

OUTLINE OF NEW FEATURES

The following changes have been made for the 2016 model year.

1. Model Line-up

The following models have been added and discontinued:

MODELS	MODEL CODE	ENGINE	TRANSMISSION	BODY TYPE	GRADE
Added	URJ201L-GNZGKA	3UR-FE	AE80F	Station Wagon	LX
Discontinued	URJ201L-GNTGKA	3UR-FE	AB60F	Station Wagon	LX

2. Exterior

- The design and specification of the exterior parts have been changed.
- The exterior colors have been changed.
- For details, see page 14.

3. Interior

The design and specification of the interior parts have been changed. For details, see page 20.

4. Engine

- The transmission oil cooler (warmer) has been discontinued.
- Planetary reduction type starter assembly is used.
- Part of the circuit has been altered along with the new Controller Area Network (CAN) communication system.
- LIN communication has been adopted for communicating with the generator assembly.
- For details, see page 29.

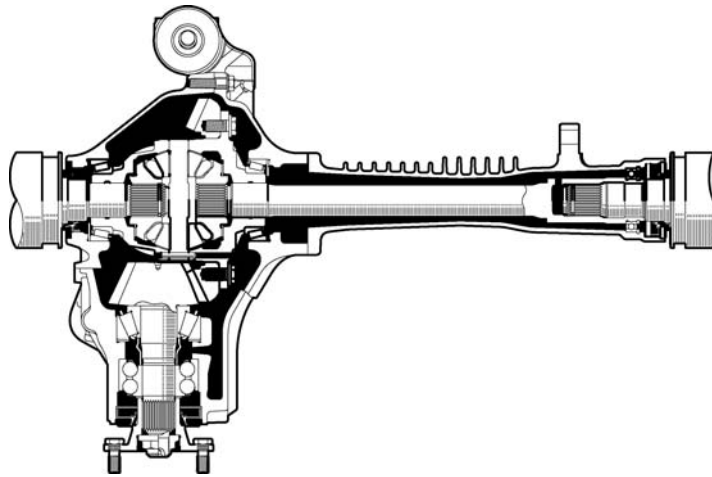
5. AE80F Automatic Transmission

An AE80F 8-speed automatic transmission has been adopted for all models, while the AB60F 6-Speed automatic transmission used in the previous models has been discontinued. For details, see page 36.

6. Differential

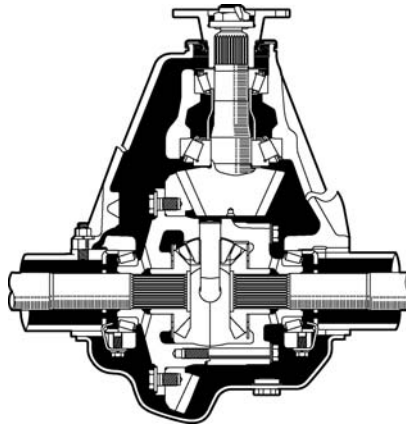
- The gear ratios of the front differential and the rear differential have been changed to 3.307 along with the newly adopted 8-speed automatic transmission.
- The drive performance and fuel economy of the vehicle have been improved through the wider gear ratios of the transmission and the newly adopted differential gear ratio.

► **Front Differential** ◀



27J0CH68D

► **Rear Differential** ◀



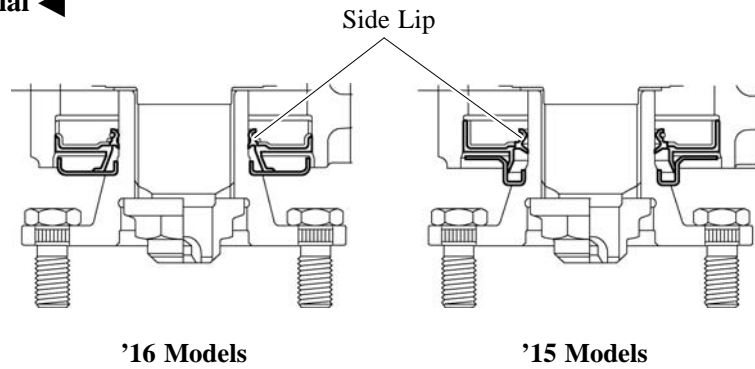
27J0CH69D

► **Specifications** ◀

	'16 Models		'15 Models	
	Front	Rear	Front	Rear
Differential Type	SD22A	BD24A	SD22A	BD24A
Differential Gear Ratio	3.307	←	3.909	←
Ring Gear Size mm (in.)	220 (8.7)	240 (9.5)	220 (8.7)	240 (9.5)
Oil Capacity Liters (US qts, Imp.qts)	1.9 (2.0, 1.7)	4.2 (4.4, 3.7)	1.9 (2.0, 1.7)	4.2 (4.4, 3.7)
Oil Viscosity	SAE 75W-85	←	SAE 75W-85	←
Oil Grade	API GL-5	←	API GL-5	←

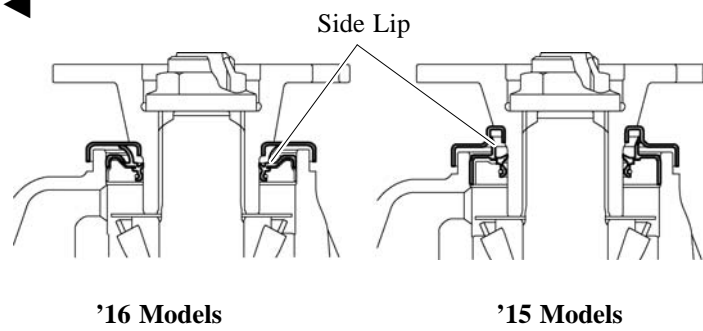
- The seal structure of the side lip of the pinion seal has been changed from the cylinder contact type to an end face contact type for an improved dust-proof performance.

► Front Differential ◀



27J0CH74

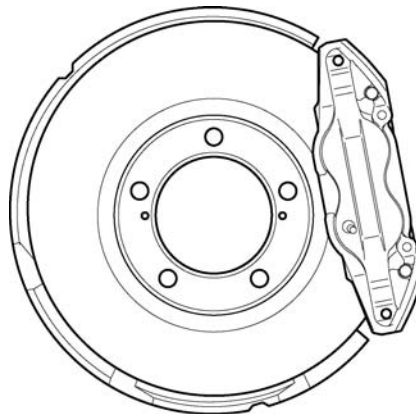
► Rear Differential ◀



27J0CH75

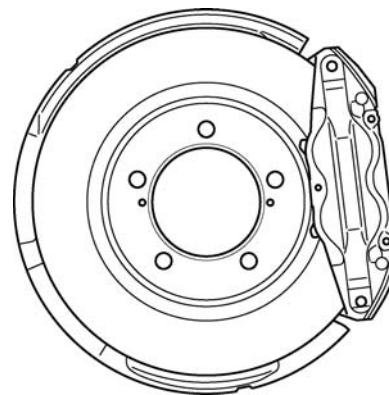
7. Brake

- An 18" front brake system has newly been adopted for all models, instead of the 17" front brake system adopted in the previous model.



27B0CH42

'16 Models



27B0CH19

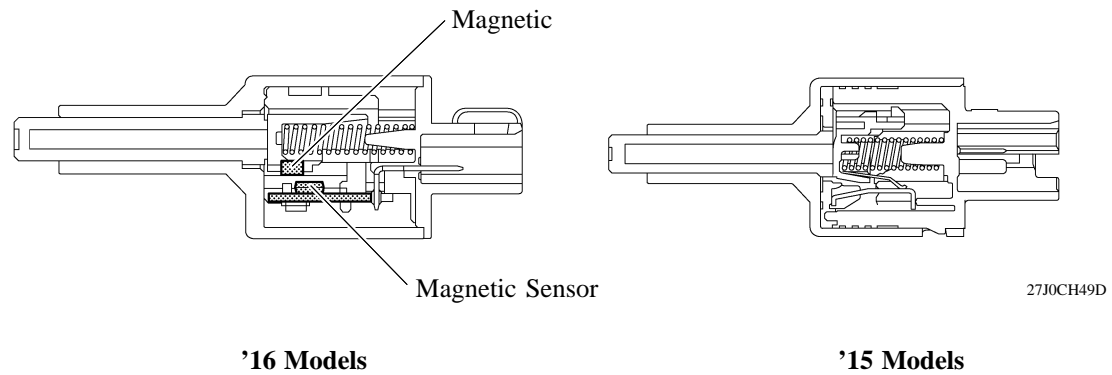
'15 Models

► Specifications ◀

		'16 Models	'15 Models
Front Brake	Caliper Type	18" S15WC	17" S15WA
	Wheel Cylinder Diameter	mm (in.) 51.1 (2.01) × 2	←
	Rotor Size (D × T)*	mm (in.) 354 × 32 (13.93 × 1.26)	340 × 32 (13.39 × 1.26)
	Pad Area	cm ² (in. ²) 65.0 (10.08) × 2	←
	Pad Material	PV565H	←

*: D: Outer Diameter, T: Thickness

- The stop light switch assembly has been changed from the metallic type to a non-contact type.

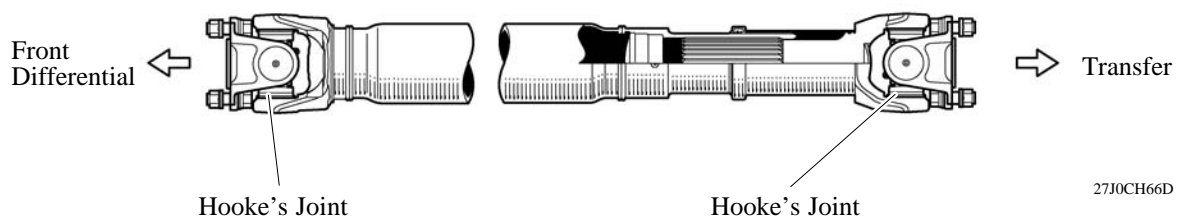


- The designs of the CRAWL ON/OFF switch, turn assist ON/OFF switch, CRAWL speed/MTS mode select switch, and VSC OFF switch have been altered and they are built into the integration control and panel assembly (console module switch).
- Some operating conditions have been changed for the multi-terrain select so that it can be used while the CRAWL control is activated.
- An electric parking brake system has been adopted.
- For details, see page 93.

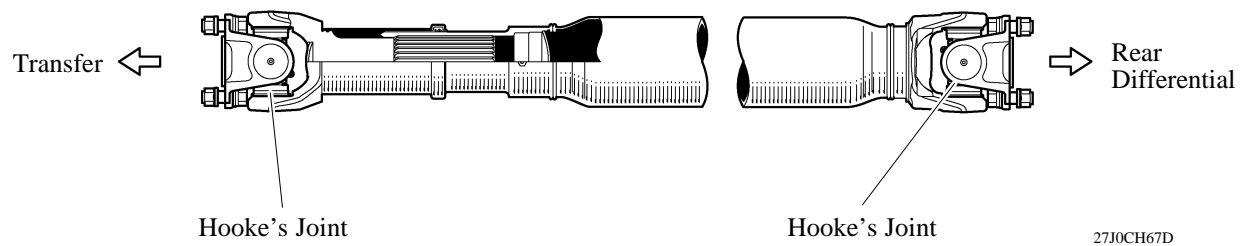
8. Propeller Shaft

2-joint × intermediate sliding type front and rear propeller shaft assemblies have been carried over from the previous models.

► Front Propeller Shaft Assembly ◀



► Rear Propeller Shaft Assembly ◀

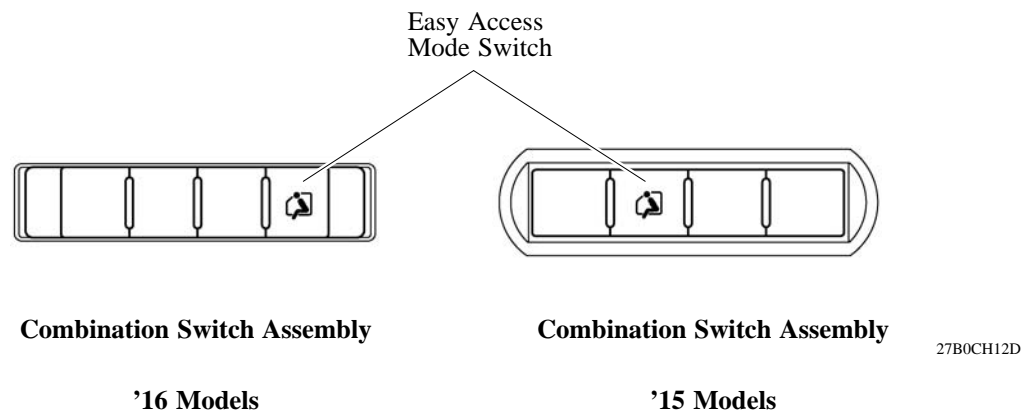


9. Steering

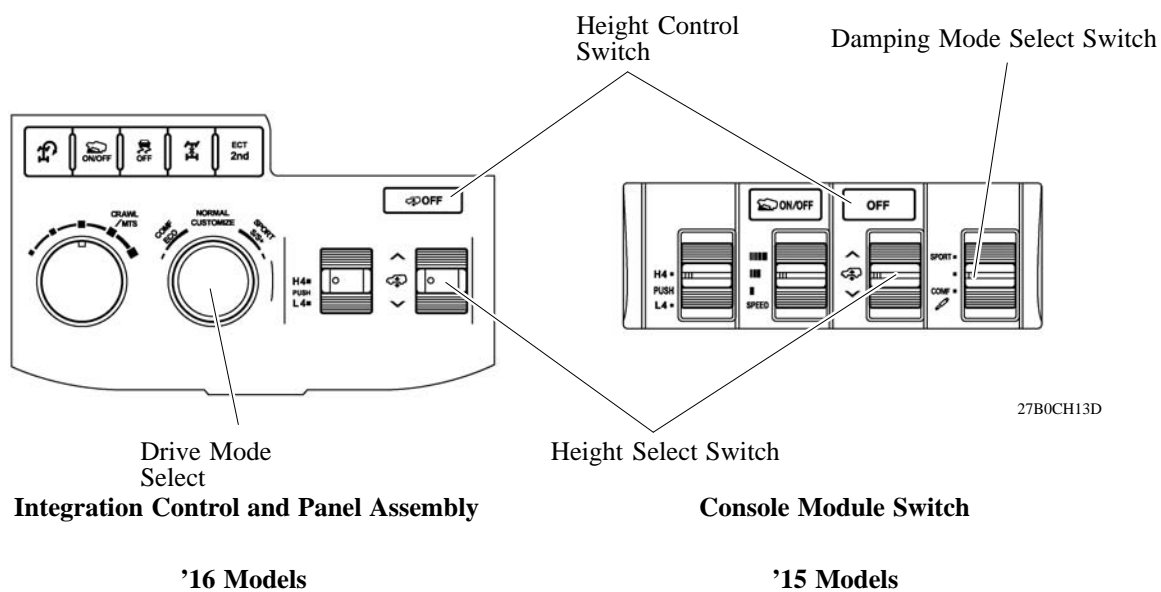
- The design and specification of the steering parts have been changed.
- The VFC (Variable Flow Control) power steering system is provided.
- An optimal power steering has been adopted through the newly adopted drive mode select.
- For details, see page 107.

10. Suspension

- Newly designed easy access mode switch (combination switch assembly) is provided.

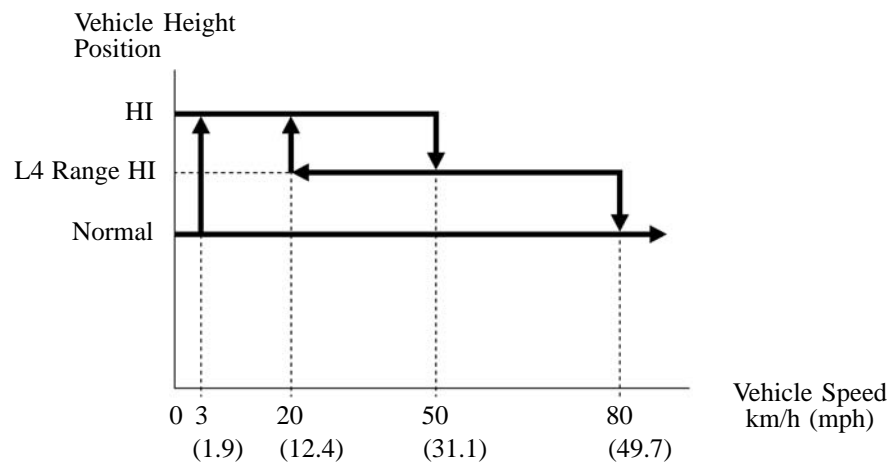


- The designs of the height select switch, height control switch and drive mode select have been altered and they are built into the integration control and panel assembly (console module switch), integrating them on the console and allowing the driver to keep his/her driving posture when using those traction and drive related switches.



The Damping Force Control and the Height Control have been optimized.

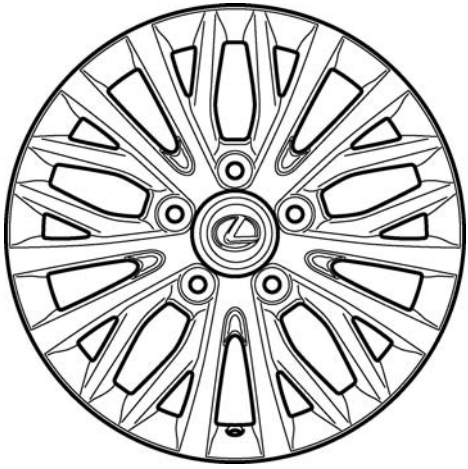

- For the Damping Force Control, its Non-Linear H infinity (H_{∞}) Control has been optimized for off-road SUVs and the control and operation range has been expanded. Aftershocks when running rough roads have been reduced through the optimally tuned control in the transfer L4 mode, which lessens the driver's stress through the stabilized eye level, as well as secures the tire's road holding performance, resulting in the improved driving performance in rough roads.
- The speed at which the vehicle height set to High will be lowered in the transfer L4 mode has been altered from 40 km/h to 50 km/h for further improved driving performance.



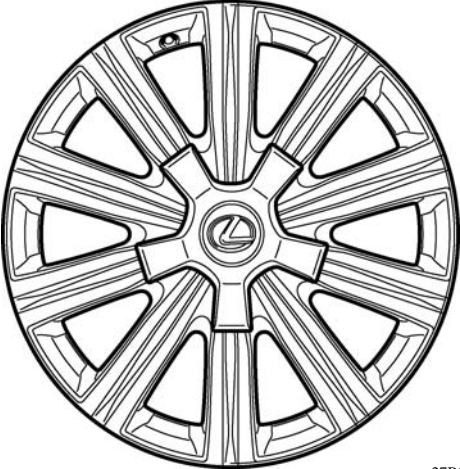
27B0CH18

11. Tire and Wheel

Newly designed 20-inch aluminum disc wheels have been adopted. 21-inch aluminum disc wheels have been made available.

	'16 Models	'15 Models
Tire Size	285/50R20	P285/50R20
Disc Wheel Size	20 × 8 1/2J	←
Disc Wheel Material	Aluminum with Center Ornament	←
P.C.D.*	150 mm (5.9 in.)	←
Inset	58 mm (2.3 in.)	60 mm (2.4 in.)
Wheel Design	 27B0CH04D	 08GMO002I

*: Pitch Circle Diameter

Tire Size	275/50R21
Disc Wheel Size	21 × 8 1/2J
Disc Wheel Material	Aluminum with Center Ornament
P.C.D.*	150 mm (5.9 in.)
Inset	54 mm (2.1 in.)
Wheel Design	

*: Pitch Circle Diameter

12. Tire Pressure Warning System

An air pressure monitoring function has been made available where the air pressure values for all tires are shown in the multi-information display in the combination meter assembly. For details, see page 117.

13. Body Structure

The shape and specification of some body parts have been changed. For details, see page 128.

14. Seat

The design, specification and setting of some seat have been changed. For details, see page 132.

15. Multiplex Communication

The configuration of the CAN, LIN, AVC-LAN and MOST communication system has been changed. For details, see page 135.

16. Meter

- Combination meter assembly has been changed.
- The headup display has been adopted depending on the specification.
- For details, see page 153.

17. Air Conditioning

- Lexus climate concierge has been adopted.
- The design of front/rear heater control panel and display of accessory meter assembly have been changed.
- For details, see page 177.

18. Power Window System

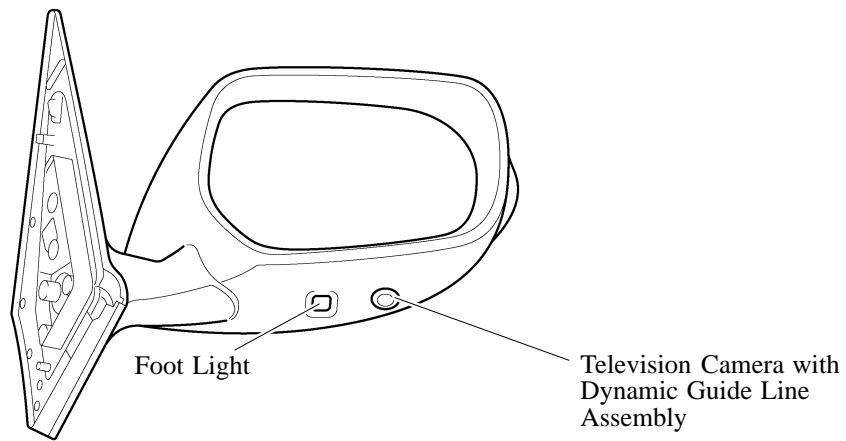
- Power window regulator motor assembly has been changed.
- Some of the control for the power window system has been changed.
- Newly shaped multiplex network master switch assembly and power window regulator switch assemblies have been adopted.
- For details, see page 183.

19. SRS Airbag System

A part of SRS airbag system has been changed. For details, see page 191.

20. Outer Rear View Mirror

The position of the television camera with dynamic guide line assembly and foot light provided under the outer rear view mirror assembly has been changed along with the provision of a blind spot monitor.

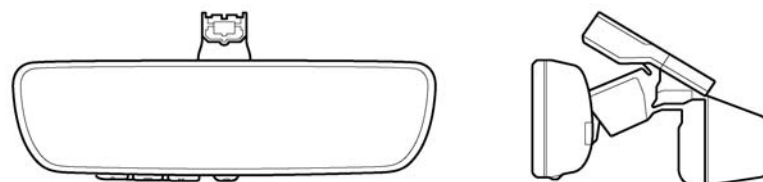


Outer Rear View Mirror Assembly

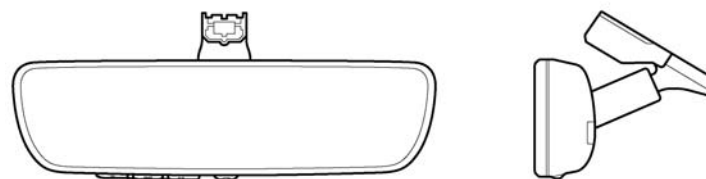
27C0M002

21. Inner Rear View Mirror

The design of the inner rear view mirror assembly has been changed. For details, see page 193.



Models without Pre-collision System



Models with Pre-collision System

Inner Rear View Mirror Assembly

27J0B009

22. Wiper and Washer System

- A newly shaped windshield wiper relay assembly has been adopted with a new specification. For details, see page 194.
- The design of the rear wiper arm and blade assembly has been changed. For details, see page 201.

23. Heated and Ventilated Seat System

- Ventilated second seats have been adopted.
- The automatic control function for the heated and ventilated seat system has been adopted.
- The refreshing seat switch has been changed.
- For details, see page 202.

24. Memory System

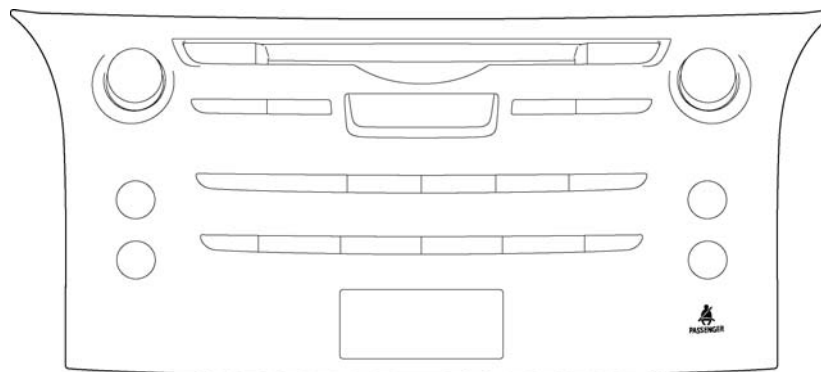
- A newly shaped memory switch has been adopted and installed on a new location.
- Some operation conditions and methods of using the memory system have been changed.
- For details, see page 209.

25. Wireless Charging System

A wireless charging system has been adopted and provided in the front console depending on the specifications. For details, see page 211.

26. Seat Belt Warning System

The setting position of the front passenger seat belt warning light has been changed along with the provision of a new multi-media module receiver assembly.



Multi-media Module Receiver Assembly

27. Lighting

- The exterior lights design has been changed.
- The Light Emitting Diode (LED) type headlight assemblies are newly provided.
- The Light Emitting Diode (LED) is used to the light source for interior light. In addition, the door trim illumination is newly provided.
- The components of automatic headlight beam level control system have been changed.
- The components of the automatic high beam system has been changed.
- The Light Emitting Diode (LED) type daytime running light system is provided.
- A new welcome light illumination system has been adopted.
- The components of the illuminated entry system has been changed or added.
- The components of the headlight cleaner system has been changed.
- A newly designed headlight dimmer switch assembly has been adopted.
- An intelligent AFS (Adaptive Front-lighting System) has been discontinued.
- For details, see page 217.

28. Multi Display

The 15CY model navigation system is used. For details, see page 258.

29. Audio System

The 15CY model audio head unit is used. For details, see page 288.

30. RSES (Rear Seat Entertainment System)

Rear Seat Entertainment (RSE) system is used. For details, see page 292.

31. Bluetooth Hands Free System

The 15CY model Bluetooth hands-free system is used. For details, see page 298.

32. Smart Access System with Push-button Start

Some of the functions have been changed. For details, see page 302.

33. Power Back Door System

Each part of the power back door system has been changed, and as a result, the power back door control has also been changed. For details, see page 346.

34. Intuitive Parking Assist System

Some of the functions have been changed due to the change in the sensor. For details, see page 372.

35. Pre-Collision System

The “Lexus Safety System+” is provided. On the new model, the forward recognition camera and millimeter wave radar sensor is used. For details, see page 383.

36. Lane Departure Alert System

The lane departure alert system is newly provided. For details, see page 406.

37. Multi-Terrain Monitor System

Some of the functions have been changed. For details, see page 419.

38. Blind Spot Monitor System

A blind spot monitor system has been newly provided.* For details, see page 465.

*: Models except for Canada

39. Cruise Control System

- The components of the Cruise Control System have been changed.
- Conditions on VSC and TRAC have been added to the conditions for Manual Cancel Control.
- The components of the Dynamic Radar Cruise Control System have been changed or added, resulting in some alterations in the control including the addition of the full-speed range following function.
- For details, see page 489.