2011-2015 Lincoln MKX - Front Brake Pad and Rotor

2011-2015 Lincoln MKX | Moderate | 60-90 minutes per axle | $157 DIY

TOOLS

Lug socket Caliper bolt sockets C-clamp Floor jack Jack stands Wire brush Brake cleaner Torque wrench Penetrating oil

PARTS

Front brake pads and rotors (2011-2015 MKX / 2007-2014 Edge platform) $142.00
Brake parts cleaner $8.00
High-temp brake lubricant $7.00
Brake hardware clip kit

STEPS

1. **Lift the MKX and remove wheels - Park the MKX on level ground, set the parking brake, and** chock the rear wheels. Loosen the front lug nuts, raise the front with a floor jack, support it on stands, and remove the front wheels to expose the calipers.
2. **Remove caliper, pads, and rotor - Remove the caliper bolts, lift the caliper off the** bracket, hang it with wire. Pull the pads and rotor - MKX/Edge rotors often rust to the hub; use penetrating oil. Clean the hub face with a wire brush.
3. **Check the brake fluid and hoses - Inspect the brake fluid color in the reservoir; dark** fluid needs flushing on these CD3-platform vehicles. Flex the front brake hoses and check for cracking - the MKX's hoses age-harden and should be replaced if stiff or cracked.
4. **Service the caliper and bracket - Compress the caliper piston with a C-clamp while** monitoring the brake fluid reservoir. Clean the bracket slides, install new stainless hardware clips, and lubricate the pad ears and slide pins - these pins seize easily, so ensure they mo...
5. **Install the new rotor and pads - Install the new rotor onto the clean hub and secure it** with a lug nut. Fit the new pads into the clips with correct orientation. Refit the caliper over the assembly and torque the caliper bolts to specification.
6. **Reassemble and bed the brakes - Remount the wheels, torque the lug nuts to 100 ft-lbs in** a star pattern, and lower the MKX. Pump the brake pedal until firm. Perform the bedding procedure with moderate stops and verify smooth, quiet braking.
7. **Torque wheels and final check - Torque the lug nuts to 100 ft-lbs in a star pattern,** lower the MKX, and re-torque on the ground. Check the brake fluid level, then road-test with gentle stops first, then harder stops to bed the pads and rotors.

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