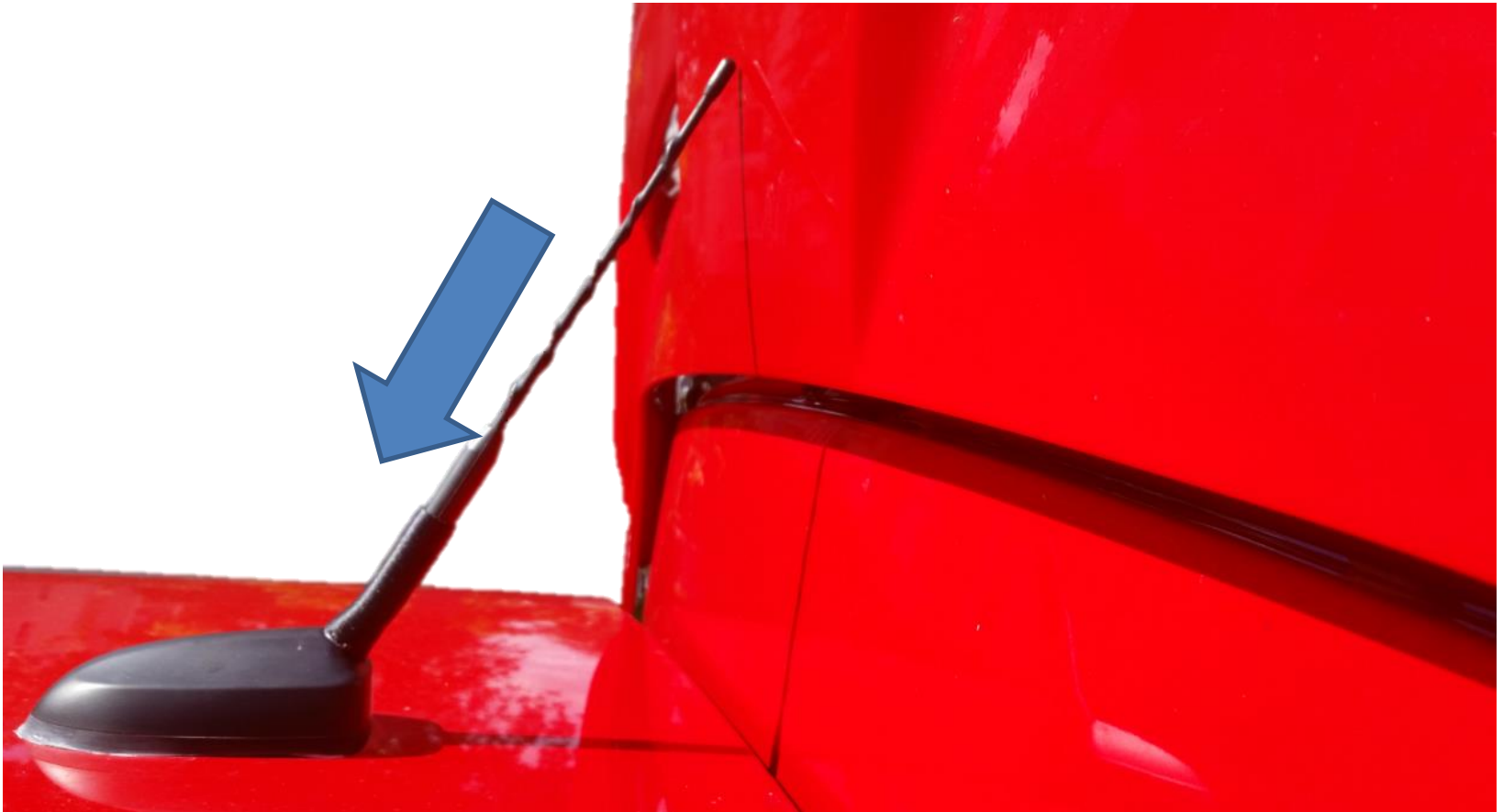


WARNING: DO NOT MIX UP THE PLUGS, THEY ARE NOT DESIGNED TO BE REMOVED MORE THAN ONCE.



Install Antenna Re-orientation Device

Slide the ARD over the antenna and firmly press down to ensure the entire tube bottoms out. Make sure the slight tilt, forces the antenna to point upward.



Install Wing

Position the wing over the holes and begin to fasten using the fasteners as shown. **Do not tighten yet as you may need to position the wing to align the other holes.**

M6 X 25mm buttonhead bolts
with M6 wide washers



Install Wing Cont'd

Fasten brackets 3 and 4 on both sides of the wing. **Once all brackets are secure, tighten by hand using a small allen wrench. DO NOT OVERTORQUE.**

M5 X 22mm buttonhead bolts with M5 wide washers (bracket 4)



M5 X 14mm buttonhead bolts with M5 wide washers (bracket 3)

HAND TIGHT ONLY



Finalize

Re-install the interior molding, and re-install the brake light in the same order it was removed. Plug the electrical connector and fluid line back into the brake light and fasten brake light using original hardware.



ENJOY YOUR NEW LOOK!