2008-2013 BMW 328i - Battery Replacement

2008-2013 BMW 328i | Moderate | 30-45 minutes | $147 DIY

TOOLS

10mm wrench or socket 13mm socket ratchet and extension flat-head screwdriver battery terminal brush battery corrosion inhibitor spray battery carrier strap safety glasses work gloves

PARTS

Correct group-size battery $140.00
Terminal cleaner $8.00
Terminal protectant $7.00

STEPS

1. **Find the battery behind the right-side trunk trim - Engine off, trunk open. Note the vent** hose on the battery's side and the IBS sensor on the negative cable first.
2. **Disconnect the negative cable first - Loosen the 10mm nut on the negative terminal and** lift the cable straight off the post, taking care not to bend the Intelligent Battery Sensor clamped to the cable end.
3. **Disconnect the positive cable - Flip open the red cover over the positive (+) terminal;** loosen its 10mm nut and lift the cable off. Keep it clear of metal and the negative post. If the cable end is crusty with white or green corrosion, scrub it clean before reconnecting.
4. **Remove the vent hose and hold-down - Pull the vent hose off the battery's vent elbow -** the E90's trunk battery must vent hydrogen outside the car, and the hose has to go back onto the new battery. Remove the 13mm bolt from the wedge hold-down at the battery's base and...
5. **Swap the batteries - The battery is heavy, so lift with your legs - a carrier strap** helps. Lift the old battery straight up and out of the recess.
6. **Secure and reconnect - Reinstall the hold-down wedge and tighten its 13mm bolt so the** battery cannot shift. Push the vent hose firmly onto the new battery's vent elbow. Clean both cable ends and the new posts with a battery-terminal brush until the metal shine...
7. **Start up and finish - Start the engine and check for normal cranking and no new warning** lights. Reset the clock and radio presets per the owner's manual. Remember the under-hood jump-start post with the red cap by the passenger-side firewall for future jump-s...

TORQUE

Battery hold-down 11 Nm 8 ft-lbs

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