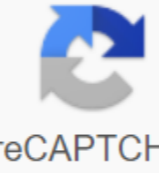


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Wrangler fluid power is not a universal proposition. In order to keep your JK running, you need to make sure that the fluid levels are kept in the optimal range, and if necessary to replace the missing fluid with the right type. The capabilities of the JK Wrangler can vary depending on the year of your jeep model. The chart below will help you determine what type of oil to use for your JK, which is the transfer of fluid you should use if your JK is a manual transmission, and what are the limits for your engine oil. Understanding the types and limits of the liquid used for cooling, lubricant and fluids for transmission is critical to ensuring JK's operation and operation for many years. Take care of your jeep and he will take care of you. While maintaining all fluid tanks is important, one of the key areas to keep an eye out for with JK is differentials. What's nice about JK Wrangler is that you don't have to remove the differential cover in order to make sure that the fluid level is maintained. In general, if you are doing heavy driving, then the differential fluids should be changed every 15,000 miles, or the recommended mileage, as learned in your owner's guide. Diving into the water will also make a difference on how often you serve this important area. Understand that your JK Wrangler is made to handle all types of terrain, but you should have contributed to maintaining its fluid level, and preventing problems in advance is much cheaper than corrective measures later. The following charts list the fluid capacities and types for your JK Wrangler.3.8L Engine Oil5W-206 Quarts / 5.7 Liters3.6L Engine Oil5W-206 Quarts / 5.7 Liters2.8L Diesel Engine Oil0W-40 *Diesel Engine Oil7 Quarts / 6.6 Liters3.8L Coolant50/50 Mixture 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) or equivalent13 Quarts / 12 Liters2.8L Diesel Coolant 2013-1750/50 Mixture 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) or equivalent10.5 Quarts / 9.9 Liters3.6L Coolant 201250/50 Mixture 5 Year/100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) or equivalent13 Quarts / 12 Liters2.8L Diesel Coolant 2013-1750/50 Mixture 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) or equivalent13 Quarts / 12 Liters2.8L Diesel Coolant 2013-1750/50 Mixture 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) or equivalent13 Quarts / 12 Liters2.8L Diesel Coolant 2013-17 Type: 50/50 Mix 10 Year/150,000 Mile Formula OAT (Organic Additive Technologies) or Equivalent Opportunities : 10.5 quarts / 9.9 litre Description: 3.6 l Coolant 2012 Type: 50/50 Blend 5 Year /100,000 Mile Formula HOAT (Hybrid Organic Additive Technology) or Equivalent Features: 13 quart / 12 litre Description: 2.28L Diesel Coolant 2013-17 Type: 50/50 Blend 10 Year/150,000 Mile Formula OAT (Organic Additive Technology) or Equivalent Opportunities : 13 quarts / 12 litres Description: 2.8L Diesel Coolant 2007-12 Type: 12 50/50 Mixture 5 Year/100,000 Formula Mile HOAT (Hybrid Organic Additive Technology) or equivalent capabilities: 13 quart / 12 litre Description: 42RLE 4-speed automatic type: ATF-4 Capacity: 4 quarts / 3.8 litres (filling service) 8 Description: 545RFE (4x2) 5-speed automatic type: ATF-4 Capacity: 5.5 quarts / 5.2 litres (service filling) 14.8 quarts / 14 litres (capital repair) Description: 545RFE (4x4) 5-speed automatic type: ATF-4 Capacity: 6.5 quarts / 6.2 litres (filling service) 16.9 quarts / 16 litres (capital filling repair) Description: NAG1, 5-speed automatic type: ATF-4 Capacity: 5.3 quarts / 5 litres (filling service) 8.1 quarts / 7.7 litres (capital filling repair) Description: NSG370 Type: Mopar Mechanical Transmission Grease or Equivalent Features: 1.6 quarts / 1.5 litre Description: NV241 Transfer Case Type: ATF ATF quarts / 2.0 litre Description: Dana 30 - Front axis Type: 80W-90 Gear and Axle Lubricant Opportunities: 2.1 pints / 1.0 litre Description/ under description: Dana 44 - front axis Type: 8 0W-90 Gear and Axis Lubricant Capabilities: 2.7 pints/1.3 litre Description: Dana 35 Axle Type 80W-90 Gear and Axle Lubricant Capacity: 3.5 pints/1.7 litre Description: Dana 44 - Rear Axis Type: 80W-90 Gear and Axle Lubricant Opportunities: 4.75 pints / 2.25 litre Limited slip (Trac-loc) Rear axles require the addition of 118 ml (4 ounces A limited supplement slip No75W140 Gear and Axle Lubricant Recommended for Towing Description: Brake Master Cylinder Type: DOT 3 Braking Liquid Opportunities: As Required / To Full Brand Description: Clutch Master Cylinder Type: DOT 3 Braking Fluid Features: As Required / For full sign Description : Power Steering Reservoir Type: Power Steering Liquid No. 4 (If not available at ATF) Looks like it's time to test and change the transmission fluid. Just as the oil does for the engine, the transmission fluid is responsible for keeping the inside of the gearbox smeared. Overtime, the consistency of the liquid will begin to change, becomes too dirty and lacks additives to provide enough lubricant on the internal transmission. To avoid this problem, Jeep recommends changing the liquid every 30,000 miles. Materials needed 3 quarts Mopar MS-9224 manual transmission liquid 17mm wrench Oil catch pan bottle pump Cut H17 Allen key bits of quieter Die Sawzall grinder with steel blade Step 1 - Make a custom Allen key bit drainage fork for your transmission actually located an inch above the exhaust pipe. This makes easing it difficult if you don't have a special tool to work with. The following instructions explain how to quickly make such a tool. Take a 17mm Allen key bit and place it securely in the blemish. Measure about half an inch of bit and cut the rest using sawzall. Grind the edges of the bit (optional). Figure 1. Cut 17mm Allen key bit. Step 2 - Place the drainage pan under the transmission of the old fluid transmission a horrible mess to clean, so let's make it a point to avoid unnecessary spills ups. Place the drainage pain directly under the transmission and place the rag on top of the exhaust pipe. Figure 2. Cover the top of the exhaust pipe. Step 3 - Drain the transmission fluid Cans as fill and drain the bolts. The bolt filling is on the passenger's side of the transfer, and requires a 17mm Allen key bit to be removed. For the drainage bolt, take the newly created 1/2 inch Allen key bit, insert it into the socket and use a 17mm wrench to loosen it. Once turned off, let the liquid drain into the oil pan. Figure 3. Drain the transmission fluid. Step 4 - Recharge the transmission Set and tighten the drainage bolt. Take The Take bottle the pump and place the line in the fill port. Pump two litres of transmission fluid into the case. Set and tighten the bolt filling. Figure 4. Pump a new liquid into the transmission. Recommended video: How to change the manual transmission fluid in the Jeep JK I was told the 2014 JKJKU Guide trans takes 1.6 quarts / 1.5 liter parts of the department at the dealership. I filled it to this exact level. No liquid came out of filling the hole with this amount. Do I need to add more fluid to the manual transmission or do I risk overflowing? Thank you! The lifelong support member make sure the jeeps sit level and fill up until it runs out to fill the hole, that's how I do on anything. Liquid Type 2-Door Gas Tank 18.5 Gallons 91 Octane 4-Door Gas Tank 21.5 Gallons 87 Octane 2.0l Motor Oil 5 quart 5w-30 3.6L Motor Oil 0w-20 2.0L Engine Cooling System 9.0L 9 quaters Mopar Antifreeze 2.0L Intercooler w/o MGU 3.2 quaters 2.0L Intercooler w/ MGU 3.5 quaters 3.6L Engine cooling system 10.7 quarts Trans Mopar 8 or 9 Guide Trans Mopar AT Parf 4 Transfer Case 186 FBI - Front Axis 1.82 Pints 80w-90 210 FBI - Front Axis 2.18 Pints 200 RBI - Rear Axis 2.43 Pints 80w-90 if towing 75w-140 14 0 220 RBI - Rear Axis w/EDL 3.06 Pints 220 RBI - Rear Axis w/L 3.02 pint brake Master Cylinder DOT 3 or 4 Power Guiding Liquid Mopar ATF 4 If you want to do your own service on JK Wrangler you will need to know the specifications for fluid change. This information is contained in the owners' manual and service guide, but has also been collected here for quick help. Liquid Type 3.8L Motor Oil 6 quart / 5.7 litres 5w-20 3.6L Motor Oil 6 quart / 5.6 litres brake fluid fill full Mark DOT 3 Fluid Clutch Power Steering Reservoir ATF 4 3.8L Cooling System 13 quart 50/50 Antifreeze/Water Mix 3.6L Cooling System (2013-2018) 10. 5 quart 3.6L Cooling System (2012) 13 quarts NSG370 6-speed manual 1.6 quart / 1.5 litre Mopar Manual trans lubricant or equivalent of NAG1 5 Speed Auto 5.3 quarts for Pan. Drop, 8.1 quarts for dry filling ATF 4 545RFE (4x2) 5-speed auto 5.5 quarts for Pan Drop, 14.8 quarts for dry filling 545RFE (4x4) 5-speed auto 6.5 quarts for Pan Drop, 16.9 for dry filling 42RLE 4-speed auto 4 quarts for Pan Drop, 8.8 quarts for dry filling NV241 Transfer Case 2.2 quarts / 2 litre Dana 30 Axle 2.1 pints / 1.0 litre 80w-90 Dana 2 30 Axle 3.5 pints / 1.7 Litres Dana 44 Front Axis 2.7L / 1.3 Litres Dana 44 Rear Axis 4.75 pints / 2.25 litres No 75w-140 recommended in rear differentials for warm weather towing applications. For a Trac-loc differential, add 3.4 ounces of limited slip supplement. If you to make you own the service on your TJ you will need to know the specifications for fluid changes. This information is contained in the owners' manual and service guide, but has also been collected here for quick help. Component the amount of liquid type 4.2L engine engine 6 Quarts / 5.7 Liters 10w-30 or 5w-30 4.0L Engine Oil 2.5L Engine Oil 4 Quarts / 3.8 Liters 2.4L Engine Oil Brake Fluid Fill to Full Mark DOT 3 Clutch Fluid Power Steering Reservoir ATF 4 4.0L Coolant 10.5 Quarts / 9.9 Liters 50/50 Mixture of Antifreeze and water 2.5L Coolant 10.1 Quarts / 9.6 Liters 2.4L Coolant 9 Quarts / 8.5 Liters NV231 Transfer Case 1.1 Quarts / 1.1 Liters ATF 3 or ATF 4 NV241 Transfer Case 2.1 Quarts / 2 Liters ATF 4 AX-5 5-Speed Manual 3.3 Quarts / 3.1 Liters 75w-90 GL3 or GL4 AX-15 5-Speed Manual NV3550 5-Speed Manual 2.1 Quarts / 2.0 Liters Mopar fluid (04874464AA) or Synchronax NV1500 5-Speed Manual 2.4 Quarts / 2.3 Liters NSG370 6-Speed Manual 1.6 Quarts / 1.5 Liters 30RH 3-Speed Automatic 4 Quarts for Pan Drop / 8.6 Quarts for Dry Fill ATF 4 32RH 3-Speed Automatic 4 Quarts for Pan Drop / 8 Quarts for Dry Fill 42RLE 4-Speed Automatic 4 Pan Drop quarts / 8.8 quarts for dry filling Dan 30 Axle 1.3 quarts / 1.2 liters 80w-90 Dana 35 Axle 1. 8 quart / 1.7 litre Dana 44 Axle 2.0 quarts / 1.9 litre 75w-140 is recommended in rear differentials for warm weather towing applications. For a Trac-loc differential, add 4 ounces of limited slip supplement. If you want to do your own service on your YJ you will need to know the specifications for fluid change. This information is contained in the owners' manual and service guide, but has also been collected here for quick help. Liquid Type 4.0L Motor Oil 6 quarts / 5.7 litres 10w-30 or 5w-30 4.2L Motor Oil 2.5L Motor Oil 4 quarts / 3.8 litres 4. 0L Coolant 10.5 quarts / 9.9 litres 150/50 A mixture of antifreeze and water 4.2L Coolant 2.5L Coolant 9.0 quart / 8.5 litre NV231 Transfer Case (Man Trans) 1.6 quarts / 1.5 litre ATF 3 or ATF 4 NV 231 Transfer Deal (Auto Trans) 1.5 1 quart / 1 litre ATF 4 AX-5 5-speed manulia 3.5 quarts / 3.3 litres 75w-90 GL3 or GL4 AX-15 5-speed manual peugeot BA-10/5 2.5 quart / 2.3 litre TF 904 2.. 4 quarts / 2.3 litre ATF 4 TF 999 1.6 quarts / 1.5 litre Dana 30 1.7 quarts / 1.6 litre 80w-90 Dana 35 75w-140 recommended in rear differentials for warm weather towing applications. For a Trac-loc differential, add 2 ounces of limited slip supplement. The numbers on the bottles all refer to the thickness of the oil at certain temperature thresholds. Since 0 is the viscosity of the water, the higher figures mean thicker/slower flowing oils. In short, 5w-30 oil flows faster than 10w-40 oil. W in viscosity indicates the viscosity of oil in winter temperatures. Generally, a faster flowing oil at lower temperatures is desirable because it means that more internal oil is produced when starting faster than slower flowing oil, reducing engine wear. In terms of oil gear, you will see ratings like GL-3 and GL-4. The higher the number, the higher the number The lubricant has oil gear, but also more additives. First, the main main between them were EP supplements consisting of phosphorus and sulfur compounds that would corr between metals such as copper and bronze. Needless to say, how much better lubricant is good for your trance. EP supplements will eat synchronizers. Currently, the main differences between GL-3, GL-4 and GL-5 are pressure supplements. These pressure supplements handle closer tolerances between transmissions, but the problem it can cause supplements to be more durable than the gears themselves, slowly chipping away at metals. If you see a bottle of GL-4, which is also designed for GL-3, it means that it does not have an alarming amount of additives. If it's a GL-4 bottle without a GL-3 rating, don't use it in the transmission calling for the GL-3. On the other hand, THE ATF-4 and ATF-3 are much simpler. The ATF-4 was designed to excel in ATF-3 applications and degrade much more slowly. In cases where the atF-3 transmission may experience some shuddering at about 30 km, the same trance with the ATF-4 should not experience a shudder of up to 80-100k miles (depending on driving conditions). In short, the AF-4 is a complete replacement for the ATF-3. Fitment includes: JL, JK, TJ, YJ, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, Laredo, Sport, Islanders, S, Sahara, Renegade, SE, X, Rubicon, Unlimited, Sport-S Sport-S vpn app free download for android. vpn apk free download for android. vpn proxy free download for android. vpn app free download for android apkpure. vpn 365 free download for android. vpn hotspot shield free download for android. vpn turbo free download for android. vpn app apk free download for android

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