

2013-2018 Toyota RAV4 | Easy | 2-3 hours

TOOLS

Floor jack Jack stands (2) Wheel chocks 21mm deep socket 14mm socket 17mm socket (bracket, if removing rotor) Torque wrench Ratchet and breaker bar Brake caliper piston compressor tool or C-clamp Wire brush Brake parts cleaner Silicone brake lubricant Wire hook or bungee cord (caliper hanger) Gloves Safety glasses

PARTS

Front Disc Brake Pad Kit (OEM 04465-42200; LE trims often use 04465-AZ314, confirm pad shape)
04465-42200 \$72.70
Brake Parts Cleaner
Brake Caliper Slide Pin Lubricant

STEPS

- 1 Prep and loosen the lug nuts - Park on level ground, set the parking brake, and chock the rear wheels.**
While the RAV4 is still on the ground, crack each front lug nut loose with a...
- 2 Check the brake fluid reservoir - Open the hood and check the brake fluid reservoir.** If it is full to the brim, draw a little fluid out with a turkey baster so the returning piston do...
- 3 Lift the front and remove the wheel - Jack up the front of the RAV4 at the factory jack point and place**
jack stands under the reinforced pinch-weld areas. Remove the five 21mm lug nuts an...
- 4 Unbolt the caliper (14mm) - Remove the two 14mm caliper slide bolts. Lift the caliper off the bracket and**
hang it from the strut spring with a wire hook or bungee cord. Do not l...
- 5 Remove the old pads and hardware - Slide the old pads out of the bracket. Note the position of the wear**
indicator (on the inner pad) and pull out the anti-squeal shims and the pad supp...
- 6 Compress the caliper piston - Place one of the old pads against the piston and use a caliper compressor**
tool or C-clamp to push the piston straight back into the bore. Go slowly s...
- 7 Clean the bracket and service the slide pins - Scrub the bracket pad tracks with a wire brush and spray**
everything with brake parts cleaner. Pull each slide pin, wipe it clean, and re-coat it with...
- 8 Install the new pads and hardware - Fit the new pad support clips, then the new pads with their shims,**
wear indicator on the inner pad facing up as the old one was. Apply a thin film of...
- 9 Reinstall the caliper and torque to 25 ft-lb - Swing the caliper back over the pads and install the two**
14mm slide bolts. Torque them to 25 ft-lb.
- 10 Refit the wheel and torque lug nuts to 76 ft-lb - Mount the wheel, start all five lug nuts by hand, and**
lower the RAV4 to the ground. Torque the 21mm lug nuts to 76 ft-lb in a star pattern. Repeat on...
- 11 Pump the pedal before driving - With the engine off, press the brake pedal repeatedly until it goes firm.**
Check the reservoir level and top off with the correct DOT fluid if needed....
- 12 Bed in the new pads - Bed the pads in: make 8 to 10 moderate stops from about 35 mph, allowing the brakes**
to cool between stops. Avoid hard stops for the first 200 miles.

TORQUE