Hey everyone,

Thought I'd make a good contribution back to this forum after all the help I've gotten from here. This is my first DIY, but I hope you find it useful..

Disclaimer: I'm not an electrician or an authorized Toyota installer. This is what worked for me. I am in no way responsible for you breaking, burning or otherwise destroying your car. If corrections need to be made to this guide, I will do so in my spare time. Feel free to PM me with suggestions/corrections/questions.

Now that's out of the way, on to the good stuff.

Background info:
The Yaris comes pre-wired ready for fogs from the factory. So it makes it a lot simpler to install a foglight kit, pretty much plug and play.

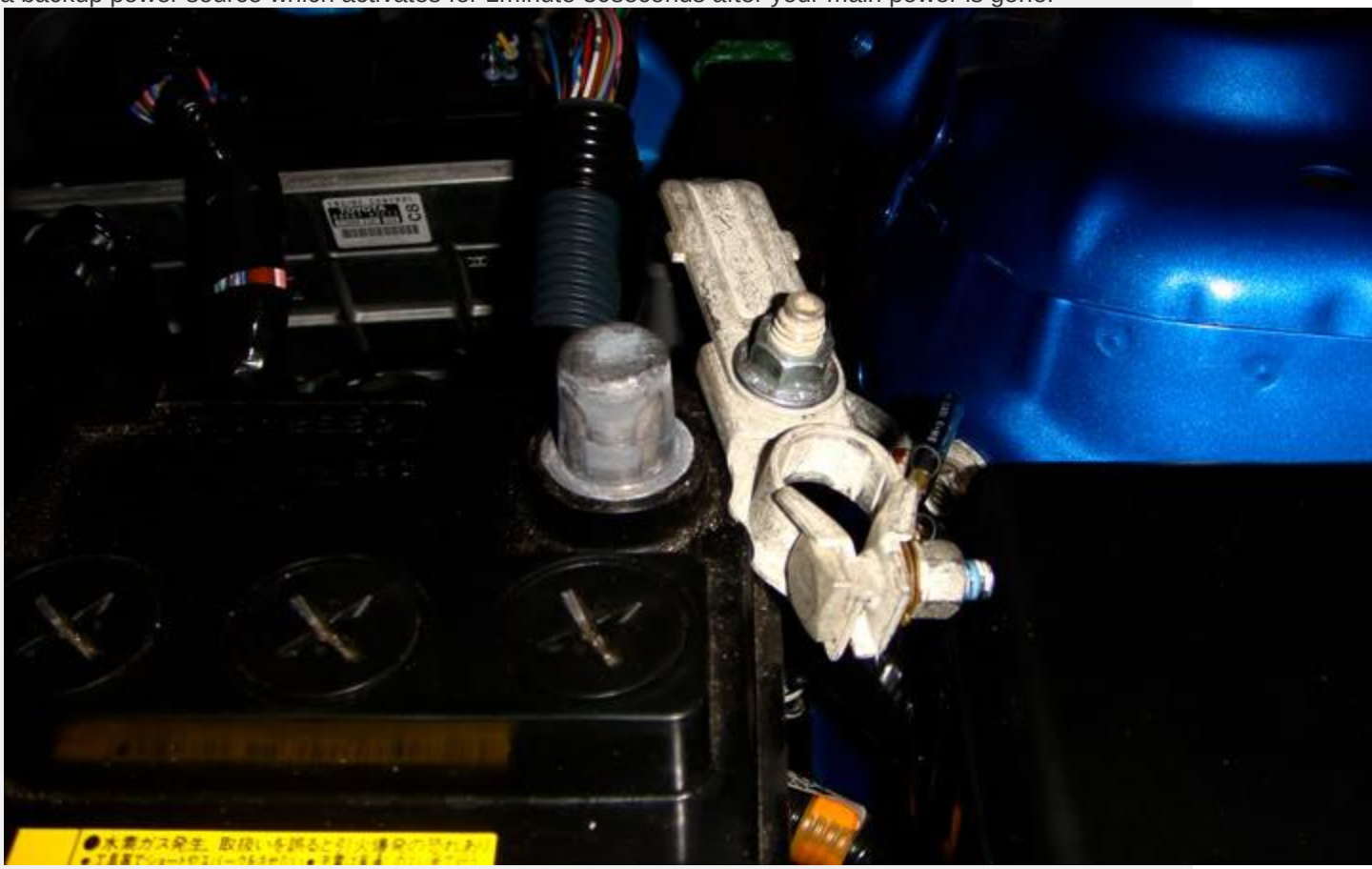
What you need:
1x foglight kit (comes with L&R fog lamps, 2x bulbs, 1x harness, 1x push switch, screws, and 2x 06-08 shrouds)
1x custom factory style harness (to make it all literally plug and play)
1x narva micro relay (p/n 68062BL)
1x OEM light stalk with Fog dial (p/n 84140-52110 (06-08) OR 84140-52090 (09))
1x pair of OEM fog shrouds (09 Yaris only, p/n 81481-52330 (right) and 81482-52260 (left))

1x socket wrench
1x 150mm extension
1x 19mm socket
1x 10mm socket
1x T30 torx bit or screwdriver
1x philips screwdriver
1x small flathead screw driver
1x steering wheel puller set (optional)
1x packet of larger zip ties
Bit of masking tape & a marker

Instructions:
Engine bay side //

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1. Park your car and make sure your steering is straight. Disconnect the negative on your battery before doing anything. Leave it for atleast 90 seconds before proceeding to step 2. The reason is the airbag has a backup power source which activates for 1minute 30seconds after your main power is gone.



negative disconnected

2. Remove your front bumper. There are 5x plastic push-pins along the top, 2x plastic push-pins at the end of the bumper at the wheel guard (1 on each side), and 8 screws along the bottom (use your socket wrench with a 10mm socket here to make your life easier).



bumper removed

3. Pop out the original plastic covers. Pop in the fog light shrouds.



original cover removed

4. Test fit your fog lamps. Screw them in (09 models are held on by 2 screws and 1 slot per lamp, and 06-08 are held on by 1 screw and 2 slots per lamp).


TAMIYA
COLOR



ahh.. the beauty of OEM fit..

5. Route your wiring harness alongside the factory wiring which runs along your re-enforcement bar.



clean.. use as many zip ties as you think you need

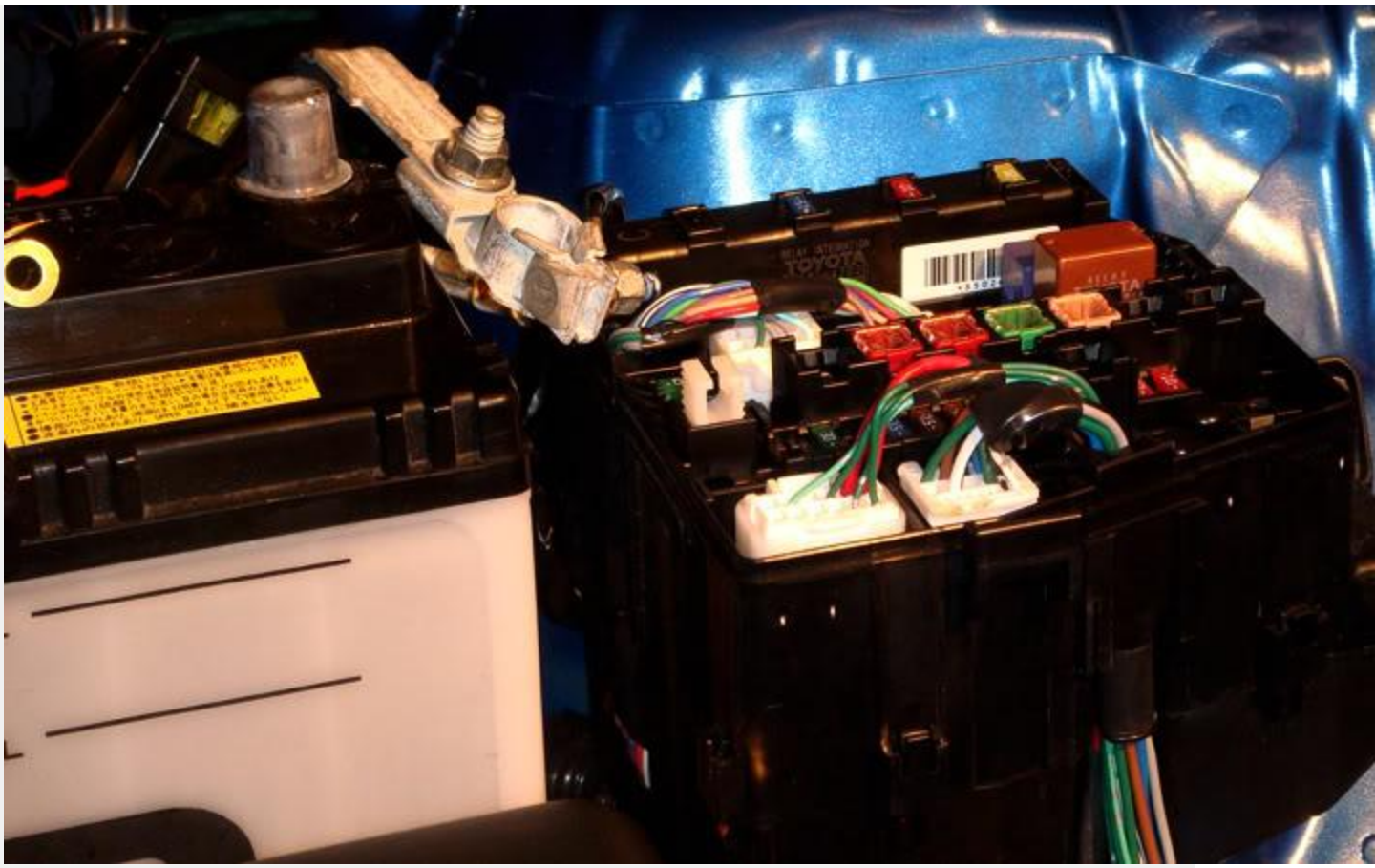
6. Route the custom harness through the front end of the fuse box.


UPPER
EVEL



the custom harness is the part from the white plug onwards. as you can see it hooks right up with the harness provided by the foglight kit

7. Plug the two pins from the harness into the two free sockets on the connector (the two on the top right of the connector).



plugged in to the connector

8. Ground the harness to a bolt on the chassis near the passenger side headlamp.



grounded

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This post has been edited by **KEN33F**: 19 June 2009 - 10:21 AM










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#2 **Kenneth.**



- Advanced Member
- **Group:**Regular Member
- **Posts:**1,184
- **Joined:**11-April 07
- **Gender:**Male
- **Location:**Sydney
- Toyota Model:'09 3dr. 5-spd

Posted 19 June 2009 - 08:26 AM

.. continuing on

9. Connect up the fog lamps and remount your bumper and you're done.. for the engine bay side.

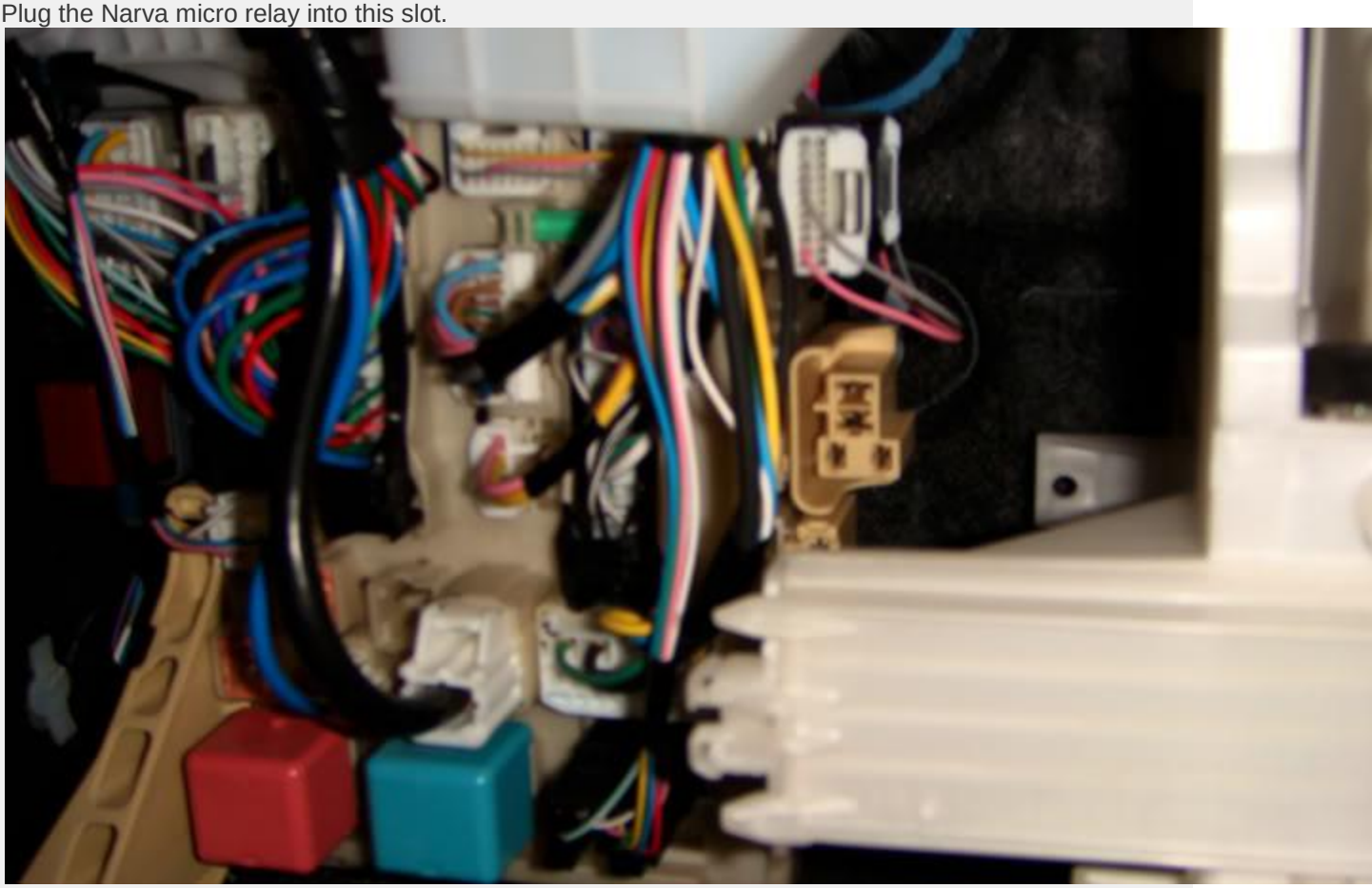


stand back and admire.. you're halfway there!

Inside cabin side //

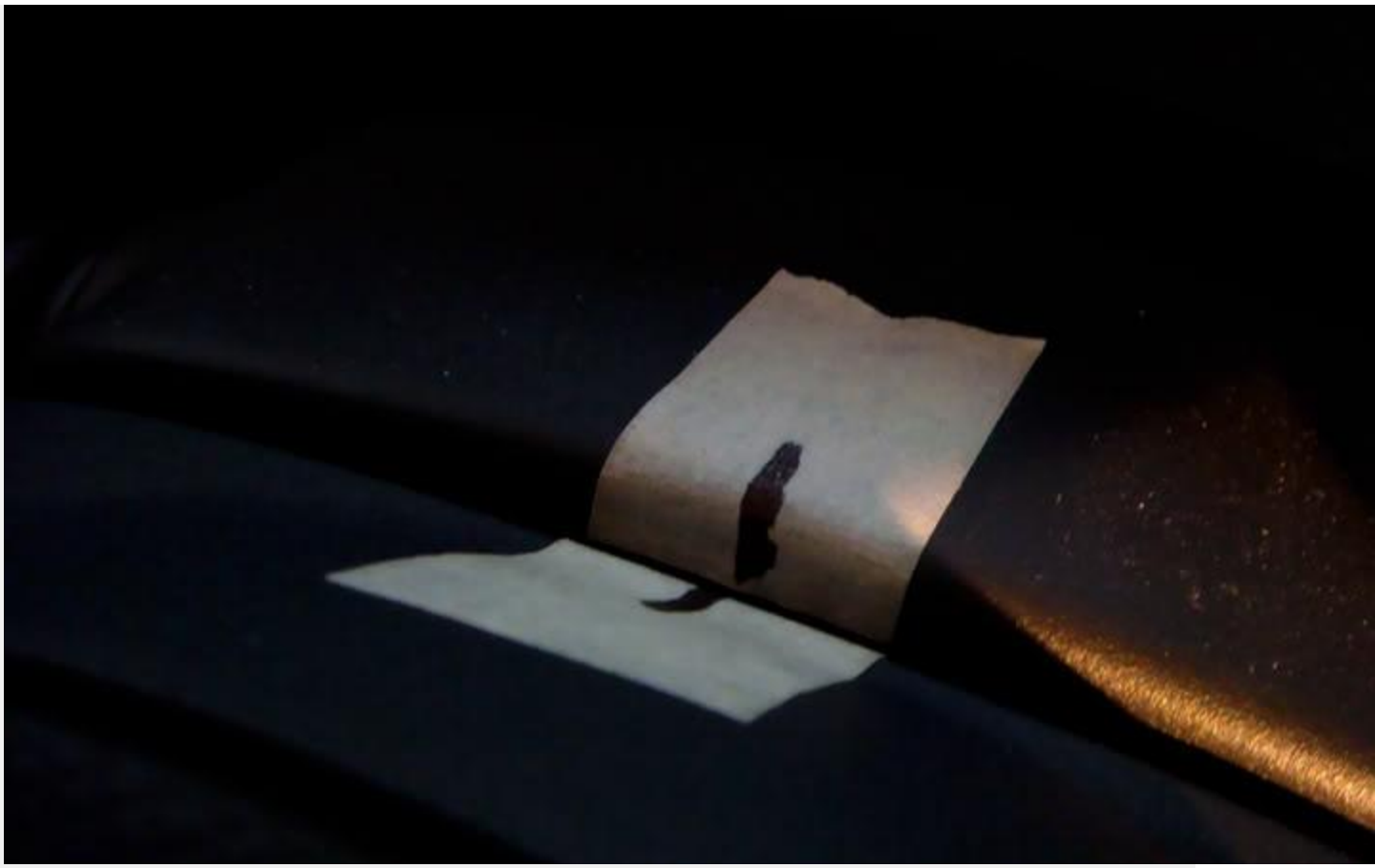
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10. Pull down your passenger side glove box and you'll see a in-cabin fuse box. There's a space for relay. Plug the Narva micro relay into this slot.



space for the micro relay

11. By this time your steering should be straight, so stick a piece of masking tape across and draw a line (you will use this later on to align the wheel). Using your T30 torx bit, loosen the two torx bolts on either side of the steering wheel. They will not fall out, so just loosen them. They hold the steering pad assembly in place.



masking tape with line through it, used for aligning the steering wheel later on



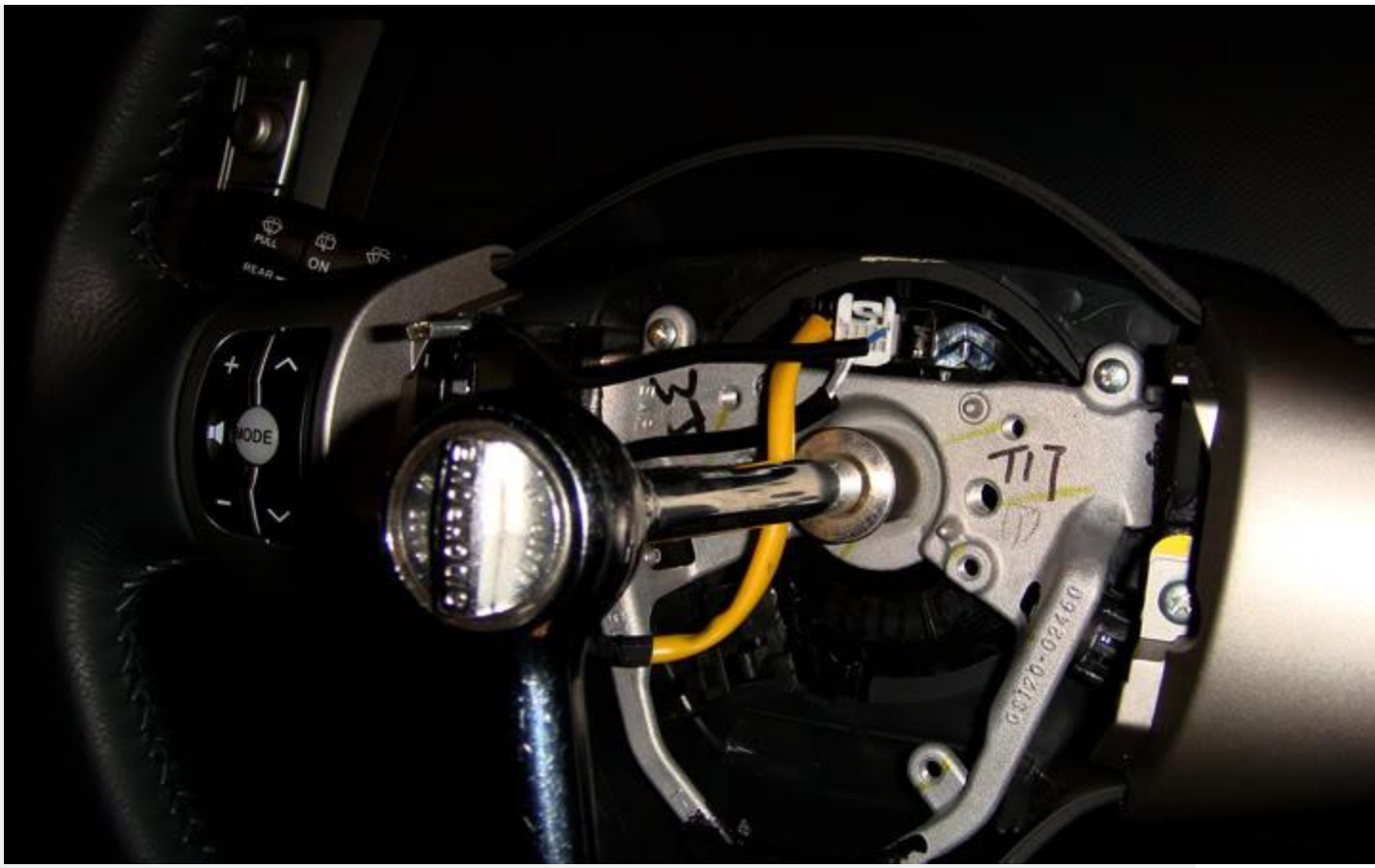
torx bit to undo the torx screws

12. Once loosened, the steering pad assembly will come off. Gently support it with one hand and unplug the horn (black cable). Then using a small flat head screwdriver gently pry the yellow piece to loosen the airbag connector. Remove the airbag connector. And set the steering pad assembly aside, emblem side always facing up.



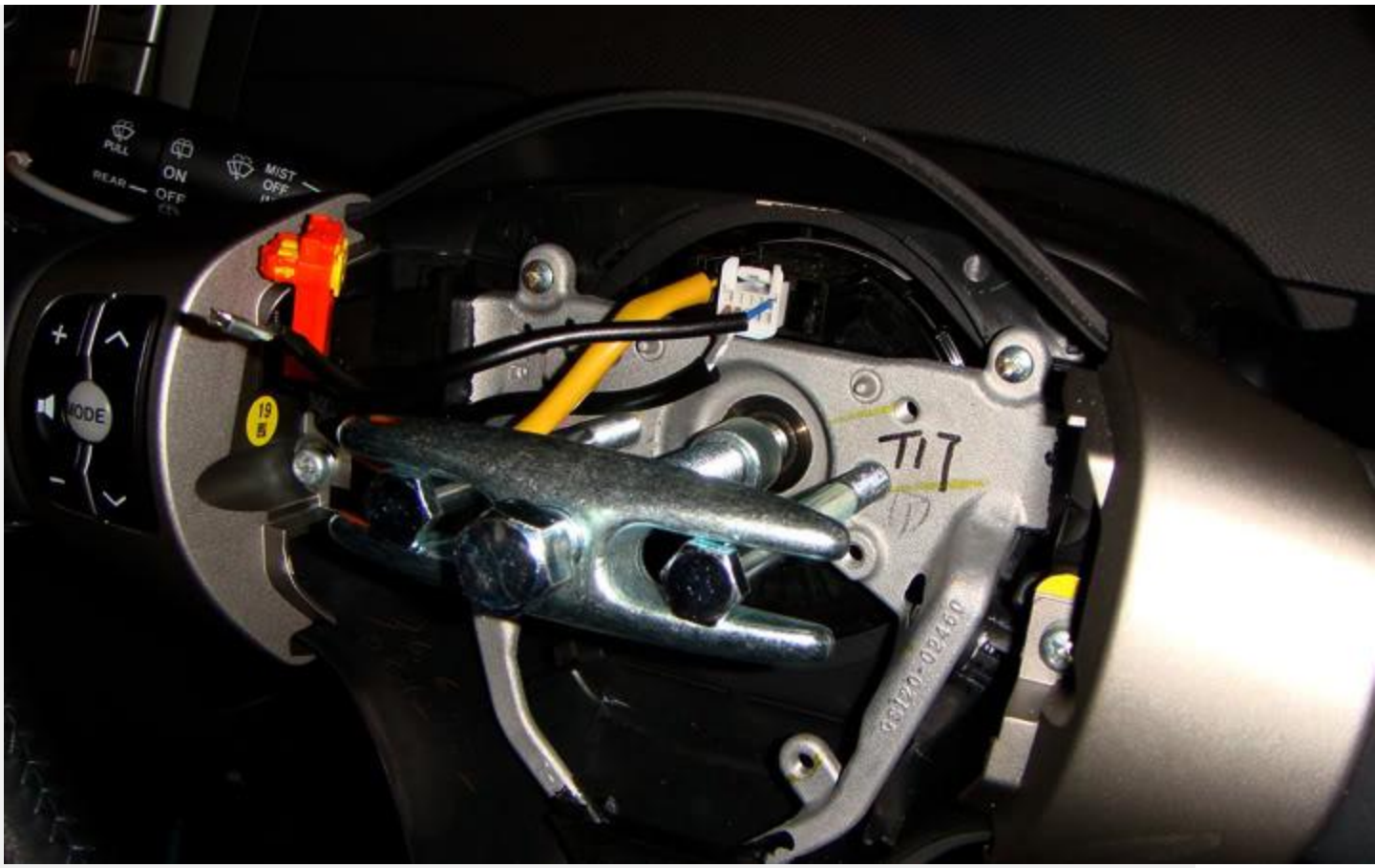
rear of the steering pad assembly, showing the airbag connector and horn wire

13. Remove the mounting nut using the 19mm socket and socket wrench paired with a 150mm extension.



removing mounting nut

14. Unplug the white connector for the steering wheel controls (YRS) and horn. Then using the steering wheel puller kit, remove the steering wheel.

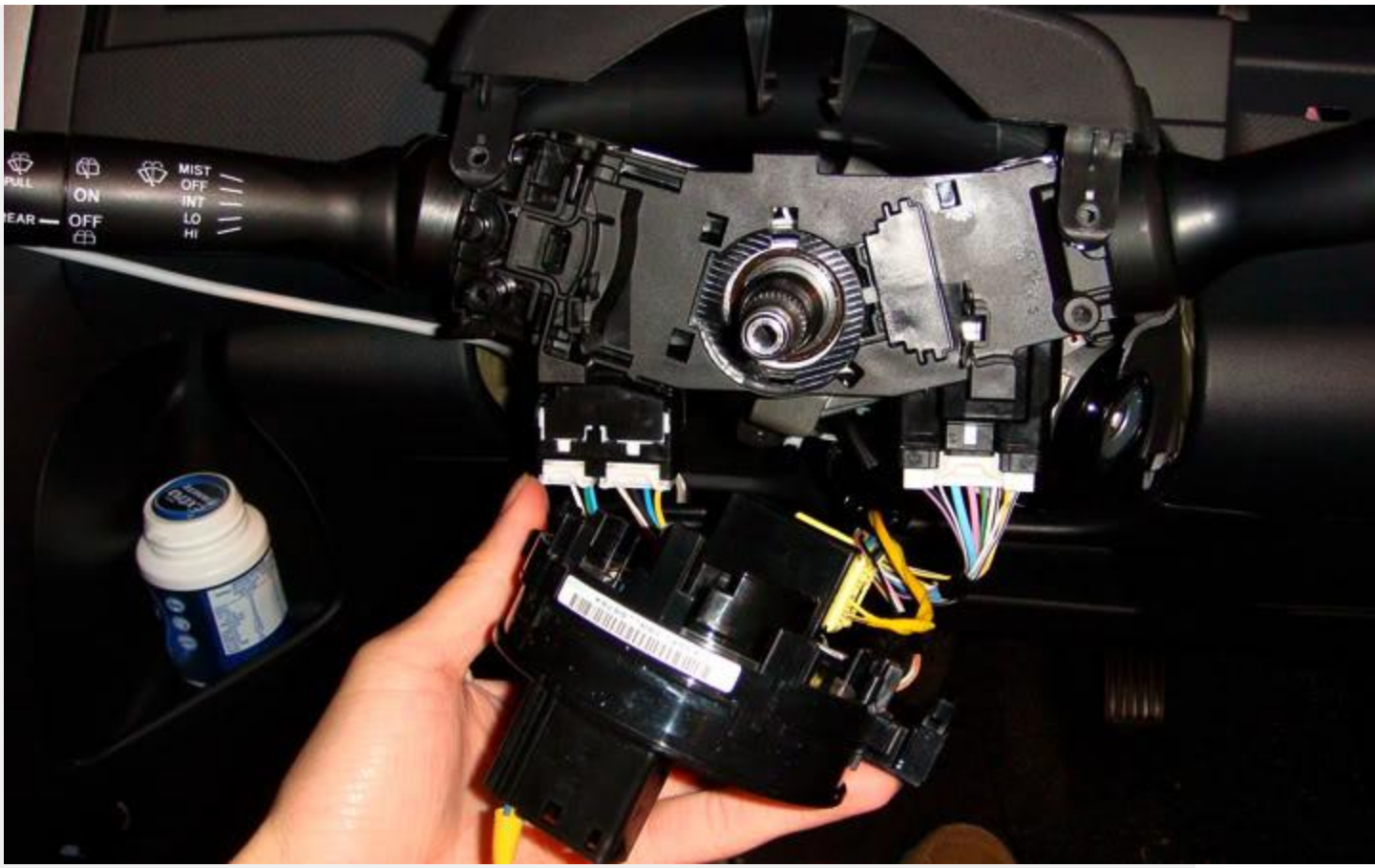


steering wheel puller kit

15. With the steering wheel removed, undo the 3 screws (2 at the front and 1 next to the steering column adjuster) that hold the plastic covers together with a philips screwdriver. Pressing the linings and gently pull the bottom half down to remove it. To remove the top pull it up and slide it out towards you.

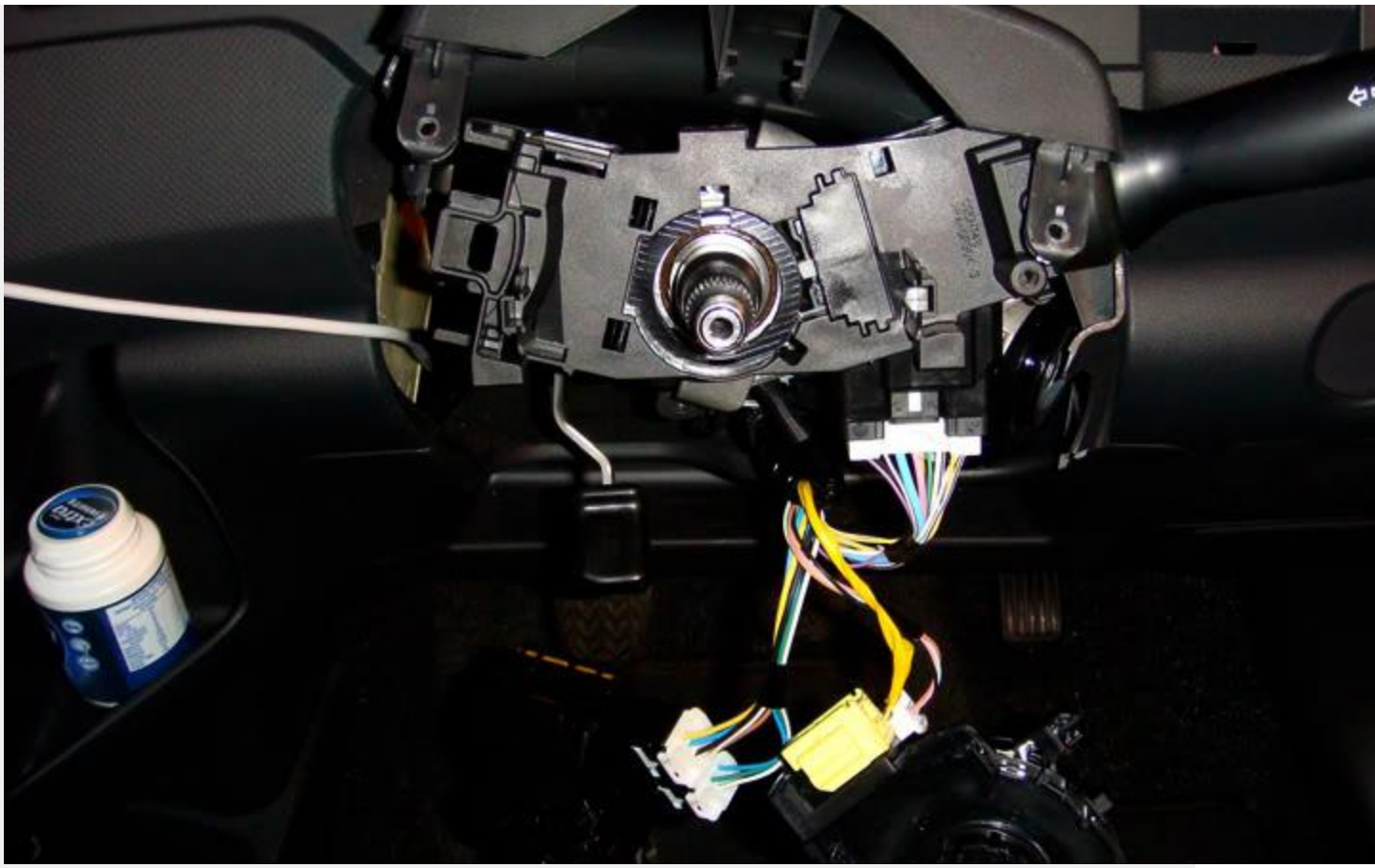


16. Remove the centre spiral assembly. It's held on by 3 clips (1 at the top and 1 on each side). Be gentle with this.. you do NOT want to damage it..



centre spiral assembly

17. Remove the wiper stalk by depressing the clip which holds the stalk in place, then slide it out.



wiper stalk removed

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This post has been edited by **KEN33F**: 19 June 2009 - 09:42 AM










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#3 **Kenneth.**



- Advanced Member
- **Group:**Regular Member
- **Posts:**1,184
- **Joined:**11-April 07
- **Gender:**Male
- **Location:**Sydney
- Toyota Model:'09 3dr. 5-spd

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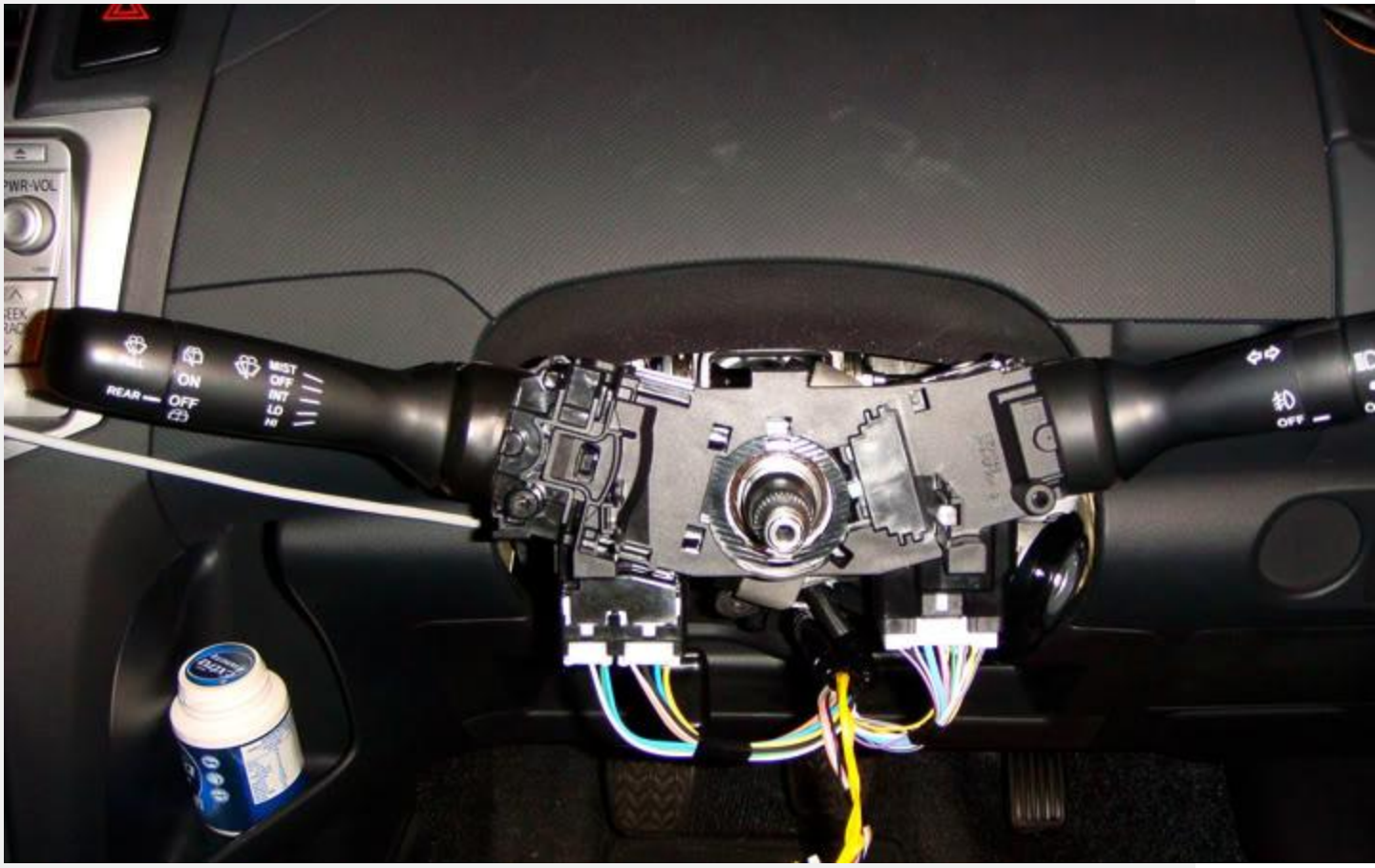
.. continuing on again

18. Using a pair of pliers bind the two ends of the clamp together to loosen it, while doing so get someone to help you pull the light stalk out. It's held on by a 2 notches, so gently tug until it comes out.



light stalk removed

19. Pop on your new light stalk with the fog switch. Then slide your wiper stalk in till it latches on, you'll hear/feel a click.



wiper stalk back in with new light stalk

20. Replace the centre spiral, it will click into place. Replace the top and lower plastic covers and screw them back in place. Reset the spiral by turning the spiral counter-clockwise all the way till it no longer turns. Then turn it ~2.5turns clockwise till the centre marks align (two triangles at the bottom).



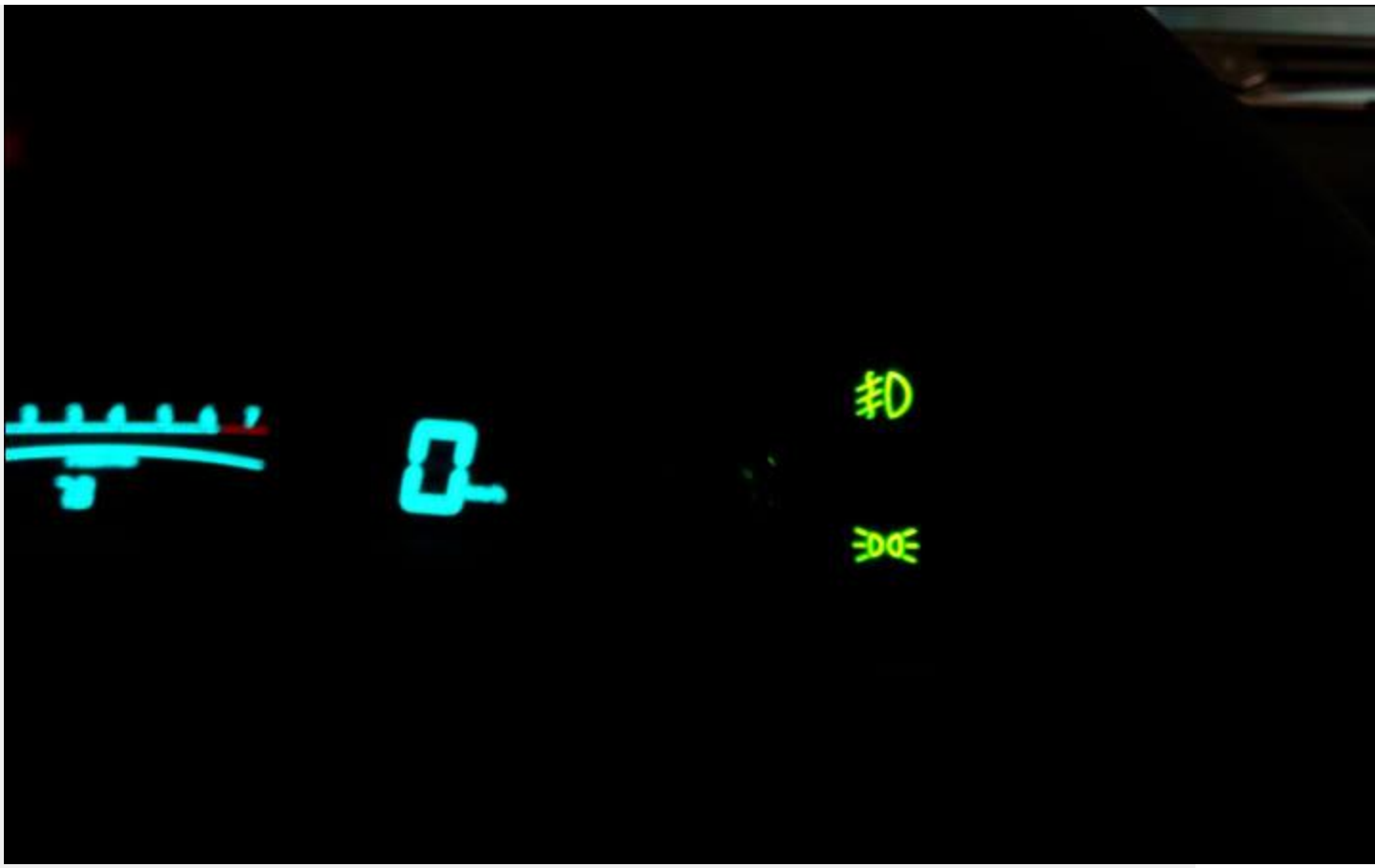
spiral replaced, covers reseated and spiral reset

21. Replace the steering wheel making sure that the line on the masking tape match up, lock the steering wheel and tighten the mounting nut. Plug the white connector back into the centre spiral. Re-attach the horn and airbag connectors back onto the steering pad assembly. Finally, tighten up the 2 torx screws on either side of the steering wheel.



should end up looking like what you started with.. with the difference being your new stalk

22. Reconnect the battery and switch the car on. If the airbag light turns off, then you have done it correctly. Test your new switch out along with your new fogs! Grab a beer and give yourself a pat on the back..



following this install will give you a factory-like install, the fog indicator on the dash will light up when the fog lights are being operated



.. and you should end up with something sexy like this!

I hope that this has/will help some of you out there who are hoping to do a factory like install with aftermarket foglight kits.

Regards,
Kenneth