

LEXUS RX500H 2.4L -2025YM

Powertrain & Performance:

- **Engine:** 2.4-litre turbocharged in-line 4-cylinder (T24A-FTS) gasoline engine.
- **Hybrid System:** Gasoline engine + electric motor(s) + hybrid battery (NiMH battery, 288 V, 240 cells)
- **Total Combined Output:** \approx 366 hp (\approx 273 kW)
- **Combined Torque:** \sim 550.8 Nm (per spec sheet)
- **Transmission:** 6-speed automatic (in F SPORT / RX 500h), hybrid power distribution to front & rear axles (DIRECT4 AWD)
- **Acceleration (0–100 km/h):** \sim 5.9 seconds (for F SPORT / performance-oriented setup)
- **Fuel economy (estimated US spec, city / highway)** \sim 27 mpg city / 30 mpg highway
 - **Note:** Real-world fuel economy may vary depending on driving conditions, load, usage of hybrid system.
- **Suspension & Running Gear:**
 - **Front:** MacPherson strut type
 - **Rear:** Multi-link type (coil springs, gas-filled shock absorbers, stabilizer bar)

Interior, Comfort & Tech Features:

Standard / available features on RX 500h (especially F SPORT / higher trim) include:

- 14-inch widescreen infotainment touch display (with navigation, multimedia)
- Smartphone integration: Apple CarPlay and Android Auto support
- Premium audio (on higher trims / F SPORT): 21-speaker Mark Levinson surround sound system
- Multi-zone automatic climate control with “Climate Concierge” and air-filtration (pollen/odor filter + fresh-air auto-switching)
- Ambient lighting, wireless charger, multiple USB-C / USB-A ports, power-adjustable & ventilated/heated seats (front & outboard rear in some trims)
- Interior materials: high-quality appointed trim, specialized leather (on F SPORT / performance trims), aluminum pedals/footrest, scuff plates etc.

Safety & Driver-Assistance / Safety Features

The RX 500h is equipped with a wide suite of active and passive safety/driver-assist features; here’s what’s included (or optionally available) in many markets:

- **Lexus Safety System+ —** includes Pre-Collision System, Dynamic Radar Cruise Control, Lane Tracing Assist (LTA), Lane Departure Alert (with LKA/LDA), Lane Change Assist (LCA), Road Sign Assist (RSA), Speed Limiter, Automatic High Beam / Adaptive High-beam System (AHB / AHS), Emergency Driving Stop System, Proactive Driving Assist (PDA), Driver Monitor.
- Blind Spot Monitor, Safe Exit Assist (SEA) with door-opening control.
- Parking Support Brake (PKSB), ABS with EBD, Brake Assist, Traction Control (TRC), Vehicle Stability Control (VSC)
- Multiple airbags (front, SRS side, etc.), ISOFIX & top-tether anchors for child seats on outboard rear seats.
- Additional convenience: automatic anti-glare mirror, digital rear-view mirror, head-up display (on some trims), multi-information display, wireless charging, power liftgate, power folding rear seats

