

2017-2022 Kia Sportage | Advanced | 2-3 hours | \$470 DIY

TOOLS

10mm Socket 17mm Socket 21mm Socket
Socket Wrench Torque Wrench Jack and
Jack Stands Spring Compressor Flathead
Screwdriver Rubber Mallet Pry Bar

PARTS

Front Strut Assembly KIA-54600-2P000
\$150.00
Rear Strut Assembly KIA-54610-2P000 \$140.00
Strut Mounting Kit KIA-54620-2P000 \$50.00
Strut Bearing KIA-54630-2P000 \$30.00

STEPS

- 1 Loosen lugs and support the vehicle - On the 2017-2022 Kia Sportage: on level ground,** crack the front wheel lug nuts loose while the tire is on the ground. Chock the rear wheels, jack the front at the approved lift point, and support with jack stands rated for the vehicle. Rem...
- 2 Support the knuckle and disconnect links - On the 2017-2022 Kia Sportage: place a jack or** stand under the lower control arm/knuckle to support it. Disconnect the sway-bar end link and any ABS/brake-hose brackets attached to the strut. Do not let the brake hose or ABS wire stretch.
- 3 Separate the strut from the knuckle - On the 2017-2022 Kia Sportage: remove the** strut-to-knuckle pinch bolt(s) or bolts. If stuck, apply penetrant and carefully tap the knuckle ears - do not hammer the threads. Lower the knuckle slightly to free the strut tube. Note orientat...
- 4 Unbolt the upper mount and remove the strut - On the 2017-2022 Kia Sportage: open the** hood and remove the upper strut-mount nuts (usually three). Support the strut so it cannot fall. Lower and remove the complete strut assembly from the wheel well. Compare the new unit to the old one...
- 5 Install the new strut assembly - On the 2017-2022 Kia Sportage: guide the new strut (or** cartridge/spring assembly if rebuilt) into place. Start the upper mount nuts loosely, then seat the strut into the knuckle. Install knuckle bolts in the original orientation and tighte...
- 6 Torque upper nuts, reinstall wheel, and align - On the 2017-2022 Kia Sportage: torque the** upper mount nuts to spec. Reinstall the wheel and torque lugs in a star pattern with the vehicle on the ground. Bounce-test and road-test for noise. Get a professional alignment - strut work chan...