ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

ELISE S2 ADJUSTABLE REAR WING FITTING GUIDE

INTRODUCTION

The ReVerie Lotus S2 adjustable rear wing has been specifically designed for fitment to the Lotus Elise S2, the wings profile is the work of a professional aerodynamicist active in the leading edge of motorsport whose target was to develop a rear wing offering improved down force, minimal drag whilst aesthetically complementing the form of the Elise S2.
The wing is hollow in section and constructed from fully autoclaved pre-preg Carbon Fibre. The Carbon/Aluminium wing support posts have been developed to allow adjustment to the wings angle of attack for increased rear end down force and potential aero balancing when required.

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

READ OUR FITTING INSTRUCTIONS CAREFULLY

ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

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 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.

LOTUS DISCLAIMER

Although ReVerie Limited supply parts for use with/on vehicles manufactured by Lotus Cars Limited, ReVerie Limited is in no way connected to Lotus Cars Limited or any other member of the Lotus Group of companies ("Lotus") and is entirely independent of Lotus. Accordingly, none of the products offered for sale or supplied by ReVerie Limited (nor any advice or service offered or provided by ReVerie Limited) are in any way endorsed by Lotus and Lotus has not tested or approved any such products or services. Accordingly, Lotus shall not under any circumstances be liable for any loss, claim, damages or any consequential, indirect or special damages whatsoever arising out of or in connection with the use of products sold or supplied by ReVerie."

ELISE S2 ADJUSTABLE REAR WING KIT CONTENTS

CLAMSHELL SCALE WING FEET DRILL JIG PAPER PLOT
1 X CARBON REAR WING
4 X M5 MALE ROSE JOINTS
4 X M5 S/Steel Nuts to lock rose joint height
2 X CARBON/ALU POSTS LONG (Front)
2 X CARBON/ALU POSTS SHORT (Rear)
2 X CARBON/ALU FEET Assembly
2 X 1mm Thick Cut & Hole stamped Rubber Feet
2 X CAST ALUMINIUM PRESSURE PADS
4 X BOLTS M6 X 50mm BZP
4 X WASHERS PENNY M6
4 X BOLTS M5 X 20mm button head s/steel
4 X NUTS STD S/Steel M5
4 X NUTS NYLOCK M5
8 X WASHERS SMALL S/Steel M5

Registered Office: Unit 5, 121 London Road, Marks Tey, Colchester, Essex, CO6 1EB, UK
Registered in England No.3987987, Director: Simon J. Farren

ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

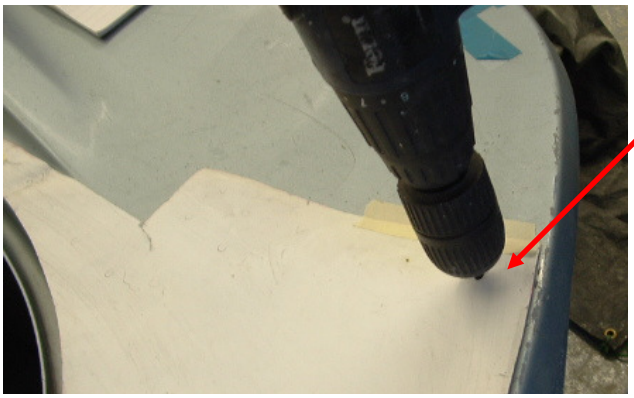
Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

FITTING INSTRUCTIONS

A

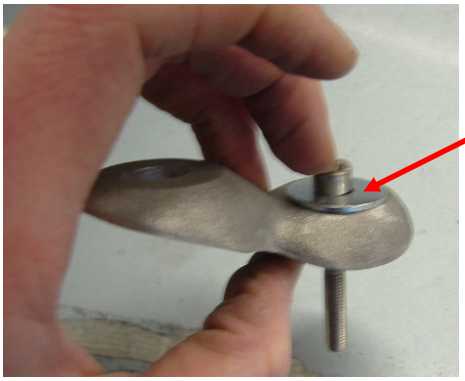
TAPE IN PLACE ON THE REAR CLAM THE PROVIDED DRILLING TEMPLATE

B



WITH A SMALL DRILL BIT (2-4mm IS IDEAL) PILOT DRILL THE FOUR MOUNTING HOLES INDICATED ON THE TEMPLATE, THEN REMOVE THE TEMPLATE AND DRILL THE HOLES OUT TO 10mm

C



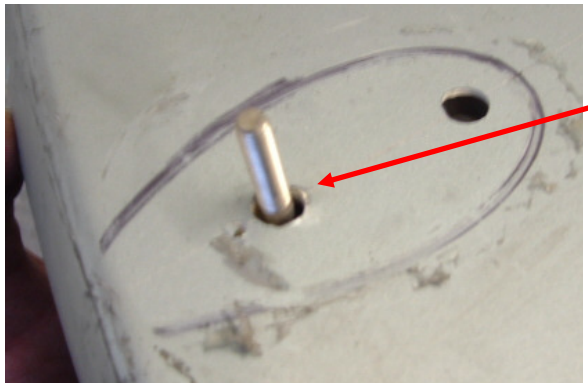
PLACE A M6X50mm BOLT AND M6 PENNY WASHER INTO THE REAR HOLE OF THE ALUMINIUM PRESSURE PAD (LH SHOWN, REPEAT FOR RH)

Registered Office: Unit 5, 121 London Road, Marks Tey, Colchester, Essex, CO6 1EB, UK
Registered in England No.3987987, Director: Simon J. Farren

ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

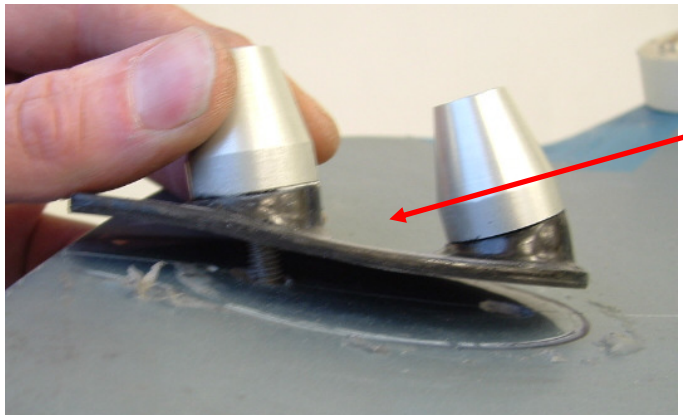
Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

D



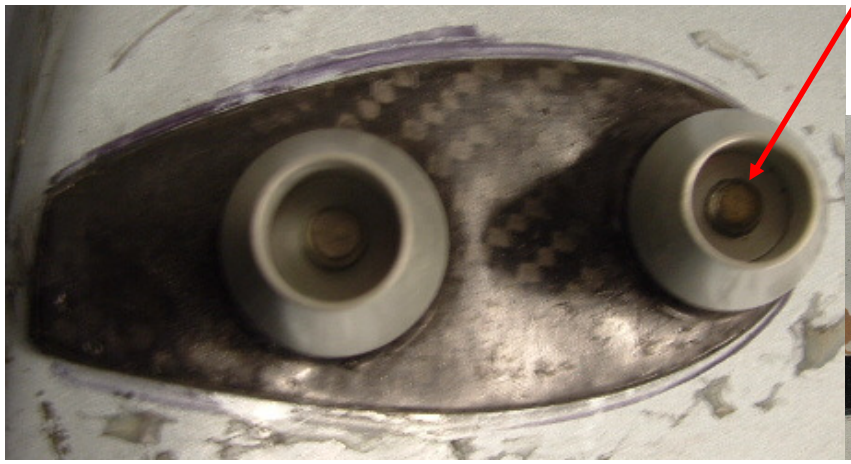
POSITION THE PRESSURE PAD INSIDE THE REAR CLAM WITH THE M6 BOLT PROTRUDING THROUGH THE REAR MOST HOLE

E



PLACE THE CARBON/ALU FOOT ON TO THE CLAM AND TIGHTEN BY HAND THE M6 BOLT INTO THE FOOT

F



INSERT A BOLT IN TO THE FRONT THREAD, AND TIGHTEN ALL BOLTS (LH SHOWN REPEAT FOR RH)

Registered Office: Unit 5, 121 London Road, Marks Tey, Colchester, Essex, CO6 1EB, UK
Registered in England No.3987987, Director: Simon J. Farren

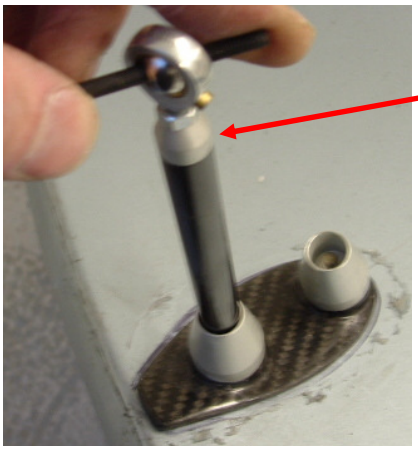
ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

G

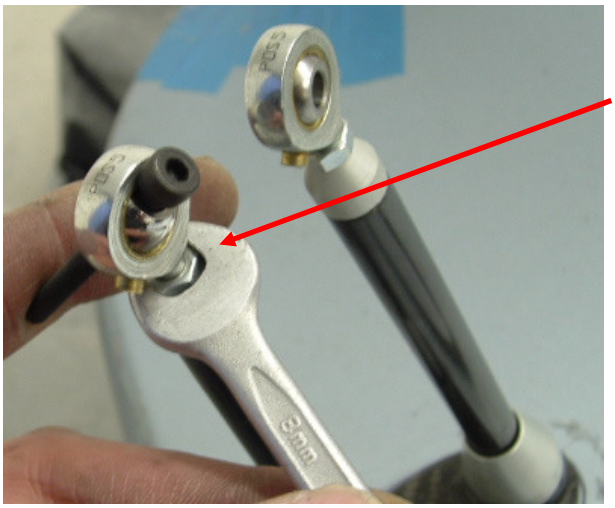
THREAD AN M5 STD NUT ONTO THE ROSE JOINT, THEN THREAD THE ROSE JOINT INTO THE CONICAL END OF THE CARBON/ALU POST AS FAR AS YOU CAN (REPEAT FOR ALL POSTS)

H



THREAD THE SHORT POST COMPLETELY ONTO THE M6 BOLT THAT PROTRUDES THROUGH THE REAR OF THE FOOT, THEN DO THE SAME WITH THE LONG POST AT THE FRONT OF THE FOOT (LH SHOWN REPEAT FOR RH)

I



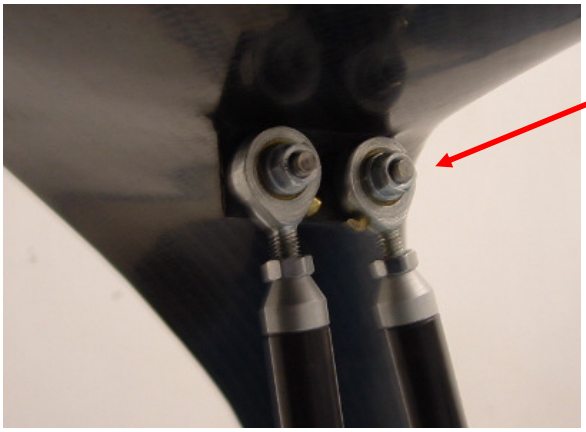
WHILST HOLDING THE POST SLACKEN OFF THE M5 ROSE JOINT AND BOLT, AND ALIGN THE ROSE JOINT LONGITUDINALLY. THEN FROM THIS POINT UNWIND THE ROSE JOINT 6 FULL TURNS AND LOCK THE NUT DOWN TO THE POST (REPEAT OR ALL POSTS)

Registered Office: Unit 5, 121 London Road, Marks Tey, Colchester, Essex, CO6 1EB, UK
Registered in England No.3987987, Director: Simon J. Farren

ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

J



YOU CAN NOW SIMPLY ATTACH THE WING TO THE POSTS WITH THE PROVIDED M5 BOLTS, WASHERS AND NYLOCK NUTS

K

WITH THE VEHICLE ON A FLAT SURFACE AND THE RIDE HEIGHT EQUAL ALL-ROUND, THE WING WILL HAVE AN ANGLE OF ATTACK OF APPROXIMATELY 8.5° (MEASURED OF THE WING'S TOP SURFACE)

L

THE WING'S ANGLE OF ATTACK CAN SIMPLY BE ALTERED BY WINDING THE REAR ROSE JOINT IN OR OUT. A HALF TURN OF THE REAR ROSE JOINT IS APPROXIMATELY EQUAL TO 1° CHANGE IN THE WINGS ANGLE OF ATTACK

Registered Office: Unit 5, 121 London Road, Marks Tey, Colchester, Essex, CO6 1EB, UK
Registered in England No.3987987, Director: Simon J. Farren

ReVerie Ltd
Unit 2, Chandlers Row
Port Lane
Colchester
Essex, CO1 2HG

Tel: 01206 866663
02081 235997
Fax: 01206 868144
E-mail: sales@reverie.ltd.uk
Skype: Reverie_Composites

Fitting Kit Contents Shown:

Registered Office: Unit 5, 121 London Road, Marks Tey, Colchester, Essex, CO6 1EB, UK
Registered in England No.3987987, Director: Simon J. Farren