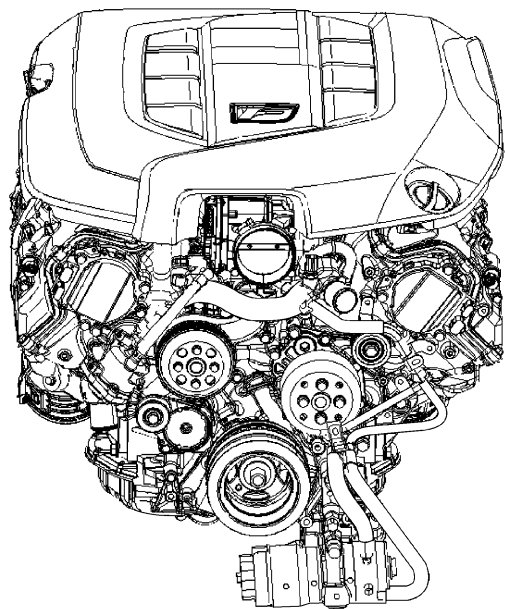


PERFORMANCE

Power Train

2UR-GSE Engine

The performance of the 2UR-GSE 5.0 liter V8 engine allows driving to be enjoyed with passion.

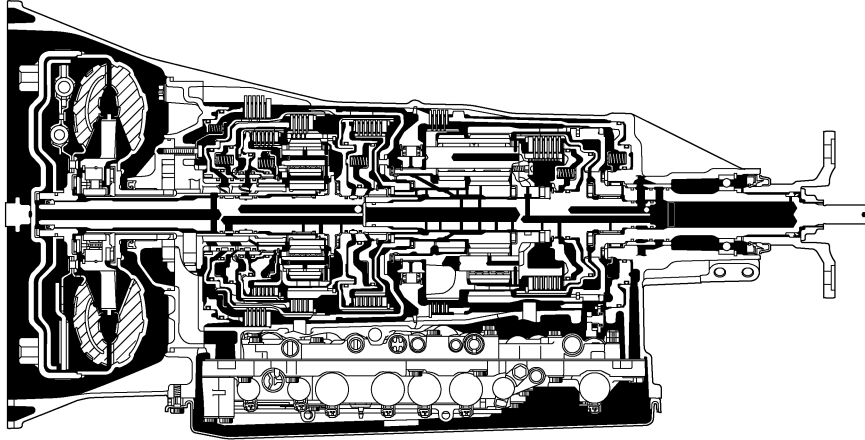


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No. of Cyls. & Arrangement	8-cylinder, V-type
Valve Mechanism	32-valve DOHC Chain Drive with Dual VVT-i
Fuel System	EFI D-4S
Displacement	4969 cm ³ (303.2 cu. in.)
Max. Output	311 kW@6600 rpm
Max. Torque	505 N·m@5200 rpm

AA80E Automatic Transmission

The AA80E 8-speed automatic transmission uses 8-speed sport direct shift control to provide a direct feel in relation to the amount the accelerator pedal is depressed and deliver the response and feel of manual shifting.

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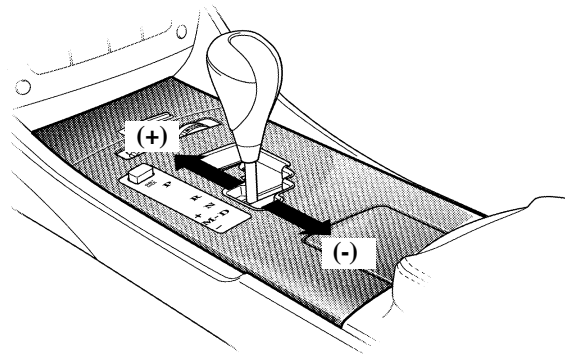
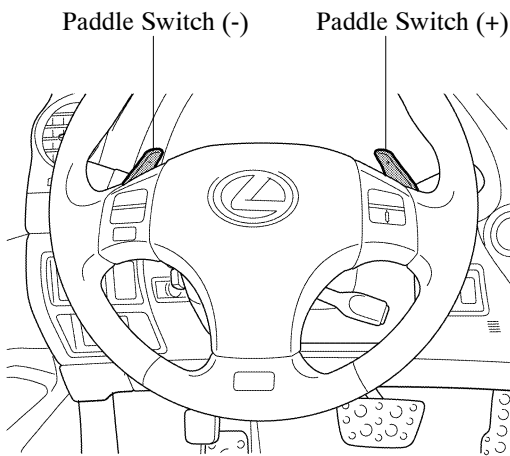
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Transmission Type		AA80E
Gear Ratio	1st	4.596
	2nd	2.724
	3rd	1.863
	4th	1.464
	5th	1.231
	6th	1.000
	7th	0.824
	8th	0.685
	Reverse	2.176

8-speed Sport Direct Shift Control

8-speed sport direct shift control features gear hold control, complete lock-up control from 2nd to 8th gears, super high response upshift control and blipping downshift control.

- (1) Gear hold control: when the shift lever is moved to M, this function holds the current gear in position until the paddle switches or shift lever are operated in the (+) or (-) direction.
- (2) Complete lock-up control from 2nd to 8th gear: when in 2nd gear and above, this function directly transfers variations in engine power, both when accelerating and decelerating.
- (3) Super high response upshift control: this function uses integrated engine and transmission control to achieve high response gearshifts.
- (4) Blipping downshift control: after the clutch on the disengaging side is quickly disengaged and a neutral state is entered, this function increases the engine speed to match the engine speed required after the gear change, enabling the clutch on the engaging side to be engaged smoothly and quickly.



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