



## 2027+ KIA EV5 Installation Instructions



Manufacturer warranty covers material defects on new, never installed parts. Once installed, customer is responsible for all replacement part costs. Caution against blind spots during parking. Avoid curbs and excessive compression to flaps. **Check for sufficient exhaust, wheel, suspension clearances.** **INSTALLATION QUESTION? FOR REPLACEMENT PART QUOTES, SEND FLAP RECEIPT OR PHOTO → [www.rallyarmor.com/support](http://www.rallyarmor.com/support)**

**Recommended Tools** 10mm/11mm wrench, Phillips screwdriver, Pick.

**Install on even surface using hand tools, not powered tools. AVOID OVERTIGHTENING HARDWARE.**

**ABOUT OUR STANDARD IN MUD FLAPS** Polyurethane is a high grade plastic that may feature minor surface layer marks. These are visual variations that don't affect flap construction or performance. Most matte away as the material ages.

| CONFIRM PARTS & QUANTITIES BEFORE INSTALLATION                                               |                    | X9H46AP000 |
|----------------------------------------------------------------------------------------------|--------------------|------------|
| MUD FLAP KIT PN MF140 SEE PAGE 4                                                             | PART DESCRIPTION   | QUANTITY   |
| MF140-LF                                                                                     | LEFT FRONT         | 1          |
| MF140-RF                                                                                     | RIGHT FRONT        | 1          |
| MF140-LR                                                                                     | LEFT REAR          | 1          |
| MF140-RR                                                                                     | RIGHT REAR         | 1          |
| <b>BRACKET KIT PN BMF140</b>                                                                 |                    |            |
| BMF63       | BRACKET REAR       | 2          |
| BMF67-FLAT  | BRACKET FRONT      | 2          |
| BMF87-LR   | BRACKET LEFT REAR  | 1          |
| BMF87-RR  | BRACKET RIGHT REAR | 1          |
| BMF96-RE  | BRACKET FRONT 2    | 2          |
| <b>HARDWARE KIT PN HMF140</b>                                                                |                    |            |
| 1SS       | SCREW              | 4          |
| 1SS#8     | THIN SCREW         | 6          |
| EXPANCH   | EXPANSION ANCHOR   | 2          |
| INS5      | INSERT             | 2          |
| ORCLP     | ORANGE CLIP        | 4          |
| SMF29-3   | SPACER             | 2          |
| SMWASH    | WASHER             | 14         |
| SSLNUT    | LOCK NUT           | 4          |
| ZNUT      | CLIP               | 4          |



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**Do not fully tighten fasteners until flaps are aligned to vehicle.**

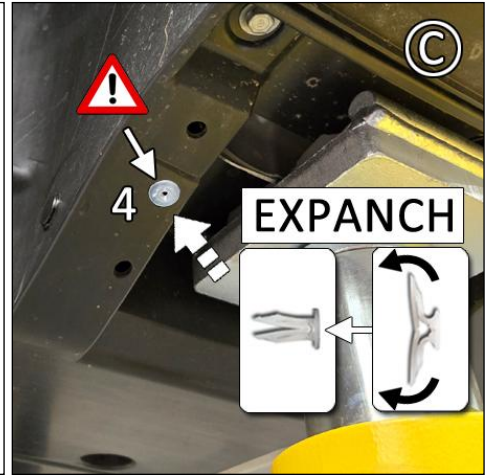
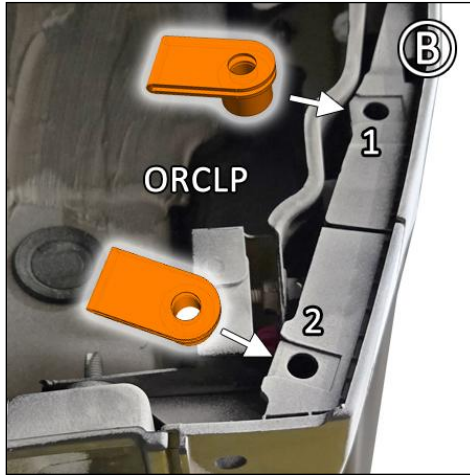
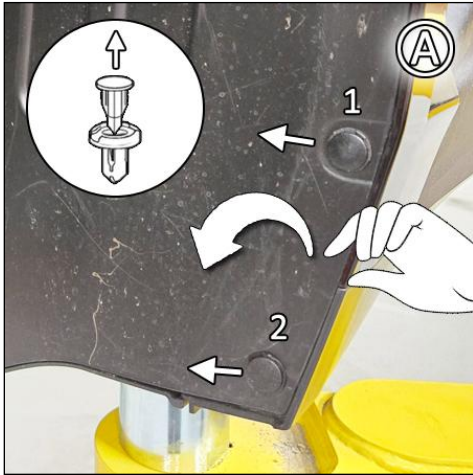
**FRONT FLAP** Access interior wheel well by turning steering wheel towards the installation side.

**Parts x 1 Flap** → 1 x BMF67-FLAT; 1 x BMF96-RE; 3 x 1SS#8; 1 x EXPANCH; 2 x ORCLP; 4 x SMWASH; 1 x SSLNUT

**IMAGE A** Remove fasteners 1 & 2. Move liner aside.

**IMAGE B** Install ORCLP over mounts 1 & 2. Reinstall liner.

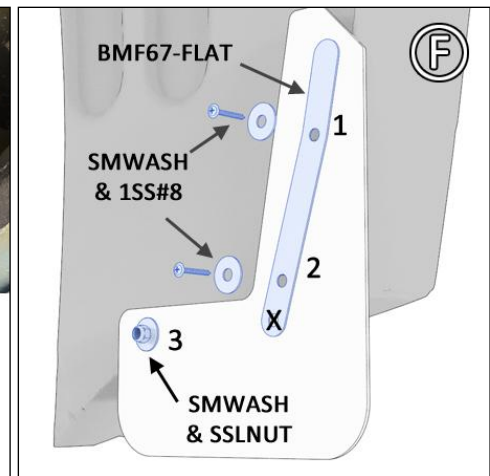
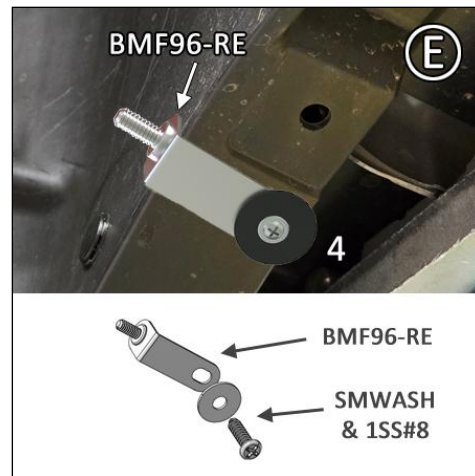
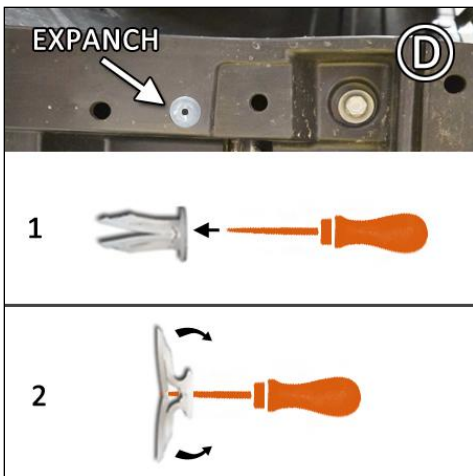
**IMAGE C** Fold EXPANCH. Install into mount 4.



**IMAGE D** To open hole, insert pick into center of EXPANCH.

**IMAGE E** Install SMWASH & 1SS#8 into BMF96-RE mount 4.

**IMAGE F** Position logo-side of flap facing vehicle rear. Install SMWASH & SSLNUT on mount 3. Place BMF67-FLAT over flap side facing tire. Install SMWASH & 1SS#8 into mounts 1 & 2.





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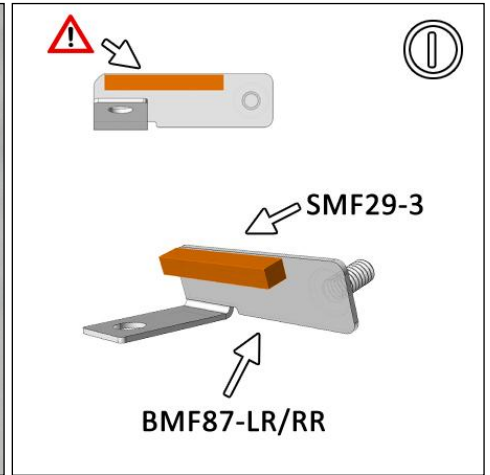
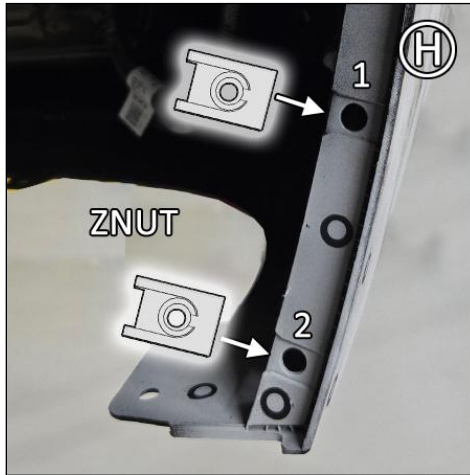
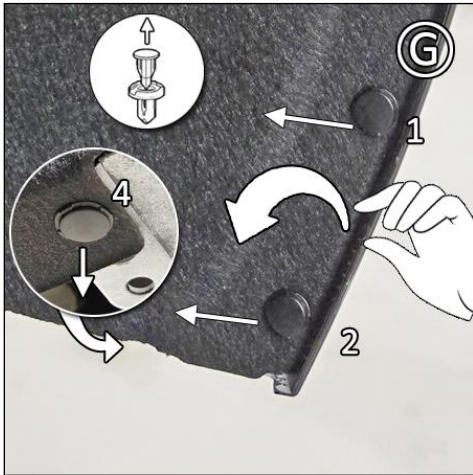
### REAR FLAP

**Parts x 1 Flap** → 1 x BMF63; 1 x BMF87-LR/RR; 2 x 1SS; 1 x INS5; 1 x SMF29-3; 3 x SMWASH; 1 x SSLNUT; 2 x ZNUT

**IMAGE G** Remove fasteners 1, 2 & 4. Temporarily move liner aside.

**IMAGE H** Install ZNUT over mounts 1 & 2.

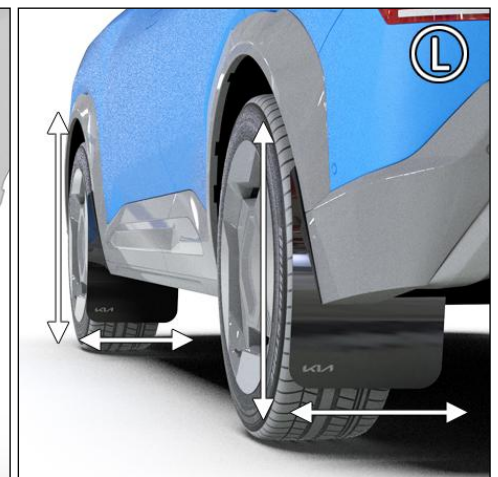
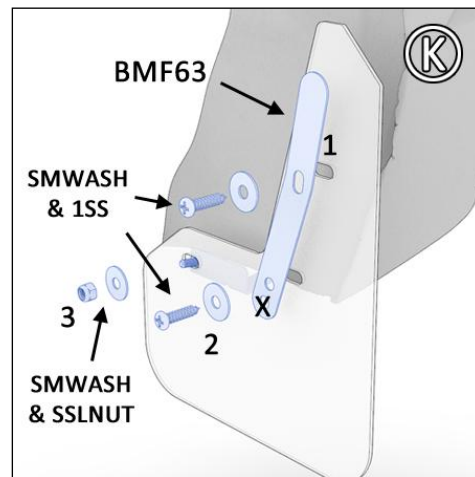
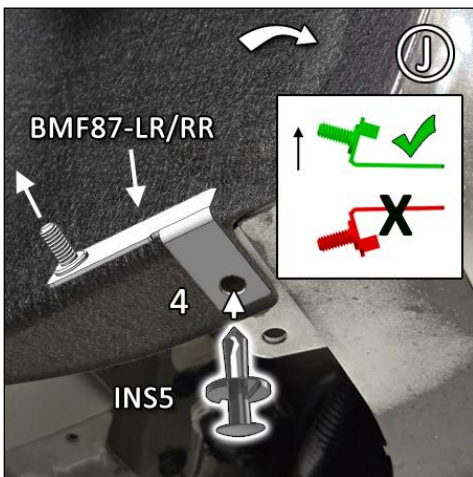
**IMAGE I** Adhere SMF29-3 onto BMF87-LR/RR.



**IMAGE J** Reinstall liner. Install INS5 into BMF87-LR/RR mount 4, stud facing tire.

**IMAGE K** Position logo-side of flap facing rear bumper. Install SMWASH & SSLNUT onto mount 3. Place BMF67-FLAT on flap side facing tire. Install SMWASH & 1SS into mounts 1 & 2.

**IMAGE L** Align flap before tightening hardware until seated.



# IMF140



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