2013-2016 Scion FR-S - Replace Brake Pads

2013-2016 Scion FR-S | Advanced | 2-3 hours | $82 DIY

TOOLS

10mm Socket 14mm Socket Socket Wrench
Jack Stands C-Clamp Torque Wrench
Flathead Screwdriver Rubber Mallet
Brake Cleaner Gloves 17mm Socket

PARTS

Front Brake Pads SU003-04678 $82.40
Rear Brake Pads SU003-04097 $67.01
Brake hardware kit

STEPS

1. **Identify the brake setup - The 2013-2016 FR-S has NO factory Brembos (2017+ 86** Performance Package or BRZ tS only). You have 2-piston floating calipers and 293mm vented front rotors. Torque: slide-pin bolts 19 ft-lbs, bracket bolts 59 ft-lbs.
2. **Remove the wheel - Remove the front wheel. You'll see the 2-piston floating caliper - NOT** Brembos, unless a previous owner fitted a big-brake kit. Note the mechanical squeal tab on the pads - there is no electronic sensor wire.
3. **Remove the caliper - Remove the caliper slide-pin bolts (14mm; 19 ft-lbs on reinstall)** and slide the caliper off - support it with wire, never the hose. For rotors, remove the bracket bolts (17mm; 59 ft-lbs) and slide the rotor off.
4. **Remove old pads and hardware - Remove the old pads and inspect for uneven wear, cracking,** or glazing (signs of track use). Street: a pad like EBC Redstuff; track: a track-oriented compound like Hawk DTC-60. Inspect the 293mm rotor for scoring and clean the bracket.
5. **Compress the piston - Push the two 40mm pistons back evenly with a piston tool or** C-clamp. Open the reservoir cap first. The steel pistons should retract smoothly - if one is seized, the caliper needs rebuilding or replacement. Clean the boots.
6. **Clean and install hardware - Clean the bracket and install the new hardware. Slide the** new pads in, ensuring they move freely. Position the mechanical squeal tab correctly (usually on the inner pad). No electronic sensor to wire.
7. **Install new pads and caliper - Slide the caliper back over the new pads and reinstall the** slide-pin bolts (14mm; 19 ft-lbs). If you removed the bracket, reinstall it (17mm; 59 ft-lbs). Check the brake hose isn't twisted, then pump the pedal to seat the pads.
8. **Refit wheel and pump the pedal - Reinstall the wheel, torque lugs to spec, and lower the** FR-S. Bed the pads per the manufacturer's procedure - CRITICAL: 5-6 moderate stops from 60 mph with cool-down, then 2-3 hard stops. Test drive for sharp, firm-pedal stopping.

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