



Factsheet updated 21 May 2009

Fitting the Bongo EngineSaver Low Coolant Alarm Kit

Please note that these kits have been made specifically for the Mazda Bongo Friendee and Ford Freda. The UK agent for this product is Haydn Callow, to whom all technical enquiries should be addressed. You can contact Haydn by email on haydn.callow@virgin.net or by phone on 01458-270230.

These instructions are offered to allow a straightforward installation. It is recommended as being easy. If the reader wants to do it any other way then do so.

If none of the terms used are familiar to you then take suitable advice. Use these instructions after you have studied the EngineSaver Installation Instructions supplied with the kit.

Remove the vehicle battery negative connection(s) before starting work. This includes any leisure or kitchen battery that is connected to the main vehicle system. The idea is that the vehicle should be isolated electrically before beginning work.

1.

Remove a switch blank and feed the LED up from under the lower steering wheel area. If a switch blank is not available use any available space on the instrument trim or any other place so that the module can be lowered behind or fed up behind the panel but try to allow room for the kit supplied label that goes around the LED. Try to use a position so that the LED is visible to the driver in the driving position. You will need a 6.5mm drill to make the hole for the LED.



Photo 2

2. Fit the LED warning light as above.
3. Connect the module pos wire Black/Red to a feed which becomes live when the ignition is switched on.....(rear of ciggy socket or back of fuse box is a good place to start) Check this with a voltmeter.
Connect the Black wire to earth
4. Remove the panel below the steering wheel (two screws). See photo 8 to see where the panel is located. The module, wiring will be located here to allow servicing
5. Wire the module up as per the EngineSaver instructions. Don't cable-tie anything yet.
6. Now fit the sensor screw as per the instructions into the expansion tank. Follow the instructions using the supplied template and drill. Note the comments about removing the second vehicle battery if fitted. The second vehicle battery is removed to allow access to the coolant expansion tank for drilling. Feed the sensor wire across the engine (avoiding hot pipes etc) and cable-tie to the existing electrical looms as required.



Photo 5 (NOTE :-

WITH THE LATEST SYSTEM THERE IS ONLY ONE SENSOR SCREW {THE TOP ONE})

The SENSOR wire (with a bullet connector) goes through the big rubber cover in the engine bulkhead. There may be a small piece of tubing attached where you can snip off the end and easily feed the wire through as shown below.

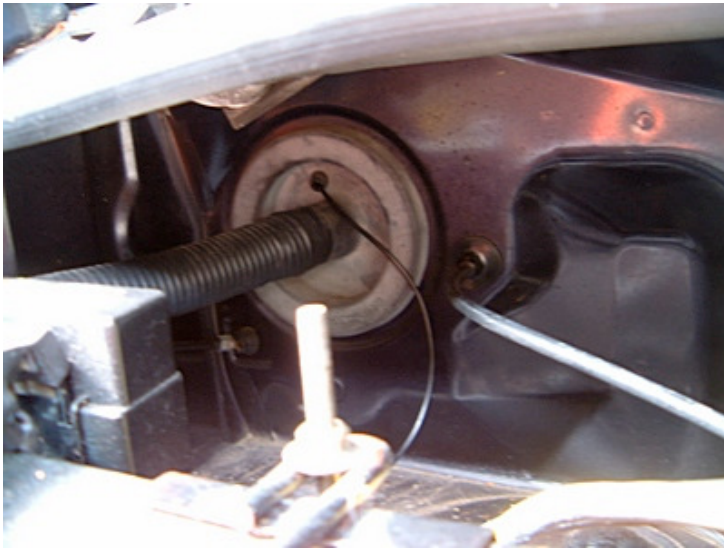


Photo 6

7. Pull the wire (the one with a male bullet connector attached) through the bulkhead rubber and feed it to the module located under the steering wheel. Connect this wire up to its female connector. Tie this wire well back from the throttle pedal assembly.

8. Now reconnect the vehicle battery or batteries.

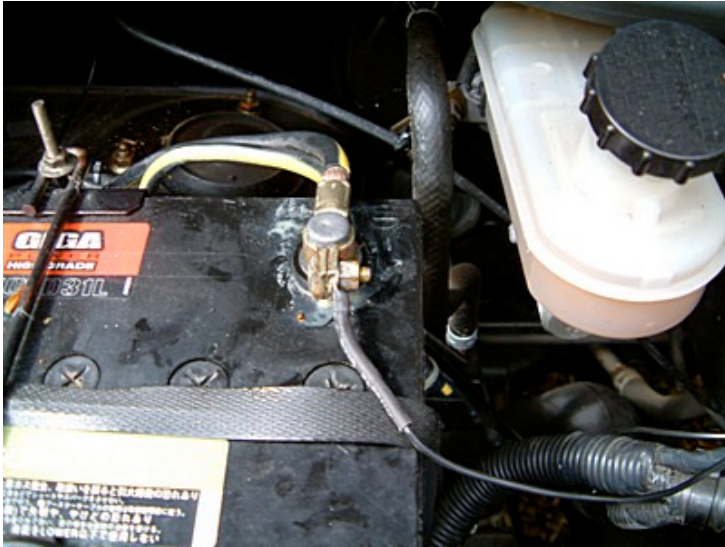


Photo 7

9. Sit inside the cab (close the door if you haven't disabled the Bongo "key left in" beep noise). Turn the ignition to ACC, the LED should flash once and a short beep will sound. Reach down and pull the probe bullet connector apart. This simulates a loss of coolant, the light comes on steady and the buzzer sounds. Check complete. Reconnect the bullet connector. Turn ignition off and cable tie the module assembly and inline fuse to the existing vehicle loom below the steering wheel. Close up the panel, using two screws.

There will be no loss of coolant except maybe a dribble from the drilling of the tank. Bleeding is not required.

Job done!



Photo 8

Bongo Fury welcomes members' contributions to our factsheet series. To report errors or omissions, or suggest updates to this factsheet or the series contact ian@bongofury.co.uk

© **Bongo Fury 2007**. For the sole use of members of Bongo Fury, the Mazda Campervan Owners Club. Not to be reproduced or passed on, in whole or in part, without permission. The Bongo Fury logo is protected by copyright.

Important legal disclaimer: the views expressed in this factsheet are those of the contributor(s) and do not constitute professional advice from Bongo Fury, the Mazda Campervan Owners Club. Bongo Fury cannot be held responsible for any vehicle damage, injury or financial cost, whether to yourself or others, incurred as a result of following the advice given in this factsheet. If in doubt contact a qualified professional or your local service centre.