2003-2009 Hummer H2 - Front Brake Pad Replacement

2003-2009 Hummer H2 | Moderate | 60-90 minutes | $114 DIY

TOOLS

Floor jack and heavy-duty jack stands
22mm socket for lug nuts Socket set (caliper bolts) Quad-piston caliper compressor or large C-clamp Caliper hanger or sturdy wire Wire brush and bore brush Brake cleaner spray Torque wrench Needle-nose pliers Safety glasses

PARTS

Front ceramic brake pad set $87.00
Brake cleaner spray $10.00
Copper anti-seize
Silicone brake grease $17.00
Brake retaining clips

STEPS

1. **Raise the H2 and remove the front wheel - Park on concrete, chock the rear wheels, and** break the front lug nuts loose with a 22mm socket. Raise the front under the frame rail onto jack stands; the H2 must never rest on the jack alone. Remove the wheel.
2. **Open the brake fluid reservoir - Open the reservoir cap on the driver-side firewall so** displaced fluid has somewhere to go. Siphon fluid if near MAX - compressing the pistons raises the level and can overflow. Lay a rag around it.
3. **Unbolt and hang the caliper - Remove the two guide-pin bolts, lift the caliper off the** rotor, and hang it from the coil spring with a hanger or sturdy wire - never dangle it by the hose. Check the guide pins and rubber boots for tears.
4. **Remove old pads and retaining clips - Slide the worn pads out and remove the old clips,** noting how they sit so the new ones go in the same way. Clean the bracket's pad slide surfaces with a wire brush and brake cleaner until bare metal shows.
5. **Compress the caliper pistons - Press the pistons squarely into their bores with a** quad-piston compressor or a large C-clamp and an old pad, slowly and evenly, so none cocks sideways and tears its seal. Watch the reservoir and stop if fluid threatens to overflow.
6. **Install new clips, grease, and pads - Fit the new retaining clips and grease the pad ears** with silicone brake grease. Slide the new pads in, friction material facing the rotor, wear-sensor tab positioned correctly - they should move freely in the clips.
7. **Reinstall the caliper and torque the bolts - Set the caliper over the pads and rotor,** reinstall the guide-pin bolts, and torque them to spec. Apply thread-locking compound to the caliper bracket bolts if they were removed. Double-check the caliper sits square and the pads are fully s...
8. **Reinstall the wheel and bed the pads - Reinstall the wheel, lower the H2, torque the lugs** in a star pattern. Pump the pedal until firm - it goes to the floor on the first pumps. Bed the pads with several moderate 30-mph stops before hard braking.

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