

1998-2001 Kia Sephia | Moderate | 45-75 minutes per axle

TOOLS

Floor jack and jack stands Lug wrench
Wheel chocks Socket set C-clamp or
brake piston tool Wire hook or bungee
Silicone brake grease Brake cleaner
Torque wrench Gloves and safety glasses

PARTS

Front brake pad set for 1998-2001 Kia
Sephia
Brake hardware clip kit

STEPS

- 1 Park, chock, and loosen the lug nuts - Park the second-generation Sephia on flat ground,** shift to Park, and apply the parking brake. Chock the rear wheels. Loosen the front lug nuts a quarter turn while the tires still carry the car's weight.
- 2 Raise the front onto jack stands - Lift the front with a floor jack and set it down onto** jack stands at solid jacking points. Rock the car to verify it is stable. Never crawl near the brakes with the car on the jack alone.
- 3 Remove the wheel - Remove the lug nuts and pull the wheel off the hub. If it sticks from** rust, thump the tire sidewall from behind. Slide the wheel under the car as a backup.
- 4 Unbolt the caliper and hang it - Take out the two caliper bolts and lift the caliper off** the pads. Suspend it from the strut with a wire hook so the brake hose carries no weight. A stressed hose can fail later without any visible damage.
- 5 Remove the old pads and hardware - Slide the worn pads out of the bracket and remove the** old anti-rattle clips. Note where the wear indicator sat. Confirm the new pads match the old ones in shape.
- 6 Push the piston back - Cover the piston with an old pad and compress it into the bore** with a C-clamp. Monitor the brake fluid reservoir under the hood as the level climbs. Remove excess fluid if the reservoir threatens to overflow.
- 7 Service the slide pins and clips - Clean the slide pins, inspect their boots, and** regrease them with silicone brake grease. Fit the new hardware clips into the bracket so the pads have a clean surface to slide on.
- 8 Install the new pads - Place the new pads into the clips with the friction material** facing the rotor. Verify the wear indicator is positioned correctly and the pads move freely.
- 9 Reassemble, lower, and torque - Reinstall the caliper and bolts, checking hose routing.** Mount the wheel, lower the car off the stands, and torque the lug nuts in a star pattern.
- 10 Pump the pedal and road-test - Pump the brake pedal until it firms up before driving** anywhere. Bed the pads with several moderate stops, then verify the brake fluid level and take a careful test drive.