

## LEXUS

# INTELLIGENCE SIX







INTELLIGENCE SIX CONCEPT

To the stunning beauty and dynamic performance of the LC, Lexus's performance flagship, the LC Convertible injects the unique sensations and exhilaration of open-air driving. The captivating convertible silhouette with its distinctive automated soft top gives fresh expression to the LC's 'Seduction & Technology' design concept, accentuating its unique identity. The seamless flow from the exterior into interior shapes an inviting and snug cockpit, its finely crafted comfort, detailing, and user-friendly technology including an EMV touch display for intuitive operation of the audio, climate control and navigation systems, enhancing the enjoyment of nature in all seasons.

The sharp response and linear characteristics that unify the driver and car were produced by the uncompromising pursuit of body rigidity and ongoing evolution of the platform architecture and packaging to provide a superb balance of excellent turning performance and ride comfort. It is delivered by refined drive force control that optimizes shifting and acceleration and a heart-stirring engine soundscape to provide an exhilarating drive, whether you prefer comfortable cruising or relish all-out sports driving excitement.









## EXTERIOR

Artfully blending the coupe's avant-garde roofline with the dynamic character of a convertible, it exudes a beautiful and bold presence with the soft top open or closed.

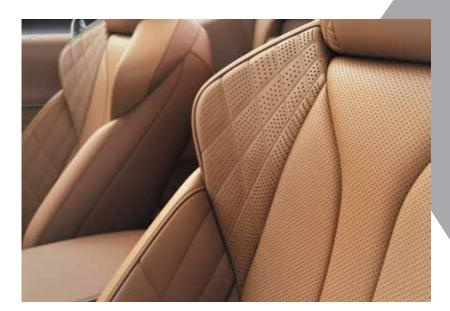












## INTERIOR

Designed to be viewed from the outside and experienced while cocooned inside, the cockpit blends the innovation and authentic craftsmanship synonymous with Lexus luxury comfort with the unrestricted enjoyment of nature.



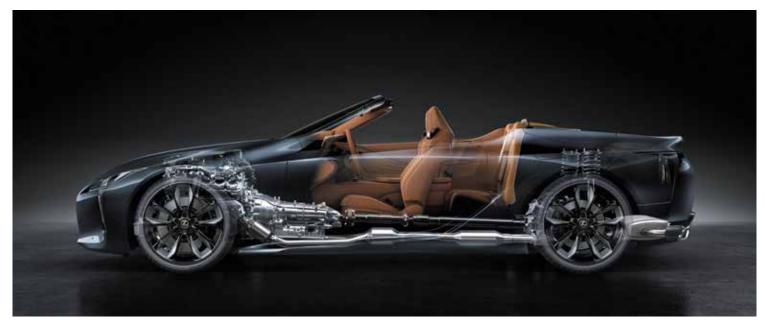








To further refine the exceptional handling and response, extensive testing on the Shimoyama test course contributed to special tuning of suspension components including the spring constant of the front coil spring and stabilizer and damping force of the shock absorbers. They enhance ground contact feel and steering response, to deliver smooth, linear vehicle behavior and changes in posture while accelerating, turning and braking, together with a high level of vehicle stability.



#### FR (Front engine, Rear wheel drive) platform

The structural integrity that forms the core of the LC's next generation driving dynamics focused on the vital contribution of the platform architecture to performance. To provide smooth maneuverability and stability, the moment of inertia was reduced and the center of gravity lowered to enhance excellent steering stability. It is reinforced by a wide stance with short overhangs, and balanced front-to-rear weight distribution, to provide responsive and natural vehicle behavior. The result is a layout that enables driving close to the ideal, enhancing the convertible's responsiveness to driver inputs and giving a natural feel of the road. It also enables the beautiful body with its captivating silhouette, together with ample luggage space.



#### Aerodynamics

Building on the LC's meticulous approach to refining the flow of air both over and under the vehicle to enhance aerodynamics, further research into the changing aerodynamics when the roof is open helps maintain a pleasant air flow in the cabin, whether driving in the city or at high speed on the open road. The addition of a transparent rear deflector contributes to a pleasant airflow in the cabin.



#### Multi material body

To give the LC convertible with its soft-top roof the structural integrity at the heart of the LC's dynamic performance, it integrates several exclusive components to boost body rigidity. They include a rear suspension tower brace with V-brace, torsion box, underfloor braces, and gussets on the bottom of the front and center pillars. The use of aluminum, hot-stamp, and high-tensile steel further contributes to the lightweight, high rigidity body structure, reinforced by the use of body adhesives, laser welding and laser screw welding. To further lighten weight and lower the center of gravity, aluminum and CFRP (Carbon Fiber Reinforced Plastics) are used for a variety of components.



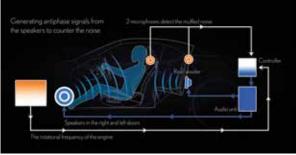




#### Braces

A blend of CAE analysis and emotional driving feel drove the pursuit of body rigidity, optimizing the shape and positioning of the braces and use of lightweight materials to provide a strong platform for the enjoyment of open-air driving. The rear suspension tower brace and front, center and rear underfloor braces reinforce the torsional and flexural rigidity of the body, contributing to the suppression of excess vibration. An additional brace on the rear end of the drive shaft tunnel suppresses twist to enhance steering stability.





#### Engine sound

Advanced Lexus engineering creates a soundscape that combines the luxury of quiet open space with the emotional roar of sporting performance as you press the accelerator. A sound generator on the air intake and active sound-control valves in the exhaust create heart-stirring engine sounds when starting up and accelerating. They are complemented by ANC (Active Noise Control) that cancels out unpleasant engine noise using the audio system speakers, based on input from microphones in the cabin.









#### Fully automated roof system

The fully automated roof system sets the LC Convertible apart. The compact soft top conveys a feeling of lightness, crafted to create a distinctive roofline when closed, and a beautiful silhouette when open and stored under the tonneau cover. It opens and closes quickly in a smooth graceful motion while driving at speeds below 50km/h, with the operational status shown by an animation and progress bar in the multiinformation display. An insulation layer in the top's multi-layered structure contributes to the quiet cabin.

#### Roof switch

In a subtle Lexus refinement, the soft top control switch is concealed under the palm rest, creating a special feeling of opening the lid that mimics opening/closing the soft top. For intuitive operation, the switch direction matches the movement of the roof. The switch features a non-slip Lexus L-shaped pattern, providing tactile feedback for confident operation.





#### Rear deflector

The transparent rear wind deflector behind the rear seats contributes to comfort in the cabin while driving at speeds up to 60km/h. It controls the flow of air into the rear of cabin, and directs it down into the rear seat area to reduce airflow.



#### Windscreen

Special attention was paid to controlling the airflow in the cabin to create an engaging space that enhances the enjoyment of open-air driving in all seasons. The mesh windscreen positioned behind the front seats helps control the airflow into the cabin, to provide a very comfortable space even when driving at high speeds. The mesh pattern was optimized to provide good rear-view visibility and to reduce wind noise, enabling quiet, easy conversation in the front seats. (Dealer option)



### Lexus Climate Concierge

The Lexus Climate Concierge automatically controls the cabin temperature, seat, steering wheel and neck heaters, and Ventilated Seats for the front seats. It provides different control settings depending on whether the soft top is open or closed. When the soft top is open, in addition to the control settings for when the top is closed, the Concierge responds to the vehicle's speed, optimizing the temperature to embrace occupants in a refined and relaxing environment.







#### Neck heater

Neck heaters integrated into the front seat headrests direct warm air around the neck and shoulders, providing rapid warming for comfortable driving when the soft top is down and up. The air flow is automatically adjusted depending on the speed and whether the soft top is open or closed. Adjustable fins enable individuals to direct the warm air flow to match their preference and physique.





#### Mark Levinson audio system

The audiophile-quality Mark Levinson Reference Surround Sound System incorporates an 11-channel amplifier that drives 13 speakers, including speakers integrated into the rear seat headrests, to replicate a precise sound stage that reproduces the position and depth of each instrument. When the soft top is open, the system automatically complements and adjusts the sound architecture in real-time to deliver the audio quality you enjoy with the soft top closed in an open-air environment, and harmonize with the sound of the engine.

#### Luggage space

The soft-top roof is surprisingly compact when stowed away, fitting snugly into a space under the tonneau cover. This not only contributes to the eye-catching side silhouette, but also enables a trunk large enough to stow a golf bag or suitcases.







## LEXUS SAFETY SYSTEM +

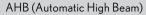
#### Pre-Collision System

When the millimeter-wave radar and monocular camera sensors detect a collision with a vehicle ahead, a pedestrian during the day or at night, or a bicyclist\*1 during the day is likely, it alerts the driver and activates pre-collision brake assist when the driver depresses the brake pedal. If the driver cannot depress the brake pedal, it activates pre-collision braking. In addition, if it detects an oncoming vehicle, it decelerates and helps to mitigate effects of the collision.\*1 In the same way, intersection turning assist helps the driver to detect a vehicle or pedestrian in front when turning at an intersection. If the emergency steering assist system detects a collision with a vehicle, pedestrian or bicyclist ahead is likely, there is sufficient space for the vehicle to be steered within its lane and the driver has begun an evasive steering maneuver, it assists steering to help enhance vehicle stability and prevent lane departure.\*2



## LTA (Lane Tracing Assist)

When Lane Tracing Assist with enhanced lane recognition is activated, it alerts the driver of possible lane or road deviations even when lane markings are interrupted, and helps assist steering to avoid them. In addition, while driving on highways and automobile-only roads with Dynamic Radar Cruise Control activated, it helps assist steering to keep the vehicle in the lane.



AHB helps safe driving at night by instantly switching from high to low beam when the lights of an oncoming vehicle, or the tail lights of a vehicle in front, are detected.

#### RSA (Road Sign Assist)

To help support safe driving, RSA uses the monocular camera sensor to detect key road signs such as speed limit signs, and displays them on the multi-information display. In the event the driver exceeds the speed limit, RSA provides a visual notification.



#### Dynamic Radar Cruise Control (With full speed range)

In addition to maintaining a constant speed, Dynamic Radar Cruise Control uses the millimeter-wave radar and monocular camera sensors to detect a vehicle driving ahead and maintain an appropriate distance between vehicles. Furthermore, when approaching and driving through a curve, a Curve Speed Reduction Function decelerates the vehicle, reducing the need to cancel Dynamic Radar Cruise Control operation, enhancing the driver's convenience.



#### Blind Spot Monitor System

When the quasi-millimeter-wave radars in the rear bumper detect vehicles in adjacent lanes that aren't visible in the door mirrors, the system activates an LED warning indicator in the relevant door mirror the moment a vehicle enters this blind spot.



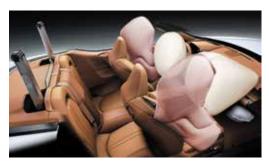
#### RCTA (Rear Cross Traffic Alert)

To assist safe reversing, RCTA uses quasi-millimeter-wave radars in the rear bumper to detect approaching vehicles in difficult-to-see areas behind the vehicle. When an approaching vehicle is detected, RCTA alerts the driver using a buzzer and an LED indicator in the relevant door mirror.



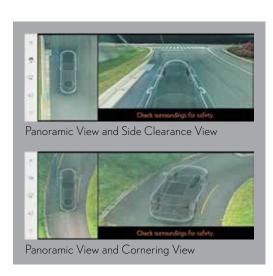
#### Active roll bars

Innovative active roll bars integrated inside the package tray contribute to the beautiful silhouette when the top is open. They automatically deploy upward when a collision or rollover is detected, helping contribute to dispersing the load on the vehicle body.



#### SRS (Supplemental Restraint System) airbags

The LC Convertible features dual-stage SRS airbags (Front seats), SRS knee airbags (Front seats), and large SRS side airbags (Front seats) that expand to help protect the occupants' heads.\*4



#### Panoramic View Monitor

To help check areas surrounding the vehicle that are difficult to see from the driver's seat, the system shows a bird's-eye view of the vehicle in real time on the 12.3-inch EMV touch display, using a composite image taken by cameras mounted on the front, sides, and rear of the vehicle. An Underfloor See-through View shows the position of the wheels, helping assist parking and driving on narrow roads.\*3

- $^{\star 1}$  Pedestrian, bicyclist and oncoming vehicle detection is not available in some markets. Please inquire at your local dealer for details.
- $^{\star 2}$  Intersection turning assist and emergency steering assist system are not available in some markets. Please inquire at your local dealer for details.
- $^{\star 3}$  The area the cameras can show is limited. Be sure to visually check your surroundings before you proceed.
- \*4 The SRS airbags are supplemental devices to be used with the seatbelts. The driver and all passengers in the vehicle must wear their seatbelts properly at all times. Never install a rear-facing CRS (Child Restraint System) on the front passenger's seat. For a forward-facing CRS, it is recommended you use it in the rear seats. Please do not use accessories for the seats which cover the parts where the SRS side airbags should inflate. Such accessories may prevent the SRS side airbags from activating correctly, causing serious injury (Lexus genuine seat covers are specifically designed for models equipped with the SRS side airbags. To find out about availability in your area, please inquire at your local dealer). The photo shows all the SRS airbags activated for display purposes only. For details on these and other important safety features, be sure to read the Owner's Manual carefully.

Note: The systems functions may not operate properly depending on the weather, road and vehicle conditions or other factors. Be sure to read the Owner's Manual carefully. Do not overly rely on these systems, as there is a limit to the performance they can provide. The driver is always responsible for paying attention to the vehicle's surroundings and driving safely.

Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.

Please inquire at your local dealer for details on the availability of features.







#### EXTERIOR & INTERIOR

#### COLORS

The color design expresses elegance and luxury, leveraging the extraordinary experience only a convertible can create in the seamless merging of exterior and interior. It expands the opportunities to personalize the design through body and soft top color combinations, as well as the sophisticated interior colors and materials.



White Nova Glass Flake <083>



Sonic Titanium <1J7>



Sonic Chrome <1L1>



Sonic Iridium <1L2>



Graphite Black Glass Flake <223>



Radiant Red Contrast Layering <3T5>



Sonic Copper <4Y5>



Naples Yellow Contrast Layering <5C1>







Heat Blue Contrast Layering <8X1>

## <SOFT TOP>







Black Sand Beige Marine Blue



20-inch forged aluminum wheels (Super Gloss Black Metallic)



21-inch forged aluminum wheels (Super Gloss Black Metallic, 3D machined finish)



21-inch forged aluminum wheels (Black, Hyper-chrome Metallic)



21-inch forged aluminum wheels (Exclusive option)

# <SEMI-ANILINE LEATHER>



Ocher



Dark Rose



Black



Blue & White

# <SMOOTH LEATHER>



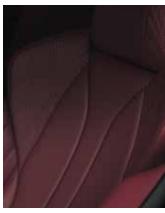
Ocher



Black

## <SEMI-ANILINE LEATHER>

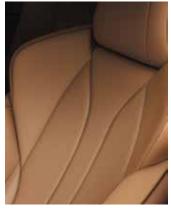








<SMOOTH LEATHER>





Ocher Black

## <COLORS/SEATING MATERIALS FOR MIDDLE EAST>

	SEATING MATERIAL		
INTERIOR COLORS	Semi-aniline Leather	Smooth Leather	
Ocher	•	•	
Dark Rose	•	-	
Black	•	•	
Blue & White	•	-	

	SOFT TOP COLORS		
INTERIOR COLORS	Black	Sand Beige	Marine Blue
Ocher	•	•	•
Dark Rose	•	•	•
Black	•	•	•
Blue & White	•		•

<sup>:</sup> Available combination.

# -LC Personalized Package-

The LC Personalized Package offers individual customers the ability to customize the LC to their personal preferences, with a selection of 'bespoke build-to-order' manufacturing design and performance focused enhancements that harmonize with the LC's 'Seduction & Technology' design concept. Combining advanced engineering with

Takumi craftsmanship to create a truly personalized LC, it promises to further enrich and deepen the exhilaration and pleasure of sports driving.









# Exclusive bespoke options

Continuing the tradition established by the LC Coupe Special Edition, the performance-focused enhancements include exclusive 21-inch forged aluminum wheels that fuse aggressive style with enhanced aerodynamics, and sleek black garnish on the headlamps and rear combination lamps.



Bespoke Build badge

A discreet badge on the center console affirms the unique identity and build of your bespoke LC Personalized Package.

<sup>\*</sup> The photos shown are LC Coupe.





Front bumper canard

Applying innovative incremental forming technology for resin material enabled the distinctive natural lines of the front bumper canard, contributing to an exclusive design with excellent aerodynamic performance befitting the Lexus flagship.



The LC Limited Edition exudes refined elegance and power with its exclusive Hakugin, set off by jet-black highlights on the grille and eye-catching ornamentation that project luxury sporting prowess. Inspired by traditional porcelain, the unique effect of the Hakugin features a pure white base color with the elegant matte finish and fine texture of unglazed porcelain, sealed with a satin lacquer topcoat to enhance the natural brilliance of the pigments while illuminating the nuances of light and shade.



Matte paint aluminum wheel



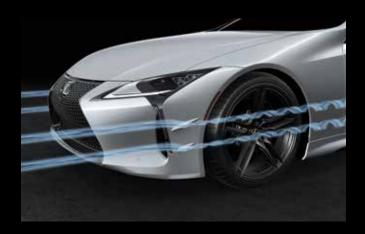
Front jet-black molding



Rear jet-black molding

# Limited Edition Package

Lexus Takumi craftmanship shines in a host of exclusive refinements that contribute to the Limited Edition's exceptional performance characteristics. Exclusive tuning of the engine contributes exceptionally smooth and balanced running, combined with an alluring engine note, and tuning of the Torsen LSD (Limited Slip Differential) enhances responsiveness while accelerating and decelerating. This enhanced performance is delivered to the road through the refined aerodynamics enhanced by the exclusive front bumper canard.





# 2UR-GSE engine/Rear differential

Fine tuning of the engine by Lexus Takumi included a focus on equalizing rotation balance for a smooth rotation feel and a high-class engine sound; refining the characteristics of each cylinder to equalize inertial force and explosive force; and optimizing clearance in interlocking parts in the rear differential to reduce friction and boost response when stepping on the accelerator.

#### Suspension

Exclusive tuning of suspension components in the AVS and EPS contribute to smooth and linear changes in vehicle posture while accelerating, turning and braking. In addition, the torque of the steering column and steering gear box joints was enhanced, contributing to excellent yaw and steering response, and ride comfort.\*

## Rear performance damper

The hydraulic pressure of the performance damper behind the rear bumper which absorbs body torsion and small vibrations that occur while driving was fine tuned to enhance handling stability and ride quality.



## Interior color (Kachi-Blue)

The exclusive use of Kachi-Blue for the interior creates a 'very special space' with a feeling of refined quality. Kachi-Blue is created using traditional Japanese Indigo blue which is darker than navy blue. An auspicious color treasured in Japan for its simplicity and robustness, it contributes to a focused and relaxed driving environment.

#### Alcantara

Applying a refined focus to materials that enhance sports driving ambience, the steering wheel, shift knob, console and door trims are finished in soft-touch Alcantara. In addition to exuding premium quality, Alcantara was selected for its slip-resistance and suppression of light reflection, refined functionality that subtly enhances sports driving enjoyment.



Front seats



Limited Edition plate



Scuff plate

<sup>\*</sup> AVS: Adaptive Variable Suspension system. EPS: Electric Power Steering.

#### MAIN FEATURES FOR MIDDLE EAST <LC500 Convertible>

#### **EXTERIOR**

- Windshield glass; acoustic glass, UV-cut function
- Door, rear and rear quarter window glass; UV-cut function
- Fully automated soft top
- Door mirrors; LED side turn signal lamp, auto folding, interlink with reverse gear
- Flush surface type door handles; foot area illumination

#### **INTERIOR**

- 8-inch color TFT (Thin Film Transistor) meter
- Color TFT multi-information display
- Color head-up display
- Center console box
- Vanity mirrors and lamps (Front seats)
- Cupholder (Front seats)
- Door pockets
- Storage net (Front passenger's seat)
- LED ambient illumination
- Lexus Climate Concierge; open-air control
- Auto air conditioning system; independent temperature controls for front seats, clean air filter with pollen and odor removal function
- nanoe X
- Rear deflector
- Windscreen (Dealer option)

#### **OPERATION**

- Power tilt and telescopic steering column; auto-away/auto-return function
- Steering wheel control switches
- Drive mode select with Custom Mode
- Position memory switches (Driver's seat); 3-memory
- All-window switch
- Soft top control switch
- Smart Entry & Start System
- Panoramic View Monitor
- Parking Assist Monitor
- Lexus parking assist-sensor

## NAVIGATION AND AUDIO

- Lexus Navigation System
- 12.3-inch EMV (Electro Multi-Vision) touch display; Apple CarPlay and Android Auto compatible
- Lexus LC Premium Sound System; AM/FM radio, in-dash DVD player, 12 speakers, MP3 and WMA (Windows Media Audio) play compatible, DSP (Digital Signal Processor), ASL (Automatic Sound Levelizer)
- Mark Levinson Reference Surround Sound System; AM/FM radio, in-dash
- Bluetooth function; hands-free calling, wireless connection with AV-profile compliant player
- 2 USB ports/accessory socket

- 10-way power front seats; one-touch walk-in function
- 2-way power lumbar support (Front seats)
- Ventilated Seats (Front seats)
- Neck heater (Front seats)
- Power easy access system; slide-away and return function (Front seats)

- Lexus Safety System + < Pre-Collision System, LTA (Lane Tracing Assist), AHB (Automatic High Beam), Dynamic Radar Cruise Control>
- VDIM (Vehicle Dynamics Integrated Management)
- Blind Spot Monitor System
- RCTA (Rear Cross Traffic Alert)
- Drive-start Control
- TRC (Traction Control System)
- VSC (Vehicle Stability Control)
- ABS (Anti-lock Brake System) with EBD (Electronic Brake force Distribution)
- Brake Assist system
- ACA (Active Cornering Assist) (Models not equipped with LSD <Limited Slip Differential>)
- 3-eye Bi-Beam LED headlamps; auto-leveling system
- Headlamp cleaners
- LED turn signal lamps
- LED DRL (Daytime Running Lamp)
- LED cornering lamps
- Rear fog lamp
- Automatic anti-glare mirrors (Interior and door mirrors)
- PUH (Pop Up Hood)
- Active roll bars
- Dual-stage SRS (Supplemental Restraint System) airbags (Front seats)
- SRS knee airbags (Front seats)
- SRS side airbags (Front seats)
- WIL (Whiplash Injury Lessening) concept front seats
- 3-point ELR seatbelts (Front and rear seats)
- Pretensioners and force limiters (Front and rear seats)
- Anchor bars for fixing ISOFIX-compliant child seat (Rear seats)
- Security system; alarm, immobilizer system, intrusion sensor - AL-TPWS (Auto Location-Tire Pressure Warning System)

- DVD player, 13 speakers, MP3 and WMA play compatible, DSP, ASL, Clari-Fi

#### SPECIFICATIONS FOR MIDDLE EAST <LC500 Convertible>

DIMENSIONS & WEIGHT

 $\label{eq:continuous} Overall \, length: \qquad \qquad 4,770 \, \text{mm} \qquad \qquad \text{Type:} \qquad \qquad 5.0 \, \text{-liter V8 Four Cam 32-valve}$ 

**ENGINE** 

Overall width: 1,920mm (2UR-GSE, unleaded)

Overall height: 1,350mm Piston displacement: 4,969cc

 Wheelbase:
 2,870mm
 Max. output:
 351kW/7;100rpm (EEC net)

 Tread:
 Front
 1,630mm
 Max. torque:
 540Nm/4,800rpm (EEC net)

 Rear
 1,635mm
 Fuel system:
 D-4S (Direct injection 4 stroke)

Curb weight: 2,035-2,055kg gasoline engine Superior version)

CHASSIS

Gross vehicle weight:

 $Suspension \ (Front/Rear): \\ Multi-link \ type, \ coil \ springs, \ gas-filled \ shock$ 

2,450kg

absorbers, stabilizer bar

Steering system: Rack and pinion.

EPS (Electric Power Steering)

Brakes: Front 400mm ventilated discs

Rear 359mm ventilated discs

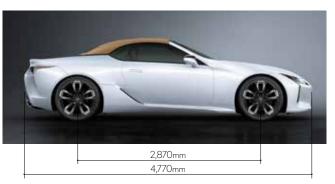
Minimum turning radius (Tires): 5.4m
Fuel tank capacity: 82 liters

Tires: Front 245/45RF20, 245/40RF21

Rear 275/40RF20, 275/35RF21







- Addition of extra features may change figures in this chart.
- Toyota Motor Corporation reserves the right to alter any details of specifications and equipment without notice. Details of specifications and equipment are also subject to change to suit local conditions and requirements. Please inquire at your local dealer for details of any such changes that might be required for your area. Note: Vehicles pictured and specifications detailed in this catalog may vary from models and equipment available in your area.
- Vehicle body color might differ slightly from the printed photos in this catalog.







