



## BMW MINI Cooper-S (F56)

### Rear Wing

## Installation Manual

※All RK DESIGN products are designed for competition use in Japan. Product warranty and product liability insurance are not applied to accidents caused by product failures that occurred outside of Japan.

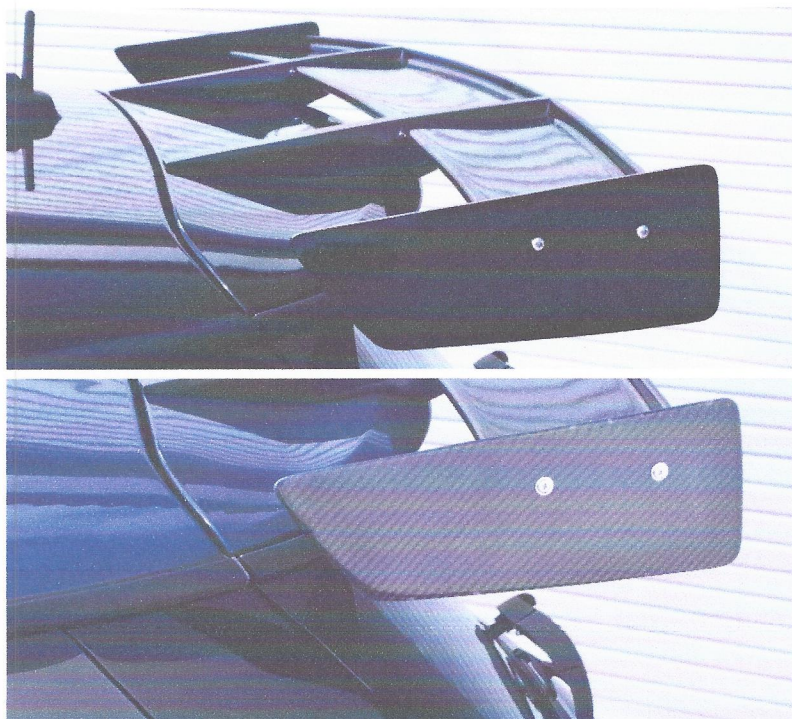
#### Parts

- ① Wing, main unit
- ② End Plates (Left and Right)
- ③ Hardware (stiffening plates x 2, bolts and nuts)

Due to hand-made small quantity production, there is tolerance on each product.

The connecting sections of each parts and location of the installation holes must be decided for each vehicle because the vehicles also have individual differences.

Fitting should be done before painting and fixing parts on the body of the car. Make adjustments and modifications if needed all parts to be installed with well balance.



**F56 Rear Wing**  
**STD (Poly-carbonate) Winglet Ver.**

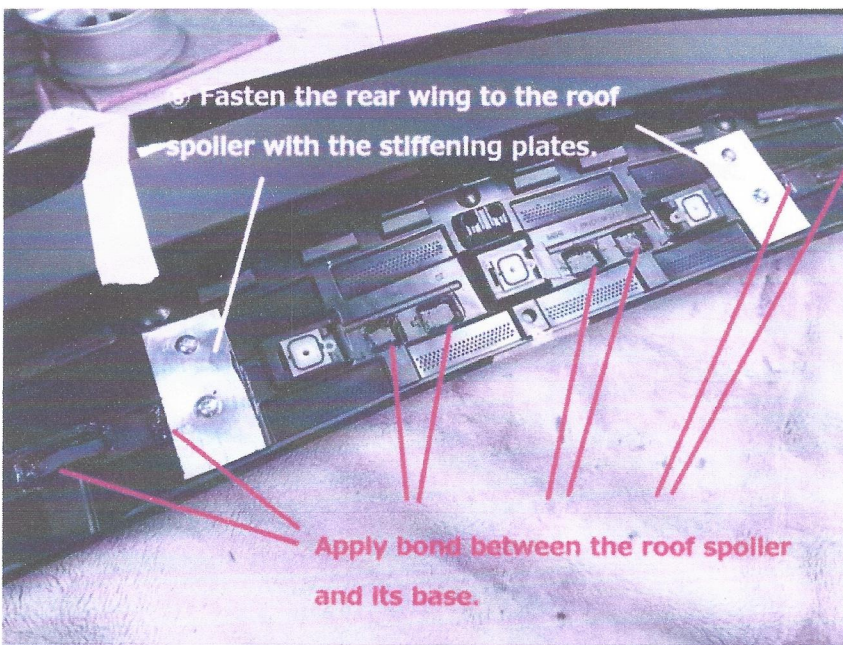
**F56 Rear Wing**  
**Wet Carbon Winglet Ver.**

Following instruction omits process of temporarily fitting, adjustments and painting.

- ① Lay the RK DESIGN rear wing (the wing) on the OE Cooper-S roof spoiler (the roof spoiler) on the car and mark the location of the legs which they fit on the roof spoiler well. At the same time, mark the locations of the holes to fasten the wing. Only 4 holes are used as indicated on picture below. DO NOT OPEN 6 HOLES.



- ② Remove the OE roof spoiler from the body with following manufacture's maintenance manual.
- ③ Open 4 holes to fasten the wing on the roof spoiler.



- ④ Apply the bond\* between the roof spoiler and roof spoiler base. It prevents the roof spoiler is separated from the base after the wing is installed which receives bigger force. The location the bond to be applied are indicated with red mark on the above picture.

\* WURTH BOND + SEAL BLACK is recommended

- ⑤ Fasten the wing to the roof spoiler with stiffening plates, bolts and washer.
- ⑥ Use the supplied bond on the legs of rear wing attached on the roof spoiler if you needed.
- ⑦ Install the roof spoiler which became one with the rear wing to the body. (Refer the manufacture's installation manual to install the roof spoiler)
- ⑧ Install winglets to the main body of rear wing with provided screws.  
(※Apply clear coat in case of the wet carbon winglet before installing)

## ※Caution

- Operate with caution to prevent damaging the vehicle and parts.
- Check all bolts, screws, nuts were fasten after all installation was done.
- Re-torque bolts, screws, nuts once a while.

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