



2013 ES 300h Product Information

EXTERIOR DIMENSIONS	
Wheelbase	111.0 in.
Overall Length	192.7 in.
Overall Width	71.7 in.
Overall Height	57.1 in.
Tread Width - Front	62.6 in.
- Rear	62.0 in.

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom - Front	37.5 in.
- Rear	37.5 in.
Legroom - Front	41.9 in.
- Rear	40.0 in.
Shoulder Room - Front	57.6 in.
- Rear	55.0 in.
Hip Room - Front	54.8 in.
- Rear	53.8 in.
EPA Passenger Volume	100.1 cu. ft.
EPA Cargo Volume	12.1 cu. ft.

WEIGHTS AND CAPACITIES	
Curb Weight	3660 lbs.
GVWR	4,740 lbs.
Weight Distribution – Percent Front/Rear	59/41
Fuel Capacity	17.2 gal.



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ENGINE	
Type, Materials	In-line 4-cylinder aluminum block and cylinder heads
Designation	2AR-FXE
Valvetrain	DOHC 16-valve with Variable Valve Timing (intake) with intelligence (VVT-i)
Displacement	2.5 liter
Bore x Stroke	3.54 x 3.86 in.
Compression Ratio	12.5:1
Horsepower (SAE)	156 hp @ 5,700 rpm (engine alone)
Torque	156 lb.-ft @ 4,500 rpm (engine alone)
Total System Horsepower	200 hp
Fuel System	Electronically controlled sequential fuel injection (SFI)
Fuel Requirement	Regular 87 octane unleaded
Emission Certification	SULEV

DRIVETRAIN	
Layout	Front engine, front-wheel drive
Transmission Type	Electronically Controlled Continuously Variable Transmission
Designation	P314
Final Drive Ratio	3.542



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CHASSIS AND BODY		
Body/Frame		Unitized steel body/frame structure
Suspension	- Front	MacPherson strut-type independent suspension
	- Rear	Dual-link MacPherson strut-type independent suspension
Steering	- Type	Electric rack and pinion
	- Overall Ratio	14.8:1
	- Turns (lock to lock)	2.9
	- Turning Radius	18.7 ft.
Brakes	- Type	Four-wheel power-assisted disc brakes with ABS, Electronic Brakeforce Distribution (EBD), Brake Assist (BA), Traction Control (TRAC) and Vehicle Stability Control (VSC)
	- Front	11.6 in. ventilated disc
	- Rear	11.0 in. solid disc
Anti-lock Braking System		4 channel, 4 sensor
Wheel Size/Type		17 x 7 JJ v-spoke aluminum alloy
Tire Size/Type		215/55R17 all-season tire
Spare Tire/Wheel		Temporary spare tire
Tire Brands		Michelin and Bridgestone

PERFORMANCE	
0-60 mph Acceleration (mfr. estimate)	8.1 sec
0-1/4 Mile Acceleration (mfr. estimate)	16.8 sec
Top Track Speed (mfr. estimate)	112 mph (electronically limited)
EPA Estimated Fuel Economy* (City/Hwy/Combined)	40/39/40
Coefficient of Drag (Cd)	0.27

*2013 EPA MPG estimate. Actual mileage will vary.

STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- Unique 17-inch alloy wheels with V-spoke design
- Crisp, high-shouldered cut-line along flanks
- Distinctive wrap-around LED taillamps
- Hidden exhaust
- L-finesse inspired long, sleek cabin look
- Spindle grille design with incorporated Lexus logo
- Integrated foglamps
- Halogen headlamps (w/LED DRLs)
- Shark fin antenna
- Side mirrors with integrated turn signals
- Lip spoiler
- Blue hybrid badging

Body Structure and Paint

- Anti-chip paint on lower body panels
- Exterior colors (9): Matador Red Mica, Starfire Pearl, Silver Lining Metallic, Nebula Gray Pearl, Obsidian, Satin Cashmere Metallic, Fire Agate, Deep Sea Mica, Cerulean Blue Metallic
- PVC sealer and undercoating
- Use of sound dampening paint type and asphalt sheets in floor pan

Convenience Features

- Washer linked intermittent wipers with timer
- Heavy duty rear window defogger with timer
- Moonroof (with tilt and slide)

STANDARD INTERIOR FEATURES**Interior Trim**

- Assist grips (4): two front and two rear
- Contrast stitching on Instrument Panel
- Leather interior available in Parchment, Light Gray, or Black
- Metallic and leather-trimmed shift knob
- Three-spoke steering wheel with audio and display controls
- Rear coat hooks (2)
- Piano black trim for instrument panel, doors and upper console (wood trim is optional with PM package)

Seats

- 10-way power adjustable front seats (power fore/aft slide, recline, front and rear vertical cushion height and lumbar)
- Front seatback pockets
- Height adjustable front shoulder belt anchors

Instrumentation and Controls

- Drive mode select with Eco/Normal and Sport modes
- EV mode
- Automatic climate control display: fan speed and air flow indicators
- Battery, oil level, seat belt, brake, airbag SRS, side airbag SRS, engine, oil pressure, low fuel, tire pressure and tire slippage (with TRAC) warning lights
- Cruise control indicator lamps
- Eco Drive indicator
- Headlights-on indicator in instrument panel
- LCD-type electronic digital twin trip meters and odometer display
- Optitron® gauges
- Scheduled maintenance indicator light
- VSC cutoff switch

Comfort/Convenience Features

- Analog clock
- Electrochromic auto-dimming interior mirror
- First aid kit
- Glow-in-the-dark emergency interior trunk release handle
- Heated external mirrors with memory
- HomeLink® programmable garage door opener
- Illuminated entry system: front and rear seating areas, engine start button, driver and front passenger foot-well areas and exterior mirror puddle lamp areas
- Illuminated gas and trunk release buttons
- LED license plate illumination and interior illumination

STANDARD INTERIOR FEATURES – CONT.

- Lexus Personalized Settings (LPS) to allow certain electronic settings to be tailored to owner preference (programmable by Lexus dealers)
- Three-spoke steering wheel and outside mirrors
- 3.5-inch color TFT Multi-Information Display
- Personal lamps (2)
- Puddle lamp illumination (from bottom of exterior side-view mirrors)
- SmartAccess door unlock settings (unlock driver's door only or unlock all four doors): settings can be changed by simultaneously pressing the unlock and lock buttons on the key fob for six seconds
- SmartAccess with push-button start/stop
- Tool kit

Multi-Information Display

- Driving Information: outside temperature, driving range, average fuel consumption, average fuel consumption since refueling (per tank), current fuel consumption and average speed
- Dynamic Radar Cruise Information (if equipped): shows car icon with the selected following distance
- Intuitive Parking Assist Information (if equipped): shows car icon with the location and distance of the detected object
- Lane Departure alert Information (if equipped): shows car icon with two lanes. If lane departure is detected (without a signal) the lane marking flashes to alert the driver.
- Vehicle Diagnosis Information: displays trouble codes for systems such as VSC, TRAC, etc.
- Warning Information: key is not detected (if key is not inside the vehicle), steering lock is not unlocked, brake pedal must be depressed to start engine, low battery in key, door/trunk is open, low oil pressure, low washer fluid, Park Assist exterior sensors require cleaning (if equipped), check dynamic radar cruise control (if equipped), Pre-Collision System (PCS) (if equipped) currently is not available/off-line, oil maintenance required soon

STANDARD AUDIO SYSTEM**Base Audio**

- AM/FM/six-CD changer with MP3/WMA capability
- Automatic Sound Levelizer (ASL)
- Aux and USB/iPod® audio input plugs
- Digital Sound Processor (DSP)
- Eight speakers
- Integrated SiriusXM Satellite Radio receiver (complimentary 90-day trial subscription)
- Remote controller

STANDARD SAFETY AND SECURITY**Safety**

- ALR/ELR seatbelt function for all seating positions except driver (driver's only equipped with ELR)
- Child Restraint System (CRS) top tether anchor brackets
- Child restraint seat lower anchor location Indicator Buttons
- Collapsible steering column
- Daytime Running Lights (DRL)
- Direct Tire Pressure Monitor System
- Driver and front passenger knee Supplemental Restraint System (SRS) airbags
- Driver and front passenger dual-stage front airbag SRS
- Energy-absorbing soft upper headliner and pillars
- Front and rear door side-impact beams
- Front and rear energy-managing crumple zones
- Front and rear side curtain airbags SRS
- Front and rear seat-mounted side airbag SRS
- Front ventilated and rear solid disc brakes with tandem brake booster and four-sensor, four-channel Anti-lock Braking System (ABS), Brake Assist (BA) and Electronic Brakeforce Distribution (EBD)
- Height adjustable front shoulder belt anchors
- Impact-absorbing door and body construction
- Occupant Classification system for front passenger seat
- Three-point seat belts for all seating positions, front and rear outboard with force limiting pretensioners
- Traction Control (TRAC)
- Twin-chamber front passenger SRS airbag
- Vehicle Stability Control (VSC)

Security

- Entry system with lock, two-stage unlock, trunk open and "panic" features, volume adjustable confirmation tone and rolling code technology
- Headlight-off delay feature (after locking vehicle, headlights remain illuminated for approximately 30 seconds before automatically shutting off)
- Remote-activated, SmartAccess-linked illuminated entry (dome-light ring illuminates when doors are unlocked, remains illuminated for 15 seconds or until door is opened)
- Safety Connect[®] with Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button, and Enhanced Roadside Assistance (complimentary one-year subscription included)
- Vehicle theft-deterrent system with engine immobilizer

FACTORY OPTIONS

- Blind Spot Monitor with Rear Cross Traffic Alert
- Heated seats (for NuLuxe)
- Heated wood and leather steering wheel
- HID headlamps
- Lane Departure Alert with Auto High Beams
- Manual door sunshades and ambient lighting
- One-touch power trunk
- Park Assist
- Power rear sunshade
- Rain sensing wipers with de-icer
- Lexus Pre-Collision System (PCS) and Dynamic Radar Cruise Control Package
 - Dynamic Radar Cruise Control
 - Pre-Collision System
 - Lexus grille emblem with millimeter-wave radar
- Navigation Package
 - Advanced voice command casual-language voice recognition system
 - Backup monitor
 - Bluetooth® hands free phone and automatic phonebook download capabilities
 - Bluetooth® streaming audio
 - HD Radio™ with iTunes tagging
 - HDD Navigation (Generation 7 system)
 - Lexus Enform 2.0® with Safety Connect®: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), enhanced roadside assistance, Destination Assist, eDestination and Enform App Suite (one-year trial subscription included)
 - Lexus Insider™
 - Remote Touch navigation controller
 - SiriusXM NavTraffic, NavWeather, Sports, Stocks and Gas Prices (one-year trial subscription included)
- Navigation System/Mark Levinson® Audio Package
 - 835 watts Mark Levinson Premium Surround Sound Audio with DVD-audio/video, 15 speakers and 5.1-channel surround with 7.1 architecture
 - Advanced voice command casual-language voice recognition system
 - Backup monitor
 - Bluetooth® hands free phone and automatic phonebook download capabilities
 - Bluetooth® streaming audio
 - HD Radio™ with iTunes tagging
 - HDD Navigation (Generation 7 system)
 - Lexus Enform 2.0® with Safety Connect®: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), enhanced roadside assistance, Destination Assist, eDestination and Enform App Suite (one-year trial subscription included)
 - Lexus Insider™
 - Remote Touch navigation controller
 - SiriusXM NavTraffic, NavWeather, Sports, Stocks and Gas Prices (one-year trial subscription included)

FACTORY OPTIONS

- Display Audio
 - Seven-inch screen
 - Backup monitor
 - Bluetooth® hands free phone and automatic phonebook download capabilities
 - Bluetooth® streaming audio
 - CD player
 - HD Radio™ with iTunes tagging
 - Remote Touch Interface
 - SDARS radio
- Premium Package
 - Genuine bamboo wood trim
 - Leather-trimmed and wood steering wheel and shift knob
 - NuLuxe seats
 - Memory for driver's seat (steering, seat position and outside mirror)
 - Power tilt and telescopic steering wheel and shift knob
 - Requires Display Audio or Navigation
- Luxury Package
 - Premium Package contents
 - Climate control seats
 - HID headlamp (required)
 - Leather trimmed interior
 - Park Assist (required)
 - Power rear sunshade
 - Requires Display Audio or Navigation
- Ultra Luxury Package
 - Luxury Package contents
 - Ambient lighting
 - Driver's seat cushion extender
 - Heated wood steering wheel (required)
 - Manual door sunshades
 - One touch power trunk
 - Passenger seat memory
 - Rain sensing wipers with de-icer
 - Requires Navigation or Navigation with Mark Levinson