



Used-EV Recon: The Non-Negotiables

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A dealer checklist for building battery confidence, trust, and profit
EV recon isn't about checking more boxes.

It's about removing uncertainty around the few things that matter most.

📌 1. Battery Health & Performance (Required)

- Battery State of Health (SOH) documented
- Battery diagnostic scan completed (OEM or approved third-party)
- Thermal management system checked (cooling pumps, lines, fans)
- No active high-voltage fault codes present
- Battery performance explained in plain language (not jargon)

Customer-facing output:

Battery Health Summary or screenshot with SOH %, test date, and explanation.

⚡ 2. Charging Capability & Hardware (Required)

- Onboard charger kW rating verified
- DC fast-charging capability confirmed (if applicable)
- Charging port inspected (pins, latch, no heat damage)
- Level 1 / Level 2 charging cables included and tested
- Successful charging session photo captured

Customer-facing output:

Charging photo + simple note: "Charges 20–80% in ~XX minutes on fast charger."

🧠 3. Software & Systems Validation (Required)

- OEM software/firmware up to date
- All open recalls or TSBs resolved
- Infotainment, telematics, and EV apps verified functional
- Driver-assist features confirmed (if equipped)

Customer-facing output:

Screenshot or photo showing current software version / system status.

🔍 4. EV-Specific Wear Items (Required)

- Tire tread depth recorded (inside / center / outside)
- Uneven wear noted and explained (regen-related wear patterns)
- Brake condition checked (pads, rotors, corrosion from low use)
- Suspension and alignment visually inspected

Customer-facing output:

Short explanation: "Regenerative braking reduces pad wear; rotors inspected for surface corrosion."

🔧 5. 12-Volt System Check (Required)

- 12-volt battery tested and dated
- Voltage and health confirmed
- Replacement noted if performed

Customer-facing output:

Test result or service note — this eliminates a major EV objection.

📄 6. Warranty & Coverage Clarity (Required)

- HV battery warranty status confirmed (time & mileage remaining)
- Power electronics coverage verified
- Transferability confirmed (if applicable)
- Dealer EV-specific warranty options noted (if offered)

Customer-facing output:

Plain-English warranty summary (no legal language).

📷 7. Proof & Documentation (Required)

- Battery report uploaded
- Charging session photo uploaded
- Cable inventory photo uploaded
- Software status screenshot uploaded
- Recon checklist stored with VIN

Rule:

If the customer can't see it, it didn't happen.

✅ Recon Completion Standard

This EV is recon-complete only when:

Battery confidence is documented

Charging is proven

Software is current

Wear items are explained

Warranty clarity is visible

EV recon is not finished when the tech is done.

It's finished when the customer understands and trusts the outcome.