

BRIX PERFORMANCE STREET-SPORT SERIES BRAKE PAD

INSTALLATION GUIDE

Important:

Read all instructions before installation. **Brake components are safety-critical.** If unsure, ask a qualified technician to perform the work.

a. Preparation

- i. Park the vehicle on a flat surface and engage the handbrake.
- ii. Loosen wheel nuts slightly before lifting the vehicle.
- iii. Lift and support the vehicle securely using jack stands.
- iv. **Do not** work on both sides of the same axle simultaneously. Use one side as reference for reassembly.
- v. Avoid pressing the brake pedal once the caliper or pads are removed.

b. Pad Removal

- i. Fixed Caliper
 1. Remove retaining pins, clips, or springs.
 2. Carefully push the pistons back into the caliper using a brake spreader or suitable tool.
 3. Slide the old pads out of the caliper.
- ii. Sliding or Floating Caliper:
 1. Remove guide bolts and lift the caliper from the bracket.
 2. Support the caliper so the brake hose is not strained.
 3. Remove the old pads and any shims.

⚠ CAUTION:

Brake fluid level may rise when pushing pistons back. Remove some from the reservoir to prevent overflow.

c. Cleaning & Inspection

- i. Clean all contact areas with an approved brake cleaner.
- ii. **Do not** use compressed air, brake dust can be harmful.
- iii. Replace worn or damaged parts.
- iv. Check caliper slide pins and rubber boots for smooth movement and damage.
- v. Apply a **thin layer** of high-temperature brake grease to pad backing plates and caliper guide points.
- vi. **Avoid** contact with grease, brake fluid, or oil on all friction surfaces.

d. Installing New Pads

- i. Insert new Street-Sport pads with the friction surface facing the disc.
- ii. Make sure pads move freely in their guides.
- iii. Refit clips, pins, and springs as removed.
- iv. Tighten all bolts to the manufacturer's torque specification.
- v. Reconnect wear sensors (if equipped).
- vi. Check and refill brake fluid to the "MAX" line.

e. Functional Test

- i. With the vehicle still lifted, **press the brake pedal several times** until firm pressure is achieved.
- ii. Spin the wheels to ensure pads are correctly seated and there is no excessive drag.
- iii. Refit the wheels securely, make sure all bolts are properly tightened before lowering the vehicle.
- iv. Tighten all wheel bolts or nuts to the manufacturer's torque specification.
- v. Perform several light stops to confirm brake feel before regular driving.
- vi. Continue to the Bedding-In Process (see *below* for **Bedding-In Procedure**).

Your **BRIX Performance Street-Sport pad** is now ready to deliver precision and control from city to circuit.

f. After Installation

- i. Recheck fluid level after first test drive.
- ii. Inspect brake pads and discs regularly; replace pads when friction compound thickness is **below 3 mm** or when the wear indicator activates.
- iii. Dispose of old brake pads responsibly according to local regulations.

BEDDING-IN PROCEDURE

To unlock full performance and even surface wear, follow this process:

- a. Perform **8–10 moderate stops** from **60 km/h down to 20 km/h**.
- b. Once the initial layer has formed, perform **3–4 stronger stops** from **100 km/h down to 50 km/h** with similar cooling intervals.
- c. Allow **30 seconds of cooling** between stops.
- d. Avoid coming to a full stop until the bedding process is complete.

Important:

This procedure is **essential with new rotors**. For the first 300–400 km, avoid harsh braking to allow pads to bed in properly.

The bedding-in process may take longer on used rotors due to the irregularity of the rotor surface.

Skipping this step may result in reduced braking performance, uneven wear, or brake judder.

By following it, you ensure your Street-Sport pads deliver the best performance they were engineered for.