



Orranje G-wing Advisory Fitting Guide

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The G-wing spoiler is intended for track use only

WARNING, MOTORSPORT OR DRIVING CAN BE DANGEROUS RESULTING IN DEATH OR PERSONAL INJURY.

As with all modifications, please inform your vehicle's insurer that the spoiler is on the car.

READ OUR FITTING INSTRUCTIONS CAREFULLY

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Orranje G-wing Kit Contents

1 x 9mm drill bit
1 x 3.2mm drill bit
4 x M6 Riv-nuts to attach spoiler sides to car
4 x Stainless steel screws to attach the spoiler wing to the spoiler sides
4 x Stainless steel screws to attach the laser cut bracket to the spoiler sides
4 x Black cover caps
2 x Aluminium laser cut fitting brackets
1 x Tube of black silicon
2 x Self adhesive neoprene/rubber gaskets
2 x Spoiler Sides
1 x GRP Spoiler Wing finished in a black gel coat – Please note: The wing can be brought up to a very shiny finish by using various grades of fine wet and dry sandpaper, followed by polishing with a D.A. Polisher, however for best results we recommend painting prior to installation (please do a test fit before painting)

Required Tools

- A marker pen
- PZ2 Pozi-drive screw-driver
- 4mm Allen Key
- Masking tape
- Electric Drill
- A silicon smoothing tool
- Riv-nut tool

Pre-requisites

We take no responsibility for any damage you may cause to yourself, the spoiler or your vehicle during the installation of the G-wing spoiler

For best results always use a professional to install the spoiler

For DIY purposes - We advise that two people fit the G-wing spoiler

Fitting Instructions

1. Constructing your spoiler

Take the laser cut metal plates and screw into the pre-drilled holes on either side of the spoiler sides as per the below image



Sliding the wing onto a spoiler side, make sure the wing sits in the wing pocket

If the spoiler doesn't fit correctly into the pocket it may be slightly too wide - slowly file away the mould lines on the two corners either end of the spoiler wing until it fits correctly into said pocket. Please take your time with this task.

Next, if the spoiler doesn't sit flush within the spoiler side pocket it might need some fine-tuning slightly – although every effort is made to ensure a perfect fit sometimes the spoiler wings come back from our manufacturer incorrectly trimmed and the spoiler end isn't perfectly flat thus creating a poor final fit.

This is an easy fix – simply, using some masking tape, pulling the tape tightly from one edge of the spoiler wing to the other, this will highlight if the wing isn't perfectly flat and if there is a pronounced section that needs trimming – do this to both sides of the same end of the wing as shown in the image below



Simply use some sandpaper on a block, slowly work back and forth along the spoiler end until the wing is perfectly flat and there is no pronounced section in the middle – this should ensure a nice snug fit into the spoiler side.

Next Slide the spoiler into the spoiler pocket on the spoiler sides. Ensure it fits snugly, then use a permanent marker to mark on the aluminium bracket the location of the two fixing holes. Remove the spoiler wing and drill the two hole marks with the supplied 3.2mm drill-bit, repeat for the other side of the spoiler and then screw the spoiler to the bracket ensuring you place the black screw cover caps over the screws to hide them once on the car.

2. Preparing your boot lid for fitting

Remove any existing MINI boot spoiler before attempting to fit your G-wing spoiler.

Next ensure that you clean the car thoroughly including any surfaces around where you are going to fit the spoiler, including the rear glass and inside the boot lip. We recommend methylated spirits for cleaning the glass.

Take the two self adhesive rubber gaskets, peel off the plastic strip and stick one either side of the rear window as shown in the image below



Next place a spoiler side on each side of the boot lid, at the desired height. Mark the two fixing holes with a marker, so that you will know where to drill.



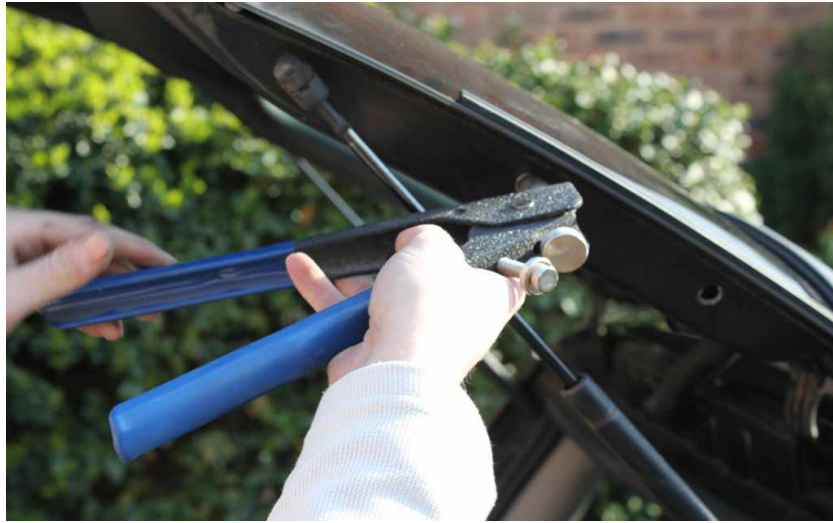
Next remove the spoiler side to reveal the two holes that you need to drill



Using the supplied 9mm drill bit, drill all four of the pre-marked holes (two on each side of the boot-lid)



Screw the riv-nut on to the riv-nut tool (not supplied), then place the riv-nut into the drilled hole and squeeze the riv-nut tool to lock the riv-nut in place.
Once successfully installed, remove the riv-nut tool from the a-fixed riv-nut and repeat for each hole



3. Fitting your spoiler

Remove the top plastic boot trim that runs across the top of the rear window.

Take your constructed spoiler and slide onto the boot lid, from the top of the boot lid, down as shown in the image below (we recommend getting a helping hand for this task)



Line up the holes in the spoiler sides with the riv-nuts you installed earlier



Next insert two M6 stainless steel bolts through the spoiler sides into the riv-nuts in the boot and screw them in using a 4mm Allen key



Do this on both spoiler sides so it's fixed like below



Your spoiler should now be attached - We advise that you close the boot-lid slowly to ensure all fittings are attached correctly and sit flush to the boot-lid sides.

4. Finishing your spoiler

Now your spoiler is attached to the car, it is important to seal the join between the spoiler sides and the spoiler wing. This will ensure a good factory style fit. If painting the wing, the sealing process should be carried out afterwards.

The reason for not sealing the spoiler sides to the wing until the G-wing is attached to the car, is that it may flex while you are fitting it and break the seal. This is why we recommend only sealing once it's attached to the car.

Using the black silicon supplied within the fitting kit, apply a small, neat and consistent bead around the area where the spoiler sides meet the spoiler wing. For best results, we recommend using a silicon finishing tool available from all good DIY stores.

If Using a silicon finishing tool kit, slowly work your way around the joint, regularly wiping excess silicon away onto a tissue (for best results dip the silicon tool in warm water throughout use).

Once a neat, concise joint has been achieved wipe any excess silicon away from the spoiler using the tool or a tissue.

If you don't have access to a silicon tool, you can use your index finger, however take care and wipe excess silicon off regularly onto a tissue. Remember to wash any excess silicon off your hands after this process is completed.

Ensure you seal the top and bottom edges of the wing to the spoiler sides as show in the below picture



Please note -

You should allow the sealant 12-24 hours drying time before washing the car or getting the car wet.

Congratulations, you have now successfully installed your Orranje G-wing – now go show all your friends!



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