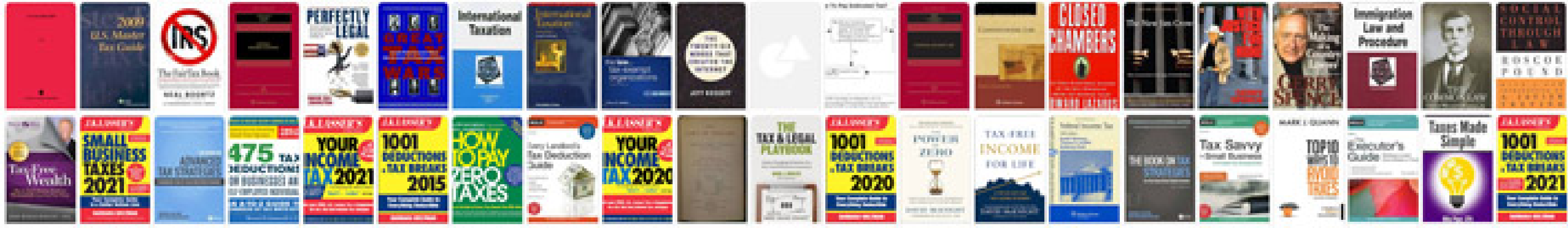

How to change headlight on pontiac g6

PDF Download

Download

The Pontiac G6's usually don't have to be adjusted, as they are preset at the factory before being sold. However, if certain conditions occur, such as an accident or headlight replacement, then it is possible that the headlights will need to be aligned. Pontiac recommends that you take it to a licensed dealership to have this service done, but you can do so at home with minimal fuss. Park the vehicle on a level surface, 25 feet from a flat wall. Make sure the vehicle is parked perpendicular to the wall, and that the G6 is approximately the same weight as when it is operating-- that is, make sure it's not loaded down in the trunk with extra weight, or over the car with snow or mud. The vehicle should have a full tank of gas, and a person that weighs the same as the normal operator of the vehicle, should be in the front seat usually that is measured at pounds. Find the "aim dot" on the headlight. The aim dot will be a small dot in the center of the headlights. As the headlights for a G6 are broken up into three separate lights in one casing, the aim dot will be in the center of the middle light. Measure the distance from the ground to the aim dot with your measuring tape. Take note of the distance. Measure the same distance from step three, up the face of the flat wall in front of the car. Mark off the height, directly in front of the car, with electrical tape. Open the hood and turn on the low-beam headlights. You will notice that the headlights shine at the wall, and you can determine if they are aligned by where they fall in relation to the tape that you put down in step 3. Find the vertical headlamp aiming screws. They are located on top of each of the headlamp assemblies, under the hood. They will look like screws, but you need to use an allen wrench to adjust them. Turn the vertical aiming screw with the 6 mm hex key. Do so until the beam of the headlamp is below the tape line from step 3. The top edge of the beam should be situated so that it is roughly two inches below the tape mark. Do the same series of steps for the opposite headlight, adjusting it to the proper positioning as well. Step 1 Park the vehicle on a level surface, 25 feet from a flat wall. Step 2 Find the "aim dot" on the headlight. Step 3 Measure the same distance from step three, up the face of the flat wall in front of the car. Step 4 Open the hood and turn on the low-beam headlights. Step 5 Find the vertical headlamp aiming screws. Step 6 Turn the vertical aiming screw with the 6 mm hex key. A headlight bulb in a G6 may fail for several reasons, such as moisture buildup, age, or front end damage to the vehicle. Replacing a damaged bulb should be a priority to ensure your safety when driving. The process of replacing a headlight in a Pontiac G6 can be a little trickier due to the snug-fitting headlamp assembly, but it is definitely within the car owner's ability. Release the ball stud from its retaining clamp in the fender bracket by pulling the headlamp assembly. Pull out the bulb assembly by turning the bulb socket counterclockwise and disconnect the socket from the headlamp wiring harness. Reinstall the access cover by turning it clockwise and push the headlamp assembly back into place, being sure to put the ball stud back into the retaining clamp. Reinstall the front grill fasteners and the pair of headlamp assembly securing screws. Ian Cooper began writing professionally in He has had poetry and short stories published in the "American Poets Society" and the "Famous Poets Society" collections. Step 1 Open the hood and remove the pair of headlamp assembly securing screws. Step 2 Remove the front grill fasteners by lifting them out from below. Step 3 Remove the front grill and pull out the headlamp assembly from the vehicle. Step 4 Release the ball stud from its retaining clamp in the fender bracket by pulling the headlamp assembly. Step 5 Turn the bulb access cover counterclockwise to remove it. Step 6 Pull out the bulb assembly by turning the bulb socket counterclockwise and disconnect the socket from the headlamp wiring harness. Step 7 Remove the headlight bulb from its socket and replace it with a new bulb. Step 8 Reinstall the access cover by turning it clockwise and push the headlamp assembly back into place, being sure to put the ball stud back into the retaining clamp. Step 9 Push the front grill back into place. References Pontiac: G6 Owner's Manual. Make sure your starter switch is off to prevent short circuiting. Make sure to use only volt bulbs. It may be necessary to readjust the headlamps after replacing the bulb. You may want to apply tape along the edge of the bumper and headlight assembly to avoid scratching the paint. Be careful when handling Halogen bulbs; they can burst if damaged as they contain pressurized gas. GMCustomerService answered 7 years ago. To replace one of these bulbs, do the following: 1. Remove the two screws that secure the headlamp assembly 2. Loosen the front fascia by removing the plastic push pins along the top of the tie bar by prying under the fasteners with a tool. Pull back the front fascia then pull the headlamp assembly forward, out of the vehicle. You will need to pry the headlamp assembly away from the fender. This will free the ball stud from its retainer in the fender bracket. You may want someone to assist you with the removal of the headlamp assembly to avoid possible damage to the vehicle. Remove the bulb access cover by turning it counterclockwise. Turn the bulb socket counterclockwise and pull out the bulb assembly. Disconnect the bulb socket from the wiring harness for headlamps. Install a new bulb. Reverse Steps 1 through 4 to reinstall the bulb assembly and headlamp assembly. Content submitted by Users is not endorsed by CarGurus, does not express the opinions of CarGurus, and should not be considered reviewed, screened, or approved by CarGurus. Please refer to CarGurus Terms of Use. Content will be removed if CarGurus becomes aware that it violates our policies. You can read more here and make your cookie choices. By continuing to use this site you agree to us doing so. Report Follow. Mark helpful. Your Answer:. Upload Photo Photo optional. Related Questions. Start a new Pontiac G6 question. Search Pontiac G6 Questions. CarGurus Experts. Find great deals from top-rated dealers Search. Related Models For Sale. Used Pontiac GTO 3 listings. Used Pontiac Grand Am 4 listings. Used Pontiac Firebird 10 listings. Honda City helped make these videos. The video above shows you to replace the headlight in your Pontiac G6. Changing both headlight bulbs on your G6 at the same time will allow both bulbs to have the same intensity and prevent the new headlight bulb from appearing brighter than the bulb on the opposite side. In some Pontiacs, the highbeam is the same bulb as the headlight and it is possible for the highbeam to work, but the headlight be burnt out even if they are the same bulb and vise versa. Some Pontiacs have high intensity discharge headlights, sometimes referred to as xenon lights. These bulbs have a very high voltage that runs through them, even if the battery is disconnected. If your G6 has this type of bulb, we do not recommend that you attempt to change it yourself. When you change the headlight on your G6, it is important to not touch the glass part of the bulb with your fingers because the oil from your fingertips will cause that part of the bulb to burn hotter, which significantly shortens the life of the bulb. Hans Angermeier has produced over , videos showing drivers how to fix things on their cars. He has broad expertise on basic repair procedures covering the majority of cars on the road. A check engine light can be cleared with a simple fix or it could be a major problem - find out now! Car companies often use the same engines in different cars. They also slightly alter the styling and sell the same car by two different names amongst other tricks to help offset development costs. Our system selects the most applicable video for your car based, in part, on these characteristics. The video displayed may not look exactly like your car, but may be relevant enough for you to get a good idea how to do it. Getting Started - Prepare for the repair. Share on. Full list of part and tools. Author Hans Angermeier has produced over , videos showing drivers how to fix things on their cars. Replace brake lights. Burnt out brake lights increase your chance of getting rear ended - check and change yours today. Check transmission fluid level. Harsh downshifts? Slipping gears? You might be low on transmission fluid. Change an engine fuse. If you have an electrical component that doesn't work, try replacing the fuse first. Do not ignore this! See all videos for the Pontiac G6. We have a massive and growing video library, but we don't have everything Rosen Nissan helped make these videos. The video above shows you to replace the headlight in your Pontiac G6. Changing both headlight bulbs on your G6 at the same time will allow both bulbs to have the same intensity and prevent the new headlight bulb from appearing brighter than the bulb on the opposite side. In some Pontiacs, the highbeam is the same bulb as the headlight and it is possible for the highbeam to work, but the headlight be burnt out even if they are the same bulb and vise versa. Some Pontiacs have high intensity discharge headlights, sometimes referred to as xenon lights. These bulbs have a very high voltage that runs through them, even if the battery is disconnected. If your G6 has this type of bulb, we do not recommend that you attempt to change it yourself. When you change the headlight on your G6, it is important to not touch the glass part of the bulb with your fingers because the oil from your fingertips will cause that part of the bulb to burn hotter, which significantly shortens the life of the bulb. Hans Angermeier has produced over , videos showing drivers how to fix things on their cars. He has broad expertise on basic repair procedures covering the majority of cars on the road. Many cars will burn or leak a little bit of oil. Over time, this adds up and you might need to add some - learn how to here! If you are leaking oil and parking on your oil spots each night, the oil is breaking down your tires' rubber. A check engine light can be cleared with a simple fix or it could be a major problem - find out now! Car companies often use the same engines in different cars. They also slightly alter the styling and sell the same car by two different names amongst other tricks to help offset development costs. Our system selects the most applicable video for your car based, in part, on these characteristics. The video displayed may not look exactly like your car, but may be relevant enough for you to get a good idea how to do it. Getting Started - Prepare for the repair. Share on. Full list of part and tools. Author Hans Angermeier has produced over , videos showing drivers how to fix things on their cars. Top up the oil level. Plug the oil leak. Do not ignore this! Proper jumpstart procedure. Learning how to jump your car before you need to is an excellent idea. See all videos for the Pontiac G6. We have a massive and growing video library, but we don't have everything GMCustomerService answered 7 years ago. To replace one of these bulbs, do the following: 1. Remove the two screws that secure the headlamp assembly 2. Loosen the front fascia by removing the plastic push pins along the top of the tie bar by prying under the fasteners with a tool. Pull back the front fascia then pull the headlamp assembly forward, out of the vehicle. You will need to pry the headlamp assembly away from the fender. This will free the ball stud from its retainer in the fender bracket. You may want someone to assist you with the removal of the headlamp assembly to avoid possible damage to the vehicle. Remove the bulb access cover by turning it counterclockwise. Turn the bulb socket counterclockwise and pull out the bulb assembly. Disconnect the bulb socket from the wiring harness for headlamps. Install a new bulb. Reverse Steps 1 through 4 to reinstall the bulb assembly and headlamp assembly. I have a different car. Content submitted by Users is not endorsed by CarGurus, does not express the opinions of CarGurus, and should not be considered reviewed, screened, or approved by CarGurus. Please refer to CarGurus Terms of Use. Content will be removed if CarGurus becomes aware that it violates our policies. Report Follow. Mark helpful. Your Answer:. Upload Photo Photo optional. Related Questions. Start a new Pontiac G6 question. Sell Your Car Yourself With a simple, secure transaction. Pontiac G6. Get Started. Search Pontiac G6 Questions. CarGurus Experts. Know more, shop wisely Search. Related Models For Sale. Cars are quite different than they used to be. Sure, modern cars have some cool things, but repairing them are becoming difficult. Even simple things like changing a headlight bulb. The pontiac G6 is not as hard as some of them, but it can take some time. The headlight is tucked under the bumper cover, so I did not think the headlight would come out without the bumper cover removed, which makes it difficult. To determine which headlight bulb is out, simply turn your headlights on dim and see if the headlights are both on. Then switch to bright and look if both brights are working. On the G6, these are separate bulbs. Using a 7 MM socket and ratchet, remove the two mounting bracket bolts located above the headlight. Using a flat head screwdriver, pry the center of the clip to remove the 4 clips from the top of the bumper cover. To prevent any chip or scratches on the bumper cover paint surface, mask the edges. This is an extra step to assure there will be no damage to the paint. To provide more room to remove the headlight, tup the bumper cover forward to provide additional access. The outside edge of the headlight is held in with clips. To release, grab the outside edge of the headlight and give a few tugs. This will allow the headlight to pop out from the clips. To remove the headlight assembly, pull the bumper cover forward while pushing the headlight out. This is a tight fit, so are must be taken. To remove the cover that covers the bulb, simply twist to remove. Then you will have access to the backside of the bulb. Instal the new bulb. Some bulbs should not be touched with your hand, as the oils in your hand may shorten bulb life. I hope you found this tutorial useful. If you did, then please give this tutorial a kudos and share it on twitter and Facebook. Want to master Microsoft Excel and take your work-from-home job prospects to the next level? Jump-start your career with our Premium A-to-Z Microsoft Excel Training Bundle from the new Gadget Hacks Shop and get lifetime access to more than 40 hours of Basic to Advanced instruction on functions, formula, tools, and more. Donnie, thanks so much for this tutorial!!! My left headlight went out on the way home from work on Friday evening. My brother told me he would replace the bulb for me so that I didn't have to take it to the shop like I'd normally do because I'd rather pay someone to do something right and on time. I went and bought the bulbs and my brother procrastinated until Saturday evening before attempting to replace them at which time he discovered that it was too difficult due to the headlights being tucked behind the bumper. I knew this already because I had taken it to the shop once before and watched how the mechanics struggled with it, which is why I thought it was too difficult for me to do myself although I am a very self-sufficient female even if I look high-maintenance on the outside. Of course, no shops are open on Sunday so I decided to Google it and see how difficult it really was. I watched your video and saw that it was actually doable, all I needed was some masking tape from Walgreens down the street since I already had everything else. I decided to replace the bulb on both headlights since I had bought better quality bulbs and wanted both headlights to be even. I changed BOTH headlight bulbs by watching your video! I did it in 30 minutes and I'm so proud of myself! I did chip my freshly manicured nails from last night but what's a chipped manicure compared to being able to change my own headlight bulbs? You're a great instructor! Thanks so much Donnie! Great tutorial. Step 6 on the right headlight is causing my husband a lot of frustration right now. He cannot get the clips to loosen. Any advice? On my Canadian pontiac G6 it was on big plug that was so hard to pull out, if I had known I would have pulled it harder and wiggled it. But I got it and will know for next time. I just wanted to thank you for this great video. I too had problem removing the headlight from that clip as I didn't know how hard to pull on the headlight, as that plug inside is quite hard. I thank you so much I was happy to find this video and do it myself like I wanted to and this video made me confident that I could. Please enable JavaScript to watch this video. Sign Up. Share Your Thoughts Click to share your thoughts. Hot Latest. Cars are quite different than they used to be. Sure, modern cars have some cool things, but repairing them are becoming difficult. Even simple things like changing a headlight bulb. The pontiac G6 is not as hard as some of them, but it can take some time. The headlight is tucked under the

bumper cover, so I did not think the headlight would come out without the bumper cover removed. After spending time entering through the wheelhouse the first time I replaced the bulb, I thought there was probably an easier way. Before replacing it this time, I searched YouTube to find another way to replace the headlight bulb. In this video I am going to replace the headlight bulb using the other method I watched on YouTube. To learn how I replaced it this time and if it worked or not for me, watch the video. I have searched the internet and found that other people are having the same problem. The problem is that headlights have an auto on function, which turns the lights on automatically when th

single phase reversible motor wiring diagram
99 gto
replacing glow plugs

e car is running. This leads the electrical connections overheating and melting. It is the responsibility of the viewer to First read the Technical Data Sheet, Material Safety Data Sheet, and any other instructions for each product, tool, or equipment used and to follow the safety recommendations of the manufacture. There are no warranties or guarantees of the results of the viewer after reading or watching the content on this website. The results will vary according to each individuals talents, knowledge, and skills. Some of the links on this website may be advertisements or affiliate links. This means that if you click on the link and purchase the product I may make a small commission. You must be logged in to post a comment. This site uses Akismet to reduce spam. Learn how your comment data is processed. Skip to primary navigation Skip to content Skip to primary sidebar Cars are quite different than they used to be. Leave a Reply Cancel reply You must be logged in to post a comment.