

Instructions for fitting Twinlight AU lights, all models

ALWAYS TRIAL FIT COVERS BEFORE PAINTING

REMOVING GRILLE AND STANDARD LIGHTS

1: Remove the 4 plastic clips along the top of the grille (see Fig.1 A) by gently unscrewing centre of the clip while levering lip with small screwdriver at point C in Fig. 3.

Once top clips are removed bend grill out and release the two spring loaded tabs by pushing them down (see Fig.1 & 2 B) and pull grille forward.

2: On series "1" Falcons, remove the 4 bolts securing headlight (see Fig.4), the lower bolt is not visible, it's a real treat. These bolts are also used to mount the new lights.

3: Once headlight is loose manipulate the light so that the lower edge comes out first (see Fig.5), once you get the light to this position it will hang up on the tip of the mud guard (see Fig.5 D). Now push the light down onto the bumper bar and towards the front of the car and it should release. Considerable force may be needed when pushing down, bar will flex without being damaged.

(slow and steady wins this race)

BE CAREFUL NOT TO BEND THE TIP OF GUARD!

4: On series "1" the wiring harness is connected to the light, there is a large grey electrical plug attached to the headlight on the inner edge, disconnect it as you remove the headlight.

NOTE! On series 2 and 3 models the wiring harness stays in position and you will need to disconnect the two headlight plugs, one has 3 wires and the other has 2 wires (see Fig.6), these plugs have a very tricky spring release on both sides, press these tabs in as far as you can to remove the connector. As the light comes out disconnect the indicator plug (see Fig.4 E)

5: **On series "1" Falcons only, steps 5 & 6;**

Once the headlight is out remove the wiring harness from the light, cut the brown and black wires for the park light flush with light body (see Fig.4 F), also cut the two wires at the indicator bulb holder.

6: Connect the two wires from the new park light using the supplied crimp connectors, black goes to black. Connect the two indicator wires to the red connectors on the new indicator harness using the supplied crimp connectors. (black to black) (see Fig.7)



Fig.1

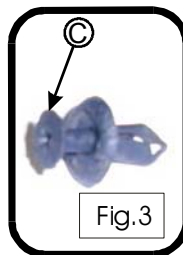


Fig.3

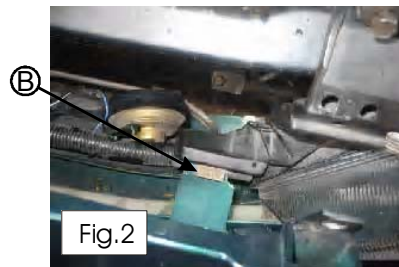


Fig.2

4 Mounting bolts



Fig.4



Fig.5

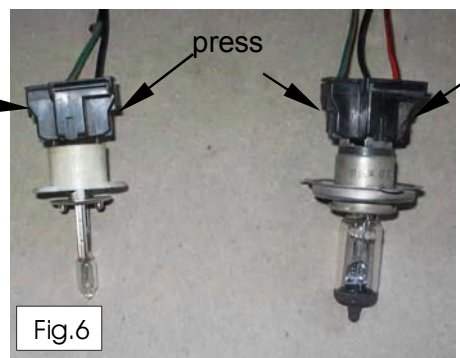


Fig.6

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These park light wires and socket are only required on series "1". Discard for series 2 & 3

On series 2 and 3 this white plug connects directly to the indicator socket

These red connectors on indicator plug are only required on series 1. Discard for series 2 & 3

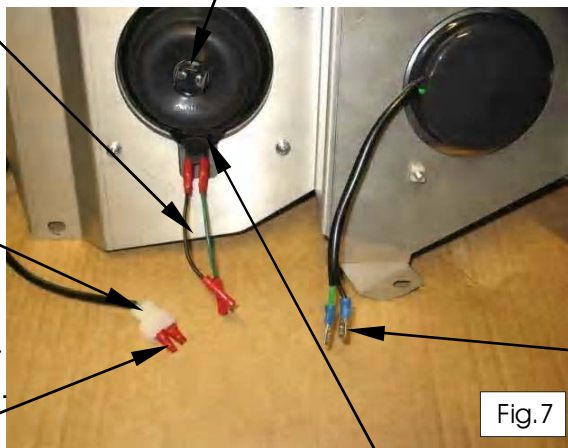


Fig.7

Plug these 2 wires into the 2 pin high beam connector. Black goes to black. (all models)

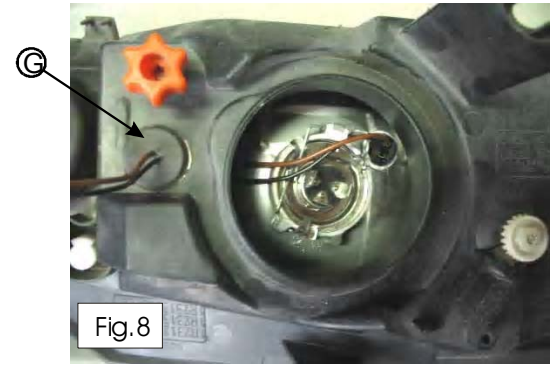
Discard this park light socket on series 2 and 3 But use the new bulb

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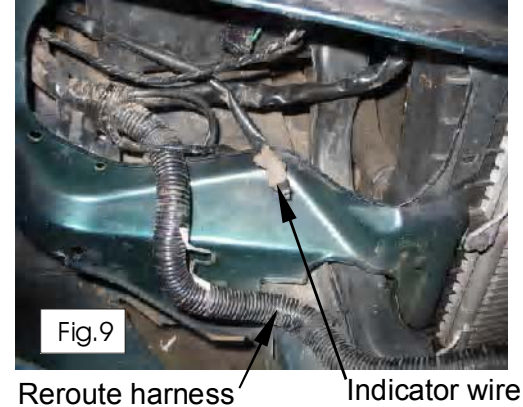
FITTING NEW LIGHTS

ALWAYS TRIAL FIT COVERS
BEFORE PAINTING

1: **On series 2 and 3**, remove the park light socket and wires from the old light by pulling out the grommet and feeding bulb socket through hole, (see Fig.8 G) this park light socket is used in the new light, replace the old bulb with the new one from the high/low beam unit and discard the park light socket

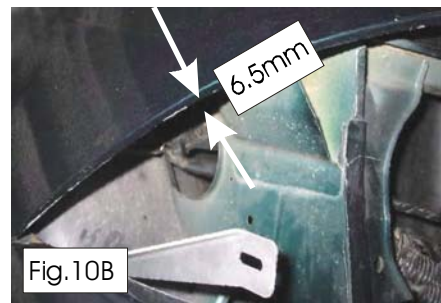


2: **On series 2 and 3**, Reroute the wiring harness in front of the battery as in Fig.9, this is necessary to clear the new light.

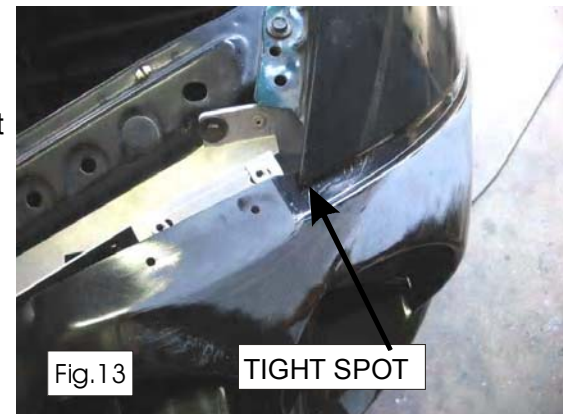
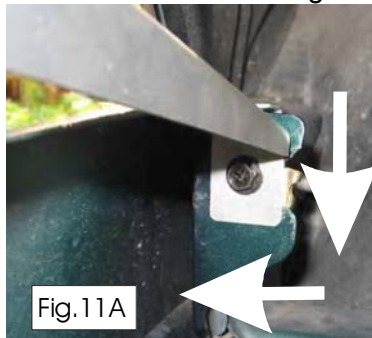


3: **On series 2 and 3**, reroute the indicator wires on both sides to the position shown in Fig.9 remove the new indicator wires and connect here.

4: Before fitting any brackets, trial fit the new fibreglass covers against the shape of the guard as per Fig. 10A and 10B, sometimes the lip in Fig. 10B is larger than 6.5mm and needs to be filed or ground to enable cover to be flush with guard



5: Fit end support brackets as per Fig. 11A and 11B, the aluminum bracket goes in front and the speed nut plate goes behind, push bracket down and out as far as it will go before tightening.



6: Fit main bracket assemblies and cross brace using the supplied screws and the 8 bolts from the old lights, leave all the screws loose until you have tried the front covers, adjusting brackets in or out affects how the covers sit against the mudguards, see Fig. 12 When the positions are correct tighten the bolts holding the brackets in place.

7: To aim the headlights the car must be on level ground, take a measurement from the floor to the centre of the light and place some marks on a vertical surface using the recorded measurements, the vertical surface should be about 3m away. Adjust the inner light on low beam, you will see a distinct horizontal line as the light shines on the vertical surface, with a phillips screw driver, adjust the light from behind. The outer light is adjusted on high beam using a 8mm open ended spanner, align the hot spot with the height mark on the vertical surface.



The front covers can be painted with all paint types. no special adhesion primers are required

7: Connect the indicator and fit front covers by wedging them between aluminum bracket and mudguard, this area can be tight, be careful not to bend the tip of the mudguard. see Fig.13.