

Exige V6 S3 Rear Diffuser Surround Fitting Guide

R01SB0482

Introduction

This part is required to fit our extended carbon diffuser which improves down force and also further reduces drag. The part features cnc machined carbon side grille vents to let out hot air radiated from the exhaust.

Please if Dyno testing the car remove this part and any carbon mid floor or diffuser fitted as there is a danger without air flow the carbon could ignite.

Parts Available:

[R01SB0482](#) Exige V6 S3 Rear diffuser surround



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Tools Required

10mm spanner

Drill and metric drill bits set 3-10mm

Nutsert or Rivsert insert gun to fit alloy inserts to chassis rails

Metric allen key set

Sandpaper and block of various grits

Parts supplied

R01SW6183 6 off 2 lug M6 threaded anchor nuts

R01SW6146 12 off 3/32" c/sunk 8mm long rivets for anchor nuts above.

R01SW6416 6 off M6 x 16 s/steel button head screws

R01SW6079 6 off M6 x 13.5mm washer



1. Handbrake on
Jack up the car carefully as per Lotus handbook instructions and support on four axle stands safely. Caution vehicle very rear weight heavy.

We find it is better to jack up with a low jack and 40mm spacer under the rear wishbones, then support the rear wheels with steel ramps.






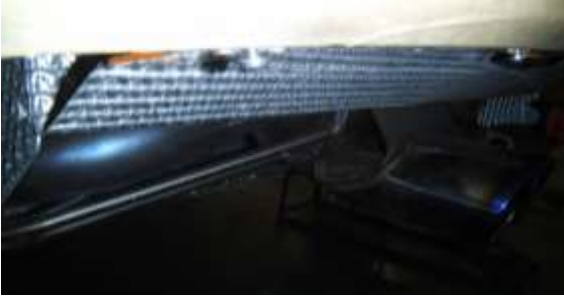

2. Unbolt the OEM rear diffuser to allow access to the Rear upper diffuser surround trim bolts and rivets.



3. Unbolt and remove this centre diffuser hanging bracket



4. Now unbolt the one lower bolt each side and the 5 upper bolts and carefully drill out the upper diffuser surround fixing rivets. Also remove any parking sensors if fitted, these cannot be refitted to our Reverie part (unless you do your own custom modification).

	<p>5. Rear OEM diffuser surround shown off the car</p>
	<p>6. Existing Lotus fixing holes shown at top where the new M6 threaded anchor nuts have to be fitted.</p>
	<p>7. Now you need to fit the supplied M6 anchor nuts where the original top 5 bolt holes were. Drill counter sunk rivet holes each side and fit the anchor nuts on the back of the fibreglass using 2.4mm c/sunk rivets supplied.</p>
	<p>8. M6 bolts and washers shown in position on car at top loose ready to slide on new rear diffuser surround panel</p>
	<p>9. Rear diffuser surround shown with top slots to slide onto upper 5 off M6 washers/bolts. Once in position tighten bolts fully, very difficult to get at! You will likely need to mark positions of the required slots and put them in using a dremel to the Carbon Fibre part supplied.</p>



10. Rear diffuser fixings in diffuser support panel, 3 each side. Once installation complete, carefully lower the vehicle to the ground for use.

Never rolling road tune the vehicle with a Carbon mid floor, diffuser or diffuser surround fitted as these parts may become hot and ignite without cooling airflow normally present.

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

READ OUR FITTING INSTRUCTIONS CAREFULLY

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UV-PROTECTION

Please Note Epoxy Pre-preg products are not UV stable. Texallium products are particularly liable and can yellow in only 2 – 6 weeks. The epoxy resin will 'yellow' with prolonged exposure to UV radiation and material strength properties will slowly deteriorate. We recommend exterior products or those exposed to constant UV are either regularly treated with UV polish or screens such as Armour-all or 606 protectant or colour painted or at least Lacquered. We use predominately 2K car lacquers of medium solids, the DBS range has been found very suitable, although people have had equally good results with Urethanes varnishes and epoxy clear coats.

The surface should be sanded with 180, 240 then 320 grit and a cleaning solvent used to remove grease or dirt prior to paint application. Several coats may be required (normally 3 to 4 light coats) to avoid pin-holing, common with painting composite products. Pin holes may be dubbed in carefully with a brush, then wet flatted for a final application of 3 thin coats.

Let air dry only, you may stove the paint at 70°C once fully air dried.