



Carbon Fibre Mini Mud Flap Fitting Instructions

IMPORTANT NOTICE: These instructions are for guidance only. It is your responsibility to ensure that installation is undertaken in a safe and appropriate way.

Introduction

Congratulations on your purchase of Carbon Mods' Universal Carbon Fibre Mini Mud Flap Kit. These Mini Mud Flaps are designed to provide a level of protection from spray and grit damage without giving your car the 'rally look' of full mud flaps.

Universal Fit

Made using genuine 2/2 twill carbon fibre, Carbon Mods' Mini Mud Flaps are universal fit and suitable for installation on almost any road car. Follow the simple instructions in this kit to add style and protection to your vehicle in minutes.

Kit Contents

Your Universal Carbon Fibre Mini Mud Flaps kit includes the following parts. If anything is missing please contact your place of purchase:

- 4 Flexible carbon fibre mini mud Flaps
- 12x Plastic 'tree clip' push-fit fasteners
- 2x Carbon Mods badges

Tools you will need to complete the installation:

- Electric drill
- 6mm drill bits

- Car jack
- Wheel nut spanner
- Tape measure
- Scribe (or sharp object like a nail)

Step by Step Instructions

The mud flaps are supplied undrilled. This allows you to position them anywhere you choose without the risk of pre-drilled holes conflicting with any existing clips or fasteners on the inside of your wheel arches.

1. Decide on the position of the mud flaps.



Use your own judgement to decide exactly where on the inside of your wheel arches the mud flaps will be installed.

- The sloped side of the mud flap is intended to go on the inside of the arch.
- The face with the carbon fibre finish should be visible from the rear of the car
- The rear mud flaps would typically be installed so that they extend about 20-30mm below the body line of the car and typically extending out 0-10mm out to the side.
- The front mud flaps would typically be installed about 0-20mm below the body line of the car and extending 0-10mm out to the side.

Above photos for example only. Exact positioning depends on your preference and your car's bodywork shape.

Once you are happy with the position of one set of mud flaps, use some masking tape or similar to mark where they will be positioned, in terms of height, angle and sideways position.

Use a tape measure to measure the height and position you have chosen for the mud flaps, front and rear. Use the tape measure and some more masking tape to transfer

the height and position to the other side of the car (you want them to be symmetrical!).

2. Jack the car and remove the first wheel



If you only have one car jack then you will need to do this one wheel at a time (and then complete the subsequent steps). It might be possible to install the mud flaps without removing the *front* wheels although it's probably best to just remove them anyway, giving you better access and ensuring you can accidentally scratch the wheels whilst you're working.

3. Drill through the top of the mud flap and wheel arch liner

Look at the inside of the wheel arch and identify any existing fasteners or other obstructions which it would be best to avoid when you drill the new fixing hole.



Align the mud flap according to your masking tape marks and hold it in position, recalling anything on the inside of the wheel arch that you want to avoid when you drill.

Pick a suitable point towards the top of the mud flap and use an electric drill and a 6mm drill bit drill through the mud flap and plastic wheel arch liner in one go.

4. Fix the top of the mud flap using a plastic 'tree clip' fastener

CAUTION: The plastic 'tree clips' may not look very strong but actually they are. Once they are pushed into place they are VERY difficult to remove and certainly can't be re-used. Before you use the clips have another look at the mud flap and make sure you haven't done anything wrong!

Using one of the black plastic push-fit fasteners; push the clip through the mud flap and into the wheel arch liner. Push the clip in all the way so that its head becomes flat with the mud flap.

5. Check alignment and drill lower hole

Because the wheel arch is a curved shape, before drilling the second hole ensure that the mud flap is sitting flat on the wheel arch, not 'bridging' the curve of the arch.

Hold the mud flap in position and drill the second hole (in the same way as you drilled the top hole) and then use another black plastic clip to secure the bottom of the mud flap in place.

7. Repeat 2-5 for the remaining mud flaps

Finally, repeat steps 2-5 for the remaining three mud flaps. Keep checking to ensure that you have the mud flaps aligned the same on both sides before drilling and fixing.

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The Universal Carbon Fibre Splitter and these instructions were created by Carbon Mods

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About Carbon Mods

Carbon Mods is a small specialist carbon fibre products company operating from premises in Staffordshire, England. All our products are designed, tooled and manufactured on site using high quality carbon, resins and other materials. We design and manufacture niche performance products for motor sports, aerospace and marine applications as well as a range of best-selling kits to introduce people to the world of carbon fibre.