LX570

OUTLINE OF NEW FEATURES

The following changes are made for the new LX570.

1. Exterior Color

A total of 7 exterior colors are provided - 6 carryover colors and 1 new color:

Color No.	Color Name	Note
L077	White Pearl Crystal Shine	Carryover
L1F2	Premium Silver	Carryover
L1G8	Gray Mica Metallic	Carryover
L202	Black	Carryover
L217	**Starlight Black Glass Flake**	**New**
L3R7	Dark Red Mica Crystal Shine	Carryover
L4T1	Beige Metallic	Carryover

2. 3UR-FE Engine

The air injection system has been discontinued on models for G.C.C. countries with 3UR-FE engine.

3. Steering Wheel

A heated steering wheel system is newly provided. For detail, see page 3.

4. Transfer

- Use of the JF2A transfer has been continued.
- A low viscosity Toyota Genuine Transfer Gear Oil LF (SAE 75W) is used, thus improving fuel economy.

MODEL CODE

URJ201 L – G N T G K W

1 2 3 4 5 6 7 8

1	**BASIC MODEL CODE**
	URJ201 : With 3UR-FE Engine

2	**STEERING WHEEL POSITION**
	L : Left-hand Drive R : Right-hand Drive

3	**BODY TYPE**
	G : Station Wagon

4	**BACK DOOR TYPE/SEATING CAPACITY**
	N : Lift-up/8-seater

5	**GEAR SHIFT TYPE**
	T : 6-speed Automatic, Floor

6	**GRADE**
	G : LX

7	**ENGINE SPECIFICATION**
	K : DOHC and EFI

8	**DESTINATION**
	W : Europe V : G.C.C. Countries Q : Australia C : China

MODEL LINE-UP

DESTINATION	ENGINE	BODY TYPE	SEATING CAPACITY	GRADE	TRANSMISSION
					AB60F
Europe*1	3UR-FE	Station Wagon Lift-up Back Door	8	LX	URJ201L-GNTGKW
G.C.C. Countries	3UR-FE	Station Wagon Lift-up Back Door	8	LX	URJ201L-GNTGKV
Australia*2	3UR-FE	Station Wagon Lift-up Back Door	8	LX	URJ201R-GNTGKQ
China	3UR-FE	Station Wagon Lift-up Back Door	8	LX	URJ201L-GNTGKC

*1: Russia package model options are included.
*2: Nigeria package model options are included.

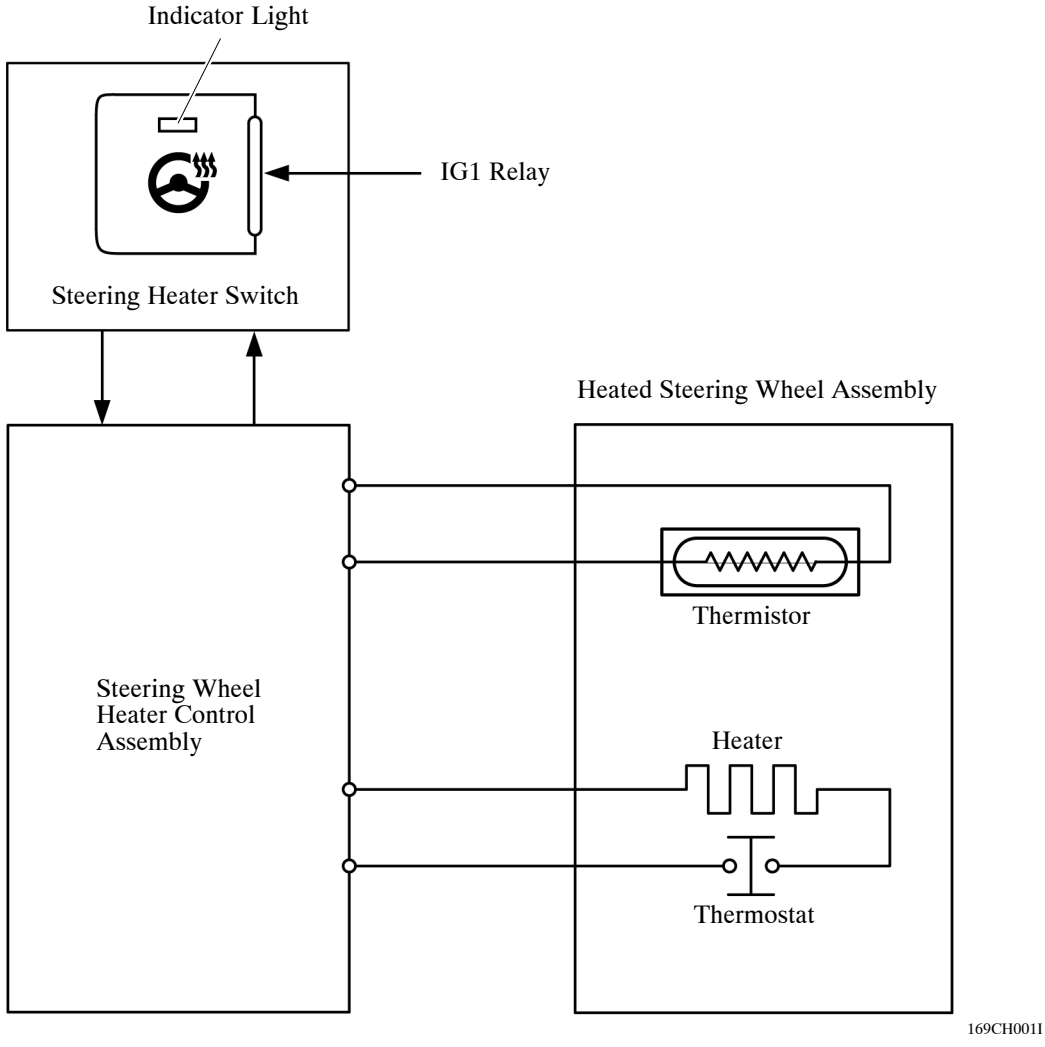
NEW FEATURES

■HEATED STEERING WHEEL SYSTEM

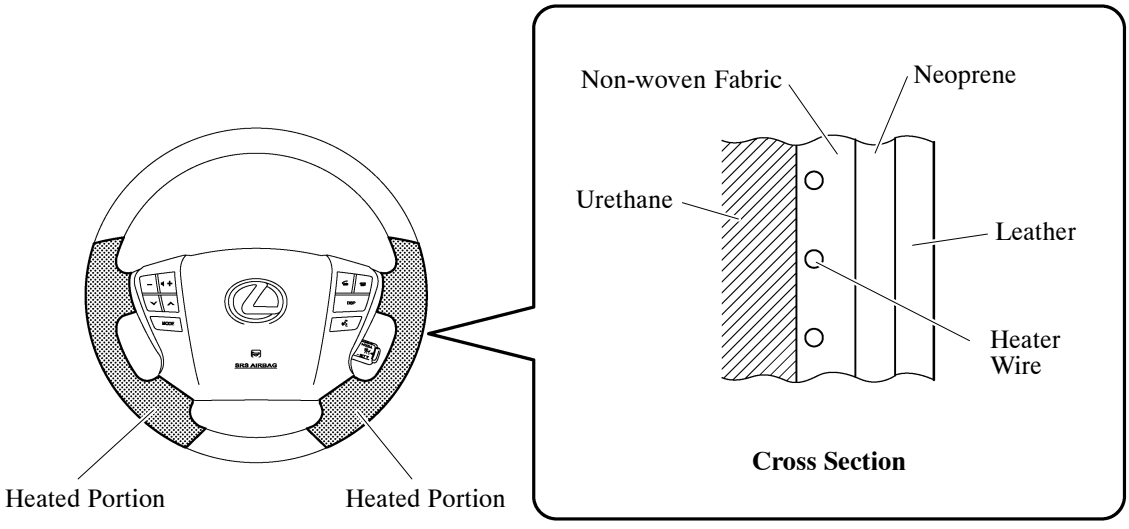
1. General

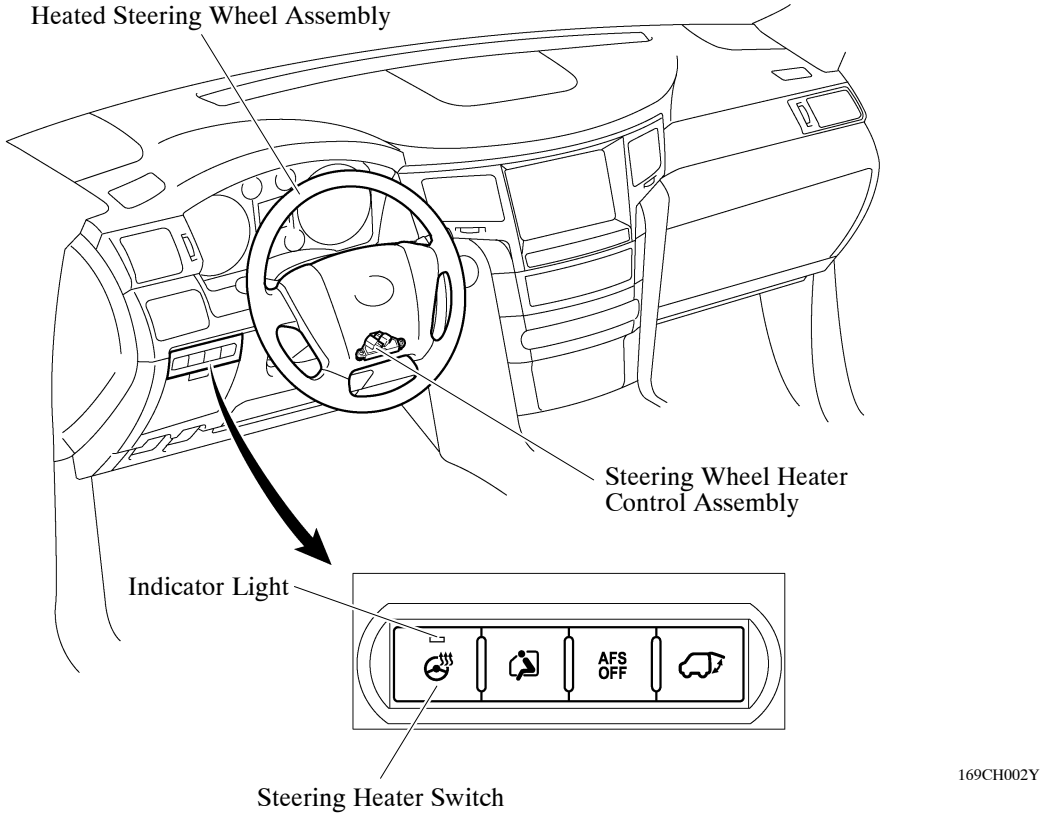
- A heated steering wheel system is available as optional equipment.
- This system consists of a heater wire that is placed inside the steering wheel.
- This system is activated by operating the steering heater switch and is controlled by the steering wheel heater control assembly.
- The steering wheel heater control assembly uses the thermistor provided in the steering wheel to maintain the surface temperature of the steering wheel at approximately 37°C (99°F).
- The steering wheel heater control assembly contains a timer function that automatically turns off the heated steering wheel system after approximately 30 minutes even if the driver does not turn off the steering heater switch.
- When the steering wheel heater control assembly detects the following malfunctions, the indicator light of the steering heater switch blinks.
  - An open or short in the thermistor has continued for 2 seconds or more.
  - The steering heater switch has been kept pressed for 10 seconds or more.

2. System Diagram



3. Layout of Main Components





MAJOR TECHNICAL SPECIFICATIONS

	Item / Area			Europe	Australia	G.C.C. Countries	China
	Body Type			Station Wagon (8-seater)			
	Vehicle Grade			LX			
	Model Code			URJ201L-GNTGKW	URJ201R-GNTGKQ	URJ201L-GNTGKV	URJ201L-GNTGKC
Major Dimensions & Vehicle Weights	Overall	Length	mm (in.)	4990 (196.5)	4990 (196.5)	4990 (196.5)	5140 (202.4)
		Width	mm (in.)	1970 (77.6)	1970 (77.6)	1970 (77.6)	1970 (77.6)
		Height	mm (in.)	1920 (75.6)	1865 (73.4), 1920 (75.6)*	1865 (73.4), 1920 (75.6)*	1920 (75.6)
	Wheel Base		mm (in.)	2850 (112.2)	2850 (112.2)	2850 (112.2)	2850 (112.2)
	Tread	Front	mm (in.)	1640 (64.6)	1640 (64.6)	1640 (64.6)	1640 (64.6)
		Rear	mm (in.)	1635 (64.4)	1635 (64.4)	1635 (64.4)	1635 (64.4)
	Room	Length	mm (in.)	2715 (106.9)	2715 (106.9)	2715 (106.9)	2715 (106.9)
		Width	mm (in.)	1640 (64.6)	1640 (64.6)	1640 (64.6)	1640 (64.6)
		Height	mm (in.)	1200 (47.2)	1200 (47.2)	1200 (47.2)	1200 (47.2)
	Overhang	Front	mm (in.)	970 (38.2)	970 (38.2)	970 (38.2)	975 (38.4)
		Rear	mm (in.)	1170 (46.1)	1170 (46.1)	1170 (46.1)	1315 (51.8)
	Min. Running Ground Clearance		mm (in.)	225 (8.9)	225 (8.9)	225 (8.9)	225 (8.9)
	Angle of Approach		degrees	28	28	28	28
	Angle of Departure		degrees	20	20	20	20
	Curb Weight	Front	kg (lb)	1365 - 1375 (3009 - 3031)	1350 - 1355 (2976 - 2987)	1355 - 1365 (2987 - 3009)	1360 - 1365 (2998 - 3009)
		Rear	kg (lb)	1250 - 1280 (2756 - 2822)	1350 - 1385 (2976 - 3053)	1330 - 1365 (2932 - 3009)	1310 - 1365 (2888 - 3009)
		Total	kg (lb)	2615 - 2655 (5765 - 5853)	2700 - 2740 (5952 - 6041)	2685 - 2730 (5919 - 6019)	2670 - 2730 (5886 - 6019)
	Gross Vehicle Weight	Front	kg (lb)	1445 (3186)	1450 (3197)	1455 (3208)	1455 (3208)
		Rear	kg (lb)	1855 (4090)	1850 (4079)	1845 (4068)	1845 (4068)
		Total	kg (lb)	3300 (7275)	3300 (7275)	3300 (7275)	3300 (7275)
	Fuel Tank Capacity		L (Imp. gal.)	93 (20.5)	93 + 45 (20.5 + 9.9)	93 + 45 (20.5 + 9.9)	93 + 45 (20.5 + 9.9)
	Luggage Capacity (VDA)		m^3 (cu.ft.)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)	0.259 (9.1)
Performance	Max. Speed		km/h (mph)	220 (136)	220 (136)	220 (136)	220 (136)
	Max. Cruising Speed		km/h (mph)	220 (136)	220 (136)	220 (136)	220 (136)
	Acceleration	0 to 100 km/h	sec.	7.8	7.8	7.8	7.8
		0 to 400 m	sec.	15.8	15.8	15.8	15.8
	Max. Permissible Speed	1st Gear	km/h (mph)	66 (41)	66 (41)	66 (41)	66 (41)
		2nd Gear	km/h (mph)	113 (70)	113 (70)	113 (70)	113 (70)
		3rd Gear	km/h (mph)	164 (102)	164 (102)	164 (102)	164 (102)
		4th Gear	km/h (mph)	220 (136)	220 (136)	220 (136)	220 (136)
		5th Gear	km/h (mph)	220 (136)	220 (136)	220 (136)	220 (136)
		6th Gear	km/h (mph)	220 (136)	220 (136)	220 (136)	220 (136)
	Min. Turning Radius	Tire	m (ft.)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)	5.9 (19.4)
		Body	m (ft.)	3.4 (11.2)	3.4 (11.2)	3.4 (11.2)	3.4 (11.2)
Engine	Engine Type			3UR-FE	3UR-FE	3UR-FE	3UR-FE
	No. of Cyls. & Arrangement			8-cylinder, V-type	8-cylinder, V-type	8-cylinder, V-type	8-cylinder, V-type
	Valve Mechanism			32-valve, DOHC with Dual VVT-i	32-valve, DOHC with Dual VVT-i	32-valve, DOHC with Dual VVT-i	32-valve, DOHC with Dual VVT-i
	Bore × Stroke		mm (in.)	94.0 × 102.0 (3.70 × 4.02)	94.0 × 102.0 (3.70 × 4.02)	94.0 × 102.0 (3.70 × 4.02)	94.0 × 102.0 (3.70 × 4.02)
	Displacement		cm^3 (cu.in.)	5663 (345.6)	5663 (345.6)	5663 (345.6)	5663 (345.6)
	Compression Ratio			10.2 : 1	10.2 : 1	10.2 : 1	10.2 : 1
	Fuel System			EFI	EFI	EFI	EFI
	Research Octane No.			91 or higher	91 or higher	91 or higher	91 or higher
	Max. Output (ECC)		kW/rpm	270/5600	270/5600	270/5600	270/5600
	Max. Torque (ECC)		N·m/rpm	530/3200	530/3200	530/3200	530/3200
Engine Electrical	Battery Capacity (5HR)		Voltage & Amp.hr.	12 - 64	12 - 64	12 - 64	12 - 64
	Alternator Output		Watts	2160	2160	2160	2160
	Starter Output		kW	2.0	2.0	2.0	2.0
Chassis	Clutch Type			—	—	—	—
	Transaxle Type			AB60F	AB60F	AB60F	AB60F
	Gear Ratio	In 1st		3.333	3.333	3.333	3.333
		In 2nd		1.960	1.960	1.960	1.960
		In 3rd		1.353	1.353	1.353	1.353
		In 4th		1.000	1.000	1.000	1.000
		In 5th		0.728	0.728	0.728	0.728
		In 6th		0.588	0.588	0.588	0.588
		In Reverse		3.061	3.061	3.061	3.061
	Transfer Gear Ratio		H4/L4	1.000/2.618	1.000/2.618	1.000/2.618	1.000/2.618
	Differential Gear Ratio (Front/Rear)			3.909/3.909	3.909/3.909	3.909/3.909	3.909/3.909
	Differential Gear Size (Front/Rear)		mm (in.)	220 (8.7)/241 (9.5)	220 (8.7)/241 (9.5)	220 (8.7)/241 (9.5)	220 (8.7)/241 (9.5)
	Brake Type	Front		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
		Rear		Ventilated Disc	Ventilated Disc	Ventilated Disc	Ventilated Disc
	Parking Brake Type			Duo-servo Drum	Duo-servo Drum	Duo-servo Drum	Duo-servo Drum
	Brake Booster Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic
	Proportioning Valve Type			—	—	—	—
	Suspension Type	Front		Double Wishbone	Double Wishbone	Double Wishbone	Double Wishbone
		Rear		4 Link with Lateral Rod	4 Link with Lateral Rod	4 Link with Lateral Rod	4 Link with Lateral Rod
	Stabilizer Bar	Front		Standard	Standard	Standard	Standard
		Rear		Standard	Standard	Standard	Standard
	Steering Gear Type			Rack and Pinion	Rack and Pinion	Rack and Pinion	Rack and Pinion
	Steering Gear Ratio			14.2 - 17.6	14.2 - 17.6	14.2 - 17.6	14.2 - 17.6
	Power Steering Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic

*: Models with roof rail