2021-2024 Genesis GV80 - Replace Brake Pads

2021-2024 Genesis GV80 | Advanced | 2-3 hours | $125 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Torque Wrench C-Clamp Socket Wrench Lug Wrench Brake Grease Rubber Mallet

PARTS

Front Brake Pads 58101T6A20 $100.00
Brake Fluid $15.00
Brake Grease $10.00

STEPS

1. **Loosen lugs and raise the vehicle - The 2021-2024 Genesis GV80 2.5T has a critical brake** configuration split. There are TWO factory front setups: Config A (2-piston caliper, 360x30mm rotors, D2379 pads) on the 2.5T; Config B (4-piston caliper, 380x34mm rotors, D2376 pads)...
2. **Remove the wheel - Remove the front wheel. Verify Config A: 2-piston sliding caliper,** 360mm rotor. If you see a 4-piston caliper or 380mm rotor, you have Config B (3.5T parts) - stop and verify. The 2.5T’s 360x30mm rotor is substantial. The 2-piston slidin...
3. **Remove the caliper - Remove the caliper bolts and slide the 2-piston caliper off. Support** it with wire. If replacing rotors, remove the bracket. The 360mm rotor should slide off. Verify the new rotor is 360x30mm (Config A for 2.5T), not 380x34mm (Config B for...
4. **Remove old pads and hardware - Remove the old pads (D2379 for Config A). The GV80 is** heavy (~4,600 lbs) - the front brakes work hard. Inspect the 360mm rotor for scoring or minimum thickness. The 2.5T’s brakes are sized for the SUV’s weight.
5. **Compress the piston - Push the two pistons back evenly. Use a piston tool with even** pressure - don’t cock them. Open the reservoir cap. The 2-piston caliper needs balanced retraction. Clean the boots. The GV80’s calipers are quality - they should retract we...
6. **Clean and install hardware - Clean the bracket thoroughly. Install new hardware. Install** the new D2379 pads (Config A for 2.5T) - ensure they’re not D2376 (Config B for 3.5T). The 2.5T’s pads must match the 360mm rotor and 2-piston caliper.
7. **Install new pads and caliper - Slide the 2-piston caliper back over the new D2379 pads.** Reinstall the caliper bolts - a Genesis TSB cites 65.1-79.6 lb-ft for caliper tightening (reference only; verify for GV80). Ensure the brake hose isn’t twisted. The EPB is rear-o...
8. **Refit wheel and pump the pedal - Reinstall the wheel and torque to Genesis spec in a star** pattern. Lower the GV80. Bed the pads with moderate stops. Test drive: the GV80 2.5T should stop confidently. Verify no warning lights. The EPB (rear) is unaffected by this front job...

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