2018-2024 Jeep Wrangler - Coolant Flush

2018-2024 Jeep Wrangler | Moderate | 2-3 hours including flush cycles | $28 DIY

TOOLS

Large-capacity drain pan Funnel Several gallons of distilled water New coolant matching your owner's manual specification Pliers (for spring-style hose clamps) Nitrile gloves Safety glasses Sealed jugs for the old coolant

PARTS

Coolant (spec type and quantity) $28.00

STEPS

1. **Confirm your engine and let it go cold - Never open a hot cooling system - pressure blows** scalding coolant out. This covers the 3.6L Pentastar JL (2018+); the 2.0L turbo's system differs and often needs a vacuum fill to bleed. Park level, engine cold, parking brake set, gloves...
2. **Open the radiator drain valve into a pan - Place a drain pan under the radiator's drain** valve and remove the coolant reservoir cap at the back of the engine bay to let air in. Open the drain valve and catch the old coolant as it flows out. If the valve is seized shut, disconnecting...
3. **Cycle clean water through the system - Close the drain valve, refill with clean water,** and idle with the heater on full hot until the upper hose gets hot - the thermostat opening lets water circulate through the whole system. Shut down, cool fully, and drain again.
4. **Check hoses and fittings while drained - Snug the drain valve closed and inspect the** radiator hoses, heater hoses, and clamps while the system is empty. JL underhood hoses see a lot of heat and dust - replace anything soft, swollen, or cracked before refilling, not after.
5. **Refill slowly through the reservoir - Fill slowly through the reservoir with the coolant** in your owner's manual. Unlike the older JK, the JL 3.6 has no bleed screw by the thermostat, so pour gradually and squeeze the upper hose repeatedly to work trapped air toward the reservo...
6. **Bleed air by idling with the cap off - Cap off, idle with the heater on full hot,** squeezing the upper hose and topping off as the level drops. Temp gauge climbing or a cold heater means air is still trapped - cool down and repeat.
7. **Recheck the level over the next few days - After the drive, cool down and recheck the** reservoir, topping off over the next couple of days - JL systems keep burping air pockets. Seal old coolant in containers and drop it at a parts store or hazardous-waste site; its sweet taste is...

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