2015-2020 Acura TLX - Battery Replacement

2015-2020 Acura TLX | Easy | 1 hour | $168 DIY

TOOLS

10mm Socket Flathead Screwdriver Jack Stands Socket Wrench Torque Wrench

PARTS

12V AGM Battery $150.00
Battery Terminal Cleaner $10.00
Battery Terminal Protector Spray $8.00

STEPS

1. **Prepare the vehicle - The 2015-2020 Acura TLX has its battery in the ENGINE BAY on the** driver side. You'll need: Group 24F AGM battery (idle-stop equipped - check your original), 10mm socket. No registration needed. Note: the TLX has a battery current senso...
2. **Disconnect negative first - Open the hood and locate the battery. Always disconnect the** NEGATIVE terminal first. Use a 10mm wrench to loosen the clamp. Be gentle - don't yank the cable or damage the sensor. The sensor is critical for the idle-stop system; damaging...
3. **Remove the hold-down - Remove the battery hold-down. The TLX uses the Honda/Acura J-hook** + top bar design. Apply penetrating oil if seized. Remove the top bar. Keep all hardware. Note the battery orientation. Verify your original is AGM (it should be for idle-st...
4. **Lift out the old battery - The Group 24F AGM is heavier than flooded. Note the** orientation. Place on a flat surface. Verify your replacement: Group 24F AGM. Do not install a flooded battery - the TLX's idle-stop system requires AGM. The charging profile is calibra...
5. **Clean the tray and terminals - Clean the battery tray. Remove corrosion and debris. Clean** the terminals with a wire brush. Inspect the battery current sensor on the negative cable - ensure it's clean and undamaged. Check the J-hooks and top bar. The tray should be dry...
6. **Install the new battery - Place the new Group 24F AGM battery in the tray, matching the** original orientation. Reinstall the top bar and J-hooks. Tighten snugly. Ensure the battery current sensor will align properly with the negative post. Double-check terminal posi...
7. **Reconnect positive first - Reconnect the POSITIVE terminal first (red, plus), tighten the** 10mm clamp. Then reconnect the negative with the current sensor - ensure it seats properly. Apply dielectric grease. No registration needed. The sensor will automatically rec...
8. **Verify and complete - Close the hood. Start the vehicle. Verify all systems. The** idle-stop may not work immediately - it needs a drive cycle to recalibrate to the new battery. Check for warning lights. If idle-stop doesn't engage after several days, have the...

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