



**2017+ SUBARU IMPREZA HATCH BACK AND SEDAN MUD FLAP INSTALLATION INSTRUCTIONS**

For high resolution color images of these instructions, please visit <http://www.rallyarmor.com>

Check wheel clearance after installation, especially vehicles outfitted with non-OEM wheels and suspensions.

**To protect your Rally Armor mud flap set, care must be taken during parking and reversing.**

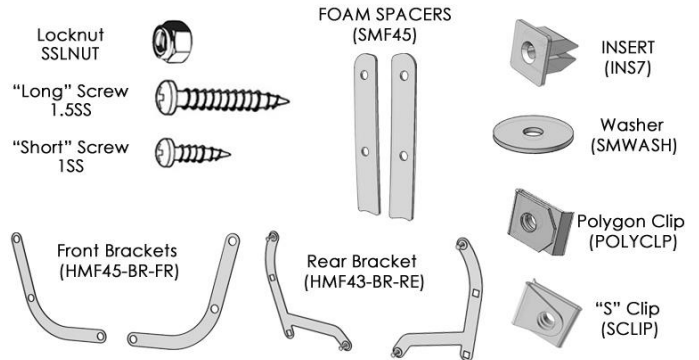
Rally Armor is not responsible for damage or loss of installed flaps.



**YOUR MOUNTING HARDWARE CONSISTS OF:**

Quantity	Hardware Item	Item ID
6	"S" Clips	SClip
2	Polygon Clips	PolyClip
16	Small Washers	SmWash
4	Lock Nuts	SSLnut
6	Short Screws	1SS
6	Long Screws	1.5SS
4	Inserts	Ins7
2	Front Mounting Brackets	HMF45-FR-BR
2	Rear Mounting Brackets	HMF45-RE-BR
2	Front Foam Spacers	SMF45

**HARDWARE BRACKETRY GUIDE:**



<p><b>Important Notes</b></p> <p><b>Recommended tools:</b> Offset, ratcheting or stubby Phillips screwdriver, small flat head screwdriver, 7/16" wrench.</p> <p><b>Cautionary Tip:</b> The hardware is strong and self-threading but <u>over-tightening the clips is not advised.</u></p> <p><b>Installation Tip:</b> To ease installation and avoid damage to existing OEM clips during removal, a well-lit, climate controlled installation environment is recommended.</p> <p><b>Parking and Reversing:</b> Any extended mud flap application can be damaged or dislodged should they get caught in between a tire and a curb or object. To protect your Rally Armor mud flap set, care must be taken during parking and reversing. Rally Armor is not responsible for damage or loss of installed flaps.</p>	<p><b>To the customer:</b> Retain these instructions after installation. They may be necessary for installing other optional parts or removal of this accessory.</p> <p><b>To the installer:</b> Please return these instructions to the customer after installation. Always test and adjust wheel clearance before returning vehicle.</p>
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**CAREFULLY HAND THREAD LOCK NUTS TO BOLT FIRST TO AVOID CROSSTHREADING**



**A MISALIGNED NUT WILL DAMAGE OR SHEAR A BOLT TIGHTEN AFTERWARDS ONLY UNTIL SNUG**  
 REPLACEMENTS FOR MIS-INSTALLED, DAMAGED OR LOST HARDWARE DURING INSTALLATION  
 ARE THE SOLE RESPONSIBILITY OF THE INSTALLER

## Front Mud Flap Installation

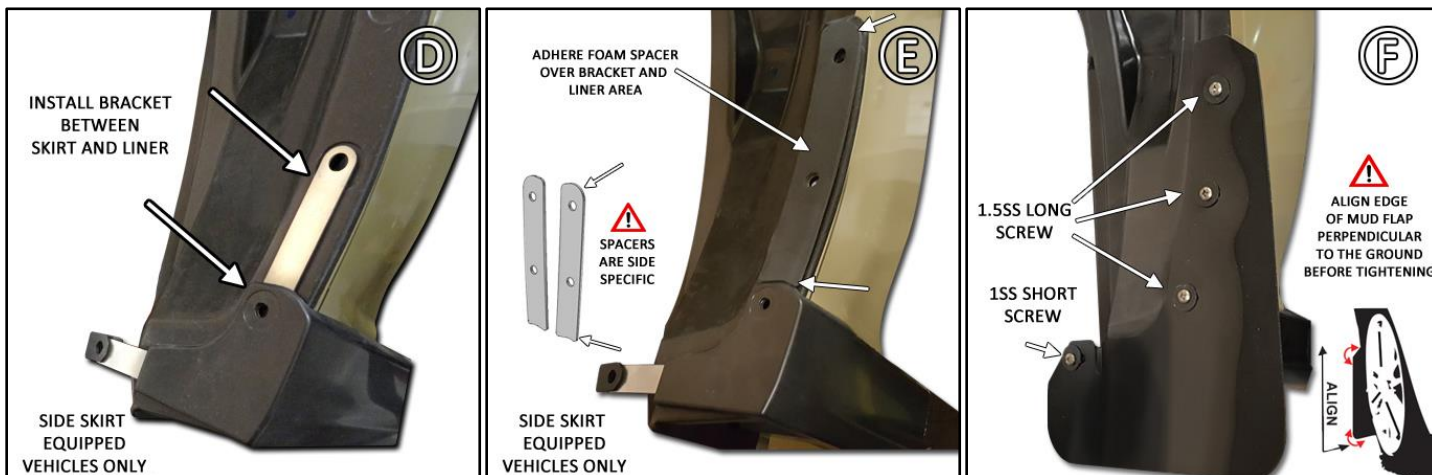
- **(Figure A)** Park vehicle on an even surface. Turn the steering wheel towards the side you are working on. Uninstall splash guards if present. Remove 3 outer fender liner fasteners and the lower side skirt/liner fastener found underneath.
- **(Figure B)** Pull liner away to gain access to inner fender. Place the upper/top portion of the "S" clip (SClip) over each of the 3 mounting points at an angle, as to clear liner. Re-install inner liner fastener. Re Install side skirt/liner fastener underneath.
- **(Figure C)** To allow for additional tire clearance, create a slight curve approximately 1.5" from the edge on one of the front brackets as shown. **Do not bend the bracket.** This will create additional turning clearance for your tires and can be further adjusted when installed on the vehicle. Over-bending this bracket will cause the mud flap mounting point not to align to bracket. Install a polygon clip (PolyClip) on the inner mounting point of the bracket.



- **(Figure D)** On side skirt equipped vehicles, mount a portion of the bracket **under** the side skirt area as shown, ensuring mounting points are visible through the skirt. **Vehicles without a side skirt- the bracket will mount behind the mud flap in the same manner.**

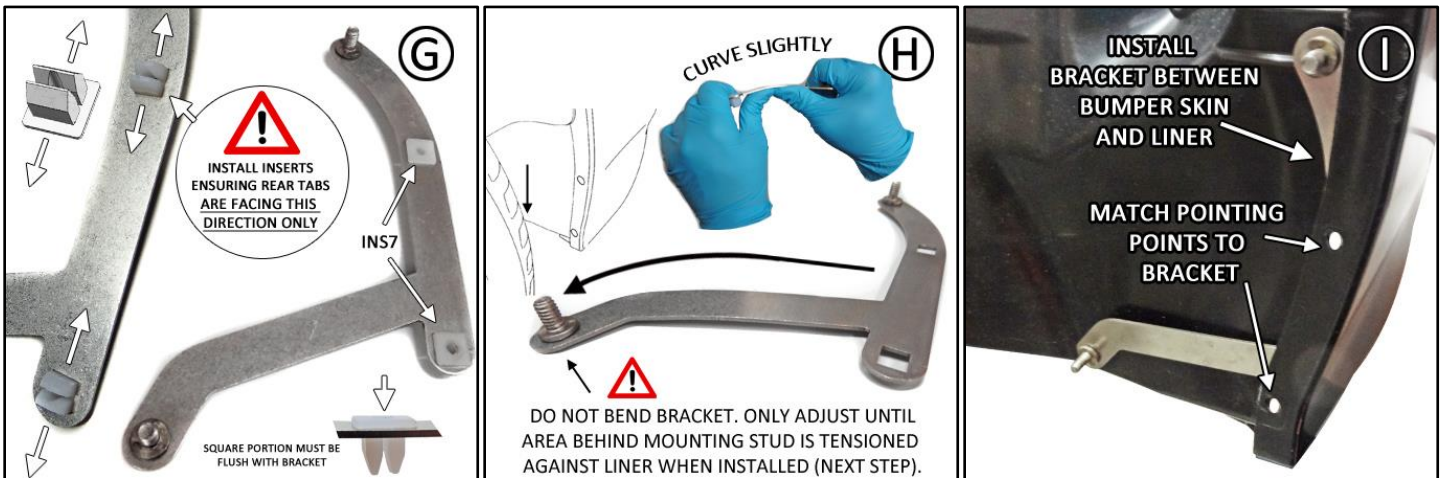
- **(Figure E)** On side skirt equipped vehicles, Test fit the **side specific** foam spacer against the liner and on top of the side skirt to match the mounting points. **Clean surface prior to adhering spacer.** Remove sticker backing and adhere to the liner area over the bracket. **DO NOT INSTALL THE FOAM SPACER ON A VEHICLE WITHOUT SIDE SKIRTS, IT IS NOT REQUIRED.**

- **(Figure F)** Loosely bolt a long screw (1.5SS) and a washer (SmWash), through each **three outer of the mounting points.** Install a short screw (1SS) and a washer (SmWash) on the inside mounting point. Do not fully tighten. Align outer edge of the flap by incrementally adjusting the assembly side to side, as well as the lower & upper portions of the flap. Tighten all mounting screws only until washer is seated. Tighten only until washers are seated. Do not over tighten the mounting screws.

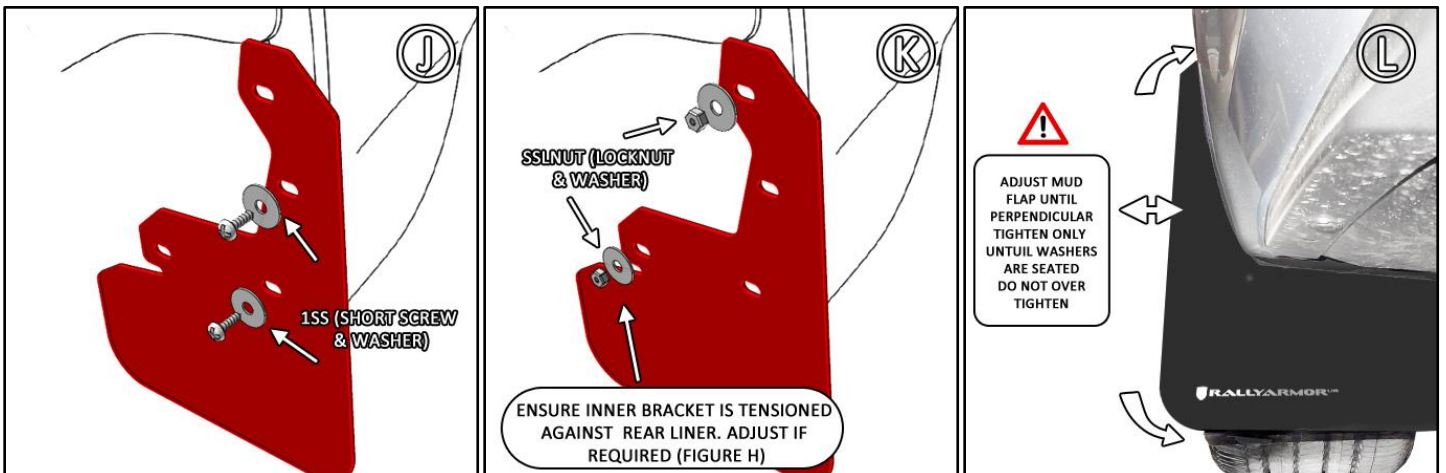


## Rear Mud Flap Installation

- **(Figure G)** Install two square /white inserts (Ins7) as shown. The position of the inserts are specific, **IMPORTANT- ensure that the outer expanding tabs are installed as per the diagram.**
- **(Figure H)** To ensure the inner rear portion of the bracket is snug and contacts against liner after installation, you can curve the bracket back **slightly** by hand. **Do not bend the bracket. You can always adjust during the installation as needed.** Over bending will cause the mud flap and mounting point not to align to the bracket correctly.
- **(Figure I)** Position the bracket between the liner and the outer edge of the bumper skin. Confirm that the mounting holes of the two white inserts are visible through the mounting holes in the bumper, and that the inner pointing point is tensioned against liner.



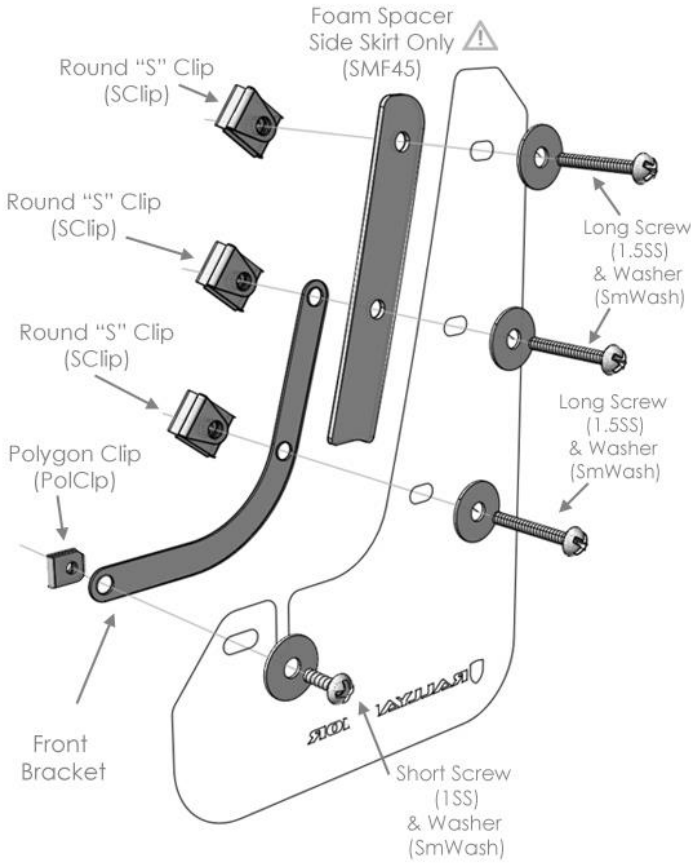
- **(Figure J)** Place the mud flap with the logo facing the rear of the vehicle, against the corresponding mounting points on the vehicle and bracket. Place a short screw (1SS) and washer (SmWash) over each of the two outer mounting points through the flap into the outer edge mounted clips. **Do not fully tighten. You will be adjusting the flap.**
- **(Figure K)** Mount innermost and upper most mud flap mounting points to bracket with Locknut (SSLNut) ,washer (SmWash). Hand tighten first, **Do not fully tighten. You will be adjusting the flap.**
- **(Figure L)** Align outer edge of the entire flap/bracket assembly until perpendicular to even ground. Tighten all mounting screws and lock nuts only until snug against washer. **Do not over tighten.**



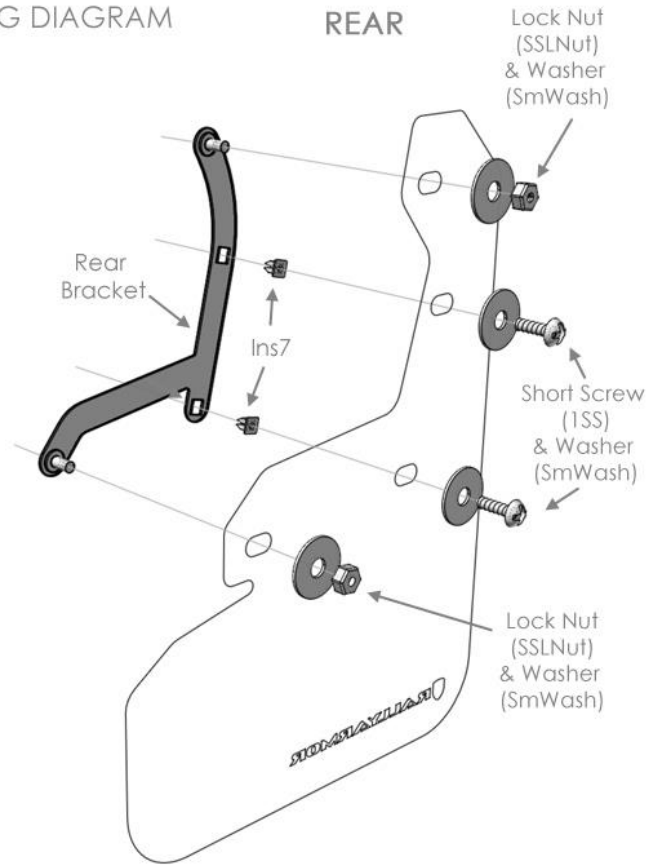
# IMF45



## FRONT HMF45 MOUNTING DIAGRAM



## REAR



**Check wheel clearance after installation, especially on vehicles outfitted with non-OEM offset wheels and suspensions. Adjust to accommodate accordingly in these scenarios. Rally Armor is not responsible for damage or loss of installed flaps.**

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