

Exige S2 111R Side Duct Fitting Guide

Introduction

In order to facilitate ram air to an induction system reverie have produced an inner passenger side moulded scoop with 100mm exit snorkel, this can be directly fed into our Daytona 111r or S2 k series induction kits.

To further improve this we also offer outer scoops with mesh grilles that enhance the styling, offer increased air filter clogging protection and direct an increased amount of air to the inner scoop or engine bay / oil cooler if fitted.

These outer scoops are particularly useful on Modified cars, in particular those with turbo chargers which benefit from the increased general cooling or oil cooler targeted flow provided. These outer grilles are available for s2 elise with brackets that attach to the standard plastic side grille fixing points (once removed), or S2 exige with the standard 3 holes for the bolt up fixing, supplied with 3 spacer posts and m5*45mm bolts.

Parts supplied:

- 2* outer carbon scoops, with grille mesh pre-bonded
- 2* Irs0856 U channel Rubber edging for grille edge 350mm long
- 6 * s/steel M5 * 40mm button head bolts (use original outer & inner rubber & nylon washers)
- 2 * 25mm spacer lower forward
- 2 * 20mm spacer upper forward
- 2 * 7mm spacer rear.
- 2 * 400m long dx85 U section buffer rubber for body work.



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Tools Required

- Metric spanner set
- Metric socket set
- Drill and 3mm drill bit
- Posi bladed Screwdriver
- Jack, Axle stands, wheel wrench




Outer Scoops S2 Exige


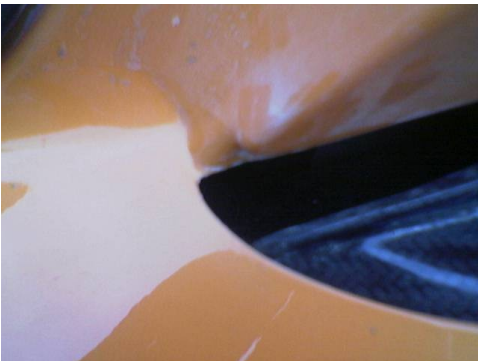


	<p>1. Remove the standard plastic side ducts.</p>
	<p>2. Std side duct removed. At this point you need to decide if you want to refit the original grilles behind, or on the passenger side maybe one of our inner ducts to ram feed our Daytona induction system, available for 111r and s2 k series cars.</p>
	<p>3. Cut off the folded steel 90' return tab on the bracket shown, or cut the grille mesh away to clear if you don't have access to a dremel with a cut off wheel.</p>
	<p>4. View of new side duct showing protective rubber edge strip</p>

	<p>5. Fit 400mm long dx85 u-section rubber supplied (each side) over lower lip of bodywork to hide poorly trimmed factory panel edge. Do not fit this rubber if you are fitting the optional inner duct.</p>
	<p>6. New reverie outer duct shown ready to be fitted, use longer bolts supplied (45mm under head) and 20mm spacer upper forward, 7mm spacer rear, 25mm lower forward. You can adjust post length by sanding or adding washers if required for car to car tolerance variations. You should refit the O.E rubber washer and then nylon washer after the spacer posts to hold everything on the bolt whilst you are trying to position and tighten into place.</p>
	<p>7. Optional outer carbon side ducts shown. N.B with holes for Exige S2, without holes for Elise S2. See www.reverie.ltd.uk for details.</p>

Inner Scoop with 100mm exit (Can be used for Ram air to Daytona induction kit)

Can be fitted alone with std exige outer side ducts or deeper reverie carbon ducts.

	<p>1. Chock front wheels, Jack up rear of car and remove road wheels. Remove the rear inner wheel arch liners and standard plastic side duct.</p> <p>Note: Ideally this scoop should be used with the deeper outer scoops we offer particularly in hotter climates. Also an additional slot should be added below the 100mm 45° exit to allow more general cooling air to also enter the engine bay in hot climates such as California USA.</p>
	<p>2. Remove the upper forward blanking piece in the duct aperture in the rear of the door shut on exige.</p>
	<p>3. Sand off lip under rear clam shell where the blanking piece was fitted.</p>

	<p>4. Drum sand using a dremel with 80 or 120grit abrasive drum sanding bit. Also use a diamond point 3mm dia to get the harp beak point required.</p>
	<p>5. checking the fit at the lower edge whilst sanding it with the dremel</p>
	<p>6. Inner scoop now pushed home into position</p>
	<p>7. Optional inner cold air feed scoop shown (Uk passenger side only). See www.reverie.ltd.uk for details.</p> <p>N.B The Notch (cant bee seen when fitted) top right is there to clear the upper forward securing strap present on our elise s2 outer scoops & therefore not relevant on exige. The other arrow points to the self tapping lotus screw hole which you should use to attach.</p>



8. External View of Air inlet feed duct (optional)
Fitted alone.

You are also highly recommended to then fit the optional exige 3 hole outer deep carbon side scoops to further improve the induction system and gain reduced servicing of the air filter due to the grille mesh stopping debris, particularly tyre rubber clogging the filter. Fitting as per paragraph above.



9. View of the scoop under hood, ready to be connected to 111r Daytona induction kit.

Once fitment complete, Refit the inner wheel arch liners and refit the road wheels. Lower car to the ground and torque wheel nuts.

