



RANGE ROVER L322

ACCESSORIES



Part one – Remove the old lights

Step 1 – Open the upper tailgate and lower the rear tailgate to expose the rear light fixing screws – see picture to the right.

Step 2 – Remove the 2 fixing bolts using a 10mm socket.

Step 3 – With the screws removed the only thing holding in the rear lights are two push fit mountings at the back of the lights. The best way to remove these is to gently lever with a screwdriver as shown in the picture below. There are 2 cut outs in the light lens rear edge and this is best location to insert the screwdriver.

Be careful not to mark the paint or crack the lens. If the bottom fitting is tight try the top fitting etc.

Step 4 – Pull the rear light forward enough to unplug the rear connector from the light. To unplug the connector you will need to squeeze the two latches at the ends of the connector together.

Step 5 – Remove the rear light.

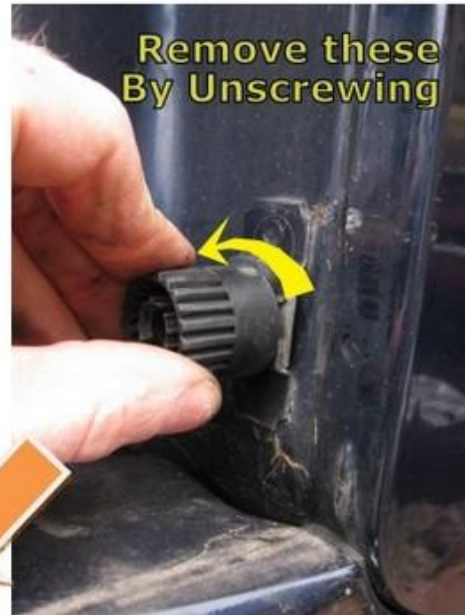


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Part Two – Changing the Rear Mounting points.

The 2010 rear lights have the same mounting points at the rear edge next to the tailgate closing area but the front edge fittings are different. This section explains how to change the front fittings.

Step 1 – Unscrew the plastic location “cylinder” from the upper and lower mounts.



Step 2 – Using a screwdriver prise the bracket away from the panel. These brackets are thin and usually they come away with minimal force often leaving the spot weld behind. Do this for the upper and lower panels.



Step 3 – Use a grinder to make good the area where the brackets have been removed and use a touch up paint of the correct colour to paint the area.



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Step 4 – place masking tape down the edge where the new clips are to be fitted.



Step 5 – Offer up the new light and when in position push hard so that the studs on the new lights mark the tape. Use a centre punch to mark the centre of where the new holes are to be drilled



Step 6 – Use a 7mm drill to make the required holes to take the plastic inserts.

Step 7 – Use a hammer to push the insert into place



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Part 3 – Wiring

The lights can be plugged in as the socket is the same. On some '2007 on' cars the lights will work fine but on the earlier cars there are several problems :-

- Indicator Lights Flash too fast
- When you have the rear lights on the fog lamps will flicker
- Warning messages come up on the dash to check your bulbs



The table below shows the wiring connections on the L322 rear lights.

LEFT (N/S)				RIGHT (O/S)			
Pin	colour	Function	Voltage	Pin	colour	Function	Voltage
1	Blue & Green	Indicator LH	12v	1	Blue & Brown	Indicator RH	12v
2	Black & Blue	Brake	12v	2	Black & Blue	Brake	12v
3	Yellow & Black	Fog	12v	3	Yellow & Black	Fog	12v
4	Purple & Pink	Tail	12v	4	Grey + White	Tail	12v
5	Brown	Earth	0v	5	Brown	Earth	0v

- To solve the flasher speed problem you need connect a high power resistor between the indicator wire and the earth wire.
- To solve the fog lamp flicker you need to cut the Fog light wire and fit a special Diode into the circuit.
- The only remaining problem is the check bulb message for the rear tail lights. This can also be fixed by putting a resistor between the tail light wire and the earth wire.

Types of Lamp

When buying 2010 rear lights please note there are 2 types of lights – there should be a sticker on the top of the lamp clarifying which type of lamp you have.

NAS type – these are for North America and have a red illumination on the side reflector
 ROW type – these are for the “Rest of the World” and do not have the illuminated side reflector.