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## MOUNTING INSTRUCTION

**Thank you for choosing an MRA X-creen.** Your new X-creen is a very versatile adjustable spoiler designed to improve your comfort and riding pleasure. Following this guide will ensure you receive the maximum benefits it can offer, so please read it through carefully and speak to your supplying dealer if you have any questions.

### Before Assembling!

Please read these mounting instructions thoroughly before starting and check the parts for completeness against the enclosed list. We recommend you have the spoiler installed by a motorcycle workshop or technician. X-creen is designed for mounting on motorcycles and scooters only.

If there are no existing mounting holes in your windscreen you will need to drill your windscreen first, so please proceed to section C (Drilling the Basic Windscreen).

If you wish to mount your X-creen using the optionally available XCC Tension Clamp Brackets kit (Art. No. 4025066125074), please refer to the instructions in section D.

### A - Assembly Process for Option "S" (Single Joint):

You will need 2.5 mm and 3 mm Allen keys for assembly and installation.

1. Put four nuts (13) into the XC spoiler (1) and assemble part (3) with the screws M4x8 (12).
2. Insert part (8) and part (4) in part (3) and attach it by pushing in part (2) in transverse/sideways direction (= open position).
3. Press the nuts (13) in part (9) and assemble it to part (8) with the screws M4x20 (11).
4. Put the preassembled X-creen on the windscreen and attach it with the nuts (13), the cover (10) and the screws M4x8 (12) to the provided drilled holes.
5. Tighten the screws M4x20 (11) of the mounting feet FXC-3 (9).

### B - Assembly Process for Option "D" (Double Joint):

You will need 2.5 mm and 3 mm Allen keys for assembly and installation.

1. Put the nuts (13) into the XC spoiler (1) and assemble part (3) with the screws M4x8 (12) on the left and on the right.
2. Insert parts (5) and (4) and attach them by pushing in part (2) in a transverse/sideways direction (= open position).
3. Insert part (7) and part (4) and attach them by pushing in part (6) in a transverse/sideways direction (= open position).
4. Press the nuts (13) in part (9) and assemble it to part (7) with the screws M4x20 (11).
5. Put the preassembled X-creen onto the windscreen and attach it with the nuts (13), the cover (10) and the screws M4x8 (12) to the provided drilled holes.
6. Tighten the screws M4x20 (11) of the mounting feet FXC-3 (9).

### C - Drilling the Windscreen to the mount the X-creen:

Drill your windscreen only if you are sure you want to mount the X-creen spoiler permanently. Please note it is also possible to clamp the X-creen onto your windscreen using the optionally available XCC Tension Clamp Brackets kit (Art. No. 4025066125074) – no drilling is required with these (see section D below).

1. Place the provided drilling template on the outside of the windscreen to be drilled so that the two arrows on the template are flush with the windscreen edge and that the template is centred. The scale on the left and on the right of the template (P1) will help you.
2. Take the preassembled X-creen spoiler, put the mounting feet (9) in a parallel position and lock the adjusting buttons (2) or (6). Hold the X-creen spoiler on top of the drilling template and check if the markings correspond with the mounting points of the X-creen (P2).
- When doing so, the mounting feet (9) must be turned so that they lie flat on the windscreen's outer surface. If the markings on the template do not correspond with the mounting holes, draw in suitable markings now.
3. Drill the 6mm holes with care and light pressure through the template into the windscreen. Make sure you drill vertically to the windscreen surface and do not slip (sticking one or more layers of clear tape on the screen's surface before you mark and drill may assist with this).
4. Put the preassembled X-creen onto the windscreen and attach it with the nuts (13), the cover (10) and the screws M4x8 (12) to the provided drilled holes.
5. Tighten the screws M4x20 (11) of the mounting feet FXC-3 (9).

### D - Mounting the X-creen spoiler using the XCC Tension Clamp Brackets kit:

If you would prefer not to drill your windscreen, you can mount the X-creen spoiler on your windscreen using the optionally available XCC tension clamp brackets kit (Art. No. 4025066125074).

You will need 2.5 mm, 3mm and 4 mm Allen keys and a 10 mm combination spanner for assembly and installation.

1. Take the preassembled X-creen spoiler, put the mounting feet (9) in parallel position and lock the adjusting buttons (2) or (6).
2. Screw the coverings (10) with the screws M4x8 (12) to one side of the XCC brackets (14). On the opposite side, screw the XCC brackets to the mounting feet (9) of the X-creen.
3. Press the rubber washers (15) on the thread end of the screws M4x8 (12). If you wish, you may glue the rubber washers onto the XCC brackets with contact adhesive (such as Evo Stick Impact), as this will make the assembly process easier.
4. Put the rubber hoses (16) into the XCC brackets, push the screws M6x30 (17) through them and screw the nuts M6 (18) with the washers (19) on them.
5. Now put the X-creen centrally onto the windscreen so that the rubber hoses are on the edge of the windscreen.
6. Tighten the screws using their corresponding tools, making sure that the XCC brackets stay in the required position so that the joints are not under tension. When tightening, the XCC bracket is compressed and the rubber washers are pressed against the windscreen. First the front rubber washers and then the back ones with further tightening. Tighten the screws so that the back rubber washers are as compressed as the front rubber washers (P3).
7. Press the caps (20) on the nuts and tighten the screws M4x20 (11) of the mounting feet (9).

### E - Removing the X-creen spoiler with XCC clamps

1. Remove the caps (20) and loosen the nuts on the M6x30 clamp bolts.
2. Now you can carefully pull the X-creen spoiler with the XCC clamps (14) carefully off upwards (14). Should the clamp tension still be too strong, you may have to loosen the bolts a little more.
3. You can also use the bolts (21), conical sleeves/bushings (22) and nuts (23) supplied to open the clamps wider (e.g. if the windshield has a bulge), inserting them crosswise into the XCC clamps and screwing them shut as shown in P4.

### F - Changing from Option "S" to Option "D":

1. Remove (2) by moving it a little in a transverse/sideways direction and then pulling it out.
2. Remove (4) and (8).
3. Remove the screws M4x20 (11).
4. Assemble the parts as described in section B "Assembly Process for Option D".

### F - Changing from Option "D" to Option "S":

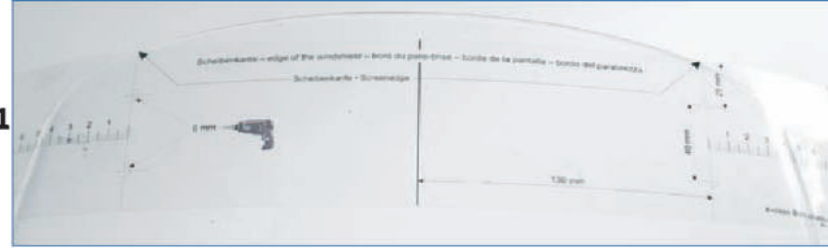
1. Remove (2) by moving it a little in a transverse/sideways direction and then pulling it out.
2. Remove (4) and (5).
3. Remove the screws M4x20 (11).
4. Assemble the parts as described in section A "Assembly Process for Option S".

Only ever clean your X-creen with water, neutral soap and a sponge.

Never wipe your X-creen with a dry cloth or use solvents as these may

scratch or damage its surface.

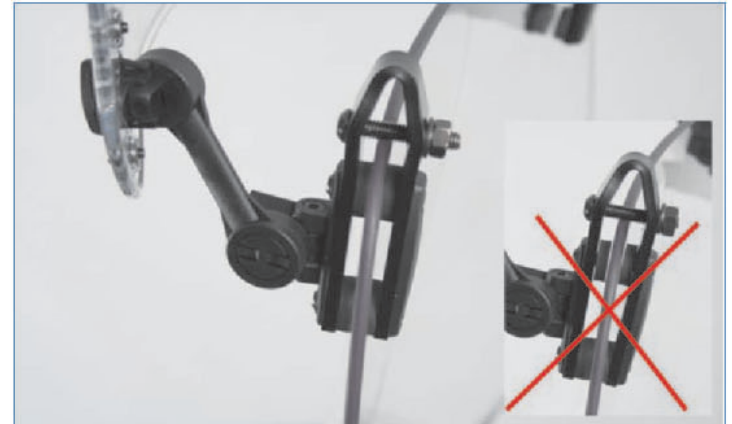
P1



P2



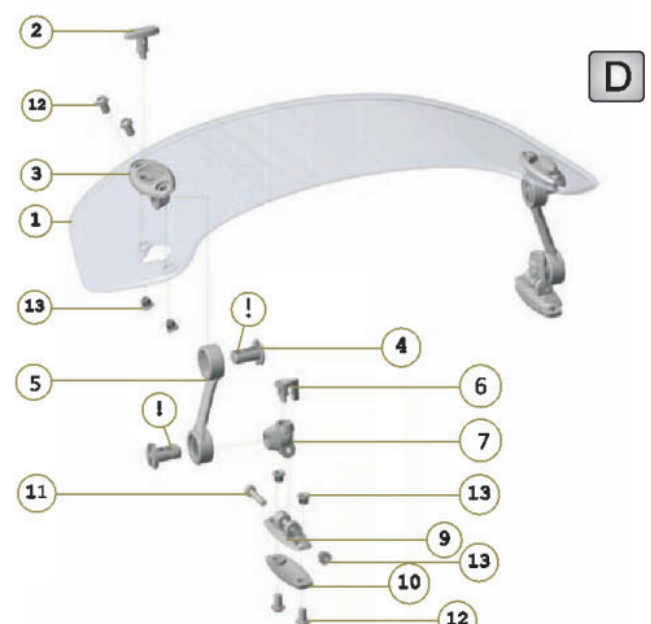
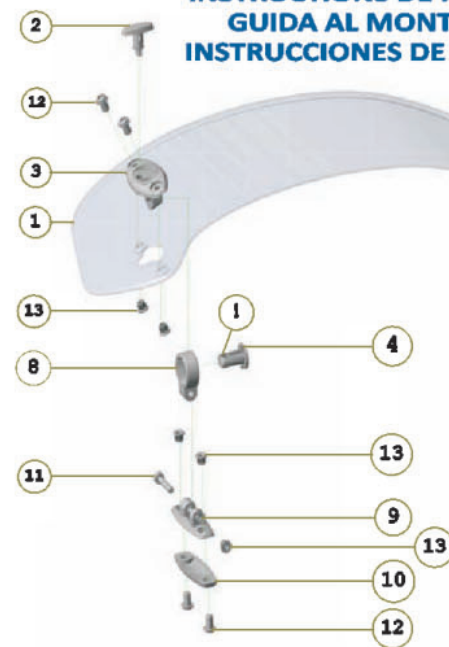
P3












P4





## MONTAGEANLEITUNG MOUNTING INSTRUCTION INSTRUCTIONS DE MONTAGE GUIDA AL MONTAGGIO INSTRUCCIONES DE MONTAJE





	No.	Part	Qty.
	2	XC-2	2
	3	XC-1	2
	4	XC-FXC-3	4
	5	XC-4	2
	6	FXC-2	2
	7	FXC-5	2
	8	FXC-4	2
	9	FXC-3	2
	10	FXC-1	2

	No.	Part	Qty.
	11	M4x20	2
	12	M4x8	8
	13	M4N	10