



Note: Items in **bold** are new for 2012

EXTERIOR DIMENSIONS	
Wheelbase	102.4 in.
Overall Length	170.1 in.
Overall Width (without mirror)	69.5 in.
Overall Height (unloaded)	56.7 in.
Tread Width - Front	60.0 in.
- Rear	59.8 in.
Ground Clearance	5.7 in.

INTERIOR DIMENSIONS	
Seating Capacity	5
Headroom - Front with moonroof	38.9 in.
- Front without moonroof	38.3 in.
- Rear	37.0 in.
Legroom - Front	42.1 in.
- Rear	32.8 in.
Shoulder Room - Front	54.0 in.
- Rear	52.6 in.
Hip Room - Front	53.1 in.
- Rear	51.8 in.
EPA Passenger Volume	86.1 cu. ft.
EPA Cargo Volume	14.3 cu. ft.

WEIGHTS AND CAPACITIES	
Curb Weight	3,206 lbs.
GVWR	4,065 lbs.
Fuel Capacity	11.9 gal.



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HYBRID POWER SYSTEM		
Type		Series/parallel system with gas engine, high-voltage battery and electric motors
Total System Power		134 hp
ENGINE		
Type, Materials		4-cylinder, aluminum block and heads
Designation		2ZR-FXE
Valvetrain		DOHC 16-valve with intake VVT-i
Displacement		1.8-liter
Bore x Stroke		3.17 in. x 3.48 in.
Compression Ratio		13.0:1
Horsepower (SAE)		98 @ 5,200 rpm (not including hybrid drive)
Torque		142 lb.-ft. @ 4,000 rpm (not including hybrid drive)
Maximum Engine Speed (redline)		4,000 rpm
Fuel System		Electronic Fuel Injection (EFI)
Fuel Requirement		Performance Numbers achieved with 87-octane Unleaded fuel
Tailpipe Emission Certification		SULEV (California); Tier 2 – Bin 3 (all other states)
Evaporative Emission Certification		SULEV
ELECTRIC MOTORS		
Motor Generator 1 (MG1)	- Function	Generator, engine starter, transmission ratio control
	- Type	Permanent magnet motor
	- Max. voltage	AC 650V
Motor Generator 2 (MG2)	- Function	Drives front wheels, regeneration during braking
	- Type	Permanent magnet motor
	- Max. voltage	AC 650V
	- Max. output	80 hp (60 kW)
HYBRID BATTERY PACK		
Type		Sealed Nickel Metal Hydride (Ni-MH)
Nominal Voltage		201.6V



2012 CT 200h Product Information

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DRIVETRAIN	
Layout	Front gas engine with hybrid transaxle and front electric drive motor
Transaxle/Transmission Type	Electronically Controlled continuously Variable Transmission (ECVT); planetary gear unit for gear reduction and power splitting, electronic front-wheel-drive control system
Designation	P410

CHASSIS AND BODY	
Body/Frame	Unitized steel
Suspension - Front	MacPherson strut
- Rear	Fully-independent double wishbone
Steering - Type	Electric Power Steering (EPS): Rack and pinion with electronic power assist
- Overall Ratio	14.6:1
- Turns (lock to lock)	2.7
- Turning Circle (wall to wall)	36.8 ft.
- Turning Circle (curb to curb)	34.2 ft.
Brake System	Electronically Controlled Brake (ECB2) system with regenerative control and incorporating Anti-lock Braking System (ABS)
Brake Rotors - Front - type/diameter	Ventilated disc/10.0 in.
- Rear - type/diameter	Disc/11.0 in.
Anti-Lock Braking System	4 channel, 4 sensor
Wheel Size/Type	17 x 7.0 inch. (standard)
Tire Size/Type	P215/45R17 All Season V-Rated (standard)
Spare Tire/Wheel	T125/70D17 temporary spare

PERFORMANCE	
0-60 mph Acceleration (mfg. results)	9.8 seconds
Top Track Speed	113 mph
EPA-Estimated Fuel Economy (City/Hwy/Combined MPG)*	43/40/42
Coefficient of Drag (Cd)	0.29

* 2012 EPA MPG estimate. Actual mileage will vary.

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STANDARD EXTERIOR FEATURES

Overall Exterior Styling/Body Design

- 17-inch x 7.0-inch aluminum wheels
- P215/45R17 V-rated all season tires
- Aluminum front hood and rear cargo door
- Integrated color-keyed lower front and rear spoilers
- LED brake and tail lights
- "Lexus Hybrid Drive" engine cover
- Rear wiper
- Side mirrors with integrated puddle lamps and turn signals
- Water-repellant front door glass

Body Structure and Paint

- Anti-chipping paint applied to rocker panels and wheel housing arch sections
- Exterior colors (7): Matador Red Mica, Tungsten Pearl, **Nebula Gray Pearl**, Obsidian, Starfire Pearl, Fire Agate Pearl, Daybreak Yellow Mica
- High level of rust protection with zinc-plated steel on roof, trunk lid, doors and front fenders
- Highly rigid body, monocoque construction
- Measures to limit noise, vibration and harshness (NVH) have been applied throughout the vehicle
- UV-reducing glass used for all windows

STANDARD INTERIOR FEATURES

Interior Trim

- Carpeted floor mats
- Coat hooks
- Driver and front passenger sun visors with illuminated vanity mirrors
- Ecological plastics used in certain parts of the interior and luggage area
- Leather-trimmed steering wheel
- NuLuxe-trimmed seats: Black, Ecru, or Caramel.

Seats and Cargo Area

- 10-way power driver's seat: fore-aft slide; fore-aft recline; front vertical height; rear vertical height and power lumbar support
- Five separate, manually adjustable (up/down) headrests
- Fold-flat rear seats
- Four-way manual front passenger's seat: fore-aft slide and fore-aft recline

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STANDARD INTERIOR FEATURES - CONT.

Instrumentation and Controls

- Drive modes - Normal, Eco, EV, Sport
- Eco Driving indicator light
- Organic white Light-Emitting Diode (OLED) multi-information display
- Scheduled maintenance indicator light
- Shift by wire transmission shifter located in center instrument panel

Comfort/Convenience Features

- 12-volt power outlet: center console
- Assist grips: two front, two rear
- Auto on/off headlamps
- Automatic dual-zone climate control
- Bluetooth® hands-free system with voice control of phone and easy download of address book from compatible phones (PBAP profile)
- Cargo light
- Center console with two front cupholders with 20-ounce water bottle capacity and storage bin
- Dust and pollen particle and deodorizing interior air filter
- First aid kit
- Heated outside mirrors
- Illuminated glove box
- Incandescent dome light and map lights
- Manual front seatbelt anchor height adjusters
- Power door locks with anti lock-out feature
- Power windows with one-touch auto up/down feature with jam protection for all windows
- **Powered Auxiliary Console with 12V outlet inside (models without Navigation)**
- SmartAccess key system with push-button start
- Steering wheel audio controls
- Tilt-and-telescopic steering column (manual)
- Variable intermittent windshield wipers

STANDARD AUDIO SYSTEM

Lexus Audio

- 6-speakers
- AM/FM/CD player and MP3/WMA capability
- Integrated SiriusXM Satellite Radio receiver (complimentary 90-day trial subscription included)
- MP3 and USB/iPod® audio input plugs with iPod connectivity
- Streaming audio via Bluetooth®

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STANDARD SAFETY AND SECURITY

Safety

- Automatic Locking Rear Retractor (ELR) seat belt function on all seating positions except driver (ELR only)
 - Force-limiting seatbelt pre-tensioners for the driver and front passenger's seats
- Daytime Running Lights (DRL) with off switch
- Direct-type tire pressure monitoring system
- Electronic Controlled Braking (ECB)
- Flashing seatbelt warning light for driver and front passenger
- Four-sensor, four-channel Anti-lock Braking System (ABS) with Brake Assist (BA)
- High tensile-strength sheet steel and aluminum components
- Side impact door beams
- Soft, impact-dissipating upper interior trim
- Supplemental Restraint System (SRS) for driver and front passenger:
 - Driver dual-stage airbag uses factors including crash severity and seat track position to choose possible deployment speed.
 - Front passenger dual-stage twin-chamber airbag uses crash severity sensors to choose deployment speed. Airbag is designed to not deploy for passengers under 68.3 lbs or when child seat is detected. (Advanced airbags in compliance with FMVSS208)
 - Driver and front passenger knee airbags (SRS)
 - Front and rear side-curtain airbags (SRS)
 - Front and rear seat-mounted side airbags (SRS)
- Traction Control (TRAC)
- Vehicle Stability Control (VSC)

Security

- Entry system with lock, two-stage unlock, and "panic" features, and rolling code technology
- Headlight off delay feature: after locking vehicle, headlights remain illuminated for a certain period of time before automatically shutting off
- Remote-activated/key-linked illuminated entry: dome light illuminates when doors are unlocked (remain 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 trial subscription included)
- Vehicle theft-deterrent system

STANDARD MECHANICAL FEATURES

- **Vehicle Proximity Notification System**

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PREMIUM MODEL

- Heated front seats
- Moonroof

FACTORY OPTIONS

- Auto-leveling LED low beam headlamps with headlamp washers
- Backup camera in electrochromic (auto-dimming) rearview mirror with compass
- Pre-Collision System and Dynamic Radar Cruise Control (Requires Premium Audio, Navigation and Leather Packages)
- Premium Audio Package
 - 6-disc in-dash premium audio with 10 speakers and Automatic Sound Levelizer (ASL)
 - Electrochromic (auto-dimming) rearview mirror with compass
 - Homelink[®]
- Leather Package (Requires Premium Audio Package)
 - Electrochromic (auto-dimming) outer mirrors with memory and auto-tilt down in reverse
 - Lexus Memory System to control power driver's seat (except lumbar) and outside mirrors
 - Perforated leather-trimmed seats
 - Rain-sensing variable intermittent windshield wipers with mist cycle
- Navigation Package (Requires Premium Audio Package less rearview mirror with compass)
 - Backup-camera
 - Bluetooth[®] hands free phone and phonebook download capabilities
 - HDD navigation system
 - Lexus Enform[®] with SafetyConnect[®]: Automatic Collision Notification, Stolen Vehicle Location, Emergency Assist Button (SOS), Enhanced Roadside Assistance, Destination Assist, and eDestination (complimentary one-year trial subscription)
 - Lexus Insider[™]
 - Remote Touch navigation controller
 - NavTraffic, NavWeather, Sports, and Stocks (90-day trial subscription included)
 - Voice command casual-language voice recognition system

Note: rearview mirror does not have compass when Navigation Package is selected



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FACTORY OPTIONS – CONT.

- **F Sport Package (Premium Model only)**
 - 17-inch wheels with high-gloss finish and F Sport wheel cap
 - Aluminum sport pedals
 - Black headliner
 - Black NuLuxe trimmed seats or perforated black leather-trimmed seats with white perforation holes
 - Exterior colors: Obsidian, Tungsten Pearl, Starfire Pearl, Nebula Gray Pearl, Matador Red Mica or Ultrasonic Blue
 - F Sport exterior badge
 - F Sport-tuned suspension
 - Front grille with mesh pattern
 - Larger rear spoiler
 - Leather-trimmed shift knob
 - Metallic front scuff plates
 - Metallic trim added to dash panel
 - Perforated leather-trimmed steering wheel with F Sport logo