2018-2025 Nissan Leaf - Brake Pad Replacement

2018-2025 Nissan Leaf | Advanced | 1-3 hours | $205 DIY

TOOLS

Floor jack, rated jack stands, and wheel chocks Lug wrench and calibrated torque wrench Brake piston compressor or suitable spreader Socket set, wire brush, brake cleaner, gloves, and eye protection 14mm Socket 17mm Socket

PARTS

Front or rear brake pad set for 2018-2025 Nissan Leaf; verify axle, brake package, and VIN fitment $180.00
Replacement pad hardware or wear sensor only if the kit requires it $25.00

STEPS

1. **Confirm axle, parts, and brake condition - FRONT axle. Single-piston floating caliper on** a vented rotor, pads on abutment clips - no electronic wear sensor. Regenerative braking does most of the stopping, so pads last long but can corrode from disuse - inspect pins and pad ears.
2. **Lift and secure the vehicle - Park level, chock the wheels. The Leaf’s parking brake acts** on the REAR axle - no service mode needed. Loosen wheel nuts, raise the front, support on stands. Remove the wheel; check the rotor face for rust ridges.
3. **Remove the caliper and old pads - Remove caliper bolts with a 14mm socket, holding pin** with a 17mm spanner; lift the caliper off and hang it - never strain the hose. Pull the pads and hardware. Inspect guide pins and boots, piston boot, and flex hose.
4. **Install pads and hardware - Clean bracket lands; fit new hardware with anti-squeal paste** where the pads contact the bracket. Press the piston back with a wind-back tool. Replace shims and clips even if they look serviceable. Open the reservoir cap; watch the fluid le...
5. **Torque, pump, and bed in - Reinstall caliper; torque caliper bolts to 35 N-m (verify in** service data). Refit wheel; torque wheel nuts to 120 N-m in a star pattern. Car OFF: pump the pedal until firm; check fluid level. Break pads in over 150-200 km.

TORQUE

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