



**2014-2016 Fiesta 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
		#
1	Wing lift bracket 1	1
2	Wing lift bracket 2	1
3	Wing lift bracket 3	1
4	Wing lift bracket 4	1
5	Wing lift bracket 5	1
6	Wing lift bracket 6	1
7	Antenna Re-orientation Device	1
8	Oval hole plugs	2
9	Large Round hole plugs	3
10	Small Round hole plugs	1
11	M6 x 30mm socket head	2
12	M6 x 18mm flat head	2
13	M5 x 20mm socket head	2
14	M5 x 35mm socket head	2
15	M5 washers	4
16	M6 washers	2
17	#8 screws	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)
5. Leave all brackets loose for alignment first, don't force anything

Remove Rear Brake Light

Remove the Torx screws on the rear third brake light located in the wing.



Unplug Devices

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



Remove Screws

There are six screws to remove. Shown below are the three on the driver side.



Remove Wing

With all 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.



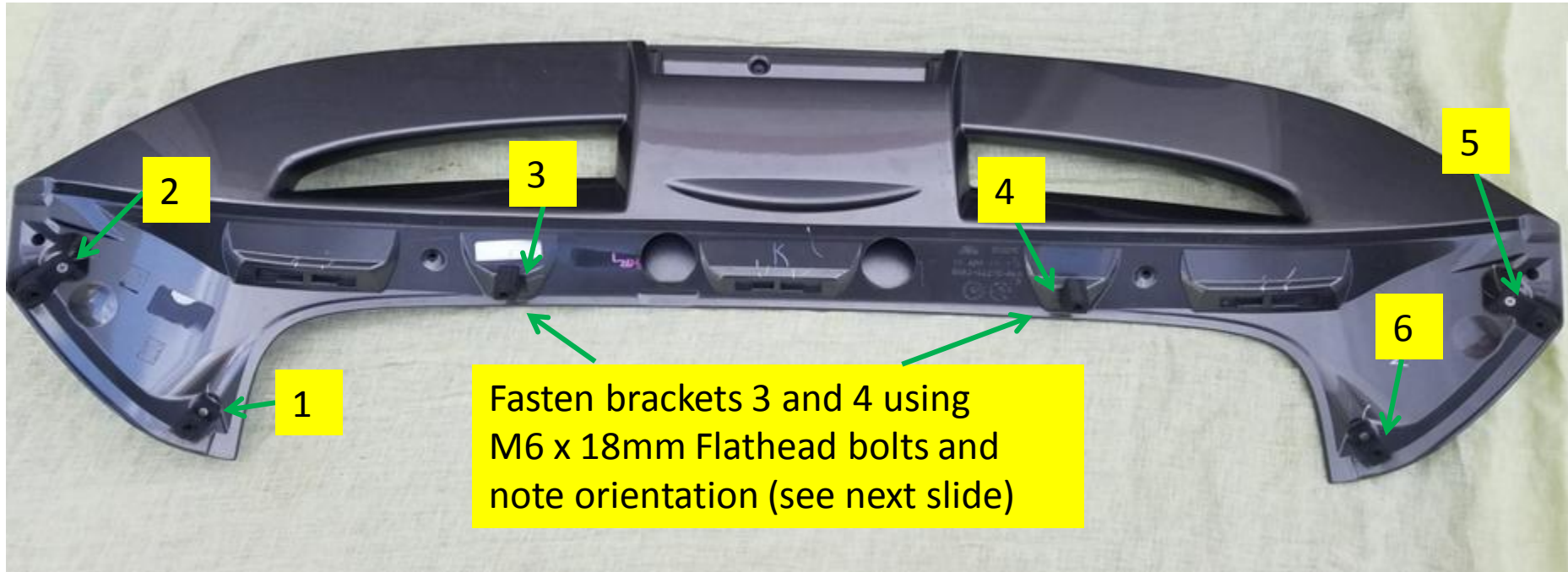
Remove Clips

Slide all white clips out of their respective slots. Two shown for example.



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.



All outer brackets (1,2,5,6) get fastened with #8 phillips drive screws. **DO NOT CROSS THREAD.**

Install Brackets

Not ORIENTATION of each bracket prior to installing the wing, they don't have to be perfect but they must be in this general orientation, leave the screws loose since alignment will come later.



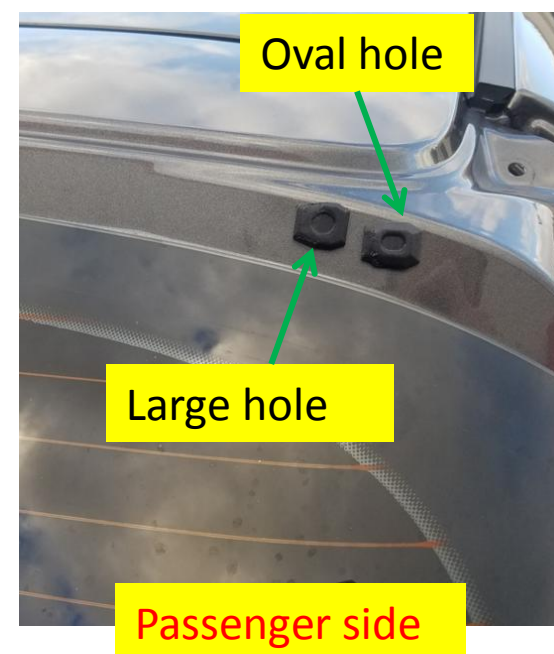
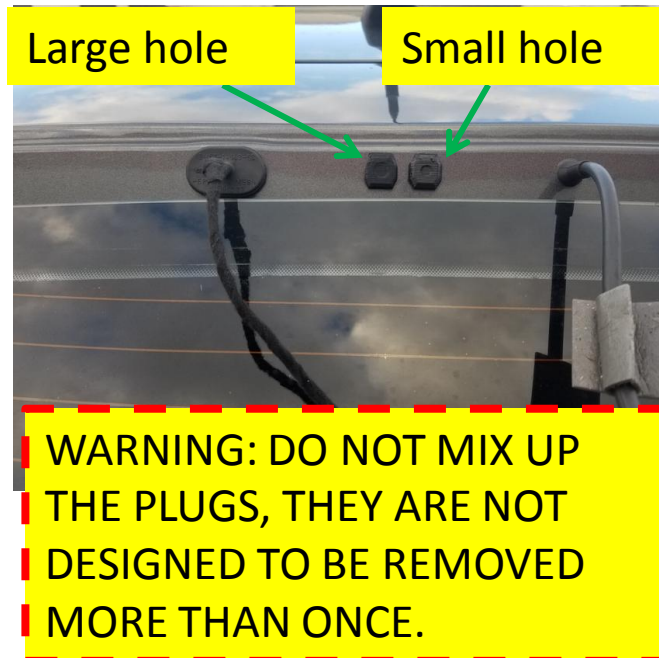
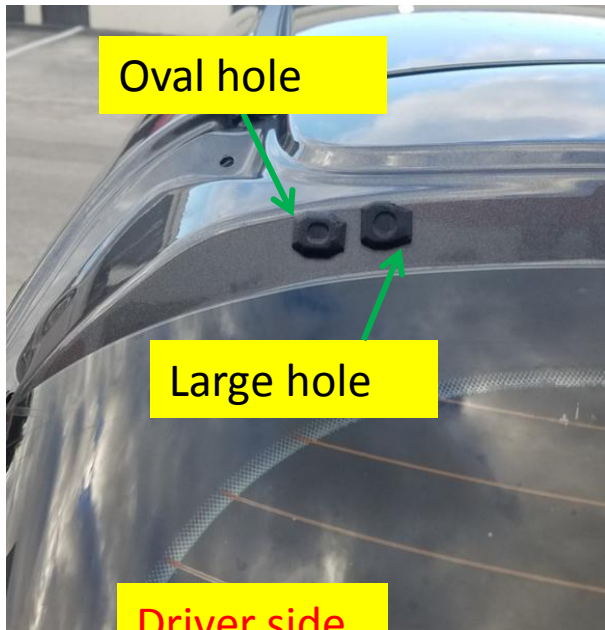
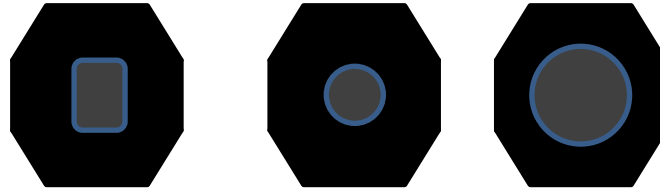
Notice the orientation of brackets 3 and 4, they are 'upside down'



Install Hole Plugs

The hole plugs come in 3 types. A small circle, large circle or an oval printed into the types. The **oval plugs go in the oval holes** as shown, the three **large circle plugs go in the large round holes** and the one **small circle plug goes in the one small round hole**.

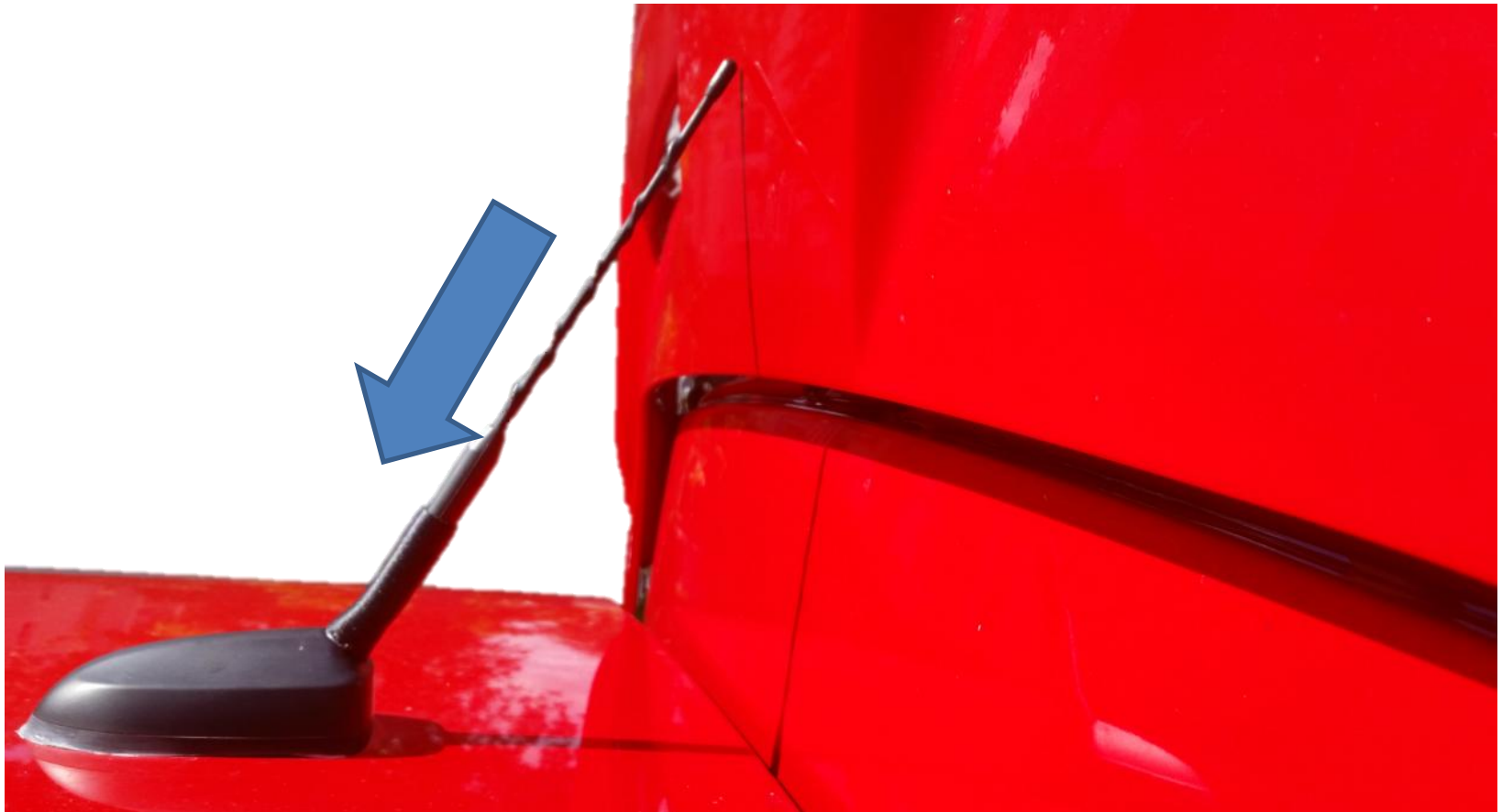
Use the palm of your hand and press hard on the plug until it snaps into the hole.





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.**

M5 X 35mm socket head bolts
with M5 washers

M6 X 30mm socket head bolts
with M6 washers

Once you have aligned all the holes, go back and tighten the fasteners on the wing and then re-install wing and tighten down with the supplied screws, hand tight.

M5 X 20mm socket head bolts
with M5 washers





Finalize

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!