2003 Sport Trac Steering Column Wiring Repair

Notes and background:

- I discovered that I had a rear (passenger side) signal light out when I heard the fast 'clicking' of the blinker.
- This was later confirmed by the beeping of people behind me when I turned.
- After the normal changes of bulbs and cleaning the socket, I noticed that this was an intermittent condition.
- After consulting this forum, I was directed to the tilt steering column wires as the culprit.
- I removed the lower dash panels and the top and bottom cowl on the steering column to and began this repair.

The wires and connector in question are shown here

Top of column

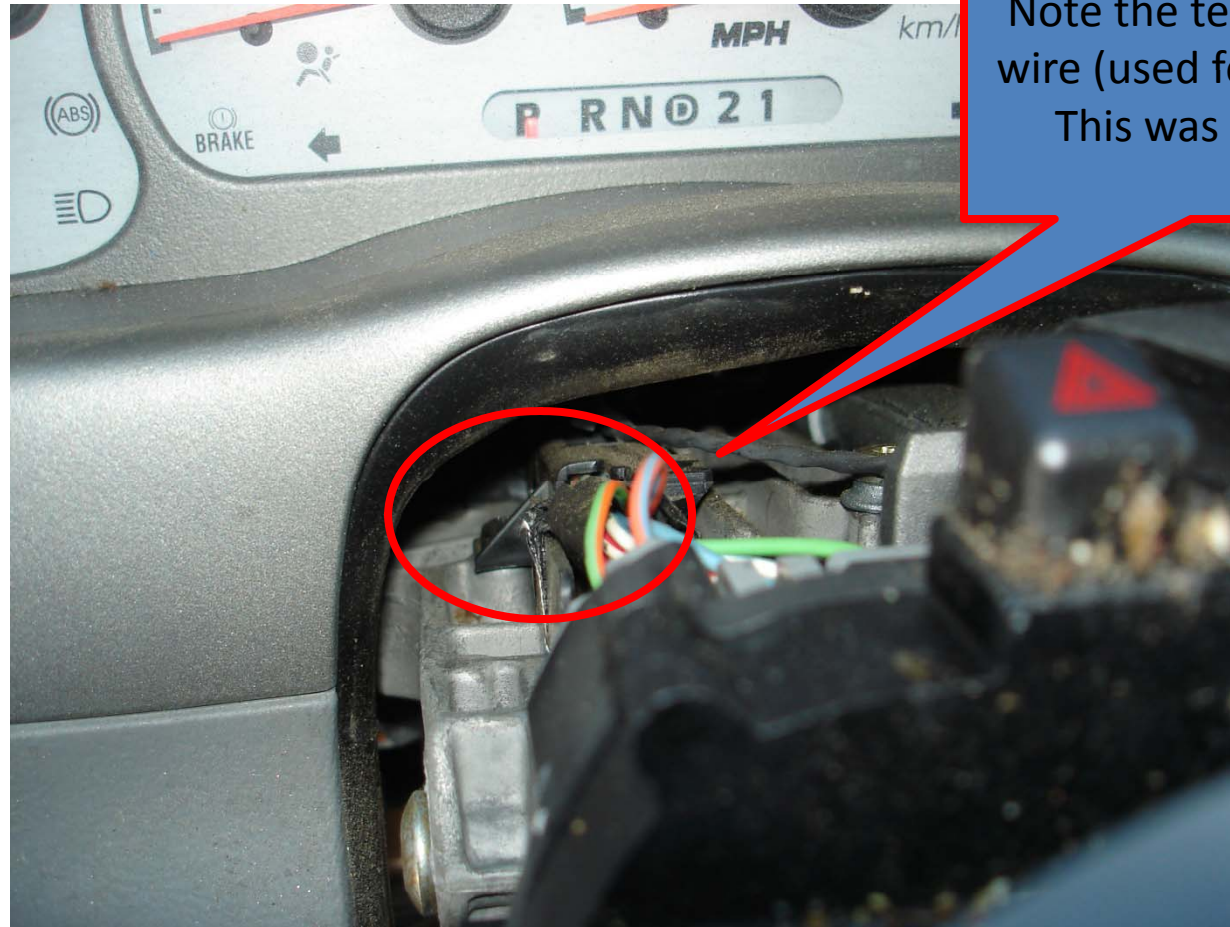# This wire bundle runs down the column and connects below as shown
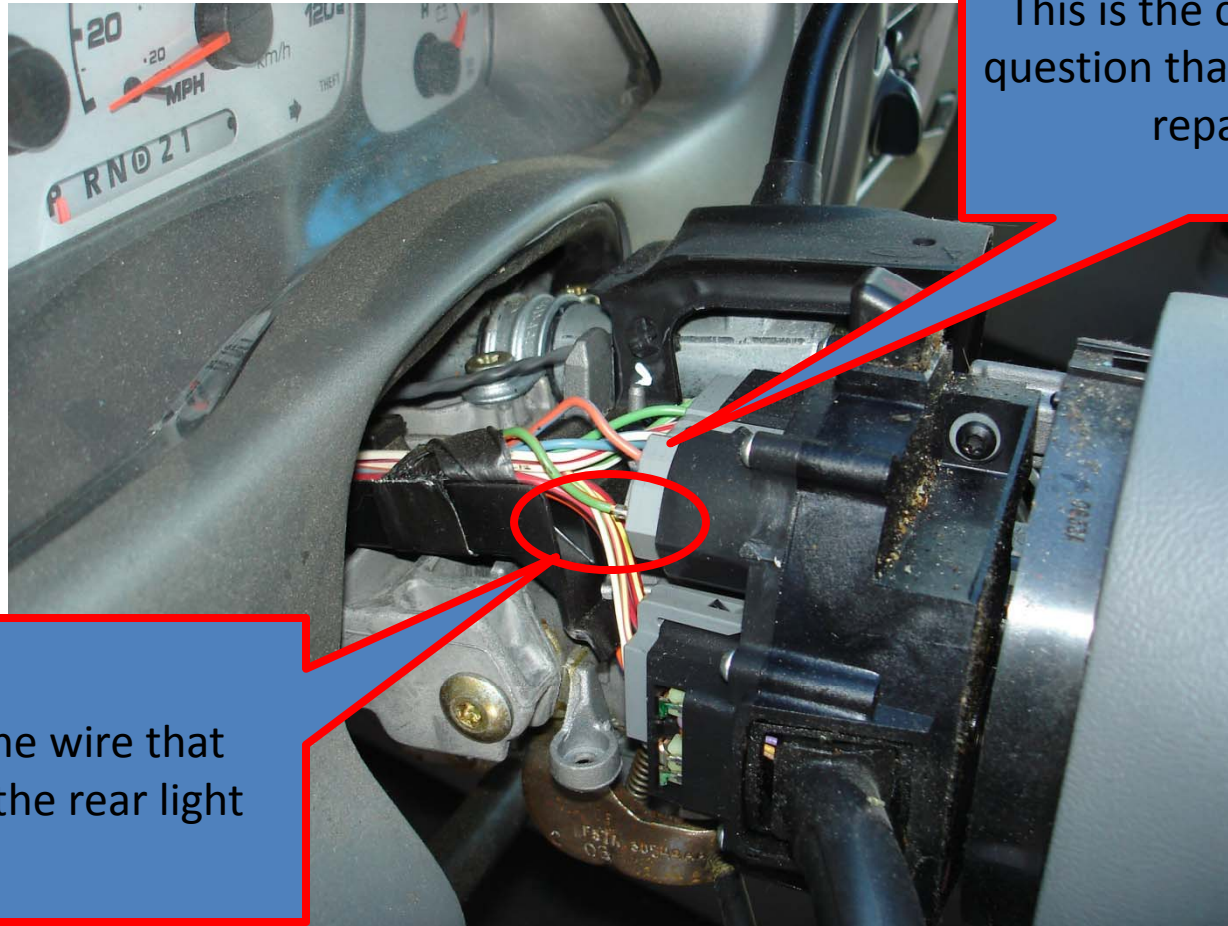

Top of column to under dash cable

The wire

Note one of the tape attachment points circled

Wire runs down along the top of the column

Note the tension in this wire (used for anti-theft. This was corrected

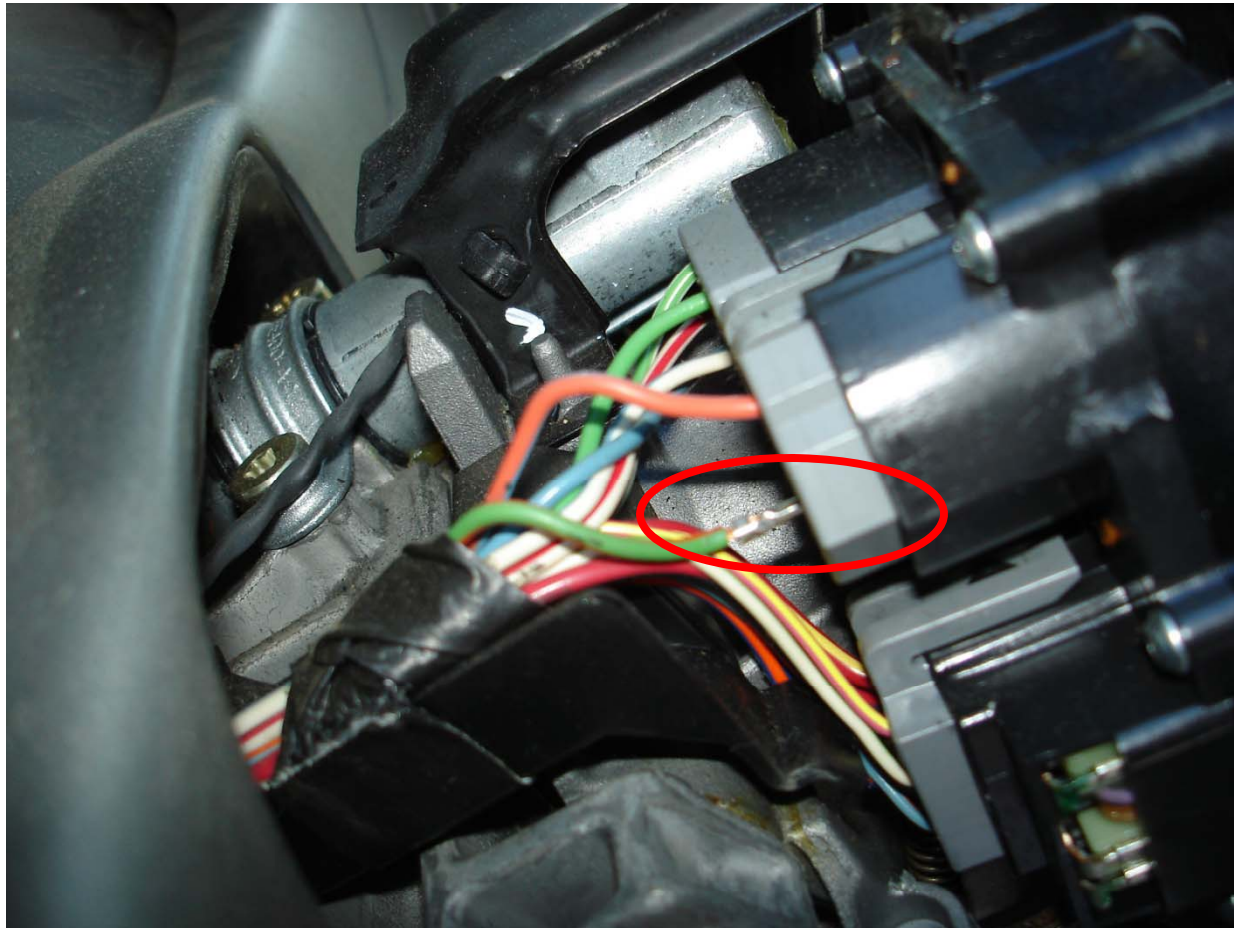Note tape attachment point - circled

Column wiring details

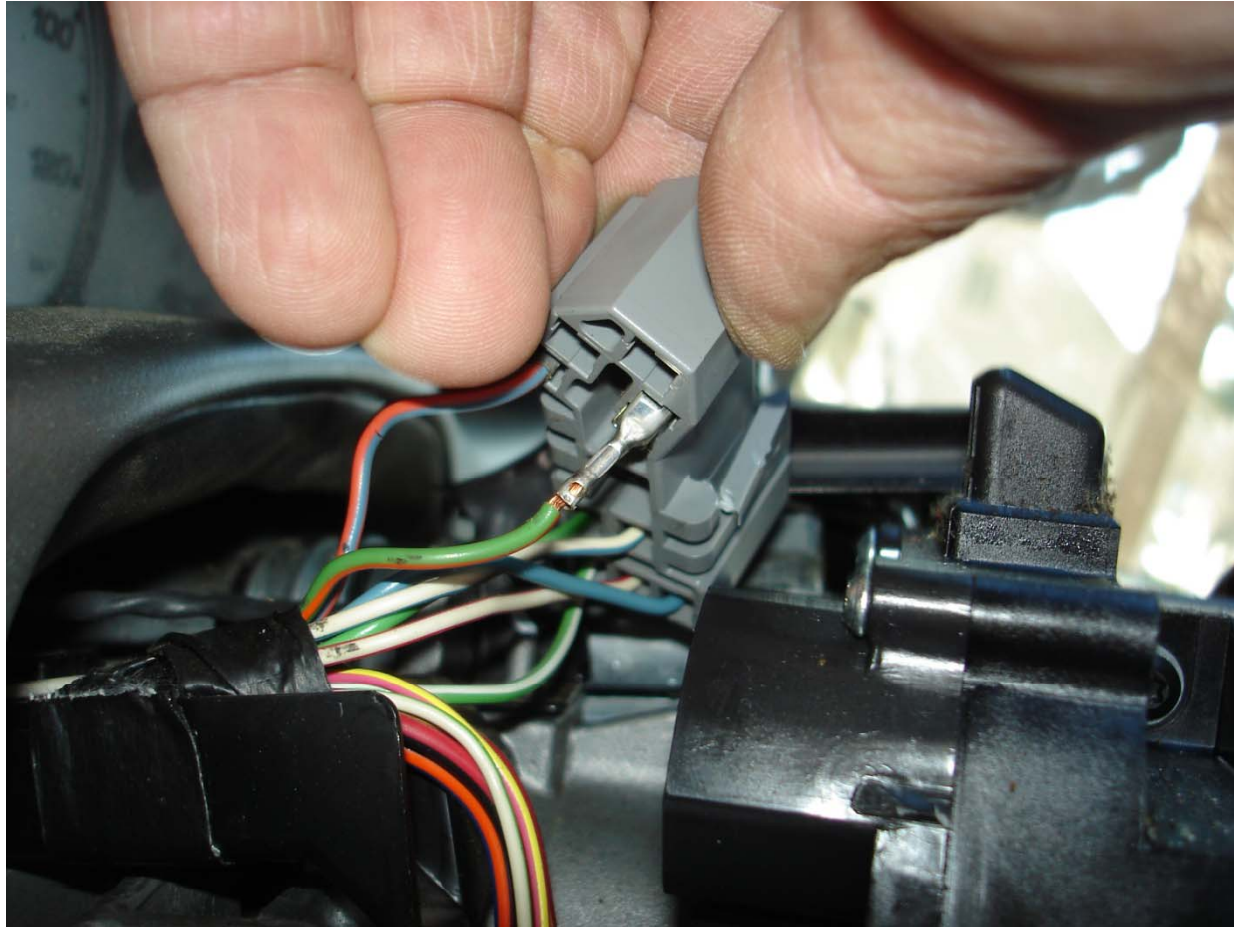This is the connector in question that needs to be repaired

This is the wire that controls the rear light

More details on the problem

Problem contact circled

Releasing the two tabs shows the connector

Note this info from thread:

re: Rear Signal and Brake Light out - 2003 ST by **Steve M** Gen1 V6 ,1/24/2010 19:07 ET

Just FYI, if you ever find a melted/broken connector @ the multifunction switch these wiring pigtails are available from Motorcraft.

2004 Switch Multi Function .... 12F.. WPT-503
2003-01 Switch Multi Function .... 9M WPT-611
2001 Switch Multi Function .... 7F WPT-179

WPT-611 01(Job 2)-03 S.Trac
  Color: Grey
  Gender: Male
  Contact
  Point: Switch — Multi Function

Message was edited by Steve M on 1/24/2010 at 19:25 ET

My problem was from the retaining tabs in the connector being broken. I decided to (hotmelt) pot the wires in place

Wires held in place – pushed down in – and hotmelt fed from the back

Completed repair