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Locate the 16 mm hex oil drain plug. The plug is located along the center line of the truck and is next to the exhaust pipe bend. Position an oil drain pan below the oil drain plug so that it will catch the oil as it drains out of the oil pan. Step 2 Always wear protective gloves and eyewear when working with motor oil. Be careful if your car has been running recently as the engine, transmission and exhaust may be very hot. Keep rags or towels nearby to wipe up any spills. Use a 16 mm socket wrench or box end wrench to turn the oil drain plug counter-clockwise until it is loose. Finish removing the oil drain plug by hand and allow the oil to drain. Watch the draining oil for shiny specks. The shiny specks may be metal flakes and could mean that there is a serious problem with your engine internals. Step 3 Wipe off the oil drain plug using a clean towel or rag. Step 4 Once the draining oil has slowed to a drip, wipe off the area around the oil drain plug hole with a clean rag or towel. Re-insert the oil drain plug and turn it clockwise by hand as far as possible. Continue turning the drain plug with the 16 mm socket wrench or box end wrench until it is snug. Only tighten the drain plug until it is snug. Over-tightening the oil drain plug can strip the threads or crack the oil pan. Step 5 Locate the oil filter. It is on the bottom side of the engine, towards the driver's side of the truck and behind the front bumper. Move the oil drain pan below the oil filter so that it will catch any oil that drips down when the oil filter is removed. Step 6 Turn the oil filter counter-clockwise by hand until it comes off the engine's oil filter threads. If the filter is too tight to turn by hand, use an oil filter wrench. Lower the oil filter out of the engine bay with the threaded end facing up to reduce the amount of oil spilled. Place the oil filter into the oil drain pan with its open end facing down. Wipe off the engine's oil filter gasket face with a clean rag or towel. Step 7 Wet the tip of a clean gloved finger with fresh oil and spread the oil around the new oil filter's seal. Place the threaded end of the oil filter onto the engine's oil filter threads, being careful to not get dirt or debris on the filter's gasket. Turn the filter clockwise by hand until it is snug. If the filter is difficult to turn at the beginning of its threads, stop! You may be cross threading the oil filter. Re- align the oil filter and try again. Do not over-tighten your oil filter by using a wrench. Doing so may cause the oil filter seal to leak and will make removing the oil filter very difficult in the future. Remove the oil drain pan from underneath the truck. Step 8 Locate the hood release lever. It is located under the driver's side dash and is labeled "HOOD". Pull this lever until you hear the hood click open. Locate the hood release latch. It can be seen through the passenger side hood grill near the top center. Push the hood release latch towards the driver's side of the car and lift the hood open. Step 9 Locate the oil filler cap. It is on the front driver's side of the engine bay and will have an oil can symbol on it. Turn the cap counter-clockwise by hand until you can remove it. Step 10 Insert a funnel into the oil filler hole. Pour 6 quarts of 10W-30 automobile oil into the engine. Use one hand to stabilize the funnel to help prevent spills. Consult your owner's manual if you think your operating conditions call for a different oil viscosity. Remove the funnel. Step 11 Place the oil filler back over the oil filler hole and turn it clockwise by hand until it is snug. Step 12 Locate the oil dipstick. It has a yellow handle, is near the back center of the engine bay, and is embossed with "Engine Oil". Pull out the oil dipstick, wipe it off, place it all the way back into its hole, and remove it again. Check the oil level on the end of the dipstick. It should be within the "safe" marks or slightly above. This is not your actual oil level, but a pre-check to make sure the engine will not run dry when you first start it. The oil level will drop slightly after the first run when oil fills the new oil filter. Add oil if the oil level is below the "safe" area of the dipstick. Place the oil dipstick all the way back in its hole. Step 13 Gently lower the hood until it clicks into the secondary latch, then press firmly on the top of the hood until it locks into the main latch. Step 14 Start the truck and look for leaks under the truck. If there are leaks, shut the truck off and determine if the drain plug or filter need to be tightened, or if a part has been damaged. After running the engine for a few minutes, let it cool down for at least an hour and re-check the oil level. If the oil level is more than a 1/2" above the top of the "safe" section of the dipstick, you will need to drain oil. If the oil level is below the "safe" section of the dipstick you will need to add oil. Place your old oil filter face down in your oil drain pan and allow 12-24 hours for all the oil to drain out. Take your old oil and filter to a recycling facility. Most auto parts stores and repair shops accept these at no charge. In addition, some cities and/or counties have a service where they will collect used oil and filters from your home. For more information, see the American Petroleum Institute's web page on used motor oil collection and recycling. The 2002 Dodge Dakota 4.7 comes equipped with a powerful and reliable V8 engine. Here are the key specifications of this engine configuration: Engine Type4.7L V8Displacement4.7 litersNumber of Cylinders8ValvetrainOverhead Valve (OHV)Horsepower235 hp @ 4,800 rpmTorque295 lb-ft @ 3,200 rpm Proper engine oil maintenance is crucial for the performance and longevity of your 2002 Dodge Dakota 4.7 engine. Here are the recommended engine oil specifications and service intervals:Engine Oil Type5W-30Oil Capacity (including filter)6 quarts (5.7 liters)Oil Change IntervalEvery 3,000-5,000 miles (or as recommended by the manufacturer)Oil FilterRecommended to use a high-quality oil filterProperly maintaining your engine oil is essential to ensure optimal engine performance and longevity. Regular oil changes, using the recommended oil type and filter, will help keep your engine running smoothly and efficiently.Steps to Perform an Oil Change Performing regular oil changes is a straightforward process that can be done by following these simple steps:1. Gather the necessary tools and materials, including a new oil filter, the recommended amount of engine oil, a wrench, and an oil pan to collect the old oil.2. Ensure your vehicle is parked on a level surface and the engine is cool.3. Locate the oil drain plug underneath the engine and place the oil pan beneath it.4. Use the wrench to loosen and remove the oil drain plug, allowing the old oil to drain completely into the pan.5. Once the oil has drained, reinstall the drain plug securely.6. Locate the oil filter, which is typically located near the engine block, and remove it using an oil filter wrench.7. Before installing the new oil filter, apply a thin layer of clean oil to the rubber gasket on the top of the filter.8. Install the new oil filter by hand, ensuring it is tightened securely but not overly tightened.9. Locate the oil filler cap on the top of the engine and remove it.10. Slowly pour the recommended amount of new engine oil into the oil filler opening.11. Once the oil is filled, securely reinstall the oil filler cap.12. Start the engine and let it run for a few minutes, allowing the new oil to circulate throughout the engine.13. Turn off the engine and check the oil level using the dipstick. Add more oil if necessary to reach the recommended level.14. Properly dispose of the old oil and oil filter at a designated recycling center. Dodge V10 Truck Engine: Specs, Configuration, and MaintenanceBy following these steps and adhering to the recommended oil change intervals, you can ensure that your 2002 Dodge Dakota 4.7 engine remains in excellent condition, providing you with reliable performance for years to come.Remember, regular maintenance and timely oil changes are essential for the overall health of your engine. Always consult your vehicles manual for specific instructions and recommendations from the manufacturer. Welcome to our in-depth oil guide created for your 2002 Dodge Dakota. Whether youre confirming your existing knowledge or dont have the vehicles manual accessible, this guide aims to offer all the vital information for keeping your Dodge Dakota in excellent condition.2.5L L4 Engine: The 2002 Dodge Dakota with a 2.5L L4 Gas engine requires 4.5 quarts of SAE 10W-30 motor oil, including its oil filter. The compatible OEM oil filter is the Mopar 05281090AB.3.9L V6 Engine: The 2002 Dodge Dakota equipped with a 3.9L V6 Gas engine can hold up to 4 quarts of SAE 10W-30 motor oil. The Mopar 05281090AB is suggested as the OEM oil filter.4.7L V8 Engine: The 2002 Dodge Dakota featuring a 4.7L V8 Gas engine has an oil capacity of 6 quarts. It uses SAE 5W-30 motor oil, and the Mopar 05281090AB is the recommended OEM oil filter.5.9L V8 Engine: Lastly, the 2002 Dodge Dakota featuring a 5.9L V8 Gas engine has an oil capacity of 5 quarts. It uses SAE 10W-30 motor oil, and the Mopar 05281090AB is the recommended OEM oil filter.Engine Oil for 2002 Dodge DakotaOil Filters for 2002 Dodge Dakota Regardless of the trim of your 2002 Dodge Dakota whether its the Base, SLT, Sport the engine oil requirements remain consistent as long as the engine option is the same. These requirements depend primarily on the engine option your specific trim is equipped with.Quick Recap 2002 Dodge Dakota Oil Capacity, Type, and FilterFor 2.5L L4 Engine For 3.9L V6 EngineFor 4.7L V8 Engine For 5.9L V8 Engine Maintain Your Dodge Dakotas ExcellenceTo maintain peak performance and protect the health of your engine, its essential to select oils and filters that match Dodges specifications. Consider high-quality oil alternatives from well-known brands that meet or surpass Dodges standards and are API-certified for gasoline engines. If the original OEM oil filters are unavailable, you can opt for 2002 Dodge Dakota cross-reference oil filters or alternate oil filters from other reputable brands.Regularly servicing your 2002 Dodge Dakota with the right engine oil and oil change intervals is key to maintaining its performance and longevity. By following these guidelines, you ensure that your Dodge stays in top condition, ready for whatever adventures lie ahead. This information is carefully compiled from the specific 2002 Dodge Dakota Owners Manual. For more maintenance information, be sure to check out your vehicles owners manual.Amsoil -- 2002 DODGE DAKOTA 4.7L 8-cyl -- AmzoilIP: LoggedMessage: Maybe his helps ... Capacities and Torques for a 2002 4.7L 2002 DODGE TRUCKS DAKOTA 4.7L 8-cyl VIN Code N CAPACITIES Engine, with filter ..... 6.0 quarts[1] Cooling System, Initial Fill ..... 17.0 quarts Automatic Transmission, 42RE Initial Fill ..... 4.0 quarts[2] Automatic Transmission, 44RE Initial Fill ..... 4.0 quarts[2] Automatic Transmission, 46RE Initial Fill ..... 4.0 quarts[2] Automatic Transmission, 545RFE 2WD Initial Fill ..... 5.5 quarts[2][3] Automatic Transmission, 545RFE 4WD Initial Fill ..... 6.6 quarts[4][5] Automatic Transmission, A45RFE 2WD Initial Fill ..... 5.5 quarts[6][7] Automatic Transmission, A45RFE 4WD Initial Fill ..... 6.6 quarts[8][9] Automatic Transmission, Total Fill 42RE ..... 10.0 quarts 45RFE ..... 14.0 quarts 46RE ..... 10.0 quarts Manual Transmission, NV1500 ..... 4.6 pints Manual Transmission, NV3500 2WD ..... 4.9 pints Manual Transmission, NV3500 4WD ..... 4.2 pints Differential, C205F Front ..... 3.6 pints Differential, with 7.25 ring gear Rear ..... 3.0 pints Differential, with 8.25 ring gear Rear ..... 4.4 pints Differential, with 9.25 ring gear Rear ..... 4.9 pints Transfer Case,NV133, NV233 ..... 2.5 pints Transfer Case,NV244 ..... 3.0 pints Transfer Case,NV241 ..... 4.6 pints Transfer Case,NV241 HD ..... 6.5 pints Transfer Case,NV241 GENII ..... 3.4 pints Transfer Case,NV243 ..... 3.4 pints 1. After refill check oil level 2. With engine automatic transmission operating temperature, shift through all gears. Check fluid level in NEUTRAL and add fluid as needed. 3. DTC'S may be set , reset with DRB III, if necessary 4. With engine automatic transmission operating temperature, shift through all gears. Check fluid level in NEUTRAL and add fluid as needed. 5. DTC'S may be set , reset with DRB III, if necessary 6. With engine automatic transmission operating temperature, shift through all gears. Check fluid level in NEUTRAL and add fluid as needed. 7. DTC'S may be set , reset with DRB III, if necessary 8. With engine automatic transmission operating temperature, shift through all gears. Check fluid level in NEUTRAL and add fluid as needed. 9. DTC'S may be set , reset with DRB III, if necessary TORQUES Oil Drain Plug ..... 25 ft-lbs Transfer case Fill Plug ..... 15-25 ft-lbs Drain Plug ..... 15-25 ft-lbs Manual Transmission NV3500 Fill Plug ..... 14-20 ft-lbs Drain Plug ..... 14-20 ft-lbs _____ You can Request a FREE Amsoil Catalog by clicking the following link.Steven Roark , Amsoil Dealer , Proud Sponsor of www.DodgeDakotas.comAMSOIL Synthetic Motor Oils, Lubricants, Filtration, and Truck Care Products

What oil does a dodge dakota 4.7 take. 2002 dodge dakota 4.7 engine oil type. 2002 dodge dakota 4.7 oil type. 2002 dodge dakota 4.7 oil capacity. How many quarts of oil for 4.7 dodge dakota. 2002 dodge dakota 4.7 oil filter location. Dodge dakota 4.7 oil capacity.