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Audi A3/S3 LED Project At last here is the “how to” guide for installing LED’s for the interior and exterior bulbs in an Audi A3/S3. You will need:- • 5 x 2W 150 Ohm resistors - www.maplins.co.uk – product code: D150R (150 Ohm is the maximum resistance you can use, this has been tested and proved. Any higher and the computer will not be fooled into thinking there is a bulb there) • 1 x Soldering iron • Solder • 4 x BA9S T4W Flank LED bulb (eBay) – Map reading lights • 2 x 42mm LED festoon bulb (eBay) – Front ceiling lights • 2 x 36mm LED festoon bulb (eBay) – Number plate lights - Use metal LED's NOT plastic. See important note at bottom of page! • 5 (for 3 door) or 7 (for 5 door) x 168 194 refractor wedge LED bulbs (eBay) – Puddle lights, foot well and boot IMPORTANT NOTE: I discovered when ordering bulbs off eBay that they are not all the same colour white. The difference is only very slight but if your ceiling festoon and map reading bulbs are ever so slightly different colour white, would it bother you? It bothered me! The only way I got round this was trial and error. I ordered several different types of festoon bulbs off eBay to match my map reading bulbs, after only 2 tries I found a match! This is the only place in the car where you will see the difference in colour as the bulbs are next to each other. Everywhere else will not matter! IMPORTANT NOTE: It seems that the DIS may work with a tolerance. I can use 150 Ohm resistors in the number plate set-up but it seems others are having problems. If 1 resistor does not work then install a second resistor in the other fitment. This way you can double the current and fool the DIS. Why are LED’s a trouble to install? The installation part is not so difficult, in the most part it is just a matter of taking the filament bulb out and putting the new LED bulb in. The difficult part is getting the car to think there is a bulb there and to supply it power. Audi’s being Audi’s monitor every bulb in the car, if the car detects there is no power or very little power being used in a lighting circuit it will cut the power from it, hence switching the bulb off. LED’s use much less power than filament bulbs. This is why we put a resistor in the circuit to fool the car into thinking there is a bulb there and to send it power. Interior Bulbs Festoon and map reading, front and rear Remove the clear plastic guard by levering it off with a screw driver, it will unclip. Now you can see the first two festoon bulbs. Now lever off the dark plastic guard, you should see the two map reading bulbs. There are two screws near the top of the panel, remove them and use a screw driver to lever off this unit. Unclip the electrical wires so the unit is free from the car. Place this unit to one side. Now go into the back of the car, find the map reading unit and gently lever it off with a screw driver. Disconnect the electrical wire and place the unit to one side. You should now have the front lighting unit and the rear lighting unit in front of you. Remove all the old filament bulbs from the units. You should have six bulbs. Now look at the rear light unit, you will need to solder a resistor like shown below. This resistor is used to stop the lights being on very dim when they are meant to be off. Insert the 2 x flank LED bulbs in the rear unit and the 2 x 42mm festoon LED in the front unit. Now, in the front unit there is a little bit of difficulty getting the map reading bulbs to face down, this is due to the way they are designed. To get them to face down you need to push them in with a little force, making the metal spring part of the bulb holder bend back a little and then turn the bulb to be secured behind the plastic guard. Looking at the unit you will see what I mean. This is the interior ceiling LED’s complete! Reattach the units and test! If the festoons do not light up try turning them around, LED’s are omni directional and can only pass current one way. Foot well Use a small screw driver to pry the clear foot well light off. You will see the wedge type bulb in the casing. Unclip the power supply and remove the unit, do this to both the drivers foot well and passengers foot well. Remove the cream plastic guard, you do not need this. Attach a resistor as shown below. Only attach 1 resistor to either unit. Insert the 2 x wedge LED bulbs, 1 into each unit and reattach and test. Again, the same rule applies, if they don’t light up turn the LED’s around. Boot Do the same as the foot well and attach a resistor. I believe the boot bulb is used in the puddle light circuit, this is why we are putting a resistor here. Reattach and test. Exterior Bulbs Puddle Lights The puddle lights used the same style holder as the foot well but you can’t completely remove them. When you pry the clear plastic off you will see a cream coloured guard over the bulb, remove this with some pliers, be sure it doesn’t snap off into the door card or you will get a rattle! To change the bulb use a screwdriver to gently remove the bulb, be careful not to touch the positive and negative sides of the bulb holder with the screwdriver as you will blow a fuse. Once the filament bulb is out replace it with the wedge LED. Do this on both sides. If you have a 5 door the rear doors are more difficult. I couldn’t replace the bulbs in the rear doors as they were guarded by black plastic. I asked my dealer to replace the bulbs for me when I went in for an oil change, they had no problem in doing it. IMPORTANT NOTE: When installing the puddle lights be sure to secure the bulb in place with some duck tape. This is necessary as the LED bulb is quite loose in the holder and can fall out into the door card. The duck tape will insure this won’t happen. Getting a bulb out of a door card is a very annoying job! Number Plate Lights Remove the light units by using a small Philips screwdriver. Remove the old filament bulbs and attach a resistor to each fitment as show below, be sure the resistor is secured in place and has a gap from the bulb as it will get quite hot. Insert the 2 x 36mm festoon LED’s into the light units, 1 in each, reattach and test, again, if one does not light, turn the LED around. IMPORTANT NOTE: The number plate LED mod has not been without a few problems. When the resistor is wired in this setup it is passing current a lot of the time. Due to this it can get hot! When i was testing with the 100 Ohm and 120 Ohm resistors it managed to melt the LED bulb and stop it from working. I am now trying with a 150 Ohm resistor, this will only be outputting 0.96 watts of heat. I am still testing to make sure this does not melt the bulb, I am confident it will be sufficient this time! We use 2 resistors in this set-up as only 1 can trigger a bulb warning fault on the DIS. Having 2 resistors in the set-up ensures that there is enough current being drawn to fool the DIS into thinking there is something there! IMPORTANT NOTE: I have just purchased more 36mm festoon LED's off eBay. They are made of metal, not plastic. I believe they can handle the heat a lot better than the original LED's i used. I advise purchasing these LED's over the plastic ones. This is what they look like: There! You are done! Now sit back and wait for it to get dark and marvel at your gorgeous lighting setup! The end set-up: Thanks for the Info I have just fitted hight output red Led to footwell light I used a feston bulb as could not get wedge to fit had to solder in and modify but suspected it a resisor issue as worked ok on first one but now both done only stops on a minute And this post saved hours messing about with values Trip ddown to Maplins which led bulb do i need for glovebox light ??? Sal is there a link for a person whos selling all of the follwing main light map light rear interor light glove box boot light, i want change number plate bulbs in my a3 sportback tdi 2006/// can anyone tell me what size they are ? Just done the LED conversion today with cracking results... although I'm assuming more than 5 resistors is needed as I've got a very dim glow coming from the front main lights (not map reading ones) only when the ignition is on and the button is set to the middle. I've put a resistor in passanger/driver footwell, one in each number late light which would only leave me with one for the boot. Yet to do the puddle lights. Rear map lights seem to be ok without resistors, no dim glow...only from front main. Would a resistor sort this out? These are the only pics I have at the moment taken with phone as camera is goosed! I'll upload some better ones when I have them. Also no error on DIS from anywhere...tocuh wood. :icon_thumright: Looks good mate! Face lift tail lights would finish that rear off nicely! Just done the LED conversion today with cracking results... although I'm assuming more than 5 resistors is needed as I've got a very dim glow coming from the front main lights (not map reading ones) only when the ignition is on and the button is set to the middle. I've put a resistor in passanger/driver footwell, one in each number late light which would only leave me with one for the boot. Yet to do the puddle lights. Rear map lights seem to be ok without resistors, no dim glow...only from front main. Would a resistor sort this out? These are the only pics I have at the moment taken with phone as camera is goosed! I'll upload some better ones when I have them. Also no error on DIS from anywhere...tocuh wood. :icon_thumright: I've just added a resistor to the rear map lights as shown within initial post. Plugged the rear unit back in and it blow fuse 15 (interior Lighting) Any idea why this would happen, a bit reluctant now to add the resistor back in to prevent the dim glow incase the fuse blows again. Blue line shows the break... Glove box is also done, no resistors needed here... I have no error on DIS. Last edited: Apr 15, 2010 Anyone? Also can't get the boot light one working... Bump, no one got any ideas? same prob as above brought some 501 w/ resistors for the glove box and the boot - the original blubs for both boot and glove box were the same model etc however the 501's i purchased, the glove box fits fine and the light works perfectly - the same 501's doesn't work for the boot, tried both ways and nothing happens ...any ideas? or am i using the wrong model? its for a3 - 3door - 56 plate should be the same.....try it without resistor I have my rear map lights in, without a resistor and the front main ceiling lights have a dim glow... ? Adding a resistor to the rear maps lights blows the fuse...? What size are the festoon bulbs in the back on the ceiling? sorry if its been mentioned Anyone know if the rear ceiling bulbs are the same size as the front? Cheers I have my rear map lights in, without a resistor and the front main ceiling lights have a dim glow... ? Adding a resistor to the rear maps lights blows the fuse...? Sorry to dig up this thread, but how do you fix this "dim light" problem? I have changed out the rear map lights and the numberplates with no problem.....The front mains are still yellow and the 42mm LED's are on order..... Just want to be prepared for when they arrive so I know what to do to fix it? Hi guys, With my new bootlid just arrived (facelift one), I'm looking to upgrade from the halogen number plate lights to LED ones. I've done a bit of searching, and found 2 part numbers, and was just wondering if anyone else here has fitted them and not had any problems. Numbers are 4H0943021/22. I only want OEM ones, but I don't want any bulb out errors. If anyones fitted them, please let me know how they are. Thanks, Chris. Those are the ones I'm gonna fit at some point AFAIK on pre facelift cars they work fine without error... They will fit (afaik) up to and including MY2008. As long as you dont change your central convenience module you will be fine as your CCM will still be 2005. I have them fitted to my January 2008 car without error. Last edited: Nov 14, 2012 Sorry to hijack this thread but i pick up my new A6 2010 model next week and im after led numberplate bulbs anyone recommend some decent ones? Cheers for that pal :thumbsup: I'm also looking into this, can you not fit error free LED festoon bulbs around a tenner a pair can you not fit error free LED festoon bulbs around a tenner a pair From others experiences that I've read it can be hit and miss finding one's which do not error... Even the ones that people advertise as CAN Bus error free... At least with genuine gear it work AOK first time... Thanks for the help guys, will be ordering soon! From others experiences that I've read it can be hit and miss finding one's which do not error... Even the ones that people advertise as CAN Bus error free... At least with genuine gear it work AOK first time... Unfortunately it is not a simple as that, it is more down to your car rather than the bulbs. CANBUS (error free) bulbs do not generally work on the newer cars 2009 ish onwards, however 2012 cars can have the numberplate cold warnings coded out with VCDS (you can code it out on earlier cars as wellâ€¦ but it doesnâ€™t work and you still get the â€˜bulb outâ€™ warning on the DIS). Even genuine Audi LED numberplate lights gave an error on our MY11 TT, the only option then was to fit either resistors or an additional bulb (inside the boot lid and unseen). I've fitted LED sidelight bulbs to my C6 no problem they cost £7.99 for the pair from Ebay, and don't look to bad either. Today I took the plunge and spent all of £1.75 on two LED error free festoon bulbs for the number plate lights I'll update with the results when i get them Even genuine Audi LED numberplate lights gave an error on our MY11 TT, the only option then was to fit either resistors or an additional bulb (inside the boot lid and unseen). Post 1 Chris have 2005 want LED's... Post 3 Tuddie also want LED's but 2010... so in Post 4 there is the LED Units and easy fit Kauftec Resitor cable links.... I've fitted LED sidelight bulbs to my C6 no problem they cost £7.99 for the pair from Ebay, and don't look to bad either. Today I took the plunge and spent all of £1.75 on two LED error free festoon bulbs for the number plate lights I'll update with the results when i get them WOW, great prices:icon_thumright: ... Links on ebay sellers chap Canbus LED festoons will work on the A6's, even on a 2011 model without throwing up errors. its only the A3's from 2009 that are an issue. i sell led festoons that are Error free and will work in cars up untill 61reg. The OEM lamps from Audi have just had a price hike due to the demand. they are now £16.50 each inc VAT as i bought 5 pairs the other day. Dont waste your money buying that resistor loom as it wont be needed. Trups christ lucky i had mine wen i did the other week were 7 odd quid are there any other option for the screws as the ones supplied are total utter sh*t!! Dar, There are better screws, go on stoke audi site, they are torx screw drivers so hard to damage. Got my Kauftec numberplate lights yesterday they took ages to arrive but thats them on the car and looking good, you any pics of your number plate lights Chadders? Not arr yet they are coming from China Though I'll chase them up on ebay. As soon as they are in I'll takes some pics Well after a long and hazardous journey from somewhere in China my £1.67 inc shipping LED error free number plate bulbs arrived and here is the results by the way that price is for 2 Click this bar to view the original image of 1024x768px. I'm quite impressed they went in no problem i got mine from t8ups, no issues in my my2007 avant They look good Chadders, and a bargain price too! I think this thread might be resolved now, but in case anyone in the future is searching, I've got a pair of the geuine Audi 4H0942021/22 units in my 2009 RS6 with no errors showing. Chris Hi guys, I have LED bulbs for my licence plate and the "bulb out" warning light comes on intermittently. It only seems to come on when the lights are turned on, therefore I assume, it's the Hot Diagnostic bulbs check. Is there any way to disable this using VCDS? Thanks Not sure if you can code it out but i would say if you bought from @t8ups you will have no probs with ur lights as his are a canbus error free Not sure if you can code it out but i would say if you bought from @t8ups you will have no probs with ur lights as his are a canbus error free Thanks but I quite like the bulbs I already have, it's just a pity that they are not canbus. Ideally i would just like to code it out using vagcom and was wondering if anyone else has managed this.. i never had to code them out on my 57 S3 due to getting canbus error free one's so not sure if they can be done through vcd's maybe chatting to @t8ups might help as he is the lights man and happily give you advice I had that fault on mine but it was just a bad connection. All was good when it was parked but when i went over a particular bump or corner the warning would pop up on the dash. I sorted this out with load resistor, snipped in parallel with bulbs on wiring. This however caused the flash with computer bulb checks every 30 seconds. All sorted now with relay and load resistor wired in. No DIS warning and no led strobe. Sent from my iPhone using Tapatalk FYI, this is easily do-able with VCDS Module 46 > channel 192 > change from 3 to 0 Only if had vcds and knew whats where. Also, relay will sort out indicators and fogs and vcds will not Sent from my iPhone using Tapatalk Only if had vcds and knew whats where. Also, relay will sort out indicators and fogs and vcds will not Sent from my iPhone using Tapatalk Fair enough but thread is specifically about licence plate bulbs. Also, dont really like the idea of resistors. Cannot be disabled on a6 c6 using vcds Sent from my SM-G950F using Tapatalk Had to fit resistors in mine when I fitted LED number plate lights, the LEDS use less voltage than the 12 v standard and therefore the car thinks there is bulbs out and flashes the light up.. you can buy new lights woth resistors built in or just buy canbus resistors online .. Had to fit resistors in mine when I fitted LED number plate lights, the LEDS use less voltage than the 12 v standard and therefore the car thinks there is bulbs out and flashes the light up.. you can buy new lights woth resistors built in or just buy canbus resistors online .. Led number plates work without any resistors, ones from a5 are good. Sent from my SM-G950F using Tapatalk Might be worth getting a loom from @t8ups saves any errors appearing Hi guys, I have LED bulbs for my licence plate and the "bulb out" warning light comes on intermittently. It only seems to come on when the lights are turned on, therefore I assume, it's the Hot Diagnostic bulbs check. Is there any way to disable this using VCDS? Thanks I had the same issue, I selected an option in vcds that told the car LED bulbs were installed and now no more bulb error. FYI, this is easily do-able with VCDS Module 46 > channel 192 > change from 3 to 0 /resurrect Tried security codes 16017 and 41067 to access the channel and VCDS would't accept them! Any ideas on this? A3 8P 2007 EM Tunings plate lights are the perfect OE spec brightness lighting up the numberplate no brighter than how audi let it out of the factory with Halogen bulbs, we are keen to keep your car looking OEM from the exterior so a few years backhad these bulbs made up just to use as Numberplate light bulbs which has 2 3528 LED's to give you the perfect glow without making your stand out. The are 5000k in colour. Non Canbus - £5 per pair Canbus - £6 Screws are not included in the sale, they can be purchased for £1 for the set and are genuine Audi T10 torx headed bolts. Postage not included but is £2.10 to the UK. ---------- If you have a Audi A3 09-12MY or a A4 B7 you will need a canceller loom which is £13+Postage. I do the kit with the loom, screws, bulbs and postage for £19.99 to the UK I can also do this setup for the Audi A1 09-12MY, Audi TT - 09-11MY and the Audi R8 09-12MY How much for just the loom? pm'd about a loom kit for a b7 Hi t8ups, i bought the led number plate bulbs for my S3 8P3 2011. Got the canbus ones which i wasn't sure was correct i also got the loom, how do i install the loom? I'm getting an error message on the dis Thanks @t8ups for the LEDs, cleaner and newer! Ive seen on here a thread linking to an ebay seller who sells LED number plate lights that wont give an error code. I decided to buy them and fitted them with no problems - they looked fantastic, a big improvement in look and in light! That was 3 weeks ago and today I took my car for its MOT - it failed :-(Reason being that my number plate lights had stopped working! I couldnt work out why so decided to just get some new original bulbs but they wouldnt work either, I then checked all the fuses and they were fine. I then spoke to my brother who works on VW/Audi and he said it is likely that the computer would have turned the lights off as they are not suitable and that I would need to use VCDS to remove the fault code and get the lights working again. Luckily for me he has that software and he was spot on - error code came up on his laptop and with the click of a button the lights were sorted again (using original bulbs). If I didnt know someone with that software then I could have been looking at a trip to Audi to get it sorted. Certainly wont be putting the LEDs back in thats for sure! I've had a problem with non error leds for the sidelights - intermittently they'd work. I contacted the ebay seller a he has sent me a different sort...dont think i'll bother with them now! Uve just been unlucky. Contact t8ups if u want some proper LEDs that wont give u problems. Reactions: Sayam I gave up with these as well, too much hassle Uve just been unlucky. Contact t8ups if u want some proper LEDs that wont give u problems. Is that long term? They worked perfectly at first but over time caused problems. The warning still stands though - if people buy them, they should make sure they work a few weeks later before purchasing or they could end up with a nice bill at Audi! if you turn the car off, put normal bulbs back in and swich the ignition back on then it will work again, dont need vcds to swich them back on, the error will go from your dash but the fault will be logged in VCDS with a date and time of when it 1st occoured. why not purchase the OEM Audi LED's they sell? Trups If you turn the car off, put normal bulbs back in and swich the ignition back on then it will work again, dont need vcds to swich them back on, the error will go from your dash but the fault will be logged in VCDS with a date and time of when it 1st occoured. why not purchase the OEM Audi LED's they sell? Trups Not the case. We disconnected the battery to see if it would work as my brother didnt have his computer with him. It made no odds - had to use VCDS to solve it. i use genuine a5 number plate bulbs in mine had um in for over 6 months no probs Reactions: dancupra225 Pretty sure it's: 4H0 943 021 What's the difference between the two part numbers ? Ok cheers danny, are they plug and play? OK, so before we all start patting each other on the back ... those of you with late 2010 and early 2011 cars with the BCM module version 615 ... these OEM modules won't work. Use Search. I used just plain simple LED bulbs without canbus & hard wired one original standard bulb inside the boot lid. They will only stop working when the standard bulb blows & it'll throw the error up but will be a simple fix OK, so before we all start patting each other on the back ... those of you with late 2010 and early 2011 cars with 108.5Ω and the circuit worked! I must have not put the resistors in properly the first time as I'm not soldering them in just yet. The resistors don't even get warm by the way EDIT2: Right all is finished now, finally! I have used the 2 220Ω resistors for the footwell LEDs (one in each obviously). I have soldered them in a slightly different position but it's essentially the same as Toby has done above. All works great. I found that I couldn't get enough play on the holders for the puddle lights to simply pull out the bulbs and fit the LEDs so I ended up taking the door cards off. How on earth did you manage that Toby?? For the number plate lights I ended up having to use 2 150Ω resistors. I tried soldering them but the bulb holder acts as a massive heat sink so I just wrapped the legs around the base of the clips and again all is good. They get fairly hot but nothing major. A massive thanks again for your pics and write up Toby. They really helped me along the way any links in buying which ones of ebay? so many!!!!! Do you have to wire resistors? can you just not get the same bulb model number but in blue/white/xenon look? Do you have to wire resistors? can you just not get the same bulb model number but in blue/white/xenon look? You can. But it wont look the same as an LED setup. If you want the white LED look you need white LED's. Staz, in your number plate setup, did you use a 150 Ohm resistor in each light? Staz, in your number plate setup, did you use a 150 Ohm resistor in each light? Yes mate. just one 150 wouldn't work and nor did 2x 220 (so 110 total) so I tried 2x 150s and it works fine! The boot light didn't work so I'll need to 220 resistor for that That won't work mate. I had to use 2x 220 ohms for the footwells, one on each. That made to combined resistance 110 ohms. The 150 on it's own didn't work so I would have tried 1x 120 ohm but the guy gave me 220s instead so I tried 2 of them and it worked. I've managed to find all of the bulbs on ebay,except the 168 194 refractor wedge for the puddle lights. Does anyone have a link for them? I can't find ones with a 9mm base and 10mm diameter to fit the holder - i removed the OE one from the boot to check sizes,i guess it's the same bulb for the puddle lights? Cheers That's great work. Any plans to do the sidelight, brake or indicator bulbs yet? I'd be interested to see what resistors would be needed since the bulbs are higher watt. Just a quick update. One of my numberplate LED bulbs gave up the ghost the other day. Just been out to replace it with a normal bulb and found that gradually the heat from the resistor had misshapen the LED and the end cap had come loose. Not sure I can be bothered to change it and position the resistor differently as I don't think it made that much of a difference. I'll have to wait until it's dark. Just a quick update. One of my numberplate LED bulbs gave up the ghost the other day. Just been out to replace it with a normal bulb and found that gradually the heat from the resistor had misshapen the LED and the end cap had come loose. Not sure I can be bothered to change it and position the resistor differently as I don't think it made that much of a difference. I'll have to wait until it's dark. Were these the metal ones staz? The link for the Ebay item a couple of posts above is a complete set of led's. The interior led's are crap but I will say tat the No plate leds are great and do not require a resistor as it is already built in. If you email him he will give you a price and just email the No plate led's Is there anywhere you can just buy the bulbs for the interior? Interioir lights front map lights front Interior lights back Footwell lights Puddle lights Thanks but if I do it again I'll just position the resistors better or wrap something around them to insulate them. It all worked great how it was. Is there anywhere you can just buy the bulbs for the interior? Interioir lights front map lights front Interior lights back Footwell lights Puddle lights There are loads for sale on Ebay, but they are mostly from Hong Kong or the States. The main problem I found was refractor style led's are wider due to their design than the standard wedge festoon bulb. This gives you a real headache when you try to fit them. So to get them all the way in you have to bend the contacts. I have done all mine now except the puddle and boot led. These are doing my head in and I can't get answers to anything from anyone on here who has done the whole thing. Must be on the ignore list LOL Page 2 There are loads for sale on Ebay, but they are mostly from Hong Kong or the States. The main problem I found was refractor style led's are wider due to their design than the standard wedge festoon bulb. This gives you a real headache when you try to fit them. So to get them all the way in you have to bend the contacts. I have done all mine now except the puddle and boot led. These are doing my head in and I can't get answers to anything from anyone on here who has done the whole thing. Must be on the ignore list LOL You should try PM'ing Marc in here: :thumbsup: There are loads for sale on Ebay, but they are mostly from Hong Kong or the States. The main problem I found was refractor style led's are wider due to their design than the standard wedge festoon bulb. This gives you a real headache when you try to fit them. So to get them all the way in you have to bend the contacts. I have done all mine now except the puddle and boot led. These are doing my head in and I can't get answers to anything from anyone on here who has done the whole thing. Must be on the ignore list LOL I have done the puddle ones, as above, didn't have any problems with them. also didn't have to bend any contacts. What problems are you having? Staz. Where did you get the refractor led's from. The puddle lights are narrower than the footwell lights so when I try to fit the refractor wedge they will not fit properly as the contacts are shaped to hold the standard wedge festoon. The other problem I have is when I try to replace the boot bulb with an led it will not light at all. Fitted a 150 Ohm resistor and it comes on flickers and goes off again. Also tried it with a 220 Ohm resistor and it was the same. Should I have fitted the led's in the puddle lights first? as the above problem is with the puddle lights standard and trying to fit the boot led first. I got all the bulbs via the links Toby posted above. I used the same flank bulbs for the footwells as I did for the puddle lights. Exactly like these. I used 2x 220Ω resistors, one in each side. The boot light and footwells are on different circuits so they won't affect each other. I haven't done the boot light as I didn't see the point but as the combined resistance for the 2 footwell LEDs is 108Ω I would try a 100/110Ω on it's own for the boot mate. Thanks mate. Thats shed a bit of light on the matter. I will order some of the leds you mentioned. I have been using the ones with the 4 leds spaced around and 1 on the end. They are too wide for the bulb holder which is why I have been having problems. Do you get good enough light out of them for the puddle lights? Thanks mate. Thats shed a bit of light on the matter. I will order some of the leds you mentioned. I have been using the ones with the 4 leds spaced around and 1 on the end. They are too wide for the bulb holder which is why I have been having problems. Do you get good enough light out of them for the puddle lights? Aha no these ones are just a bit of 1mm board with the LED soldered on, fit in nicely! The light from them isn't more than the bulbs they replace, it's just white. They don't need to be any brighter anyway! Excellent tutorial thanks. I'll give this a go for the rear number plate bulbs as I have really wanted to do this for a while. Does anyone know if 37mm bulbs will fit? I always order LED bulbs from www.ultraleds.com as I have had problems with cheap LED bulbs off eBay. Excellent tutorial thanks. I'll give this a go for the rear number plate bulbs as I have really wanted to do this for a while. Does anyone know if 37mm bulbs will fit? I always order LED bulbs from www.ultraleds.com as I have had problems with cheap LED bulbs off eBay. 37s will fit no problems mate. excuse my ignorance, but i see you have to solder only one 150 ohm resistor in parallel for the rear interior lights when replacing with led bulbs, but what about the front festoon light? mine is the basic one with only the one main light, so do i need to solder a 150 ohm resistor in parallel with one bulb, two bulbs or no resistors? cheers I really need to do this mod! excuse my ignorance, but i see you have to solder only one 150 ohm resistor in parallel for the rear interior lights when replacing with led bulbs, but what about the front festoon light? mine is the basic one with only the one main light, so do i need to solder a 150 ohm resistor in parallel with one bulb, two bulbs or no resistors? cheers If you don't have the map reading lights and just have the main light you shouldn't require any resistors. The only reason you have to fit resistors in the rear map lights is to prevent them staying on dim when you are driving. The only other resistor is required for the footwell lights as they will only stay on for 5 seconds if you don't fit one thanks for clearing that up matey! wasnt sure after reading about the issues with 'bulb-out' warnings on the DIS as the led's dont draw as much current as the old bulbs. i thought resistors had to be added to all the led replacements for this reason! cheers :icon_thumright: I didn't fit a resistor for the map reading lights by the way and don't have the dim bulb problem. No mate. Or errors with VCDS. fitted my leds to the front and rear interior lights today, and no probs with rear lights staying on dim or bulb out warnings on the dis! so all in all pretty chuffed! now does anyone know if changing the glove box light is just as easy, old bulb out, new led bulb in!!! it should be like that with every bulb in car, obviously you may need to wire up some resistors, but should be fine! i think the glove box and boot light are the same bulbs you have in ur side lights fitted my leds to the front and rear interior lights today, and no probs with rear lights staying on dim or bulb out warnings on the dis! so all in all pretty chuffed! now does anyone know if changing the glove box light is just as easy, old bulb out, new led bulb in!!! Someone was asking about this the other day, they thought the glove box was on the same circuit as something else as they were getting a warning. I can't remember who or where though! There's only one way to find out for sure though.....! Someone was asking about this the other day, they thought the glove box was on the same circuit as something else as they were getting a warning. I can't remember who or where though! There's only one way to find out for sure though.....! That was me mate. Wasn't the glove box, it was the boot though. I thought the boot and door puddle lights were on the same circuit. Have now done all the lights with led's except the boot. Only actually used one resistor and that was for the footwell lights (150Ω in one side) That was me mate. Wasn't the glove box, it was the boot though. I thought the boot and door puddle lights were on the same circuit. Have now done all the lights with led's except the boot. Only actually used one resistor and that was for the footwell lights (150Ω in one side) Aha yes! Sorry I forgot. So you don't need one in the glove box then? And is it the same as a sidelight bulb? could someone clear this up please, do the resistors need to be in parallel or series? ive just been told of some smart **** at work they need to be in series, but i thought parallel? could someone clear this up please, do the resistors need to be in parallel or series? ive just been told of some smart **** at work they need to be in series, but i thought parallel? Parallel mate! If you put them in series the voltage would be dropped across the resistor and not the LED. thanks for clearing that up matey! :icon_thumright: its not often im wrong, but im right again!!! thanks for clearing that up matey! :icon_thumright: its not often im wrong, but im right again!!! It's not the first time I've had to help out one of your kind with some basic electrics It's not the first time I've had to help out one of your kind with some basic electrics electrics? what are they? here is what this guy is quoting, help me prove him wrong, PLEASE? "Every commercial led light made has a current limiting resistor. To figure yours add the forward voltage, subtract from 12 (for 12 v system) and divide by .02 (20ma). This is simple Ohms law. For 3 super-bright leds there is a 10.2 forward voltage drop (series wiring). So 1.8/.02 gives a resistor of 90 ohms. For 13.8 volt supply a 3.6/.02=180 ohms. Super-flux leds are slightly higher voltage so 3.6(typical) is used for each led. For 2 on a 9v battery it is 1.8/.02=90 ohms. If you don't have the exact value, always go to the next higher fixed resistor. This will work fine w 100 ohm resistor or even higher, and gives a small margin for safety. For questions consult ohms law....." he is a tosser by the way!!! electrics? what are they? here is what this guy is quoting, help me prove him wrong, PLEASE? "Every commercial led light made has a current limiting resistor. To figure yours add the forward voltage, subtract from 12 (for 12 v system) and divide by .02 (20ma). This is simple Ohms law. For 3 super-bright leds there is a 10.2 forward voltage drop (series wiring). So 1.8/.02 gives a resistor of 90 ohms. For 13.8 volt supply a 3.6/.02=180 ohms. Super-flux leds are slightly higher voltage so 3.6(typical) is used for each led. For 2 on a 9v battery it is 1.8/.02=90 ohms. If you don't have the exact value, always go to the next higher fixed resistor. This will work fine w 100 ohm resistor or even higher, and gives a small margin for safety. For questions consult ohms law....." he is a tosser by the way!!! Easy to prove him wrong... the LEDs we're talking about already have the resistors built into the circuit to enable them to work with an input voltage of 12v. All we're trying to do with the parallel resistor is fool the car into thinking there's a normal bulb there as the current draw on the LEDs isn't enough and the car things the bulb has blown. It then kills the power to the LED. For questions consult STFU law..... electrics? what are they? here is what this guy is quoting, help me prove him wrong, PLEASE? "Every commercial led light made has a current limiting resistor. To figure yours add the forward voltage, subtract from 12 (for 12 v system) and divide by .02 (20ma). This is simple Ohms law. For 3 super-bright leds there is a 10.2 forward voltage drop (series wiring). So 1.8/.02 gives a resistor of 90 ohms. For 13.8 volt supply a 3.6/.02=180 ohms. Super-flux leds are slightly higher voltage so 3.6(typical) is used for each led. For 2 on a 9v battery it is 1.8/.02=90 ohms. If you don't have the exact value, always go to the next higher fixed resistor. This will work fine w 100 ohm resistor or even higher, and gives a small margin for safety. For questions consult ohms law....." he is a tosser by the way!!! OMG.....Does he do the vulcan salute and speak Klingon. I hate pointy headed people LOL Being somewhat indolent, and lacking in technical capability, can I (at any cost) buy a PIAA extreme white bulb that will look like the OEM ones, but deliver the super white light (OK, so not LED white). I can't be @r$ed with soldering resistors and all that malarky despite it looking VERY trick. Been searching t'internet and found some smoked festoon bulbs (12v 5w 42mm 264 type), but not upgrade ultrabright ones. Also, does anyone have a part number for the reading lights in the overhead festoon? I was hoping they were going to be like the w5w's that go in the side lights (as I have a spare set of PIAA extreme's sat in the garage), but they're not "All we're trying to do with the parallel resistor is fool the car into thinking there's a normal bulb there as the current draw on the LEDs isn't enough and the car things the bulb has blown. It then kills the power to the LED. For questions consult STFU law....." Epic If i didn't opt for the interior lighting extra for my car, will i still be able to do this modification? I understand that the puddle and footwell lights won't be there (is this correct?) but does that mean that the bulbs won't be fitted? or that i would have to cut holes and buy the light cases as well. Cheers for the help There's some info in the FAQs thread about interior lights retrofit. What a nightmare this all seems! I have done this in my BM, and all I had to do was fit resistors to the numberplate lights, the interior ones worked without fault or resistors. I mean who need bulb failure warnings on an interior bulb ***? You can see when its blown just as easily as you can see the warning notification, in fact you'd know as soon as you opened the door, before the ignition was even on, talk about over engineered... d'oh! would this mod work with the single led bulbs you can get from like maplins or any electronics store.. ?? G would this mod work with the single led bulbs you can get from like maplins or any electronics store.. ?? G I'm sure you could probably to get it to "work" with enough effort but would it look good? no, probably not - you need proper fitment bulbs really which send light in the right directions. umm ok then i will have a look anyway see what it looks like and will let ya know.. thanks buddy G If i didn't opt for the interior lighting extra for my car, will i still be able to do this modification? I understand that the puddle and footwell lights won't be there (is this correct?) but does that mean that the bulbs won't be fitted? or that i would have to cut holes and buy the light cases as well. Cheers for the help From what I understand the holes are already there but plugged. The wireing for the doors however is not, so you would have to run wires to the doors. There is a thread on the Fortitude forum somewhere about putting in some footwell lights but never found anything about pudle lights. All other lighting will work fine and for the interior you don't need resistors. That only applies to the outside lights like the plate light and the side markers. Hope that helps... thanks gryphon that info clears things up a little on the work that would be needed. Page 3 umm ok then i will have a look anyway see what it looks like and will let ya know.. thanks buddy G Just my opinion though mate - if I thought I could do a good job with cheap LED's from Maplin I'd do that rather than spend £50-60 which I have done, good luck. As discussed in the black edition thread, i may end up having to do this retrofit myself. I'm not exactly a dab hand at this kind of stuff so i'm a little nervous. Anyone in the surrey area fancy making a few bob? Also i order LED lights from Bimmian.com (sent em an email and they assured me no resistors etc would be needed) so hopefully that will make this installation a little bit less dramatic Fitted most of the LED's tonight. I already had the footwell bulbs fitted and working fine. I have now fitted puddle bulbs, front interior and front/rear map (more on these later). I tried the boot and could only get it to stay on with 2 x 150ohm resistors, but the heat was too much (was very hot, burnt my finger numerous times and it was burning paper instantly on touch). Front/rear map are no good because of the type of bulb that I bought, the light does not go towards the lens properly, but I have ordered additional bulbs to hopefully fix this. I haven't tried the glovebox yet. 2 notes - when soldering resistor onto rear map bulbs, cover the plastic lens with something (kitchen foil) as I managed to drop some solder onto the lens and melt it slightly, but it's not noticable - luckily! for the boot, you need to close and reopen boot to 'reset' the light after unplugging or messing with it and cutting the connection - common sense but took a min to figure out I may go and give the glovebox a try quickly..... You got picture of your work-in-progress scott? You got picture of your work-in-progress scott? Sorry mate I don't as it was raining so I was getting soaked doing it lol. Fitted the glovebox light now, that was easy. Now just for the boot... and waiting for the new reading bulbs... So for anyone who got their boot led working, how'd you do it??? I wanna get this done tonight and can pick up anything I need from Maplin when I finish work. I have the bulb. I tried with no resistor, it didn't work. Tried with 2 x 150ohm resistors and it worked and stayed on indefinitely, but the heat produced was really hot (hot enough to burn paper on touch) and I'm scared that it will either cause damage/fire or melt the bulb, so any ideas? Thanks Try with 1x100ohm... I did and it works fine... no insane heating... so to clarify... if you dont have the map reading spotlights then you dont need to use a resistor? so to clarify... if you dont have the map reading spotlights then you dont need to use a resistor? No you won't need a resistor. The resistor is to stop the map reading lights remaining on dim when you are driving. Only place you will need a resistor is the footwell lights. I used one 150Ω resistor in the passenger footwell Try with 1x100ohm... I did and it works fine... no insane heating... Hi mate, I tried this earlier and it worked, but it still got extremely hot. (hot enough to burn paper if held on the resistor, so gotta be careful) I took it off and put the standard in again, but I am going to solder the resistor to it so I can place it further away from the plasic. Question, did you leave the basic plasic cover off or did you put it back on, even with the resistor inside? Also guys, realised earlier that I actually fit a resistor to both footwell bulbs. Is it worth taking one out and removing or shouldn't I bother since it's working OK? Cheers Scott I kept the black plastic cover and it didn't melt or anything... It's like this for over a month and it's all good. I have problems with puddle lights... It keeps throwing me DTC's on scans... But they work... So for anyone who got their boot led working, how'd you do it??? I wanna get this done tonight and can pick up anything I need from Maplin when I finish work. I have the bulb. I tried with no resistor, it didn't work. Tried with 1 x 150ohm resistor, didn't work. Tried with 2 x 150ohm resistors and it worked and stayed on indefinitely, but the heat produced was really hot (hot enough to burn paper on touch) and I'm scared that it will either cause damage/fire or melt the bulb, so any ideas? Thanks I've been using 2 x 150ohm and it's been fine....only problem is it don't come on sometimes because there not a lot of space for everything....eg. resistor and led bulb. Hi all, Just finished fitting the LED Globes to my A3 3 Door. A big thank you to tobycruse for his excellent instructions, and the same to the others in this thread, whose discussion has helped reslove my problems. The puddle lights were a pain as the connectors did not extend throught the hole. One Screw and some gentle levering of the door trim and I got them back in. On Tip I can give, that I have not read anywhere, is use the Footwell lights as a tester for the Boot, Puddle and Glove Box, the connectors are the same if they work there, they work in the orgin

the BCM module version 615 ... these OEM modules won't work. Use Search. +1 Those cars equipped with that particular version cannot use the OEM LED units as the CANBUS system throws a wobbly and the module version does not support coding out the monitoring of the circuit via VCDS. ive had t8ups lights in mine with no problems as have my mates since audis in the park wouldnt use anyone else Anyone know if there is any LED's that will work on a 62 plate RS3? Before anyone shouts I have searched, there is so much conflicting information out there now though! I tried the A5 units with no luck. Couldnt be coded to work apparently. I have a 2010 S3. Ive got a 2009 S3, what is the situation with these? Would the A5 LED's work? Ive got a 2009 S3, what is the situation with these? Would the A5 LED's work? I just bought the genuine audi LED's straight from audi, cost £30 for both, threw an error at first and they were off and on, but that was because the original screw was slightly out, bought some hex screws and screwed them in as far as possible, lights now work perfectly with no errors, never needed software. I have some trups LEDs but not sure how to take existing bulbs out. Is it just brute strength or are they special screws and I need to get replacements? Not the case. We disconnected the battery to see if it would work as my brother didnt have his computer with him. It made no odds - had to use VCDS to solve it. Worst case scenario you could of reset it with a v gate 450. I have one and it was about £40 from amazon (cheaper than any diagnostic test at a garage) and that will reset any fault code in any enabled module. OK, so before we all start patting each other on the back ... those of you with late 2010 and early 2011 cars with the BCM module version 615 ... these OEM modules won't work. Use Search. So I now have LED units (I think the same referred to by the OP - each unit has 6 LEDs) in my car - all working fine for now and first time I've been able to get plug and play LEDs to work without errors. I have the BCM 615 version. Lets see how long they last. I just bought the genuine audi LED's straight from audi, cost £30 for both, threw an error at first and they were off and on, but that was because the original screw was slightly out, bought some hex screws and screwed them in as far as possible, lights now work perfectly with no errors, never needed software. The main problem with fitting the new Audi A5 led's in, is the contacts which needs to be bent out to match (or there abouts) the original one's.I have a feeing they are only just making contact - hence the extra tightening of the screws. Anyone know if there is any LED's that will work on a 62 plate RS3? Before anyone shouts I have searched, there is so much conflicting information out there now though! My thoughts exactly. I have recently purchased a TDI Sportback (2010 plate) and one thing I would like to do is to change the number plate bulbs to a 'whiter' light, but have not seen many normal bulbs that would provide this, just LED'S. Even 'error free' canbus compatible bulbs don't seem to work as they still bring an error up on the dash. I have also searched but as you say, there doesn't seem to be a definitive answer. There is a fix fella, will find my original post but the oem leds and a number plate wire does the trick. My thoughts exactly. I have recently purchased a TDI Sportback (2010 plate) and one thing I would like to do is to change the number plate bulbs to a 'whiter' light, but have not seen many normal bulbs that would provide this, just LED'S. Even 'error free' canbus compatible bulbs don't seem to work as they still bring an error up on the dash. I have also searched but as you say, there doesn't seem to be a definitive answer. Thanks for that very helpful! I've read pretty much all the number plate LED threads on here, tried all possible combinations and these are my findings. 2009 and earlier seem to work with no errors, be it bulb replacements in OEM housing, or complete unit replacements bought from eBay vendors. 2010 and 2011 models require load balancing on the circuit due to VCDS software used unable to code out LED use. This link has a manufactured resistor using OEM male and female connectors to bridge the circuit. No cutting, no splicing, just plug and play. You will need to remove your inner boot liner to fit this: Adapter plate LEDs Audi A4 B6, B7 / Audi A3 8P-39298-1 I know it works because I have one, and it's for sale for £30. It cost me £35 after delivery from Germany. If you have a 2012 model like me, then you code out the LEDs, like Trups from this forum has done for me. It's a 2 minute job, just a tick in the correct box on the software. Job done. The hard way. Does anyone know if the genuine A5 ones will work on a 2004 A3 ? T8ups do you have some rear number plate bulbs for my Audi a4 by 07 plate had bulbs off you before no probs Send him a direct message not open up an ancient thread thats unrelated to what you want. Page 2 i use genuine A5 number plate bulbs in mine had um in for over 1 year All this for a couple of number plate lights? Am i missing something Reactions: tdi-man i have a problem with my sidelights not working.. i put canbus led's in and they stayed on for a bit and then went off so put original halogen sidelights back in and they came on for about 2 secs and went off...:/ how do i sort it? I want led bulbs/ units for my 56 plate a3 8p sportback What are my options? Got mine for roughly 13 Euros (2 pcs), work flawlessly. Ash187 I've bought bulbs like this before that don't work! Have you used these ones? Anyone had any issues with radio signal being poor with led bulbs in the number plate bulb holders? Not me, i got mine of T8UPS on here Anyone know any Number Plate LED lights that will work with a 2010 8P3 Audi S3? None seem to work for me you probably need a little loom - i got one from trups - its essentially a bulb holder that fits inline. worked first time, no issues since. I bought a pair of these bulbs off eBay: CANBUS LED/SMD NUMBER PLATE BULBS AUDI A3 03+ on eBay (end time 12-Mar-11 10:38:47 GMT) My old LED bulbs were throwing errors, and switching off about 2-3 seconds after coming on. I swapped them out for these new bulbs, and the new bulbs haven't ONCE illuminated. I've played with the connectors, as I had to the first time round with my first set of LED bulbs, to make sure they contacted properly inside the tailgate. I've swapped them end to end, and rotated the bulbs to make sure the heat sink can't short out on the connector tangs, and all four bulbs (two old, two new) work just fine when hooked up to my battery. WHAT IS GOING ON?! My old bulbs won't light up now either. I disconnected the car battery for about ten seconds or so, wondering if an error needed clearing, but I'm clutching at straws now and getting flipping annoyed with it! is there power to the bulb fittings? Make sure the connectors on the bulb holder arent bent and that they are making contact with the connectors inside the car whan the light is pushed back into place, mine didnt work and had to be pushed back firmly and wriggled around a bit before they worked, this was when I was just replacing a regular bulb! I bought these led's of ebay and they work in my 04 A3 with no problems: ebay Item number: 320630818716 Do you have some original bulbs you can try? I guess you could have accidentally blown a fuse by mistake? johnnythepie - I was getting about 0.3V at the contacts...I don't trust my multimeter much, but I do appear to have power there. locost - I've tried them in about 25 different positions in the last two days, and am aware of their fiddly awkward habits! lol The bulbs I have are working successfully for a number of forum members. Khufu - No original bulbs unfortunately, but the LED bulbs I'm replacing used to work with the Coming Home lights for a few seconds before switching off, but that set of bulbs doesn't work either now. I hurriedly checked the fuse panel lid last night by torchlight to check the corresponding fuse, but couldn't find one listed. There was a courtesy light fuse I think, and interior lighting etc, but nothing for the number plate bulbs..and I don't have any other bulb faults around the car. I'll check the manual tomorrow to see which fuse covers the number plate bulbs. I have exactly the same issue mate, not a sausage from the very same bulbs! The LED works fine though, check them on my brothers golf! I bought some new standard bulbs and they dont work either. I've tried messing with the contacts and still nothing. Fuse has been ruled out as they are on the same circuit as many other things that still work Scratching my head every day thinking about them to be honest, my next step is to buy new bulb holders. Well that's just great. I've read of one or two others in similar situations over time, and you're certainly in exactly the same boat as me. Welcome to my Club of a Really Annoying Problem! I've got continuity across the terminals of the bulb holders with the bulb in place, the bulbs work, and I appear to have voltage at the pads inside the tailgate. I'm stuck, and much like you, keep wondering how to make them work again. Does an error need clearing somewhere? I remember having strange issues fitting the first pair too...they didn't work at first, and then the standard Audi bulbs wouldn't work when I re-fitted them to troubleshoot. ****** CANBUS! What are we meant to do, hey? Having the same problem...LED on the right hand side switches on for about 2 seconds before going off. The Left hand LED doesnt switch on at all. They both worked fine for about 2 weeks though..havent had a chance to fiddle about yet. Try running an earth wire from your bulb to a good earth not on the tailgate Bit of logic here but if the std bulbs don't work either and you have 12v input.....then the bulb is shot or you have no earth. a poor earth will possibly work for a second or two. Hi All, I have exactly the same problem on my A4, old bulbs don't work now, right hand side LED comes on eventually and left hand one has no life at all, tried in wifes merc and bulb does flash - but errors on dash. Any ideas would be great - head scratcher! Si Hi All, Any ideas would be great - head scratcher! Si Stop trying to mess about with led's ?!!!! lol The sensitivity of canbus systems seems to vary considerably from car to car particularly with regard to led's. I have fitted sidelight led's to my 2006 sportback and the nearside one throws an error every time I first start the car in the morning. As soon as the battery voltage has increased after running for 30 seconds or so then if you turn off and on again the light works and the error disappears. It is all to do with the lower current draw of led's and the lower the battery voltage then the lower the current draw. The control module does not have the same problem because it runs with a much lower operating voltage so it is quite capable of detecting this so-called fault even though the battery might be down slightly. Once it has detected this 'phantom fault' then it has switched off the power to that circuit and it can not be re-set until the circuit has been switched off and on again. Suggest you remove led's and replace with standard, known working, bulbs. Remove negative battery terminal for a minute and then re-connect. Then try again. I did not need to clear any fault codes for the lights to work. As a point of interest each side of the car is treated separately by the computer so one side could work whilst the other side doesn't ! This also applies to the fuses. Bluespark - pleased to hear you have found some that work. However you don't say what year your car is. It is clear from the dozens of threads on this subject that different cars have very different computer sensitivities. Just because they work with your car, please do not assume that they will work with all others ! Also, as you will see from other threads, initial,cold start battery voltage makes a big difference and if it's too low the computer will switch the circuit off and throw an error. hello mike, yeh my car is a 2006 2.0t and just thought i would post up some i found to work after several attempts of me buying ones that didnt! lol Last edited: Feb 12, 2011 Bluespark - Those are the bulbs I have! paddy - I don't have standard bulbs to try, but the last pair of LED bulbs I had that USED to work momentarily don't work even for a second now. However, when connected to a direct 12V source, both pairs of bulbs work. Bluespark - Those are the bulbs I have! paddy - I don't have standard bulbs to try, but the last pair of LED bulbs I had that USED to work momentarily don't work even for a second now. However, when connected to a direct 12V source, both pairs of bulbs work. Hi Heeman - check out post #14 !! Its funny how trends go round...In my day it was advisable to keep your number plate lights as dim as possible as they ID your car at night should you "accidental" be doing 50mph in a 40mph zone etc. Kids today are so honest they go out of their way to make sure they are easily identifiable How times change. Reactions: y2s786 Bluespark - Those are the bulbs I have! paddy - I don't have standard bulbs to try, but the last pair of LED bulbs I had that USED to work momentarily don't work even for a second now. However, when connected to a direct 12V source, both pairs of bulbs work. My point is that if you really do have a constant 12v and you know the bulbs are ok.....then it must be your earth. so take a bulb out of your tail light and try that, you only ned to hold the wires against it. paddy - I read and understood your point, but have been out all day. Will see what I can do tomorrow, though we are due some rain. I went to the trouble and expense of upgrading all six bulbs in my headlights because I really dislike yellowy lights. The standard number plate bulbs give off that same yellowy light, and the crisp white light LED bulbs throw off is much more attractive to me The trouble is its all the canbus/CE module complications. I'd need to check wiring but are they: A) 12v to bulb & earthed via the CE module only when its happy or B) supplied 12v to the bulb only when CE module is happy paddy - I read and understood your point, but have been out all day. Will see what I can do tomorrow, though we are due some rain. I went to the trouble and expense of upgrading all six bulbs in my headlights because I really dislike yellowy lights. The standard number plate bulbs give off that same yellowy light, and the crisp white light LED bulbs throw off is much more attractive to me I did the same but isnt the side light in the head lamp the same bulb as the plate light ? in which case there is your answer I did the same but isnt the side light in the head lamp the same bulb as the plate light ? in which case there is your answer Don't think so mate - the sidelight bulb in my headlight is a 501w and the plate bulbs are festoons aren't they ? Not that I've actually taken the plate lights out so could be wrong !!!lol They are completely different bulbs. How on earth are you supposed to check for correct voltages when the car turns off the power supply if it's unhappy about the situation? It makes diagnosing these issues a blinking nightmare! If all else fails buy a new set of bulb holders for £16 from Audi, I had the same problem with mine and LED bulbs. They are completely different bulbs. How on earth are you supposed to check for correct voltages when the car turns off the power supply if it's unhappy about the situation? It makes diagnosing these issues a blinking nightmare! There is a way ! But you need a large wattage (min 5 watt) 33-47 ohm resistor. Try 47 ohm first. Connect the resistor across the terminals just like a bulb and switch on. The resistor will fool the computer into thinking there is a bulb in and it will not switch the circuit off. Then you can test the voltage across the terminals. Don't leave it switched on too long and don't touch the resistor because it will get very hot ! I've tried fiddling about with LEDs for the number plate in my A3 after one of the old bulbs blew - regrettably now spent over 30 quid on various different types that claimed to be CANBUS error free and they still don't work. Bought a pair of brand new filament bulbs to keep me going and they don't work either. I get the annoying bulb out warning on the dash constantly. Will the error clear if I disconnect and reconnect the battery, or will I need to get it cleared with diagnostics? Have you tried adding a resistor to the circuit? Did this with mine and all lights working perfect with no errors on the DIS 54 plate. Money well spent then lol! Will you please tell us all whether or not they work ?!!! Thanks mate. ECS tuning has them. I've used them for 2 years without any problems. Installed in 5 min Page 2 Ah ok mike lol. I shall be getting round to trying to fit them today. Will let you know the outcome, probably with a few frustrations along the way! Well just tried fitting the lights! I gve up after 5 mins!! I took the old one out. Fitted the new one but....it doesnt sit in the housing properly. Keeps spinning! Now the reason i think this is due to is that the metal resistor is heavier than the LED part. So as soon as i screwed it back up, i saw the light but wasnt facing onto the plate. By this point i started to get abit annoyed! Try to make the fitting tighter! That werent happening.....Soooo i put the old original bulb in and guess what? That fooker dont work now!! Did you put the old bulb back whilst it was still switched on ? Yeh I tried that mike. Quick update on the process. Had a mate help me out. We got one of the led bulbs working. We then tried the other one. When I took off the old bulb holder it had snot of limescale and corrosion, scraped the **** off. The led didn't come on but the first one was working. We then tried the old bulb again and it still didn't work. Possibly a blown fuse? Not sure? But the first one is still working!! Yeh I tried that mike. Quick update on the process. Had a mate help me out. We got one of the led bulbs working. We then tried the other one. When I took off the old bulb holder it had snot of limescale and corrosion, scraped the **** off. The led didn't come on but the first one was working. We then tried the old bulb again and it still didn't work. Possibly a blown fuse? Not sure? But the first one is still working!! You do know they only work one way round don't you?!! The computer has switched the circuit off! You will also have a bulb error on the DIS ? Each side of the car is monitored separately. It is unlikely to be a fuse although it could be I suppose. I tried both ways mate too no avail. Strange how one works and not the other!? Ok. No there is no warning at all. Strange ! Are you able to test if there is any voltage across the terminals ? I didn't test if there was any voltage, but I had exactly what you have now, no light warning on dash etc. So I tried to swap bulbs around, that didn't work, I then tried putting original bulbs I'n and neither did that work. So now both bulbs don't work and I now have the light sign coming up on dash! Nightmare. Don't know how to get round it mate. I didn't test if there was any voltage, but I had exactly what you have now, no light warning on dash etc. So I tried to swap bulbs around, that didn't work, I then tried putting original bulbs I'n and neither did that work. So now both bulbs don't work and I now have the light sign coming up on dash! Nightmare. Don't know how to get round it mate. I think you'll have to clear the fault codes if the originals won't work. Presumably all other lights work ok ? VCDS with the help of someone near you or a VAG specialist. VCDS with the help of someone near you or a VAG specialist. just thought id put this out there..... thats so crap! im getting jb0o to put my cruise control in next week so ill get him to clear the codes....and i guess put the old ones back in ! so crap! just thought id put this out there..... thats so crap! im getting jb0o to put my cruise control in next week so ill get him to clear the codes....and i guess put the old ones back in ! so crap! Jnash - I don't who you are, or who you think you are ! I do know that you don't know what you're talking about because you don't clear codes and put the old ones back - you just clear the fault codes ! When you have posted more than two posts and learned how to behave on the forum then, no doubt, someone may decide to listen to you. I should also say that I know Jb0o very well and I don't think he will be very pleased at your rude and totally unhelpful comment ! You probably don't even know what VCDS is or how many people on here have it and are prepared to help other people for nothing. I suggest you take a step back and re-read your post with a view to correcting your attitude in the future. Hi Mike I didnt mean to cause offence, quite simply i was saying that it so crap that we cant just put leds in and they work (like every car ive had before) When i posted this, i was under the impression that the VCDS is the normal bog standard piece of kit and that seeing the JB0o was sorting out my cruise control, whilst its plugged in, he could wipe the fault. (im still under the impression that its a simple, click read, and clear faults) I must say that i do happen to have access to a VCDS also (My Dad has a body shop and the specialist next to him has the full kit) and the last time this happened to me (a month ago when i put the normal white leds in) we got the fault cleared and i put the old ones back in. When i said clear codes i meant clear FAULT codes.....My Bad! The error on my DIS appeared for a while and after turning off the car they started working again. Like i said it was simply a rant that its so hard to replace the bog standard bulbs. Didnt mean to offend anyone.... Last edited: Mar 23, 2011 Hi Mike I didnt mean to cause offence, quite simply i was saying that it so crap that we cant just put leds in and they work (like every car ive had before) When i posted this, i was under the impression that the VCDS is the normal bog standard piece of kit and that seeing the JB0o was sorting out my cruise control, whilst its plugged in, he could wipe the fault. (im still under the impression that its a simple, click read, and clear faults) I must say that i do happen to have access to a VCDS also (My Dad has a body shop and the specialist next to him has the full kit) and the last time this happened to me (a month ago when i put the normal white leds in) we got the fault cleared and i put the old ones back in. When i said clear codes i meant clear FAULT codes.....My Bad! The error on my DIS appeared for a while and after turning off the car they started working again. Like i said it was simply a rant that its so hard to replace the bog standard bulbs. Didnt mean to offend anyone.... Ok - I accept that what you said was not what you actually meant ! That's the problem with email/text - you can't tell the intonation of the comment. Suppose that's why we tend to use smileys and lol's - just to clarify whether serious or not etc. Next time you post, please just have a read and see if anything could be taken the wrong way - as I did your message :icon_thumright: By the way, you've now bought an Audi and you will soon see that it's not the same as just any old car.!! lol VCDS is a sophisticated diagnostic program that does many things other than just clear fault codes and that is why it costs £250 or so to buy. It is not just a fault code reader that you buy for £20 off ebay. Good luck with the cc retro-fit, I'm sure Johnny will sort you out. no problem... right pain though, my 1.8 turbo never had any issues with the leds all over the place and a HID kit... cant do anything to my new one... i understand embedded chips are the way forward (im a consultant for microsoft) .... but what a pain in the a$$.. right now i have one led working, looks soo pants... Ill put the old bulbs back in tonight, hopefully the issue will resolve itself if the connection and the voltage is made... one day ill be able to afford a brand new car out of the factory and order the extras im missing so dearly!!! no problem... right pain though, my 1.8 turbo never had any issues with the leds all over the place and a HID kit... cant do anything to my new one... i understand embedded chips are the way forward (im a consultant for microsoft) .... but what a pain in the a$$.. right now i have one led working, looks soo pants... Ill put the old bulbs back in tonight, hopefully the issue will resolve itself if the connection and the voltage is made... one day ill be able to afford a brand new car out of the factory and order the extras im missing so dearly!!! I see you mention HID kit. There are loads of threads on here about it but let me give you a piece of friendly advice. Never, ever try to fit aftermarket HID's because they will blow your wiper motor ! I am serious.! If you want them you will have to go OEM and get the self-levelling gear and headlight washers fitted to be legal. Honest !! hence the "cant do anything to my new one" im very aware of it and staying well away from it.... the headlights and ballasts i have seen for around the £250 mark on ebay, not sure about the leveling motors and washers, are these plug and play like the actual oem headlamps? hence the "cant do anything to my new one" im very aware of it and staying well away from it.... the headlights and ballasts i have seen for around the £250 mark on ebay, not sure about the leveling motors and washers, are these plug and play like the actual oem headlamps? which im sure costs loads, ill see how my diamondvision bulbs look when i get them! My new tailgate bulb housing/handle arrived in the post today. For your £58 you also get new bulb holders with bulbs fitted. All I needed was a tiny part from inside, but got the whole ****** shebang! I'll fit it soon and report back. Mine came through the post today, plugged them in and the work first time and they look pretty good (not to rub it in!) I'll be checking the housing in a week or 2 though to see if they are overheating and melting the plastic These are the ones i bought: LED NUMBER/LICENCE PLATE BULBS AUDI A3 03+ CANBUS on eBay (end time 13-Apr-11 17:20:26 BST) Thing is mate, now the lighter nights are upon us and we don't use the lights as much they may be ok for some time. Those heatsinks are there to make it look like they have addressed the canbus/resistor problem and the heatsink is to dissipate the heat from the (required) resistor. Fact is that all finned heatsinks require an airflow to cool them . That's why all computers have a fan ! If there is no airflow then the heatsink gets hotter than the resistor and will melt plastic. Please be vigilant and regularly check the housings. Fact is that all finned heatsinks require an airflow to cool them . Or a large enough volume of air around them for the heat to be dissipated to the environment, and kept away from heat-absorbing bodies. Sadly, our red hot LED number plate bulbs have neither. I drive with my headlights on at all times anyway. Having a dark grey car doesn't help my visibility, and there are so many drivers out there who pull out at roundabouts without even GLANCING to their right that I'd rather improve my chances of being seen as much as possible, than succumb to one of the millions of drivers who prefer to chance it each time they pull out onto a road! I leave my autolights on and they do tend to light up early evenings. Maybe not so much now but i would rather not worry about these troubles. I think after i get that rounded screw out of one of the bulb holders i will go for the mtec bulbs i mentioned and report back. they are 10W though which makes me worry a bit Update I fitted my new number plate light housing tonight (including tailgate handle etc) and all is well. I finally have number plate lights again, after a month or more of orange bulb failure warning! Granted, I've got crappy standard yellow bulbs in them, which I HATE, but at least I'm legal again. Good News bro! Im going to stick to nasty yellow ones! LOL OR.....HERES THE SAFEST ALTERNATIVE TO ALL! Self-adhesive illuminated air fresheners? Great!! Yeah I'll stick with what I have for the moment, don't fancy another £60 bill to repair the damage done by my LED bulbs LOL there those push button leds that you can put in cupboard's bro. Safest solution! I am just wondering if anyone has tested any new LED bulbs? I would like to update my license plate lights but would like to avoid damaging the vehicle.. The existing 5W incandescentâ€™s are plugging away and it appears they have melted the housing slightly over the years. I have noticed several variations of LED's on ebay with resistors mounted on them and different resistance sizes.. I would of course like to choose a model with the least resistance possible but I am unsure what the A3 requires. I tested non-resistive LEDâ€™s in my 2006 and they came on for about 2 seconds and just shut off, apparently 2x Ledâ€™s still do not consume enough juice to be recognized as bulbs in our cars. I was also wondering if they make incandescent bulbs with a blue tint so they appear to be white in color? Here are a couple different models I have seen: 2x 36mm White SMD LED Festoon BMW Bulb Light No ERROR S | eBay (39mm, I see 2x 910 and one 151 resistor, much more than others I have seen) eBay - New & used electronics, cars, apparel, collectibles, sporting goods & more at low prices (39mm, No idea of the resistance) eBay - New & used electronics, cars, apparel, collectibles, sporting goods & more at low prices (These are interesting as I only see 2x 151 and 1x 241 resistors, mayby more on the back side? Cant tell..) It would be nice to hear from others one how theirs have performed over the years. Also did you go with the 36mm or the 39mm? It seems the 39 is longer than the factory bulb but has a nice snug fit. Any comments on the components used? It looks like some have resistors and other have an additional component. Has anyone done any comparitive tests to see what the current draw is for a regular 5W bulb and these LED's? How about resistance? Thanks Current = watts divided by voltage. Therefore 5 divided by 12 = approx 0.5 amps (near enough for our purposes) LED's current needs to be limited to approx 50 milliamps otherwise they will burn out so assuming 50 m/a each you would need 10 led's in parallel to achieve the same current and therefore stop canbus errors. This is obviously impractical so parallel resistors are required to take up the necessary remaining current. Also you need a series resistance to limit the current for each led to 50 milliamps. On a 12 volt circuit Ohms Law tells us that [current = voltage divided by resistance] with current in Amps. Therefore :- .05 = 12/R; therefore R=12/.05 which is 240 ohms. At 12 volts each led requires a series resistor of approx 240 ohms which gives that circuit a total current draw of 50 m/a 2 led's in parallel would equal 100 m/a therefore the parallel resistor required would need to draw the remaining 400 m/a to make the total circuit draw 0.5 amps. Ohms law again shows resistance required is 12/0.4 = 30 ohms. This 30 ohm resistor needs to be approx 5 watts (which is big) to be able to dissipate the heat. So, for a two led circuit to operate without any canbus error you would need two 240 ohm resistors each in series with its led and a 30 ohm parallel resistor with a 5 watt rating. These figures are of course approximate but give you an idea. Sorry for the technical blurb but blame it on Ohms Law, not me !!!!!! lol I had that problem when I tried fitting my LED plate lights. I bought ones with holders, but when I put one in it didn't work, then put it on the other side and it worked but the original one I had put back in didn't work. Tried both LEDs and neither worked, so put back the original ones in both and neither of them worked. I gave it a wee break so I didn't end up kicking something, and went back out to give it another go. Turned on the car and the 2 original ones were back to working fine. I think it's just the connector spring strap bit isn't right on the LED holders, and I'd bent them down a bit when taking them out (or maybe even putting them in) on the original ones so it was just a case of letting them settle back up as they should be, so there was good contact. Not had another go at fitting the LEDs, but since I got new indicator bulbs and fogs to put in, I might give them another chance to not get thrown in a river somewhere. I fitted standard led replacement bulbs without the resistor to my numberplate over a year ago and they have never worked only if i open the boot which is odd.It was a funny moment during the mot as the guy walked round to check the number plate lights i opened the boot and he looked at me i said there you go mate and pointed at them, passed! Hi all, Number plate lights went out the other day, I got some new units - the actual plastic bits with the contacts in, and popped in some LED bulbs with them. Bulbs are all lit up and working fine, no flickering etc, but error still on dash. Cleared with carista but comes back. Will this need to be cleared with VCDS or will it be the bulbs causing it? Bulbs are the festoon ones from Halfords so not eBay cheap ones. Cheers. Sent from my iPhone using Tapatalk Number plate bulbs can be a real issue - if you replace with LED then you need a resistor to balance the difference the CANBUS is expecting. With VCDS you can set that you have LED however this won't guarantee that the dash error won't still happen. All of my LED upgrades were from EMTuning - Trups sells a kit for the 8P however, I still got the bulb out error. The only way I've found to resolve this is to get genuine Audi A5 number plate lights and still update the cold test in VCDS. Number plate bulbs can be a real issue - if you replace with LED then you need a resistor to balance the difference the CANBUS is expecting. With VCDS you can set that you have LED however this won't guarantee that the dash error won't still happen. All of my LED upgrades were from EMTuning - Trups sells a kit for the 8P however, I still got the bulb out error. The only way I've found to resolve this is to get genuine Audi A5 number plate lights and still update the cold test in VCDS. Interesting, thanks for the info man - is EMTuning on here or do you have a link at all? Frustrating cause I've done the interior ones and they're perfect, and the bulbs are actually functioning right! Is it much hassle to fit a resistor, and any recommendations on where to get these, or do they come with the kits from EMTuning? Cheers! Sent from my iPhone using Tapatalk Trups also does the 8p number plate lights with a small loom with a bulb on the inside of the tailgate. I have this and have never had any issues or bulb warnings at all. The resistor loom from Em tuning just plugs in line with number plate loom so easy to do. Bought LED on ebay set with bulbs, just plug and play, no errors on dashboard, AUDI A3 8p 2008, hope it helps Ordered a set of 36mm festoons for my car, fitted them but they are a loose in the holder, you can spin them right round in the holder and sometimes they won't even light up when the car is on, if I tap the holder they come on Read on many forums that it takes 36mm so was a bit annoyed that they are a bit short. Originally orderd 38mm but they were too long, and the 36mm is too short so I'll have to order 37mm Has anyone had this problem? Last edited: Jun 7, 2014 I tried that in the early days. I tried bending the little tabs a bit to hold them tighter but mine still slowly moved. In the end I got so fedup I brought a genuine pair from a dealer on the German ebay at a good price. Maybe worth keeping an eye out. The genuine led lights are a complete unit instead of a bulb. Have you pm'd T8ups to see what he has ??? i briefly read a few of his posts on here and i dont think he has any that works properly on the B8. The ones i got work perfectly fine, no errors on the dash. They are just too loose for the holders 4G0943021 are the official B8 ones from 2012 onwards, is there any way of coding out the cold diagnosis!? Well he has them for an S3 .... Got 38's in mine but they were a ****** squeeze!! they dont show errors iv got them in a A5 Last edited: Jun 8, 2014 I've brought number plate full housing from that same company and still throw up errors in Audi A3 2010 8P. They said try the resistors which is nada for me i briefly read a few of his posts on here and i dont think he has any that works properly on the B8. The ones i got work perfectly fine, no errors on the dash. They are just too loose for the holders I have all mine from trups and works no issues. I have Trups LED number plate bulbs, ice white and absolutely no errors, been in 3 months How much is trups charging? Got sorted, had to bend the pins a little, no bulb errors at all Also private reg on Looks good Aaron, glad you got sorted in the end! Reactions: Brennan Police just had a word with me when I pulled up saying my number plate lights are too bright and they couldn't read them which is rubbish! I have led ones, it can be read, they said I should change them. Anyone know the MOT laws on this? Has anyone else had this issue? Just say there factory fitted and they cant say anything lol they pulled me for same reason and said ok and i went They said look at ours (new shape Astra with dull yellow lights) I said yeah new cars are fitted with led can us technology and they said there not factory fitted which there right but they could have been and said if it were traffic police they would have gave me a fine or more :/ yeah ok! Do a layer or 2 of lamin-x on them and that should calm them down a bit. :icon_thumright: Disnt say anything to me i said there factory fitted and went, but i get stopped atleast 10 times a year lol for no real reason Disnt say anything to me i said there factory fitted and went, but i get stopped atleast 10 times a year lol for no real reason me and u both, been stopped 7 times if im right so far. My cars not far off the way urs looks lookin at ur avatar. Never been stopped for ma LED's tho. i've been stopped for driving 40 in a 30 when i didnt break 30 once cos i knew they were behind me, i've been stopped because no car details came up on NPC but after a second try everything was there magically, i've been stopped 4 times cos "an audi similar to yours made away from us earlier in the day". On the third time, i asked the police woman why i'm constantly getting stopped for this reason... her response was "there must be a lot of audis like urs making away from us" the other time was because the vehicle was newly in my possession and was still registered to an address 100 miles away. As for the legislation around it, i don't think there are any. If they can make DRL's so bright up front, to the point where i've seen cars use them as headlights with no other lights on at night then i see no harm in LED number plate lights. And if they're factory fitting them nowadays then there can't be issues with them. Reactions: Ironborn The best one i got stopped for was- i just closed my shop after a 13hour shift and was on the way to the gym at 8pm then i saw blue lights on a undercover 3 series estate bmw, he came to the door and said get out the car so i did and turned it off and say in there car he then said "the reason im stopping you is because a stocky asian man was seen in the surrounding area in an audi trying to kidnap a woman" i just started laughing and then had to take them all the way back to my shop in there car to prove i had been in the shop via cctv footage, then they took me back to my car which was a 10minute drive away and i gave them silent treatment and didnt respond to any questions to peee them off it worked lol Reactions: Ironborn and sliced I get pulled for LED foggs and just say they are drl's lol sidhu upload pic of your car Not the best pic, aint had a chance to get many good ones since i put the splitter on. PD170 sportback, factory chrome mirrors btw. I didnt like em at first but they grew on me Reactions: TDI140 Depending on the type of number plate LED's you've got, you might be able to turn the bulb round. What I mean is, if you've got the ones where you replace the whole unit then this won't work, but if like mine you've just replaced the festoon bulbs then you can spin them round in the holder until the LED's are facing away from the clear plastic lense. I did this until I found an angle where the light wasn't too bright and looked more OEM. I prefer it to look crisp and original rather than over the top. There's an older 5 series BMW that I follow to work sometimes and his number plate lights are so bright that the reflection off the plate is actually dazzling. God knows what sort of bulbs he's got, but he certainly got his money's worth when he bought them though. Apparently theres a kidnapper with an audi where i work lol, best comback i had for wheel spin once was too much torque lol Sidhu yours looks abit like my car Just washed Been forver searching for a decent pair of LED number plate lights...searched the forum and found a pair for 35quid+...dont really want to be wasting the student loan on that..anyone know of any inexpensive LED's which dont throw up a error? Much Aprreciated! i will soon tell you as i am fitting a set of these at the weekend Is it 12quid for the pair? or for each bulb...look quality!. Got the coming home lights on my car which also lights up the number plate..so i reckon it should change the look! Ordered! Thanks everyone..hopefully shud be simple to fit! Got mine - same as i n the ebay link on friday fitted today look lovely but..... 'Rear numberplate blub' in the warning on the dash !!!! GRRRRRRRRR so they do not work with the B7 i like so if i get resistors will the warning dissaper ?? anyone know? if so which ones can i get and where from ? i also purchased some audi compatable LED sidelights 360 degree ones as i have them in another car no probs, in this one ' sideligh' warning, so resistors needed there also am fitting a H7 Hid kit tomorrow..... gonna test before i go the whole hog i think, even though its £200 kit from hids 4 u and meant to give no warnings mate ive just fitted some today and got the number plate bulb warning,this is a pain in ****,i ordered some normal led ones before and messed around with resistors but it just a pain in **** as you have to wire them in series. ok - time to sound thick here whats wire in series ?? i have wired some resistors to my astra i used to have, it was literally a case of soldering them between the 2 wires how would i use a resistor on my a4 ? would the same apply for the side lights and things like indicator bulbs leds it might be me being thick as it might be in parralel,but basically im pretty sure the resistors have to be wire like ---resistor----led------resistor----led not led led resistor resistor If that makes sense Last edited: Feb 27, 2010 so one resistor across both wres on each light r could i soldier to the back of the bulb perhaps? i thought a resistors point was to trick the cars ecu into thinking there is 'load' on the wire as leds use less power the ecu things the bulb has gone due to reduced current so where exactly in laymens terms do i put the resistors so one resistor across both wres on each light r could i soldier to the back of the bulb perhaps? i thought a resistors point was to trick the cars ecu into thinking there is 'load' on the wire as leds use less power the ecu things the bulb has gone due to reduced current so where exactly in laymens terms do i put the resistors The reason the warning occurs is because with a normal bulb it makes a circuit which is what creates the resistance needed for the system check. In an LED the diode doesnt make a circuit. Look closely at an LED and you will see the two pieces of metal which emit the light dont actually touch therefor no circuit is created, hence the need for a resistor Is the "light out warning" a standard feature?? These bulbs can't work on some cars and not others. Has anyone upgraded all their front lights to LED's?? I was looking for some front fog LED upgrades. Anyone know what Resiters/ohm rating we have to use to cancel the warning? Wonder why they work on some cars and not others, is it year related? i am on this - started a thread about LEd / SMD am refitting at the weekend, have purchased a load of resistors and will let everyone know tried resistors in mine they get very very hot so just by accident i wired up a 5 amp bulb extra on same circuit as number plate bulbs and no problems with warnings etc perfect no flicking and bulb not hot at all, just means a light on in boot A4 08 plate cab Yeh i saw that on a bmw website....does the birghtness of the LED become slighlty dim due to the extra resistence? Yeh i saw that on a bmw website....does the birghtness of the LED become slighlty dim due to the extra resistence? I wouldn't have thought so....certainly no more so than if you put a resistor in parallel with the LEDs just to save peole time and agro - the leds at the start of the link via ebay do not work, they give light out warnings and the seller offers no explination and no refunds or exchanges avoid and see my guide after sunday for working results (hopefully) lol I had these, didn't work on the 2007 model (even managed to break one trying to fit it), but got a refund from the same shop (f1autos) and told them they should adjust their advert saying they didn't work with 2007 models. Push for the refund will do i have sent 4 emails now, i am gonna just do it via paypal the ad still says b7 compatable call them on the number they sent with them (not the ebay route..) got a reply saying to post back for a refund ! which i have done got me some other ones now - over on my LED thread I managed to fit my number plate LED's this weekend. I managed to get round the error on the DIS by fitting resistors to the bulb holders (although is does beep when I turn the car on but the warning goes away straight away), my set up is: One 150ohm resistor on one of the bulb holders and One 100ohm resistor AND One 120ohm resistor on the other bulb holder. The problem is, the one with the 2 resistors on is dimmer and has more of a blue tint than the one with one resistor (probably due to the current the resistors are drawing). Which resistors did you guys use? I've only spent £2.75 on this mod so far so I should have some budget for more resistors :thumbsup:! I havent bothered with heatsinks and things, drove around for an hour and a half with the lights on and nothings melted.