2007-2012 Nissan Sentra - Rear Shock Absorber

2007-2012 Nissan Sentra | Moderate | 1-2 hours | $90 DIY

TOOLS

Floor Jack Jack Stands 14mm Wrench
16mm Wrench 18mm Socket Torque Wrench
Ratchet Socket Extension Flathead
Screwdriver Rubber Mallet

PARTS

Rear Shock Absorber FCS 342489 $50.00
Shock Absorber Mounting Kit $20.00
Shock Absorber Bushing $10.00
Shock Absorber Washer $5.00
Shock Absorber Nut $5.00

STEPS

1. **Identify the rear shock setup - The 2007-2012 Nissan Sentra (B16) has separate rear shock** absorbers (not struts) - twin-tube units with eyelet mounts top and bottom. KYB 341659: 12.99" compressed, 18.03" extended. These are small passenger-car shocks - much lighter...
2. **Remove the lower shock mount - Safely raise the rear of the Sentra and support it with** jack stands. Remove the rear wheels. Spray it with penetrant - the B16 is old enough for corrosion. Note: the upper mount is NOT underneath - it's in the trunk (next step).
3. **Remove the upper mount (from inside trunk!) - The Sentra's upper shock mount is accessed** from INSIDE the trunk. Open the trunk. Pull back the trunk side trim/carpet on the side you're working on - the upper shock mounting nuts are under the trim, on the rear deck/wheel well area. Re...
4. **Compare the new shocks and transfer hardware - Compare the new shock (KYB 341659 or** equivalent) to the old one: check the compressed/extended lengths (12.99"/18.03"), the eyelet mounts (lower E2 12.4x41, upper E2 10.2x75), and the overall design. They should match. Transfer any hardwar...
5. **Install the new shock and torque mounts - Position the new shock: insert the top through** the trunk access hole first, then align the lower eyelet. Install the upper mounting nuts from inside the trunk - hand-tighten, then torque (verify the spec - the 22 ft-lbs figure is parti...
6. **Reinstall trim, wheel, and settle suspension - Reinstall the trunk trim/carpet over the** upper mount. Reinstall the wheels. Lower the Sentra. Bounce the rear to settle the suspension. Check that the upper nuts are accessible (in case you need to re-torque) - the trunk trim covers them...

TORQUE

Upper shock mount nuts 60 Nm 44 ft-lbs
Lower shock bolt 95 Nm 70 ft-lbs

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