

## 19.1 Front Cycle wings

### What you need:

Front cycle wingsx 2.

**Fig 19b**



4 x m8 bolts.  
4 x m8 lock nuts.  
Drill.  
8.mm drill bit.  
3.2 mm bit  
Round file.  
Masking Tape.

The cycle wings cannot be fitted correctly until the camber has been set  
Firstly the car must be lowered onto its wheels off the axle stands.fig19d



Fig 19c



Fig 19d

**N.B.** Ensure that the cycle wings do not interfere with the headlamp brackets, when the steering wheel is turned lock to lock.(the headlamps can have a small spacer fitted if required).Also the brackets can be bent slightly to “even” the gap around the tyre and “square” up the cycle wing to tyre.

Position the wings on the brackets - use a piece of masking tape to mark position on wing. Shield the tyre with either a piece of wood or metal(between tyre and bracket) and Drill through the tape and into the brackets using a 3.2 mm drill bit first.

Hold the wings again up to position for final check. IF OK --

- Drill holes through the brackets using m8 bit

**N.B.** Remember to take all the precautions necessary when modifying the bodywork as described in section 7.

- Secure the wings to the brackets with the nuts and bolts.
- A standard 8 mm bolt is fitted from inside (tyre side) with the nut on out side of the wing and a plastic cap used.

- A small piece of rubber is fitted between bracket and wing(Old rubber inertube is fine).Fig 19b

R6 rear wings Fig 19f



## 19.5 Rear Wings

**N.B.** Remember to take all necessary precautions and to follow the procedure previously described, in section 7.

### Fitting the wings

#### What you need:

- Rear wings
- Drill.
- 8.mm drill bit.
- Masking tape.
- M8 x 40mm bolts.
- large M8 washers.
- nyloc M8 nuts.
- Tape measure.

**N.B.** Remember when drilling through glass fibre to use masking tape to protect the coating.

- Offer the wing up to the body, ensuring you have it the correct way round.
- Using a tape measure, measure the distance from the center of the wheel to the inside of the arch/wing for the front and rear of the wing, thus ensuring the wing is centrally positioned about the wheel as best possible also ensure that the wing sits flush at its base with the body panel.
- Mark on the wing with tape where to drill the first hole on the inside of the wing flange so that it passes through both wing/body and chassis bracket.
- Remove wing and drill hole using 8.mm drill bit through the wing flange.
- hold the wing in the same position(central) and mark where the first hole needs to be drilled in the body/ bracket to hold the wing in the correct position.
- Remove wing and drill hole through body/bracket using the 8.mm drill bit.

- Replace wing and hang in place with the one bolt ensuring that it sits in correct central position- mark all holes to be drilled
- Remove wing and drill another six holes spaced around the edge of the wing using the 8.mm drill bit.
- Place wing into position using first bolt and mark where holes need to be drilled into the body panel for all other holes.
- Remove wing and drill holes through the body panel using the 8.mm drill bit.
- Replace wing and secure into position using the M8 bolts with the nuts inside the chassis(use larger washers on inside of wing.)

Figure 19.51 and 19.71 shows the rear wings fitted to super six

Fig 19.51



## 19.6 Stone Guards

### What you need:

- Stone guards x 2.
- Drill.
- 3.2mm drill bit.
- Masking tape.
- Self tappers or rivets
- Rivet gun.
- Rubber edging.

The stone guards sit as shown in figure 19.51

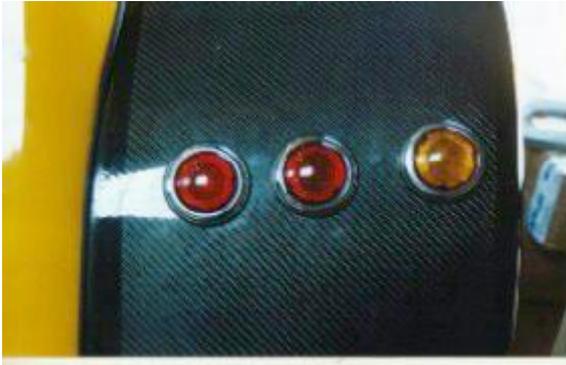
- Offer the stone guard up to the rear wing into its required position and drill holes into the four corners.
- Hold with four self tappers—drill equally space holes around the stone guard - either hold guard with self tappers or alternately pop rivets.
- Repeat for second stone guard.

## 19.7 Rear Lights

### What you need:

- Rear lights.

Mounting block.(if using Square type) Left Hand pic Fig19g under fig19h  
M6 x 70mm bolts.  
M6 nyloc nuts.



Small Black piping.  
Drill.

Fig 19.71



6.mm drill bit.  
Masking tape.  
File.

The mounting blocks will need sanding to slight curve of wing.

#### CHECK SVA REQUIREMENTS ON LIGHTING

- Separate the lens from the back plate of the rear lights.
- Place the rear light back plate onto the mounting blocks and mark where holes need to be drilled through the blocks.
- Drill through the blocks using the 6.mm drill bit.
- Place the mounting blocks into position on the wings. Ensuring they are both at the same height and position on the wings.
- Mark where the holes need to be drilled into the wings..
- Remove block and drill holes using 6.mm drill bit taking necessary precautions.
- Replace blocks and lights loosely fixing them to the wings using the M6 bolts.

- Between the light block and wing a strip of black piping should be run and then the bolts should be tightened and the lights secured into place. As in figure



19.71.

- Round lights are shown in fig 19g (spacers also available for round lights)
- Number plate light fixing (small alloy piece shaped to lamp rear) fig 19h
- Rear fog lamp position is shown in fig 19j

**Rear fog lamp position (upright rear lens) sva fig 19j**

**The red part of the rear fog lamp lens must be in 90 degree angle to road surface you can either fit spacer inside top of rear lamp or make a bracket for holding lower off the rear panel.**