# 2017-2024 Porsche Panamera - Front Brake Pad



**2017-2024 Porsche Panamera | Moderate | 2-3 hours | $203 DIY**

**TOOLS**

Floor jack and rated jack stands  Lug wrench or breaker bar  Torque wrench  Caliper piston retraction tool or large C-clamp  Caliper guide-bolt sockets  Wire brush  High-temperature brake grease  Bungee cord or wire  Brake cleaner  Clean rags  Gloves and eye protection

**PARTS**

Front brake pad set (971 Panamera, matched to brake package) $143.00
Front pad wear sensor $50.00
Brake cleaner $10.00

## STEPS

1. **Confirm the 971 Panamera and stage the correct pads - 2017-2024 Panamera on the 971** chassis. Pad shape varies with the brake package, so match parts to your VIN and buy a front axle set plus a wear sensor. Check for steel or PCCB carbon-ceramic brakes; pads and procedure differ.
2. **Loosen the wheel bolts and raise the front - With the parking brake engaged, break the** wheel bolts loose while loaded. Raise the front at the jacking points and set it on stands at subframe points. Never work under a car held only by a jack.
3. **Remove the wheels and inspect the brakes - Remove the wheel bolts and lift off both front** wheels to expose the multi-piston calipers. Photograph the wear-sensor routing and anti-rattle hardware first. Check rotors for scoring, cracking, or a deep lip requiring replacement with the...
4. **Disconnect the pad wear sensor - The 971 has a wear sensor on one side, clipped to the** inner pad. Unplug the wheel-well connector without pulling the wire. If the sensor tip is worn through, replace it with the pads or the dash warning stays on.
5. **Retract the caliper and remove the old pads - Remove the bolts and slide the caliper off** the carrier, supporting it with a bungee, never by the hose. Push the pistons back with a piston tool or C-clamp, watching the reservoir. Slide the pads and shims out.
6. **Clean, lubricate, and fit the new pads - Wire-brush the carrier pad slides and grease the** contact points with high-temp brake grease - keep it off friction faces. Fit the pads and wear sensor in routing. Refit the caliper and torque the guide bolts.
7. **Reinstall the wheels and set the car down - Refit both front wheels and hand-start every** wheel bolt to avoid cross-threading the hubs. Lower the Panamera onto level ground. Tighten the wheel bolts in a star pattern to the factory specification with a torque wrench.
8. **Bed the pads and verify the repair - Pump the pedal until firm - the first press sinks as** the pistons reseat. Bed pads with moderate stops from increasing speeds; avoid hard stops for the first 200 miles. Confirm the warning light is off, no pull or vibration.

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