



I'm not robot



Continue

Car ecu tuning guide

Much can be said about coordinating your car. First, you save money. Second, you can choose the places that go on your ride, and three, you know the job is done right! While not all of these steps are something that everyone will be comfortable doing, there is nothing wrong with learning more about your vehicle and how to make it run more efficiently. Advertising Contents If your air filter is dirty enough that when you hold it up to a lamp you can't see much light through, then it's time for a replacement. An air filter job is to keep restrictions off your engine, and do such a good job of that, over time those very limitations accumulate and reduce the amount of air your vehicle can get. Depending on the age of your vehicle, this can reduce your fuel economy by up to 10 percent. Newer engines with computer management systems are usually able to pickup in a dirty filter and power the engine less fuel to compensate. Even though, it's still a good idea to keep your filters reasonably clean for optimal fuel efficiency. Advertising This is one that may or may not be your bean cup, but if you do, just make sure you buy an oil container big enough to handle the capacity of your oil vehicles and then take it to a recycling facility. Millions of gallons of oil are poured out into our soil, garbage, and sewers by do-it-yourselfer every year. This negatively affects our groundwater. It only takes a gallon of oil to contaminate a million gallons of water... So this is a scenario where a person can actually do a lot of environmental damage and can't even realize it. Advertising As your oil ages it becomes thick as syrup and then much harder for it to do its job. The recommended intervals for an oil change are every 3,000 miles, or every three months. Even if you don't drive your car often, you still need to change the oil often, because conventional oil can analyze overtime. One way to extend your oil changes is to use synthetically. Synthetic oil does not break down as easily, as it has a more durable composition. You could also think of synthetic as slightly better for the environment for this reason. You only need to change it half so often, since synthetics have been shown to last about three times longer than conventional oils in most studies. In addition, you will also want to use your constructions recommended degree of oil. Has that you can save as much as 2 percent on fuel efficiency just by using the right grade in your vehicle. Look for Energy Conserving on your favorite oil label, as you can then be sure that it uses the latest friction reduction technologies. All you need is a dirty misfiring spark plug to reduce your mpg by seven percent. Make that two misfiring plugs and you're down 20 percent in fuel efficiency. With Me in mind, it is important to change your spark plug every 30,000 miles or so. Some spark plugs like platinum and iridium will tell you that you can expect up to 100,000, but when you talk about losing that much efficiency over a bad plug, most experts don't recommend going too far over 45,000. Advertising Bouzi is actually very easy to change with a few tools and an hour or so of your time. Don't worry too much about all the specialty plugs available out there unless you're in the mood for some experimentation. What the manufacturer originally used, is usually what will offer the best economy ... are the ones who tested the vehicle for its optimal performance after all. Fuel injectors and engine components can get gummed up over time with gas residue and the best way to restore your vehicle to its original state is to run a quality fuel cleaner through your gas tank every 6 months to a year. BG 44K is probably one of the best commercial fuel injector cleaners on the market. If your engine fuel system is going to clog up for these things to work, then you will need to get your engine professionally maintained by an engineer. Advertising This is easy. You'll be surprised at the number of people carrying about 100 pounds or more of unnecessary stuff, including ski racks and bike racks, when it's no longer the time to use them. All the elements add weight to your vehicle and then make your engine work harder (use more fuel) to pull you along with your destination. Advertising yes, we know you've heard this about a million times already, but it pays by about 3.3 percent better fuel economy to mention it again! Do you feel the need for sustainable speed? See what eco-engineers are doing to create low-impact cars, bikes and planes on Planet Green TV. Advertising You can restore the Electronic Control Unit (ECU) Vehicles vehicles right from the garage to your home. You don't need special tools to do the job and it will only take a few minutes of your time. The vehicles are equipped with a built-in Diagnostics computer that monitors all vehicle functions. The Check Engine lamp lights up on the instrument panel when there is a problem with the ECU. After any necessary repair work is done, you can turn off the light and restore the ECU in a few small steps. Under the hood: How to reset the ECU on a Ford ContourPlace gearbox of the contour in the park (automatic transmission or the first speed (manual box). Turn on the emergency brake and turn the ignition off. Rotate the ignition back to on but do not start the engine. Connect the scan tool data cable to the Contour diagnostic data port below the dashboard just above the pedal area. Turn on the scan tool and let it start. Follow the instructions scan tool screen to enter engine and transmission information. Select ECU from the main menu. Select Codes and Clear all current and saved DTCs. Wait for the scan tool to indicate that the codes have been removed. Unplug the tool data cable from the diagnostic data port. Start the engine and make sure that the operating engine light is not on. How to restore an ECU to a 2004 Nissan MaximaShift Maxima gearbox in the park (automatic) or the first tool (manual). Turn off the engine and adjust the parking brake. Turn the ignition back to ON, but do not restart the engine. Find the Maxima diagnostic data port. It is located under the dashboard on the driver's side, just above the pedals. Connect the scan tool data cable to the diagnostic data port and Maxima feed to the scan tool. Wait for the scan tool to start. Select ECU from the main menu of the tool, and then select Codes. Select Clear all current and saved DTCs. DTC is an acronym for diagnostic problem code. Let the scan tool clear the codes from the ECU memory. Unplug the scan tool from the diagnostic data port as soon as the screen indicates that the codes have been removed. Start the engine and make sure the SES lamp is not on. The ECU has been zeroed. How to reset the ECU for 300ZXPosses the key to ignition and turn it to On, but do not start the engine. Press down on the accelerator very quickly five times in five seconds. You have to press the pedal all the way to the floor every time. Wait 10 seconds. Press the accelerator on the floor and hold it for 10 seconds or until the Engine Control lamp lights up and off. Repeat this step again. Turn off the ignition and wait about three minutes. Start the engine and examine the instrument panel. The control engine light should now be turned off and the ECU reset. How to reset the ECU to a Nissan SerenaECU Clean through the DisconnectDis battery connect the negative (black) cable from the car's battery terminal, place it on the side and make sure it doesn't touch the vehicle. Unplug the positive (red) cable from the car's battery terminal, place it on the side and make sure it doesn't touch the vehicle. Pump the breaks or press the horn several times to drain the remaining power from the vehicle's electrical system. This allows capacitors (which store energy) in the ECU to be fully depleted. Leave the cables disconnected for 5 minutes to ensure full power exhaustion from the ECU capacitors, then reconnect the battery cables. The ECU of the vehicle will be reset now. ECU Reset via ECU AccessLocate the ECU under the driver's side of Nissan dash. Remove the two nuts (usually 10 mm) by holding the appliance in place to gain full access to the ECU. Insert the start button into the ignition and turn the key until the electronics function is connected. Do not start the vehicle. Find the screw dial dial This dial is used to access the stored engine codes. Place a flat head screwdriver on the dial and note the position of the screwdriver (not yet turned). The position noted is the original position and will be used to return the ECU to its normal state after the codes have been cleared. Turn the dial clockwise until the dial stops turning. Pause a second and turn the dial counterclockwise until the dial stops turning - any error codes that exist will now flash in the dash through a series of flashing/flashing lights. Turn the dial clockwise until the dial stops turning and wait for the flashing to stop. As soon as the flash stops, stop a second and restore the ECU to its normal state by turning the dial to its original position. Nissan Serena's ECU must now be cleared. Remove the key from the ignition and return the ECU unit to the original position. Insert the restraint screws. Flat-head screwdriverKrenia key car audio speakers picture by Alexander Zhiltsov from Fotolia.com Because different brands and vehicle models have different environments for sound, you need to tune a stereo car to get the best possible sound quality from the system. Tuning a car audio system requires you to adjust stereo controls, such as bass, treble, fader and speaker balance. High-end stereo cars not only have these basic adjustment settings, but also have more advanced controls that improve sound and are designed to take the car's audio listening to the next level. Turn on the car stereo and select a music option that will display sufficiently dynamic treble, bass, and mid-range frequencies during the adjustment phase. Music genres, such as rock or classical, work best when initial adjustments are made to the sound system. Set all balance, fader, treble, and bass controls to the original flat or neutral sound settings. Turn off any other stereo car audio enhancement feature. Turn on the car stereo at the maximum volume that the speakers can handle before sound distortion occurs. Reduce the volume to 75% of the maximum without distortion before adjusting the other balance, fader, and tone controls. Set the fader controls to a position that will make the sound coming from the speakers appear to come slightly in front of the listening area while sitting in the driver's seat. Remember the new settings or write them down. Adjust the controls the stereo car so that the music heard from the driver's seat appears to be equally balanced between the right and left speakers. If the stereo car allows you to independently adjust the balance of the front and rear speakers, use the fader controller to mitigate the front speakers to balance the rear and then weaken the rear to balance the front. Then, restore the previous fader adjustments made to the previous step. Set bass and treble controls to listening, listening, does not appear if you make significant positive adjustments to either low or high frequency ranges. Experiment with other to-do controls that the stereo has to offer to get the best listening experience possible. Possible.

