

Chapter 1 : Basic Car Maintenance Tips & Services Checklist

The repair manual comes with pertinent information about your car different systems, specs, manufacturer recommended fluids and capacities, a routine maintenance schedule, plus step-by-step procedures along with images and pictures to service, diagnose, repair and replace many parts and components in your particular vehicle.

Air Filter Time to Complete: You can pay a mechanic and give up your car for a day, or you can replace your air filter at home in about ten minutes. First, find your filter under the hood of your car. Open up the casing, and check out how the air filter fits inside it. Make a note of which way the filter faces. Remove the old air filter, and insert the new one exactly how the old one sat. For extra savings in the long run, you can extend the life of your new air filter by hitting it with some compressed air to clear out any debris.

Windshield Wipers Time to Complete: The free installation only applies if I buy the most expensive blades in the store, so I started changing them on my own. Basically, the process is similar to changing your air filter: Lift the blades, as if you were washing your windshield by hand, and remove the old blades. Pay attention to how the old blades connect to the metal arms. Push the tab to remove the old blade. Attach the new blades, being careful not to bend the wiper arms or scratch your windshield. Line everything up and make sure the new ones are secure and tight. The packaging for the new blades should have a general set of instructions and a helpful diagram.

Spark Plugs Tools You Need: You just need to set aside some time and exercise patience. Remove the wire to the first spark plug only. Do not remove all of the wires at once. Your spark plugs are installed in a certain order, which you need to maintain. Use your spark plug socket and extension on your ratchet to remove the first spark plug. Install the new spark plug, screwing it in by hand at first and then tightening it with a wrench for a snug fit. Re-attach the spark plug wire. Repeat these steps for each spark plug, one at a time.

Ratchet, oil filter wrench, oil pan, funnel Time to Complete: Whichever benchmark you decide to use, you can save time and money by handling the change yourself. Before you start, keep in mind these precautions: Never change your oil when your engine is hot. Park, wait for it to cool, and then get started. Driving around the block to heat the car and loosen the oil can result in a more effective drain, which is good news, but you must let the engine cool before going to work. Unscrew the drain plug and drain all of the old oil into your oil pan. Once all of the oil is drained, replace the drain plug. Go back to your engine and remove the old oil filter with your oil filter wrench. Be careful, because the oil filter contains some old oil as well. Lubricate the rubber gasket on the new oil filter with some new motor oil. Fill the new oil filter about two-thirds of the way with new oil. Screw in the new oil filter. Fill the engine with new oil, using your funnel. Discard the old oil filter and recycle the old oil most gas stations will take it. Changing your oil is the dirtiest job on the list, but it might be the most rewarding too. Though you can find plenty of quick-service stations nearby, when you think about going possibly four times a year, the expense and time commitment adds up.

Battery Maintenance Tools You Need: Wrenches, corrosion-removal fluid, wire brush, rags

Time to Complete: Just a few specks of crunchy white residue on the posts can keep your car from starting. A simple visual check of the condition of your battery will tell you when you need to perform this process. Remove your battery terminals, which should be a fairly straightforward process. Make sure you always remove the negative cable first. Some say Coca-Cola will work, and it does, but I suggest using a more professional product from your local auto parts store. Generously apply the fluid to the posts, and clean vigorously with your wire brush. Rinse the cleaning fluid with a little water. Dry the posts with rags.

Radiator Flush Tools You Need: Phillips-head screwdriver or wrench, rags, radiator flush solution, coolant, funnel, used coolant receptacle

Time to Complete: A radiator flush is a quick and inexpensive way to keep your system in shape. Make sure your car is completely cool before you begin. Replace the drain plug and remove the radiator cap. Use the funnel to add the radiator flush cleaning solution and then fill the rest of the radiator with water. Replace the radiator cap. Start the car, and let it run until it gets to its normal operating temperature. Turn on your heater to its hottest position, and let the car run for 10 minutes. Turn the car off and wait for the engine to cool completely. Drain the contents of the radiator. Refill the radiator with fresh coolant. Be sure to dispose of the old coolant safely, by bringing it to an auto parts store, gas station, or mechanic. Old coolant is fatal, but its

sweet taste can be enticing to pets. Working with coolant is a step toward more advanced DIY auto projects.

Brake Pads
Tools You Need: Lug wrench, C-clamp, open-end or adjustable wrench, hammer
Time to Complete: Brake pads are DIY-eligible, but safety is your top priority. Jack up your car and rest it securely on jack stands. Break the lugs on your tires before you do anything else. Remove the brake caliper so that the brake pads slide out through the top. Remove the bolts and set them aside. Hold the caliper from the top and pull upwards. Give it a few taps if you need to, making sure not to disturb the brake line a black hose. With the caliper out of the way, the old brake pads should slide right out. Replace old pads with the new pads, securing them with the same retaining clips that held the old pads in place. If you have an older car, you might need to utilize your hammer here a little bit. Compress the brake piston. Get out your C-clamp and put the end with the screw on it against the piston with the other end on the back of the caliper assembly. Tighten the clamp until the piston has moved far enough to where you can place the caliper assembly over the new pads. Re-install the brake caliper the opposite process of what you did when you removed it , and then simply put your wheel back on.

New fuel filter, new fuel line washers, open end wrenches, rags, eye protection
Time to Complete: But keep in mind that like changing brake pads, this is an advanced DIY project. I did it once, and did it correctly, but I definitely paid attention to every detail during the process. Most importantly, start by relieving fuel system pressure. Locate the fuel pump fuse on the fuse box. Start your car, and with the engine running, pull the fuse or relay out. Disconnect the fuel lines from the fuel filter. When the wrenches are in place, put a rag over the fitting to protect yourself in case there is still some pressure in the lines. Hold the wrench that fits on the actual filter, and turn the other wrench counter-clockwise until that bolt comes out. Slide the fuel line off the bolt and set the bolt aside. Repeat the process for the other side of the fuel filter. Remove the old fuel filter. Most filters are held in place by a clamp that you can release by using a flathead screwdriver. Be careful here, as the old fuel filter could still have some gas in it! Change the fuel filter washers, which are located on the bolts that connect the fuel lines to the fuel filter. Make sure to match the new ones up correctly.

Chapter 2 : Car Maintenance & Vehicle Repairs | International Open Academy Course

aCar - A popular Android car maintenance tracker, aCar comes with easy-to-fill up records of your vehicle's maintenance, repair, and mileage histories. Custom notifications are made available in addition to the preset notification settings.

Mon-Fri - 8 a. This guide is meant to help you keep your vehicle running properly and at top efficiency. You should look to this guide as the most basic maintenance tips and continue to have your vehicle's routine inspections and maintenance performed by trained and certified mechanics. Rotate your tires every miles. There are safety concerns as any car or truck can severely injure or kill you if falls on you. Bring your vehicle to Garrett Auto and Truck Service if you wish to have your tires rotated for you. These are very common, you can get them at Walmart, gas stations and truck stops, and some grocery stores even have them. Use it to check each tire for proper air pressure. If the air pressure is too low, you can have problems and your fuel mileage will suffer. If you are uncomfortable with checking your air pressure and filling it to the proper PSI, you need to take it to an auto center where it can be done for you. Garrett Auto performs this service. Tire Tread Depth Check: Tires need the proper amount of minimum tread to function properly. Most tires today have "wear bars" built in to them. New tires are required. If you are unfamiliar with finding and recognizing tread wear bars on your tires, you can take your vehicle in to an auto or truck service and have a pro check them for you. Clean Your Tires and Wheels: Brake dust comes from your brake pads tightening up against your brake rotor. Belt Inspections and Replacement: Your engine is the main power supply for your vehicle. It not only makes the car move forward and backward, it also powers the components and accessories that make the engine itself operate properly and keep the cabin where you ride comfortable. How does it power those components and accessories? The engine turns, and a rubber reinforced belt transfer the rotation from the engine to the components and accessories. After the engine is started, the engine powers the alternator which keeps the battery charged and provides electricity to everything that requires electric current from the vehicles on-board computer to the lights in the cabin and the radio. In short, healthy belts are mandatory for operation of the vehicle. Oil Level Check Maintain the proper oil level for optimum engine performance and longevity. Most people can check the oil level in their vehicle engine. Giving the vehicle some time to cool down also allows oil to flow back to the oil pan, which will give you a more accurate reading. Go get a clean rag. Wipe the oil off the end that was in the engine the furthest and look for oil level range indication markings. Is the oil level within the low and high markings or shaded area? Engine Oil Replacement Time for an oil change Manufacturers recommend different intervals for oil changes. Generally, and oil change every 3, miles is safe. The best service recommendation is the one your vehicle manufacturer recommends for your vehicle and engine. When you have your oil changed make sure your oil filter is changed as well. This is also a good time to have the air filter changed. Clean filters allow the vehicle engine to run more efficiently and last longer. Old dirty filters become clogged with debris and road grime, causing flow restrictions that may impede proper operation of the engine. If you plan on checking your coolant levels, make certain the vehicle engine and coolant have had enough time to cool down. Coolant provides essential functions for your vehicle engine. It keeps the engine from over-heating. Coolant also must not freeze during the winter months, so make sure the coolant mixture is appropriate for your climate. Coolant usually comes in concentrate form and you mix it with water. Your manufacturer guide will explain where to find your coolant reservoir as well as provide basic instructions for check coolant level and maintaining it. Our certified professional mechanics will diagnose any problems and help you get back on the road. We set the industry standard in repair work warranty! We continued at that location until September of when we changed the name and moved into our present facility. A great deal has changed in the years since we began serving the repair and maintenance needs of our friends and neighbors here in Farmington Hills. In , Ten Mile was a dirt road! Our full-time mechanics are licensed, certified in their specialties, and have over 50 years collective experience in maintaining and repairing all types of vehicles.

Chapter 3 : Green Drop Garage - Portland Oil Changes & Auto Repair | Eco-Friendly

*Basic Shop Rules: Never work alone Crawfords Guide to Beginners Auto Maintenance & Repair www.nxgvision.com 6
When minor repairs are being performed.*

Nice to have but can wait C-clamp You may use it to replace brake pads and hold parts together Digital multimeter With 10 Megaohm protection. If possible get an automotive DMM Test light For current presence checks, but you can use the Voltmeter Code reader or scan tool Get an inexpensive, aftermarket one, if necessary You can spend a fortune in tools. So keep in mind that a tool should help you save time and money. Many tools only make your job a bit easier and you can do without them. Others not only help you work faster, but prevent you from damaging components. Use your best judgment when adding tools to your toolbox. Occasionally, you may need a special tool when working on a steering pump or wheel bearing, for example. See if your local auto parts store will loan you the tool instead. Each manual contains easy to follow step-by-step instructions linked to hundreds of photographs and illustrations. Included in every manual: This is perhaps the most important maintenance tasks you can do for your car. It only takes about 10 minutes. Usually, you need to change them once a year. Hoses wear out over time, become brittle, swell, tear and get disconnected due to heat and vibration during engine operation. So leaking hoses " vacuum or fluid ones " are a common source of engine performance problems. Wires suffer cuts and burns, and corrosion finds its way into electrical connectors, interfering with electrical flow. So check them from time to time as well. Belts wear and may suffer damage over time, so you need to check and replace them according to schedule; pay particular attention to serpentine belts, which rarely show signs of wear on the outside. Consult your service manual for the recommended service interval. These filters have a limited service life. So you need to replace them at regular intervals. Maintaining filters take just a few minutes and will have a positive impact on engine performance. Follow their service interval as listed in your service manual. This include engine oil, transmission oil, steering fluid, brake fluid and washer fluid. Replace fluids according to the schedule in the service manual. Change it with the help of your service manual. The manual contains the type and amount of antifreeze your car needs; the steps you need to take to replace it; and how to purge air from the system to prevent engine overheating. Besides the service interval, your manual has the calibration specs for your spark plugs and the torque specification to install them. You can remove corrosion by using a solution of baking soda and warm water. This simple service will go a long way in extending the service life of your battery. The average car owner can do other, more involved maintenance tasks as well. However, you need some mechanical experience and get used to paying attention to detail. These tasks may include replacing the automatic transmission fluid, replacing a water pump, replacing brake pads or a fuel pump and other similar jobs. Automotive forums and similar specialized sites online, for example, are valuable resources for the home mechanic. Many of these sites are run by qualified mechanics and offer professional advise, and experienced users within the community will also help you as well. So become familiar with these sites. For specific winter car care tips, check the next video. You can replace most leaking, worn out or damaged hoses. Your vehicle uses a drive belt or serpentine belt to operate the alternator, steering and water pump and sometimes the radiator fan. The serpentine belt on many vehicle models only takes a few minutes using a breaker bar and a socket. Frequently, you can trace an engine overheating or overcooling problem to some failed part in the cooling system. Some of these repairs only require replacing a radiator hose or thermostat. Following the procedure described in your repair manual can help you fix the system. You can remove corrosion by using a solution of baking soda, warm water and a battery-post cleaning brush. This task will help you restore starting and charging system performance without the use of special tools. Some problems affecting these systems fall within the scope of the average car owner to diagnose and possibly repair at home. For instance, a common issue in the system is incorrect tire pressure, which may cause the car to pull to one side, make the steering system hard to operate, and cause the tires to wear prematurely. Checking and adjusting tire inflation pressure may correct many of these problems. On many vehicle models, these repairs only take a few minutes. Your vehicle repair manual will guide you through the procedure. Engine oil change its one of the most important

maintenance tasks. But start with the items in this list. Maintaining or repairing some systems under the control of the car computer in newer vehicle models need the expertise of a professional and sometimes expensive equipment that only a car shop can afford. Still, you can do many simple maintenance and repair tasks yourself. Take your time to learn and add to your car repair and maintenance skills set.

Chapter 4 : 20 Essential Car Maintenance Tips - Carbibles

Before you hop into your car for work and get the dreaded, click, click, click of a fully dead battery, take care of this basic auto repair and maintenance job yourself in just a few steps.

Almost everyone, every family, has a vehicle to call their own. For many, it has become an important extension of their house. We have prepared a very comprehensive car maintenance checklist to help you keep your vehicle in optimum operating performance. Importance of Car Maintenance Like we already said, there are a lot of reasons why you need to employ even basic car maintenance. We have listed below some of the more compelling reason why maintaining your car is very important. Improves safety As we shall learn later on, making a comprehensive car maintenance checklist and adhering to it can help make your vehicle run a lot more efficiently. More importantly, however, is that we can help ensure that all of the critical components of the vehicle are running smoothly or functioning optimally. This helps us improve safety while driving, although accidents can still occur through no fault of our own. Every day, hundreds of people die because of traffic accidents secondary to a faulty brake system, poor tire treads, and worn out drive belts, just to name a few. Thousands more lay in hospital beds nursing their injuries and tens of thousands more are trying to overcome the emotional trauma brought about by such accidents. Enhances reliability and performance Certain components of our car are naturally more vulnerable to wear. Saves you expensive repair costs How much does an average car maintenance cost? The actual cost actually depends on the type of vehicle, your driving habits, and the various types of products that you use in your maintenance. This is under normal operating conditions. Performing regular maintenance checks can help you avoid costly repairs from major problems. Higher resale value A well-maintained car can command a much higher value in the resale market than a car that has been obviously neglected. Also, potential car buyers are now more meticulous about their choices. And with the growth of information technology, they can easily gain information on the prevailing market rates of different car brands. Even those who only have a rudimentary understanding of cars can be quite meticulous that they would like to see records of maintenance activities performed on the car they would like to buy. You cannot blame them really because that is also exactly what you will be doing if you were to buy another car. Making sure that your engine oil is not burnt, that everything is running smoothly, and that there are no leaks whatsoever from the various pipes that run across your vehicle can also contribute to a cleaner environment. It may not be as ecologically friendly as those that run on hybrid or electric engines, but remember this, a well-maintained car will produce consistently lower levels of harmful fumes and fluids that can potentially pollute the air and bodies of water. The point is that many of these roadside emergencies can actually be prevented just by adhering to the periodic maintenance schedule of our respective vehicles. We are all just raring to get behind the wheel and take it for a spin. It also gives you information on the things that need to be checked, how these should be checked, what manifestations or signs and symptoms you need to assess, and when you need to perform these checks. There are also recommendations on what models or types of parts and accessories you can put into your car. Using the wrong parts or products on your car can seriously undermine its roadworthiness. It may not be apparent immediately, but over time, the problems will arise. So before putting the key into the ignition, make sure you have thoroughly read the manual. Even professional racers and car enthusiasts read them because of its importance. It gives them an idea on the keep the vehicle it top shape. Plus they can get the best performance even from a so-called non-performance car. Inspect your vehicle on a regular basis Performing the activities in your car maintenance checklist is quite easy. More importantly, you will also know when you should perform these inspections. As much as possible, you have to perform the inspection yourself. This is just the simple process of assessing the different parts and components of your vehicle so that you will know what you need to do next. If it requires some advanced tools or even extra pair of hands, then maybe bringing it to a professional will help. Performing an inspection is quite easy especially if you know what things you need to look for. This way, if something looks amiss, then you can take note of this and have a professional either confirm it or dismiss it as normal. Learn the meaning of different warning light indicators Modern cars have sophisticated sensors and warning systems that notify you

that something is amiss. That is why, as part of basic car maintenance, you need to learn the meaning of the different warning light indicators that flash on your instrument panel. Here are some of them. If this indicator light comes on, you might want to use an OBD-II scanner tool or have a technician do it for you. You can check your manual for the exact meaning of this indicator light. More often than not, an issue in the alternator will be at fault.

Brake warning light – There are many reasons why this will suddenly flash on your instrument panel. It could be that your parking brakes are engaged or that your brake fluid levels need topping up. It can mean other things so your best bet is to check with your manual. Anti-lock braking systems keep your car stable and controllable in sudden stop situations.

Coolant warning light – You know what this means. Your engine is overheating. Pull over, open your hood, and just allow it to cool down. Do not ever attempt to open the radiator cap as the cooling system is actually highly pressurized. Do so when the engine has already cooled down.

Oil warning light – This typically flashes if the oil pressure in your engine is too low. This warning light can be set off by low oil levels, oil pump failure, or even oil filter or oil strainer blockage.

Wheels and Tires

3. Check tire pressures One of the things that impact fuel economy is tire pressure. It also affects comfort and handling. There are also gadgets and simple tools you can use to check the tire pressure. Some cars have tire pressure monitoring systems installed from the factory. There are also smart gadgets that connect with mobile devices that constantly monitor tire pressure and send out notifications in case one or more tires need some air. However, in wet racetrack conditions, these super slick tires are replaced with more appropriate rubber to help channel the water on the racetrack away from the contact patch. If not, a multi-million dollar F1 car might as well be a multi-million dollar pile of wreck. In the real world, you need tires that can function in all weather conditions, be it dry, wet, or freezing cold. This is where tire treads come into play. The good news is that tire manufacturers today already integrate tread wear bars into their compounds to eliminate the hassle of guessing whether your tire treads are still deep enough to help channel water away from the tires and maintain excellent ground contact even in wet conditions. It may sound expensive but not as expensive as a vehicular accident. The rule of thumb is to have it rotated every 5,000 miles although you can always double check with the manual for better accuracy. One thing you need to understand is that brake dust is merely the accumulation of a variety of materials that come from the brake rotor and the brake pad itself as they come in contact when you apply the brakes. As such, it is important to clean the dust off your wheels with a damp sponge. You will also need clean cold water because brake dust typically clings to your wheels via static electricity.

Check drive belts Your engine does not only produce power to your wheels so your vehicle will run. It also generates power so that other parts and accessories run as well. This is the function of drive belts. Modern cars use a single belt also known as serpentine belt to connect and rotate from the crank pulley. Unfortunately, because these belts are typically made of rubber or other polymers, they do wear a lot even with normal use. Over time, they lose their integrity and simply degrade. As such, it is important to check these belts from time to time to inspect for visible hairline cracks or any change in their integrity. You will need to look at the integrity of both your serpentine belt or V-belt and your timing belt unless your engine is chain-driven. You also need to know the differences between the three. Most folks will tell you to replace your serpentine belt every 40,000 miles and your timing belt every 60,000 miles. Of course, a better approach is to visually inspect them more frequently. This should help lower your average car maintenance costs by avoiding costly repairs.

Friction generates heat and this can lead to a significant reduction in engine performance. Simply locate where the oil dipstick is, pull it out, and evaluate the oil. Always make sure that your car is parked on level ground. Remove the oil dipstick and wipe it first with a clean rag. This helps remove oil that may obscure the level indicators on the dipstick, making it quite difficult to read accurately. Once wiped clean, reinsert the dipstick all the way in and pull it out. Now, you should see exactly where the level of the oil is. The dipstick typically has indicators near the tip. There can be two notches or even dots marked by an H and an L. In some vehicles the area between these two points are also shaded or come with patterns to allow for easier assessment. Make sure that your oil level is within these two points. Also, it is critical to look at the color of the oil. It should not really be black. Engine oil is usually amber in color. Dark colored oil usually indicates the presence of contaminants, excessive heat, the addition of chemical additives or worst, sludge. There are different types of oils, too, that can range from regular to

semi-synthetic to fully synthetic.

Chapter 5 : Basic Auto Repair and Maintenance - Mountain View Automotive

1 The best way to avoid auto repair rip-offs is to be prepared. Knowing how your vehicle works and how to identify common car problems is a good beginning.

All information applies to U. Historically, vehicle manufacturers and distributors have charged a separate fee for processing, handling and delivering vehicles to dealerships. Toyota may make a profit on the Delivery, Processing and Handling Fee. Excludes taxes, license, title and available or regionally required equipment. The published prices do not apply to Puerto Rico and the U. Actual dealer price will vary. Actual mileage will vary. For more information on mpg, please see [www](#). Actual MPGe will vary depending upon driving conditions, how you drive and maintain your vehicle, and other factors. Battery capacity will decrease with time and use. For more information, see [www](#). Range measurement pursuant to SAE J standards ambient temperature: Fueling time varies with hydrogen fueling pressure and ambient temperature. EPA ratings not available at time of posting. EPA estimates not available at time of posting. EPA ratings not available at time of printing. Advanced voice recognition capabilities vary by head unit. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel, you must call SiriusXM at All fees and programming subject to change. Not all vehicles or devices are capable of receiving all services offered by SiriusXM. Current information and features may not be available in all locations, or on all receivers. Select apps use large amounts of data; you are responsible for charges. Apps and services subject to change. Be sure to obey traffic regulations and maintain awareness of road and traffic conditions at all times. Apps and services subject to change at any time without notice. Availability and accuracy of the information provided by the navigation system is dependent upon many factors. Use common sense when relying on information provided. Services and programming subject to change. Services not available in every city or roadway. Updates may be available from your dealer at an additional cost. Phone performance depends on software, coverage and carrier.

Chapter 6 : Auto Upkeep: Maintenance, Light Repair, Auto Ownership, and How Cars Work

Car Maintenance Reminder (Android) is a free app that will keep track of your fuel efficiency, cost, and mileage, but also gives you a place to track all of the maintenance and repairs you have.

But there are basic auto repair and maintenance tasks that you should get familiar with if you want to maximize the longevity and performance of your vehicle. Why run the risk of having your vehicle break down, leaving you stranded for work or unable to get the kids to school? With a little bit of insight into basic auto repair and maintenance, you can likely avoid the inconvenience and expense of major repairs and other issues. Get your oil changed. This is car maintenance and for good reason. Clean oil keeps your engine running smoothly by lubricating the components and reducing friction. Once you have friction, you have heat – a deadly combination for your engine parts. All it takes is removing the drain plug, allowing all the old, dirty oil to drain out and replacing the plug. Then swap out your oil filter and pour in new oil. You can also bring your car, truck or SUV to us for a professional oil change. Know how to change a flat. Even if you have AAA or some other type of roadside assistance, this is basic auto repair and maintenance you can easily tackle on your own. To change your flat tire, first gather your spare and tools, then loosen the lug nuts while the car is still on the ground. Now use a jack to lift the car, completely remove the lug nuts and change out the tire. Get your lug nuts on there securely, but fully re-tighten them when you lower your car again. Swap out that old car battery. Before you hop into your car for work and get the dreaded, click, click, click of a fully dead battery, take care of this basic auto repair and maintenance job yourself in just a few steps. Signs you should keep a look out for include a slow crank – your vehicle taking longer than normal to start, problems with electrical components like automatic windows, a warning light coming on your dashboard and just old battery age. You can find the right one either online or by asking the shop. Keep it away from the battery post. Do the exact same for the positive cable red. Now, remove the hold-down clamp and the old battery, then insert the new one. Secure it with the clamp and go in reverse to re-attach the cables. Positive first, then negative. Replace a burned out headlight. Driving around with one headlight or taillight out is not only dangerous but can get you in trouble with the law. Why pay a ticket when you can often swap out a headlight bulb on your own? One of the old Saturn vehicles required full bumper removal to change out headlights, even just the bulbs. Pop the hood, locate backside of your headlight, and remove both the power connector and dust cover. Next, remove the old bulb which takes a little pulling – do not hold it by the glass or get too rough which can cause it to shatter. Because dirt and oils from your hand can cause early burn-out, hold the new bulb by its housing and insert it carefully into the holder. Change out your windshield wipers. Okay, now this is a very basic auto repair and maintenance item that anyone can do on their own. There are a number of places online where you can plug in your vehicle information and find blades to fit properly. While instructions will vary by brand, the process is pretty simple. Locate and press the tab to release your current blades. No tools needed, either! Now that you know a few of the basic auto repair and maintenance items that should be taken care of regularly, you have the insight needed to keep your vehicle safely on the road, rain or shine. Of course, if your days are too hectic or you simply want the experts to take care of your vehicle for you, come see us at Mountain View Automotive in Thornton for friendly service and quality work.

Chapter 7 : 8 DIY Car Maintenance Tips You Can Handle - Checklist

Edmunds Car Maintenance Section provides all the information you need to keep your car at its best, including maintenance schedules, the latest recalls/technical service bulletins, savvy car care.

Chapter 8 : Basic Car Maintenance and Repairs You Can Do Yourself | AxleAddict

In this episode of Saturday Mechanic, Ben Wojdyla shows how to perform some basic maintenance on your vehicle. Find out how to do-it-yourself in this week's episode of Saturday Mechanic.

Chapter 9 : Car Maintenance and Repair - how to articles from wikiHow

For a little background, I didn't own a car for about eight years, and before that, I had a small car I barely had the sense to put gas in, let alone repair anything on.