

REVERIE

UNIVERSAL PARTS BROCHURE

AERO/EXTERIOR

REVERIE

LIGHTER | FASTER | STRONGER

ABOUT US

Established in 2000 in Colchester, Essex, UK by former Lotus engineer Simon Farren, Reverie started by designing and producing niche track day and aftermarket Carbon Fibre performance parts, primarily for Lotus models. Growing quickly, in 2001 Reverie started offering composite engineering and manufacturing services to small car manufacturers, motorsport manufacturing companies and race teams. Caterham Cars commissioned Reverie to design, manufacture and supply a complete induction silencer system for their R500 with K-Series engine. Between 2003 and 2005, Reverie was proudly involved in winning a large motorsport composite project for Foggy PETRONAS Racing, involving the manufacture of 150 full panel sets for the FP1 homologation special motorbike. All delivery times and quality targets were met for both the OEM manufacturing company and the FP1 race team. After gaining ISO9001 certification in 2014, Reverie was selected to manufacture Carbon Fibre OEM key fobs for McLaren (MP4/12 P1) to very high clear coated paint specifications. This large contract involved manufacturing over 24,000 units.#

MD, Simon J. Farre

WHY CHOOSE REVERIE?

An established world-wide market leader with passionate, professional and highly skilled staff who offer composites design, manufacturing and repair skills. A technical sales team with real practical knowledge of road/race and track applications and fitments of our Product ranges be it aerodynamics or powertrain enhancing to help you select the best solution and support you to fit our products. We have a one-stop shop - Composite cutting, laminating, curing, CNC machining, painting, polishing and inspection. We proudly supply LMP1/WRC Motorsport teams and manufacturers, not F1 including for example Cosworth Electronics, Gibson Technology, Lazer lamps, M-Sport. Because we do not supply F1 means we are not seasonal and will therefore not increase or inflate our prices or hold up your Reverie parts order. With full ISO 9001 quality status, as a customer you can be assured of the very best customer service, continuing service and product improvements and highest quality products and services, we need, like, internally monitor / report and respect your valued feedback.

View terms and conditions

WHY THE AUTOCLAVED PROCESS?

We predominantly use pre-impregnated epoxy thermoset composite materials to ensure that high fibre contents can be achieved consistently. We also CNC cut, then meticulously hand lay, vacuum bag and autoclave all the layers to further ensure low void contents and trapped volatiles to maximise interlaminar shear properties by forcing the various layers in the fibre/resin matrix together. This process as used widely in F1 results in high quality lightweight, cosmetic grade parts achievable time and time again, with low void content and surface pin-holing.





1 **BODYWORK PARTS** 2 **AIR INTAKE DUCTS/SCOOPS** Part No. 1 R01SB0032 Mondello - 100mm Oval Outlet £282.45 R01SB0026 Mondello - 75mm Oval Outlet £271.95 2 R01SE0367 Bumper/Radiator Duct 330 x 50mm £177.45 Rectangular Duct 75/100mm Outlet (per side) £166.95 **BONNET/ROOF SCOOPS** 4 R01SE0068 150 x 140 x 49mm, Ext. Flange £166.95 5 R01SE0067 150 x 140 x 49mm, Int. Flange £166.95 R01SE0070 150 x 140 x 90mm, Ext. Flange £166.95 R01SE0069 150 x 140 x 90mm, Int. Flange £166.95 R01SE0064 300 x 140 x 49mm, Ext. Flange £166.95 R01SE0063 300 x 140 x 49mm, Int. Flange £166.95 R01SE0065 300 x 140 x 90mm Int. Flange £166.95 R01SE0066 300 x 140 x 90mm, Ext. Flange £166.95 R01SE0365 425 x 140 x 49mm, Ext. Flange £166.95 R01SE0438 425 x 140 x 49mm, Int. Flange £166.95 R01SE0439 425 x 140 x 90mm, Ext. Flange £166.95 R01SE0440 425 x 140 x 90mm, Int. Flange £166.95 Pair shown non-handed **BONNET VENT GRILLS** 5 6 6 R01SB0404 L232mm x W56mm £177.45 **NACA DUCTS** 7 R01SE0009 58mm Outlet £114.45 8 R01SE0008 58mm Triple Outlet £240.45 9 R01SE0178 75mm Outlet £137.95 10 R01SE0179 100mm Outlet £145.95 II R01SB0179 Rectangular 147 x 25mm Outlet £114.45 7 8 Inside non-moulded paint ready 9 10 11

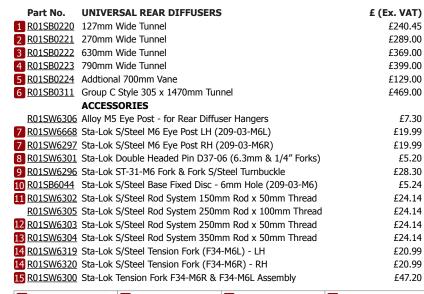


>> CLICK TO VIEW DIFFUSER SIZE GUIDE

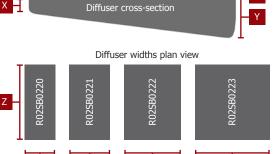
UNIVERSAL DIFF

We produce universal rear diffuser tunnels in various widths that can be joined together to form a rear diffuser with a 10° ramp angle fixing along the front mounting edge which can be retained, or cut to fit almost any vehicle. Ideally, our diffusers should be mounted between 6° and 12° to the floor. We also offer a range of adjustable stainless steel stays to allow mounting the rear of the diffuser and tuning its angle.

Universal diffuser elements are 800mm long and available as 127mm, 270mm, 630mm or 790mm wide, we also offer separate diffuser vanes that can be bonded on to increase the number of elements on the diffuser. We produce a Group C style element that also allows for multiple elements to be bonded together, that is 305mm wide and 1470mm long. Length and shape of vanes available to any profile or depth please specify when ordering.







680*

790*

270

Customer to specify dimension X, Y, Z when ordering. A = 20mm tab that can be trimmed off.

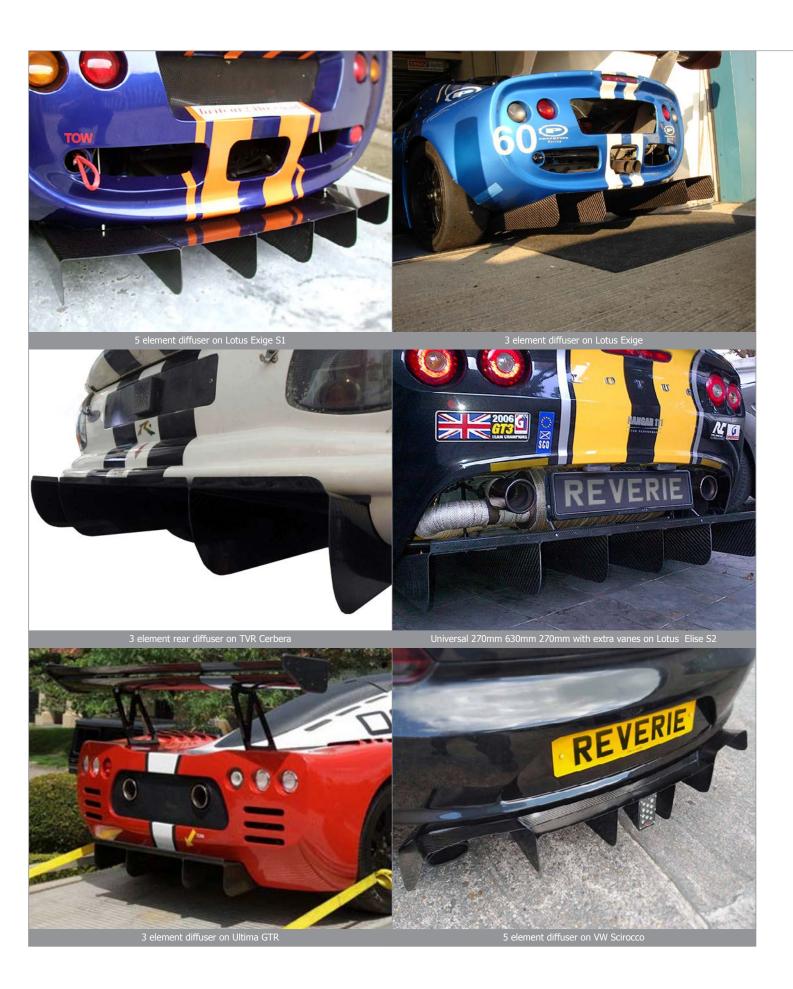
X = up to 90mmY = up to 180mmZ = up to 800mm

*can be cut to reduce to any width and joined with another diffuser element.

To join another element/ bond & fit vanes: £49+VAT per vane.



Joined diffuser tunnels



>> CLICK TO VIEW TECH DATA
>> CLICK TO VIEW REAR WING FAQ
>> CLICK TO VIEW WING SELECTION GUIDE

WINGS (FRONT/REAR)

We produce various styled front and rear wings in high quality, autoclaved Carbon Fibre to generate grip-enhancing down force and to tune the aero balance of a vehicle. Multiple wing profiles are available optimised using CFD software.

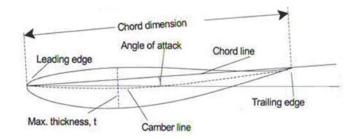
The wings range from simple low drag single element wings to much larger high down force dual element wings. Dual element wings can be more efficient at generating down force than larger chord single element wings, which is why we don't offer a profile with a chord of more than 310mm.

Most of our wings are supplied with end plates to give more down-force by reducing the tip losses of the high and low pressure air mixing.



>> CLICK TO VIEW WING SELECTION GUIDE

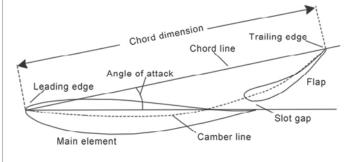
WINGS TECHNICAL INFORMATION

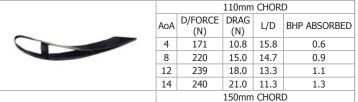


All data shown is based on a wing length of 1000mm and test speed of 100mph, Generally lift over drag improves as span increases, but a good estimate of downforce and drag can be obtained by multiplying the 1 metre data show below by the span of interest in metres To convert drag into BHP absorbed use the following formula;

BHP absorbed = $(2 \times Drag (N) \times Speed (m/s)) \div 1500$ Conversion for Mph to m/s 1×1000 mph = 0.447×1000 m/s

>> CLICK TO VIEW MORE CALCULATION EXPLANATIONS







	AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED	
	4	219	16.0	13.7	1.0	
	8	304	21.0	14.4	1.3	
	12	331	25.0	13.3	1.5	
	14	346	29.0	12.0	1 7	

225mm CHORD



AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED
4	446	34.0	13.1	2.0
8	539	47.0	11.5	2.8
12	598	59.0	10.1	3.5
14	620	66.0	9.5	3.9

310mm CHORD LOW DRAG



AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBE
4	403	29.0	11.5	1.7
8	518	41.0	8.9	2.4
12	613	58.0	7.6	3.5
16	678	77.0	6.5	4.6
	310mm	CHORD	HIGH	D/FORCE



AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED
4	473	39.0	12.1	2.3
8	613	43.0	14.3	2.6
12	712	62.0	11.5	3.7
16	802	82.0	9.8	4.9



50,0000 35,0000

AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED			
15	1003	136.0	7.4	8.1			
19	1108	166.0	6.7	9.9			
23	1203	198.0	6.1	11.8			
25	1240	213.0	5.8	12.7			
	210	. 110	CII	ODD			

225 + 110mm CHORD

|--|--|

AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED			
17	1164	178.0	6.5	10.6			
21	1274	214.0	5.9	12.8			
25	1367	251.0	5.5	14.9			
27	1401	267.0	5.3	15.9			
	310 + 150mm CHORD						

225 + 150mm CHORD



310 + 110mm CHORD					
AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED	
11.3	981.0	63.0	15.6	3.8	
12.5	1087.0	78.0	13.9	4.6	
13.6	1173.0	95.0	12.3	5.7	
14.8	1251.0	111.0	11.3	6.6	
15.3	1279.0	119.0	10.7	7.1	
15.9	1321.0	127.0	10.4	7.6	



	1.01	207.0	5.5	13.3		
	310 + 150mm CHORD					
AoA	D/FORCE (N)	DRAG (N)	L/D	BHP ABSORBED		
11.3	1125.0	137.0	8.2	8.2		
12.7	1232.0	163.0	7.6	9.7		
14.0	1281.0	185.0	6.9	11.0		
15.4	1328.0	207.0	6.0	12.3		
16.0	1369.0	216.0	6.3	12.9		
16.7	1410.0	229.0	6.2	13.6		

» WINGS (FRONT/REAR) > FRONT WINGS

>> CLICK TO VIEW REAR WING FAQ

>> CLICK TO VIEW WING SELECTION GUIDE

FRONT WINGS

Our lightweight high-downforce Carbon Fibre front wings are designed by aerodynamics writer and designer Simon McBeath and can fit a range of different cars. Available in either 150, 225 or 310LDmm chord, our front wings can be adjustably mounted from above allowing you to fine tune the angle of attack.

Not supplied are wing mounts, only wing mount support tabs which we can pack loose for you to fit in the desired position or alternatively we can drill to the required mounting width. We can also trim the width of the wing to your application. Please contact us first before ordering.









£139.00

£139.00

R01SB0363 225mm Support Tab LH RH

6 R01SB0428 310mm LD Support Tab LH RH

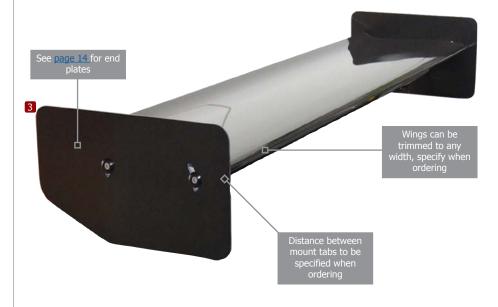


» WINGS (FRONT/REAR) > SINGLE ELEMENT BOTTOM MOUNTED REAR WINGS

>> CLICK TO VIEW REAR WING FAQ

>> CLICK TO VIEW WING SELECTION GUIDE | >> CLICK TO VIEW TECH DATA

SINGLE ELEMENT BOTTOM MOUNTED





	Part No.	110mm CHORD		£ (Ex. VAT)
	R01SB0207	W1.8m Max. Straight C	lam/Boot/Roof Mounted	£817.95
	R01SB0440	W2.1m Max. Straight C	lam/Boot/Roof Mounted	£817.95
	R01SB0206	W1.8m Max. Curved Cla	am/Boot/Roof Mounted	£817.95
		150mm CHORD		
	R01SB0201	W1.8m Max. Straight C	lam/Boot/Roof Mounted	£838.95
	R01SB0437	W2.1m Max. Straight C	lam/Boot/Roof Mounted	£838.95
	R01SB0200	W1.8m Max. Curved Cla	am/Boot/Roof Mounted	£838.95
		225mm CHORD STR	AIGHT	
	R01SB0358	W1.8m Max. Straight E	nd Mounted, No Drop Mount Tabs	£943.95
	R01SB0163	W1.8m Max. Straight C	lam/Boot/Roof Mounted	£996.45
		225mm CHORD CUR	VED	
[1	R01SB0310	W1.24m Max. Drop-End	d Style Clam/Boot/Roof Mounted	£1363.95
2	R01SB0162	W1.8m Max. Clam/Boot	t/Roof Mounted	£996.45
	R01SB0357	W1.8m Max. End Moun	ted, No Drop Mount Tabs	£975.45
		310mm CHORD HIGH	H DOWNFORCE	
	R01SB0430	W2.1m Max. Straight, N	lo Drop Tabs	£1048.95
	R01SB0429	W2.1m Max. Straight w	/Drop Tabs & End Plates	£1258.95
		310mm CHORD LOW	DRAG	
3	R01SB0422	W2.1m Max. Straight N	o Drop Tabs	£1048.95
	R01SB0421	W2.1m Max. Straight w	/Drop Tabs & End Plates	£1258.95





WINGS (FRONT/REAR) > DUAL ELEMENT BOTTOM MOUNTED REAR WINGS

>> CLICK TO VIEW REAR WING FAQ



2 R01SB0443 310/110mm Chord x W2.1m Max. Straight Adjustable

R01SB0444 310/150mm Chord x W2.1m Max. Straight Adjustable



£1836.45

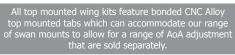
£1836.45

WINGS (FRONT/REAR) > SINGLE ELEMENT TOP MOUNTED REAR WINGS

>> CLICK TO VIEW REAR WING FAQ

>> CLICK TO VIEW WING SELECTION GUIDE \| >> CLICK TO VIEW TECH DATA \|

SINGLE ELEMENT TOP MOUNTED









Part No.	SINGLE ELEMENT TOP MOUNTED WINGS	£ (Ex. VAT)
1 R01SB0522	225mm Chord x W1.8m Max. Straight	£1258.95
2 R01SB0523	225mm Chord x W1.8m Max. Curved	£1185.45
3 R01SB0530	225mm Chord x W1.24m Curved Drop-End Style	£1500.45
4 R01SB0529	310mm Chord H/Downforce x W2.1m Max. Straight	£1363.95
R01SB0526	310mm Chord Low Drag x W2.1m Max. Straight	£1363.95
	CNC ANODISED ALUMINIUM "SWAN" MOUNTS	
5 R01SB0518	Standard Swan Mounts - Pair Black Anodised	£733.95
6 R01SB0521	Standard Swan Mounts & Base - Pair Black anodised	£943.95
7 R01SB0535	Long Swan Mounts - Pair Black Anodised	£943.95
8 R01SB0541	Long Swan Mounts & Base - Pair Black Anodised	£1149.75
9 R01SB0536	Reverie Swan Mount Bottom Bracket Chassis Mount (Each)	£99.00











For wing accessories, see page 14



» WINGS (FRONT/REAR) > DUAL ELEMENT TOP MOUNTED REAR WINGS

>> CLICK TO VIEW REAR WING FAQ

>> CLICK TO VIEW WING SELECTION GUIDE | >> CLICK TO VIEW TECH DATA

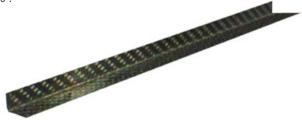


ACCESSORIES

> REAR WINGS



A Gurney flap is small angled flap that fits on to the trailing edge tip of the pressure surface of a wing to increase down-force with a minimum penalty in drag. Our Gurney flaps can be trimmed to any length to fit your application and are available in a range of different sections and two different angles; 90° & 110°.





Both the straight and swept wing mounts have an array of 9 x holes allowing you to achieve the desired wing AoA. The mounts have two M6 threaded holes in the underside for mounting to flat surfaces.

The mounts are black satin powder coated and are compatible with all bottom-mounted rear wings.

Angle spacers for R01SB0508 mounts allow for an increase in AoA by 11 degrees. Ideal for use on vehicles with approx 20° degree angle of boot lid or tailgate

More wing mounts and wing kits can be found in the model specific brochure.

Custom end plate designs can be created upon request. Scale drawings of end plate hole positions for all sizes of wing (both single and dual element) can be <u>downloaded</u> allowing you to sketch your desired shape. Contact us for further details.

🚹 Part No.	GURNEY FLAPS	£ (Ex. VAT)
R01SU0152	10 x 10 x 1800mm, 90deg - Curved	£156.45
R01SU0151	10 x 5 x 1800mm, 90deg - Curved	£156.45
R01SU0150	10 x 10 x 1800mm, 90deg - Straight	£145.95
R01SU0149	10 x 5 x 1800mm, 90deg - Straight	£145.95
R01SU0238	11 x 15 x 2100mm, 90deg - Straight	£156.45
R01SU0087	15 x 10 x 1240mm, 110deg - Straight	£103.95
R01SU0263	15 x 15 x 2100mm, 110deg - Straight	£145.95
R01SU0086	15 x 5 x 1240mm, 110deg - Straight	£103.95
2	REAR WING LOWER DROP TAB BRACKETS	
	for 110mm Chord Wing (Pair)	£129.00
R01SB0410	for 150mm Chord Wing (Pair)	£129.00
R01SB0169	for 225mm Chord Wing (Pair)	£139.00
R01SB0435	for 310mm HD Chord Wing (Pair)	£139.00
R01SB0427	for 310mm LD Chord Wing (Pair)	£139.00
	REAR WING UPPER DROP TAB BRACKETS	
R01SB0326	for 110/150mm Chord Wing (Pair)	£129.00
R01SB0363	for 225mm Chord Wing (Pair)	£139.00
R01SB0428	for 310mm LD Chord Wing (Pair)	£139.00
	REAR WING END PLATES	
3 R01SB0257	225mm Chord Slotted End Plates - Pair	£149.00
4 R01SB0182	225mm Chord Slotted End Plates - Pair (Palette Style)	£149.00
5 R01SB0495	225mm Chord Angled End Plates - Pair	£240.45
6 R01SB0231	225mm Chord Dual Element End Plates - Pair	£208.95
7 R01SB0613	225mm Exige S3 380 V6 Style End Plates - Pair	£240.45
8 R01SB0612	310LD Exige S3 380 V6 Style End Plates - Pair	£240.45
9 R01SB0268	310mm Chord Wing End Plates - Pair	£179.00
10 R01SB0445	310mm Chord Dual Element End Plates - Pair	£208.95
	REAR WING MOUNTS (UNIVERSAL)	
11 R01SB0508	Universal Swept Wing Mounts Black - Each	£166.95
12 R01SB0264	Universal Straight 12mm Support Mount Black - Each	£114.45
13 R01SB0624	Wing Mount Angle Spacer (0 \sim +16 AoA) - Each	£109.00
3	4	

8

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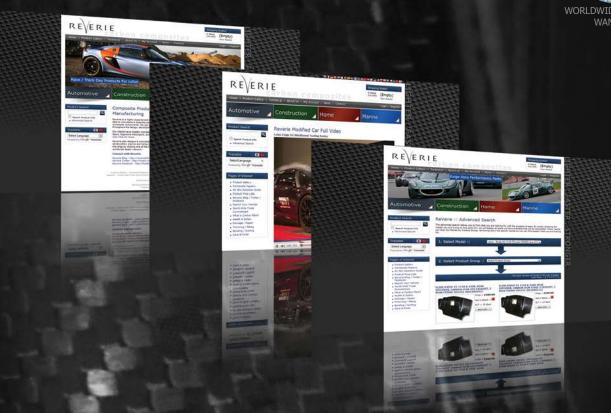












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AUTHORISED DEALER STAMP

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