

## 75 AND ZT CLUB TECHNICAL INFORMATION DOCUMENT

**Model:** Rover 75 / MG ZT Saloons

**Ref:** TID-015

**Derivative:** All Saloon Derivatives

**Date:** 10/05/2006

**Title:** Retrofitting an Electric Rear Sunblind

**Description:** This document is intended as a guide to retrofitting an electric rear sunblind to Rover 75 and MG ZT Saloon derivatives only.

**Action required:** Please see detail below.

**Detail:**

Retrofitting an Electric Rear Blind to a Rover 75 / MG ZT

Tools Required.

A broad, flat-head, screwdriver

T45 Torx

Torch

Dremel Tool

Sharp craft knife.

The Electric blind is fixed to the underside of the rear parcel shelf and is an integral part of the rear trim once it is fitted. If you get a rear blind from a salvage company the blind will most probably be supplied attached. This means you will have to remove the whole of your current parcel shelf.

The procedure for this task, with photographs for visual reference, is below.

Here is the underside of the parcel shelf, showing the motor mechanism.



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The switch is the green and black unit in the middle. Towards the bottom you may also notice the underside of the Harmon Kardon Bass port. This is part of an additional option and may not always be present.

To remove the rear parcel shelf it is necessary to remove quite a number of fixtures from the rear seat area of the car. First the rear seat floor needs to be removed, including the side bolsters. The rear squab will lift at the front and then you have reach to the back and pull backwards slightly. Then you will need either a T42 or T45 to undo the middle seat belt from the floor of the car The bolster will most likely pull away with a little persuasion, just put your hand down the back of them and prize away from the body.

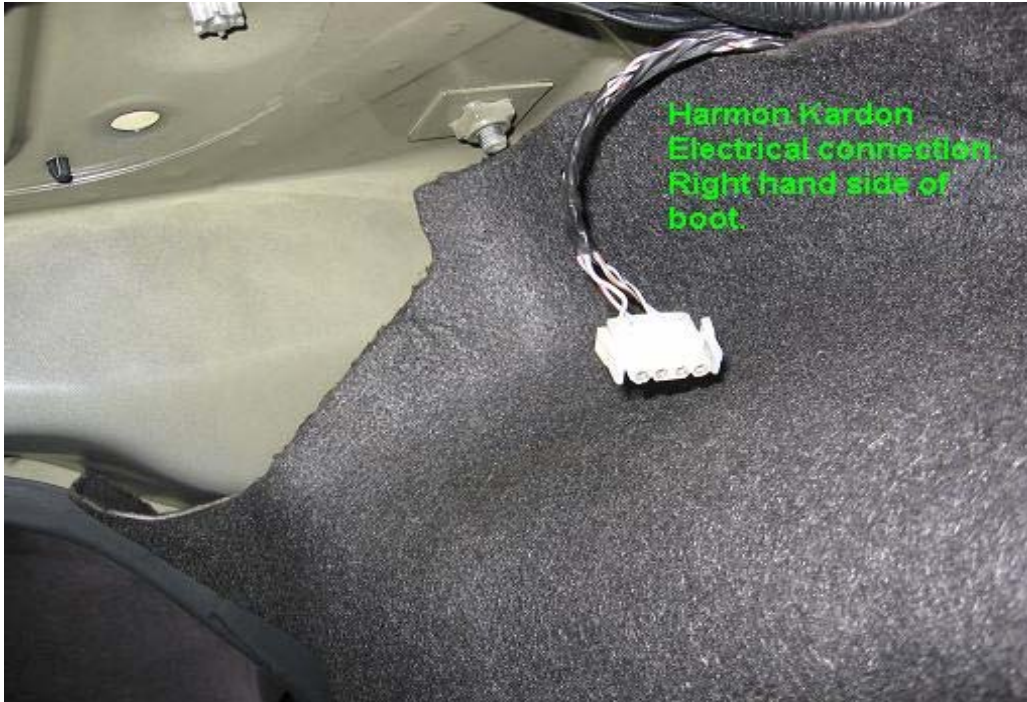
When the rear seats are tilted forward, you will see 2 plastic back plates that need to be removed. See picture 2 below;



If you have the Harmon Kardon Stereo option, you will have to remove the rear Bass box. This is fixed with 4 screws and an electrical connection. Pictures 3 and 4 below;

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Although you can remove the shelf without touching the C-pillar trim, these will have to be removed when replacing the item as the blind stiffens the piece and prevents it from bending. You can see in the picture below that they are held in place by 3 or 4 fixings. The cover is quite rigid and you can just pry it way starting at the rear window face. Remove from both sides. The side seat belts and their plastic guides will just slide out sideways from the parcel shelf card.

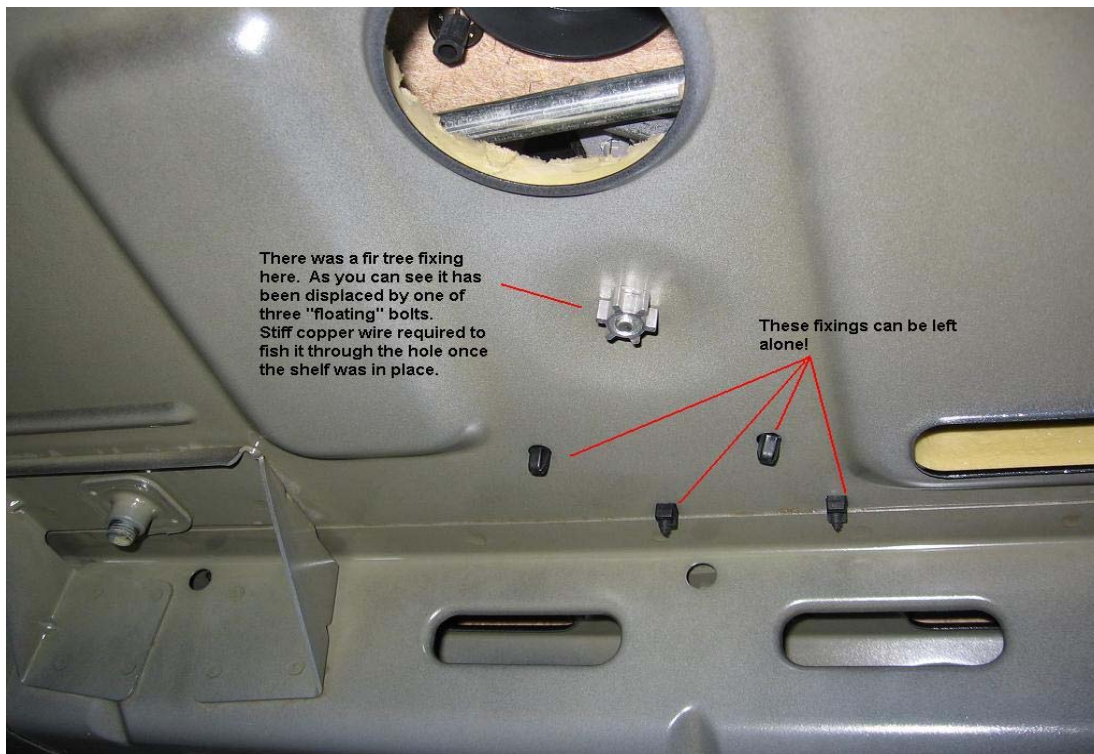
Picture 5 below;



The fixings you removed from the plastic back plates (picture 2) are not all that is holding the parcel shelf in place. Look at the underside of the rear shelf in the boot, (having removed the Harmon Kardon bass unit if fitted), you will see the pointy end of a fir tree fixing, dead centre. This can be crushed with mole grips and twisted off. The new shelf with the rear blind will use a metal screw fixing in its place. See picture 6 below;

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Once this fir tree fixing is dealt with, the shelf will just come out with a bit of a tug, it will bend a little too, aiding you in missing wires and things. The rear edge that meets the rear windscreen is held in place by keyhole wedges, you will see these on the new one if you already have it. No fear of breaking anything...

This next picture shows that the wiring loom to the motor plugged in and the seatbelt fed through the centre hole. Picture 7 below;

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now the new shelf is ready to be fitted. Patience is important here, in order to miss any wires and be firm with placing it correctly. Getting the blind mechanism over the seat belt reels is quite snug...Picture 8 below;



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Assembly is pretty much the reverse of the above. Of course you may wish to leave all the fixings until you have the switch fitted, just to be sure it is all in working order

The narrow fascia plate immediately above the power socket is the correct siting for the switch. Depending on the options fitted to your vehicle you may be able to find a replacement and fit it. Prize the fascia plate from the centre console with one finger under it, from the opened power socket flap and the working to one edge. Once removed, you will see there is a space ready made for your new switch. If you want more space to work in you can remove the climate control fascia by prying it away with your fingertips. Picture 9 below;



One part removed reveals how the next part is secured. Picture 10 below;



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If you cannot find a correct replacement facia panel the alternative is to modify your existing one. For this you will need a Dremel hobby drill.

To get the right shape and size, use one of the other holes as a stencil and drew on the flap of an envelope. This meant that when it is cut out, it can be stuck in place and mark around the edges with a point knife. Then remove the paper and get to work with a drill bit, removing the centre mass, leaving the delicate work of shaping and sizing outwards. Once you reach the indent made with the knife, use the actual button and the other holes to guide the shaping until the button would operate without fouling the edges. In all it took me about 2 hours to make 1 hole.

Picture 11 below;



From this rough work above, to the finished article below. Picture 12 below;



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## 75 AND ZT CLUB TECHNICAL INFORMATION DOCUMENT

My new Electric Rear Blind!!!



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