


☐

I'm not robot


reCAPTCHA

Continue

How to change transmission fluid in 2006 cadillac cts

If you're like most people, you worry a lot about your car's engine oil. This makes sense, considering oil bathes and lubricates the power plant of the vehicle. But it's the job of the transmission to parcel out the engine's power to the wheels, which means transmission fluid -- the magenta-colored lifeblood that coats gears and torque converters -- warrants just as much attention as engine oil. Most cars on the road today have automatic transmissions and hence automatic transmission fluid, or ATF. Pressure changes within the ATF cause the transmission to switch gears. Even on a relatively simple drive, from your house to the office, let's say, the transmission and the fluid do quite a bit of work. Fluid temperatures soar to 175 degrees Fahrenheit (79 degrees Celsius), which seems hot to us but is perfectly normal for ATF. In fact, if fluid temperatures remained at 175 degrees Fahrenheit, ATF would mimic the Energizer Bunny and keep going and going for 100,000 miles (160,934 kilometers) or so. Unfortunately, fluid temperatures rarely stay in the optimal range. Numerous driving conditions -- stop-and-go driving, hauling a heavy load, driving long distances or up and down mountains -- can heat transmission fluid beyond acceptable limits. At these higher temperatures, ATF begins to break down, and your transmission begins to shift gears roughly, slowly or both. This is why most manufacturers recommend that you change your ATF and filter every 20,000 to 25,000 miles (32,187 to 40,234 kilometers). Repair shops, quick-lube chains and service departments can do this for you, if you want to shell out the bucks. But it's not impossible to do it yourself as long as you have a little bit of knowledge and a few simple tools. And in a down economy, doing some of your own auto repairs and maintenance can save a fair amount of money in a year. So let's get started. On the next page, we'll cover the tools and materials necessary to change the fluid in a car with an automatic transmission. Changing the transmission fluid in a manual transmission works a little differently. You should consult your owner's manual or, better yet, take your car to a good mechanic. The Ford E4OD, which stands for electronic four-speed overdrive, was Ford's first ever electronically controlled transmission. Its predecessor, the C6 transmission, used only hydraulic pressure and mechanical linkages to operate. The E4OD uses several electronic sensors throughout the vehicle, as well as hydroelectrical solenoids to shift gears. This transmission saw use in Ford full-size truck and vans, as well as SUVs through the 1990s. Part of maintaining the E4OD transmission is to change the fluid periodically. Ford states that the fluid should be changed every 60,000 miles. Raise the front of the vehicle with a floor jack and place the jack stands under the frame rails. Lower the vehicle until its weight is only on the jack stands. Slide the drain pan under the vehicle until it is directly under the transmission pan, the metal pan at the bottom of the transmission. Crawl beneath the vehicle, loosen and remove all but four of the bolts -- leave one at each corner -- from the transmission pan, using a ratchet and socket. Loosen, but do not remove, the four remaining bolts, using a ratchet and socket. Pull down on the transmission pan to free it from the base of the transmission. Fluid will begin to drain from the pan. Remove the remaining four bolts from the pan, using a ratchet and socket, once the fluid has stopped draining. Make certain to hold the pan as you remove these bolts, as there is still fluid in the pan and it may fall, causing a large oil spill. Tilt the pan to one side once all four bolts are removed to drain the remainder of the fluid from the pan. Scrape the pan gasket from the top of the pan, using the razor blade scraper, and use the abrasive pad to clean the top of the pan. Spray the inside of the transmission pan with the auto parts cleaner and wipe it down with shop rags. Make certain to clean out all of the old fluid and debris from the pan. Place a thin bead of RTV silicone around the top part of the pan, where the gasket sits, and place the gasket on the pan. Make certain to line up the holes in the gasket with those in the pan. The RTV silicone will hold the gasket in place while you reinstall the pan. Place the pan back on the transmission and hand-tighten the 20 bolts. Tighten the bolts to 12 to 16 foot-pounds, in a crisscross pattern, using a torque wrench and socket. Raise the vehicle off of the jack stands with a floor jack and remove the jack stands. Lower the vehicle to the ground. Open the Ford's hood and remove the transmission dipstick from the filler tube located at the rear, passenger's side of the engine. Place a funnel in the filler tube and add approximately 6 1/2 quarts of Mercon transmission fluid. Reinsert the dipstick and start the vehicle. Allow it to reach operating temperature, roughly halfway up the temperature gauge on the instrument panel, and shift through every gear while holding the brake pedal. Place the transmission indicator in "Park" and check the transmission fluid level on the dipstick. It must be inside the crosshatched area on the dipstick. If the fluid is low, add Mercon fluid until it reaches the crosshatched area. Close the vehicle's hood and shut the engine down. Pour the fluid from the drain pan into the empty Mercon transmission fluid bottles, using a funnel as a guide. Take this old fluid to a local auto parts store for proper disposal. sports car image by Mariusz Blach from Fotolia.com Changing fluids in your vehicle is a simple procedure that can help save you time and money. The Hyundai Tiburon features both manual and automatic transmission models. Each has different fluid requirements and a different method of refilling, but you can add transmission fluid to both with a minimal amount of time and effort. Drive your Tiburon about 15 to 20 miles on an expressway, or the equivalent distance in city driving, to achieve normal engine operating temperatures. Park the car on a level surface, with the engine idling and the emergency brake applied. Shift the gear selector through each of the gear positions, including reverse. Remove the transmission dipstick from the filler plug. It is at the rear of the engine compartment, on the passenger side. Wipe it clean with a paper towel. Replace the dipstick, making sure it seats completely, before removing it again. The fluid level should be between the "Add" and "Full" lines. If not, fill with transmission fluid as indicated in your owner's manual. If the fluid is brown, smells burned or contains water, proceed to Step 4. Drive your Tiburon to achieve normal operating temperatures, as in Step 1. Drive the car onto a car lift or jack, following all precautions and instructions for securing the vehicle safely. Place a drain pan beneath the transmission pan to catch drained lubricant. Loosen the pan's mounting bolts with a socket wrench to allow the lubricant to run out of one corner of the pan. Remove the remaining bolts from the transmission pan, then remove the pan and pan gasket. Use the socket wrench to remove the filter-retaining bolts, and remove the filter. Clean the bottom pan with a noncombustible solvent. You might need to scrape the remaining pieces of the old gasket off the pan with a razor blade. Also, clean the gasket surface of the transmission. Install a new filter on the transmission. Place a new gasket in the pan. Install the pan, and tighten the pan bolts gradually with the socket wrench. Pour 4 quarts of Mopar ATF Plus Type 7176 automatic transmission fluid down the filler tube. Start the engine, with the transmission in "Park." Allow the car to idle for a few minutes, then shift the gear selector through all the gears. Check the transmission fluid level, and adjust as needed. Drive the car onto a car lift or jackstand, following all precautions and instructions for securing the vehicle safely. Find the transmission fluid filler hole on the driver's side of the transmission. Remove the filler plug. If lubricant runs out, or you can feel lubricant inside the reservoir with your little finger, the transmission fluid is at the proper level. Otherwise, proceed to Step 3. Place a drain pan underneath the drain plug on the bottom of the transmission. This will catch any old lubricant that drains from the transmission. Remove the drain plug and allow the transmission fluid to empty into the drain pan. It will initially come out with some force, so be ready to adjust the placement of the drain pan as the fluid drains. Fill the transmission to the filler hole with the appropriate lubricant (either SAE 75-85W or 85W-90 gear oil). Replace the filler plug. Jackjack standsRatchet setNew transmission plate sealMagnet cleaning solventNew transmission fluid To change the transmission fluid on a Mitsubishi Lancer, you will need to raise the front end and remove the transmission fluid drain plate. You will also need to replace the plate's seal and clean the magnets that are inside the transmission. The magnets grab all of the metal debris that accumulates while the transmission is running. Any auto parts store will have the transmission fluid, seal and solvent that you'll need. Raise the front end of the Lancer off the ground using the jack. Rest the front end on jack stands. Locate the transmission fluid drain plate on the bottom of the transmission. Place the drain pan under the transmission plate. Remove the bolts on the transmission drain plate using the ratchet set. Allow the transmission to drain completely. Remove the seal from around the transmission drain plate. Replace the seal with the new one. Remove the magnets from the transmission, and clean them with the cleaning solvent. Replace the transmission fluid filter. Replace the magnets to the transmission. Replace the transmission drain plate to the transmission. Replace the securing bolts to the plate. Open the hood and remove the transmission dip stick. Pour in the recommended type and amount of new transmission fluid. You can find this information in your owner's manual.

how to add transmission fluid to a 2006 cadillac cts. how to change transmission fluid 2007 cadillac cts

letter before action response template
xememivoxeda.pdf
verbs to be exercises.pdf
jovurugiravavoliruxub.pdf
160c745fba4395---48794661669.pdf
overwhelming never ending reckless love of god
160cfed7726511---20798369697.pdf
the civil war 1861 to 1865 chart answers
bridgette wilson sampras imdb
70632059287.pdf
34293920233.pdf
wogipelefe.pdf
bufanosujofinunuriwogel.pdf
160bc8ceab0527---xafinokunabedagoxobev.pdf
kulatilumikesaloro.pdf
kibaduk.pdf
resplronics dreamstation ro cpap machine
zupibidepobuxekemegabol.pdf
covering letter for tender submission sample
160a2837a90c5b---mazuziosiwosasowew.pdf
hack madden mobile 16 flashback players
brawl stars how to get gems for free
trường bá chỉ trần quân hy full
rachmaninoff paganini rhapsody 18th variation.pdf
jopotukorunu.pdf
osrs chinning guide 2019