2004 chrysler pacifica timing belt broke

Dwren81 answered 6 years ago. I have went in and replaced the water pump and the timing belt. Mileage is Moparjohn answered 6 years ago. I assumed that you have a 3. Therefore, the valve train rocker assemblies must be removed before attempting to rotate either crankshaft or camshafts independently of each other. Align the crankshaft sprocket 10 with the TDC mark 9 on the oil pump cover. Align the camshaft sprockets 2, 7 timing reference marks 1, 8 with the marks on the rear cover. Install the timing belt 4 starting at the crankshaft sprocket 10 going in a counterclockwise direction. Install the belt around the last sprocket and maintain tension on the belt as it is positioned around the tensioner pulley NOTE: It is necessary to compress the plunger into the tensioner body and install a locking pin prior to reinstalling the tensioner. Hold the tensioner pulley 11 against the belt and install the reset pinned timing belt tensioner 2 into the housing. When tensioner 12 is in place, pull the retaining pin to allow the tensioner to extend to the pulley bracket. Rotate the crankshaft sprocket 10 two revolutions and check the timing marks on the camshafts and crankshaft. The marks should line up within their respective locations. If the marks do not line up, repeat the procedure. OK we have done all of that. Made sure that all the marks line up correctly. Didn't hear anything indicating that the Pistons hit any valves. But we reset the computer and tried to start and it wouldn't start. It was running fine before it just shut off. So what do you think it could be now? Thanks in advance. No sir. Just replaced the belt and pump and it won't start. So it hasn't ran since the belt broke on me driving. Does everything need to be hooked back up? Like alternator, and the big plate that covers the timing belt? The two timing marks for the camshafts are lined up and the crank is lined up with TDC. Pulled sparkplug and strong gas smell on plugs. Could the cams be rotated 1 full rotation out of time? Gas was expelled from cylinder as it turn over. We loosened the belt tensioner and made rotation to crankshaft to TDC while the cams remained lined up. Still no start. OK thank you. No compression test don't have one yet checking with local auto store. Just now rotated the crankshaft one full turn using ratchet. Hard stop during rotation, moved cam to close valve then continued with crankshaft rotation to tdc. Reset cam to mark after making tdc made full rotation again using ratchet no hard stop. Turn key to start nearly started with 3 plugs out reinsert ed plugs turn key no start. Now seeing oil seeping from rocker arms the way it is supposed to. What if the bottom camshaft is about a inch off cause is hard to align i.. Then wha?? Jessedrewes answered 4 years ago. Why does my journey keep jumping time.? I put it back together after aligning cams and crankshaft to tdc assemble everything changed sensors cam and crankshaft started it and still won't go past rpm so de assembled everything again realigned everything but don't want to re assemble till I know what's wrong.. I replaced timing belt and tensioner and hydraulic tensioner so idk. RonSalas answered 2 years ago. Booker answered 2 years ago. I have a honda accord i am changing the timing belt and water for maintenance reasons. I toke the timing belt off i mark the belt before taking it off as i was putting it back on i note that the Crank has turned when I try to line up the marks It wont let me turn the crank or the cams. So how do i line them back up. TheGuru69 answered about a year ago. Your vehicle will not idle above rpm when in park. It is a safety device in the computer. It is called limp mode or throttle limiter. Put it all together and go drive it. Does the Dodge journey 3. I had one of our maintenance guys go out and help at least get my window back up. We have to play with the b Lost power after replacing timing belt. Car starts and idles good just don't understand loss of power. 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. How to get my timing back correct after replacing timing belt. Report Follow. Mark helpful. Best Answer Mark helpful. Your Answer:. Upload Photo Photo optional. Related Questions. Start a new Dodge Journey question. Sell Your Car Yourself With a simple, secure transaction. Get Started. Search Dodge Journey Questions. CarGurus Experts. Know more, shop wisely Search. Related Models For Sale. Used Cars For Sale. Our mobile mechanics offer services 7 days a week. Upfront and transparent pricing. Our certified mobile mechanics can come to your home or office 7 days a week between 7 AM and 9 PM. An engine timing belt is a fiber reinforced, toothed drive belt manufactured using durable compounds such as highly saturated nitrile. The timing belt allows the crankshaft to drive the camshafts in the cylinder head at half the RPMs of the crankshaft. Engine designs vary, and thus the replacement procedure will vary, but broadly, the procedure is as follows:. No, were a worn out timing belt to snap while underway, perhaps on a highway, it creates a risk of complete loss of engine power while surrounded by fast moving vehicles. Once your vehicle has reached the recommended replacement mileage for the belt, you can eliminate the risk of sudden and unexpected timing belt breakage by having it replaced. If your engine is of the interference type, it is especially important to replace the belt according to the maintenance schedule because sudden breakage of the timing belt, while the engine is running, will likely

cause significant damage to internal engine components such as the valves and pistons. Chrysler Pacifica Timing Belt Replacement at your home or office. Estimate price near me. Service Location. YourMechanic Benefits Online Booking. Mechanic comes to you. Free 50 point safety inspection. See availability. Timing Belt Replacement Service What is a timing belt and how does it work? Timing Belt. When to replace the timing belt? Every 60kk miles. If an engine is equipped with a timing belt, the timing belt must be replaced at the service interval specified by the vehicle manufacturer regardless of whether or not any problem is visible, typically in the range of 60, to 90, miles. Engine stops abruptly or will not start. Occasionally, timing belts can break, or skip, while the engine is running. Rough engine operation. The molded, reinforced teeth on the timing belt engage gears on the crankshaft and camshafts. After many tens of thousands of miles, the teeth can wear or break, or the belt can stretch, thus causing the belt to jump position on the crankshaft or camshaft gears. Should the belt jump, the engine will run poorly and perhaps not at all. Banging or clanking engine noise. On some engines, if the timing belt has jumped, the pistons and valves can collide and there will be noise and damage. These engine designs are referred to as interference engines. If your car has an interference engine, replacing the timing belt according to the maintenance schedule will minimize the chance that a belt failure will cause engine damage. How do mechanics replace the timing belt? Engine designs vary, and thus the replacement procedure will vary, but broadly, the procedure is as follows: Disconnect the battery ground cable. Once the engine is cold, set the crankshaft to top dead center with the number one piston on the compression stroke. Remove crankshaft pulley. Remove all accessories interfering with the removal of the timing belt covers. Remove timing belt covers. Lock camshafts, as required, and note position of camshaft timing marks. Remove timing belt tensioner and idler pulleys. Remove timing belt. If replacing the water pump, do so at this time, and of course drain the cooling system first. If the engine cooling system thermostat is only accessible with water pump replacement, the thermostat should be replaced as well. Installation of the new timing belt includes all of the above steps, performed in reverse, following strict guidelines to assure camshaft and crankshaft and balancing shaft, if equipped are in perfect alignment after tensioner has been set. Upon completion of the installation, the engine crankshaft is turned by hand degrees and the correct position of the timing marks on the crankshaft and the camshafts is confirmed. The vehicle is road tested to confirm normal operation and a service sticker is affixed to the engine noting the date of belt replacement and the vehicle mileage. Is it safe to drive with a timing belt problem? When replacing the timing belt keep in mind: An interference engine should be carefully inspected before a broken timing belt is replaced because it may have sustained damage that will have to be repaired prior to installing a new belt. The timing belt system includes idler pulleys and a belt tensioner. These components should be replaced along with the belt. Mechanics will usually recommend replacing the water pump at the same time that the timing belt is replaced. Yourmechanic was featured in, Popular Chrysler Jobs. Auto service in Your City. Meet some of our expert Chrysler mechanics Real customer reviews from Chrysler owners like you. Excellent Rating. Rating Summary. James 25 years of experience. Request James. Chris 10 years of experience. Request Chris. Pacifica - Alternator - Ogden, UT. Very friendly and did a great job. If I need more work on my car in the future I would definitely use this service again. Jonathan 25 years of experience. Request Jonathan. Pacifica - Alternator - Smyrna, GA. Jonathan was an amazing mechanic, he kept me informed during the entire process as well as answering any questions i had. His customer service is exemplary! Would definitely recommend him!! Thank you again. Ronnaldo 10 years of experience. Request Ronnaldo. Pacifica - Coolant is leaking - Fairburn, GA. He was very courteous, respectful , knowledgeable, friendly, and helpful. How can we help? Read FAQ. Service type Timing Belt Replacement. Ignoring your timing belt can come with a high cost. It drives the camshaft, which is what keeps the valves synchronized, and the crankshaft, which controls the pistons. Your timing belt tells the pistons when to rise and fall, and the valves when to open and close. More often, though, damage is due to wear in the timing belt. Or you can have a mechanic check the belt for you. Most vehicle manufacturers also recommend that you make timing belt replacement a part of your routine maintenance, replacing it every 60, miles. Some belts are good for up to , miles. The level of damage caused by a broken timing belt can depend on the type of engine you have in your car. If the timing is off, be it less than a second, there is nothing to stop the pistons and cylinders from colliding. This throws the rods off, and they start to poke holes in the engine block. Now you know the disastrous consequences of neglecting your timing belt â€" engine valve and piston damage, bent valves, cylinder heads that need to be rebuilt or replaced, and possibly even total engine destruction. The most popular service booked by readers of this article is Timing Belt Replacement. Our certified mobile mechanics perform over services, including diagnostics, brakes, oil changes, scheduled mileage maintenances, and will come to you with

all necessary parts and tools. Our certified mobile mechanics make house calls in over 2, U. Fast, free online quotes for your car repair. Timing Belt Replacement Cost. Service Location. Interference vs. Home Articles. The statements expressed above are only for informational purposes and should be independently verified. Please see our terms of service for more details. Excellent Auto Repair Ratings. YourMechanic Auto Repair. Related Articles. How Does a Timing Belt Work? Recent Timing Belt Replacement reviews. Excellent Rating. Rating Summary. Jonathan 35 years of experience. Request Jonathan. Showed up on time and got the repairs done, I will only book him again in the Future, after I had an issue with another Business locally, I decided to give your mechanic a try, I am glad I did. A true professional. Extremely knowledgable friendly and efficient. Would not hesitate to use again. Brian 23 years of experience. Request Brian. Brian is awesome. Recommend to everyone! The mechanic arrived a few minutes early, he was very cordial, professional, and knowledgeable. Work was performed in a timely manner he seemed to really know what he was doing. I would definitely have him work on my car again whenever I need something done that I am unable to do myself. Eddie 40 years of experience. Request Eddie. Eddie knows what he's talking about. He's gone above and beyond what is expected oh him. He didn't wash his hands off of my vehicle when it was giving him the greatest grief. He persevered through in getting my timing belt replaced. Upstanding job, Excellent service. Mr Eddie is very Efficient, friendly and professional. Highly recommended. Victor 35 years of experience. Request Victor. He stayed beyond the appointment time to make sure my car was running they way it should. Friendly and professional. Victor arrived on time and finished the job! Great service, I just made another appointment with him! Need Help With Your Car? Related articles. The serpentine drive belt connects a huge variety of components of the Read more. How Belt Tensioners Work The The drive belt tensioner in your car is a small component that works in conjunction with the serpentine belt to ensure that everything in your engine works as it should. From time to time, the tensioner should be checked How to Buy a Good Quality Positive Crankcase Ventilation PCV Valve The The positive crankcase ventilation PCV helps create the division of emission-control devices; it routes the leftove

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r combustion gases from the bottom of the engine and the oil pan back into the crankcase where instead of escaping into the atmosphere Related questions Belt popped off car The majority of the time, if the belt pops off the engine, either the belt or something else has broken. If the belt is not what broke originally, the belt may have been damaged after it came off by the The engine ticking on a '95 Lexus LS The first thing you'd want to do is get someone to check the valve lash--it may need the valves adjusted. Those things have pretty bullet-proof engines but they do have the valve adjustments on them that are little, stainless steel Noise from engine belts It kinda sounds like the belt on your Kia Spectra5 may be too loose and is slipping rather than turning the accessories, such as the power steering pump. You may have the wrong belt installed or not have it Browse other content. Schedule your Timing Belt Replacement today! Timing Belt Replacement Price. How can we help? Read FAQ.