

2005-2007 Ford Escape | Moderate | 45-60 minutes

TOOLS

Floor jack and jack stands Lug wrench or breaker bar with socket Wrench set for caliper slide bolts C-clamp or brake caliper compression tool Wire brush Bungee cord or mechanic wire Torque wrench Brake cleaner spray

PARTS

Front ceramic brake pad set (application-specific for 2005-2007 Ford Escape)
Brake lubricant / caliper grease
Brake cleaner spray
Replacement abutment clips / hardware kit (if worn)

STEPS

- 1 Park the vehicle and loosen the lug nuts - Park the 2005-2007 Ford Escape on a flat, level surface and engage the parking brake. Place wheel chocks behind the rear wheels for safety. Use a breaker bar and the correct socket to break the front...**
- 2 Raise the front of the vehicle and remove the wheel - Position a floor jack under the front subframe or designated jack point and raise the Escape until the front tire clears the ground. Support the vehicle with a jack stand placed under the frame rail....**
- 3 Remove the caliper guide bolts - Locate the two caliper slide bolts on the back of the front brake caliper. Use a wrench or socket to remove both slide bolts while holding the guide pin with a second wrench if it spins. Set the bolt...**
- 4 Lift the caliper off and hang it safely - Carefully lift the brake caliper up and off the brake pads and rotor. Do not let the caliper hang by the flexible brake hose, as this can damage the hose. Hang the caliper from the coil spring or str...**
- 5 Remove the old brake pads from the bracket - Slide the old inner and outer brake pads out of the caliper bracket. Note the position of any shims, clips, or wear indicators for reference during reassembly. Inspect the pads for uneven wear, which...**
- 6 Inspect the rotor and clean the bracket - Inspect the brake rotor surface for deep grooves, scoring, or excessive rust. If the rotor is below minimum thickness or badly scored, replace it. Remove the stainless steel abutment clips from the c...**
- 7 Compress the caliper piston - Before installing new thicker pads, the caliper piston must be pushed back into its bore. Place one of the old pads against the piston and use a C-clamp or brake caliper tool to slowly compress the p...**
- 8 Install the new front brake pads - Apply brake lubricant to the back of the new pads where they contact the caliper and to the pad ears where they slide in the bracket. Do not get lubricant on the friction surface. Slide the new inner...**
- 9 Reinstall the caliper over the new pads - Lower the caliper back down over the new pads and rotor. Make sure the caliper seats squarely on the bracket and the pads are properly aligned. Reinstall the two caliper slide bolts and tighten them...**
- 10 Reinstall the wheel and lower the vehicle - Mount the wheel back onto the hub and thread the lug nuts on by hand in a star pattern. Lower the vehicle off the jack stand with the floor jack until the tire touches the ground. Torque the lug nuts...**
- 11 Pump the brake pedal and check fluid level - Before driving, pump the brake pedal several times until it feels firm. This seats the new pads against the rotor and restores pedal pressure. Check the brake fluid level in the master cylinder reser...**
- 12 Bed in the new brake pads with a test drive - Take the Escape for a careful test drive in a safe area. Perform several moderate stops from 30 to 40 mph to bed the new pads to the rotor surface. Avoid hard or panic stops for the first 200 miles....**