

# HTC Prophet Speaker Problems

A summary by Mike Channon based on sources at [www.XDA-Developers.com](http://www.XDA-Developers.com)

Rear speaker problems are fairly common on this model, often characterised by only getting sound when using a hands-free kit.

However speaker problems can be caused by:

- (A)** A faulty speaker
- (B)** A faulty Jack Plug Socket

BOTH problems are fairly common.

## To decide which you have:

When making a call (NOT USING A HANDSFREE or HEADSET) can you hear the other person?

IF you can then your rear speaker is faulty. **(A)**

IF you cannot hear the other person then your phone has a faulty jack plug and has stuck the phone in hands free mode. **(B)**

## Dismantling Guides

[www.mikechannon.net](http://www.mikechannon.net)

## Possible solutions for **(A)**

If you have checked the speaker contacts are OK, then I suggest that a replacement speaker is the only reliable solution. Some forums suggest squeezing the speaker by placing paper or sponge against the speaker to ensure a good contact is made. I see this as a very temporary solution and has been reported to fail after a period of time.

It is reported that the speaker is the same or very similar to that used in the O2 Mini (and it's other brand names). This speaker can also be used but it has a longer cable and this needs to be tucked away where practicable inside the phone.

## Possible solutions for **(B)**

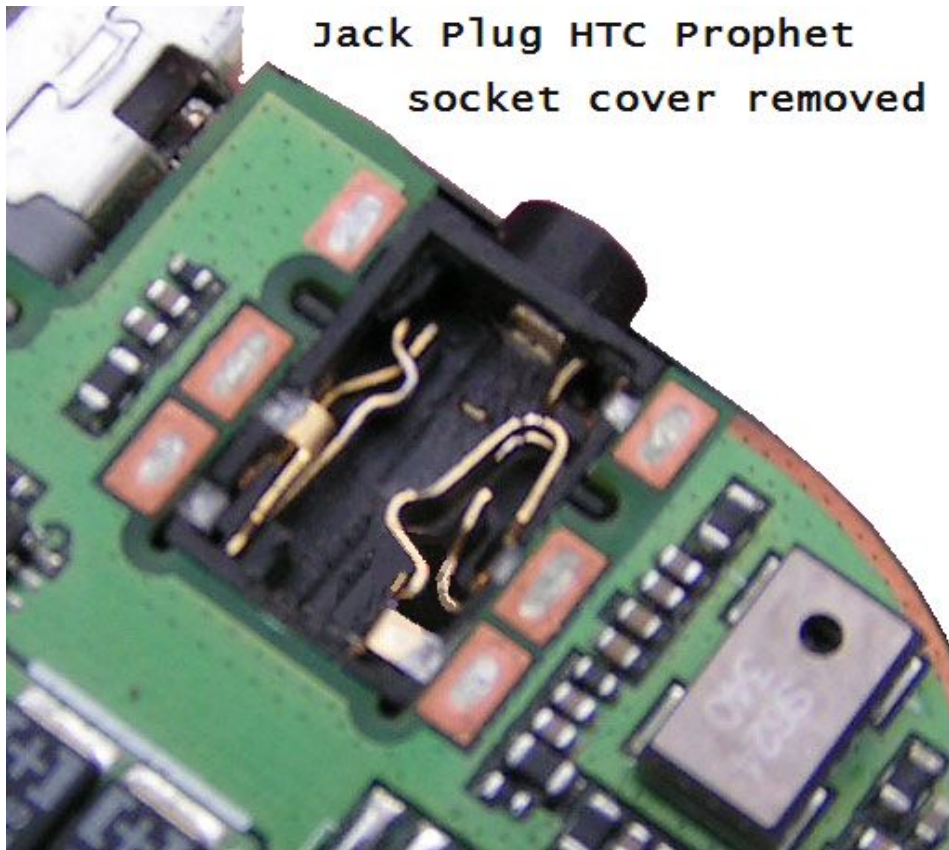
### With reference to the pictures below:

It is sometimes suggested that after removing the jack plug that the two sets of switched contacts do not spring back to their correct position for internal speaker use.

This is a correct explanation. It can be both sets of switched contacts that are at fault or just one of the switched contacts that is faulty.

### A partial solution with NO dismantling

Some people have found that by inserting a needle or toothpick into the right side of Jack Plug Socket, they are able to manipulate the internal contacts back into the correct position. This is a fiddly and not always reliable procedure but can work. This provides no permanent fix and you will likely need to repeat this after each use of headset or hands-free kit. To assist when "fiddling about" with the needle, it is a good idea to set a piece of music playing using say WM player, so that when you flick the correct part in the socket you will immediately hear the music start playing.



**The Jack Plug Socket, has a black plastic cover that you can prise off to reveal the above.**

#### **A more permanent solution**

Dismantle and remove the socket cover. Ensure the action of the switches at positions 1 & 2 and 3 & 4 is correct. By sliding a Jack Plug in and out you will observe that contacts 1 & 2 should touch together when the Jack is OUT as should contacts 3 & 4. If they do not then bend as necessary to re-establish normal operation of the switches.

#### **A permanent solution BUT!**

You can solder jumpers across 1 & 2 and 3 & 4 this will act as a permanent solution, BUT you will lose normal hands-free and headphone operation. In other words the internal speaker will continue to work, even when the headphones are plugged in!

#### **Final Solution**

Replace the jack plug. It is relatively easy to de-solder this socket and replace it.

