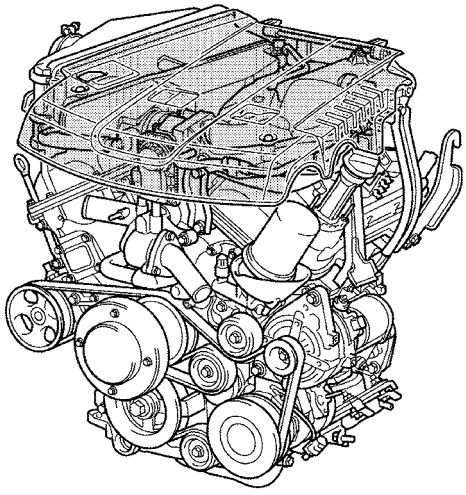
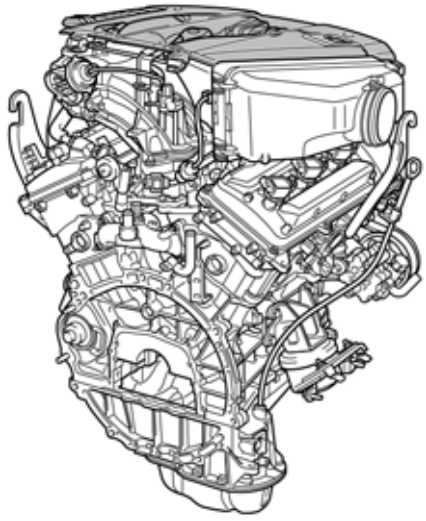
PERFORMANCE

Power Train

1GR-FE Engine



0240MO24Z



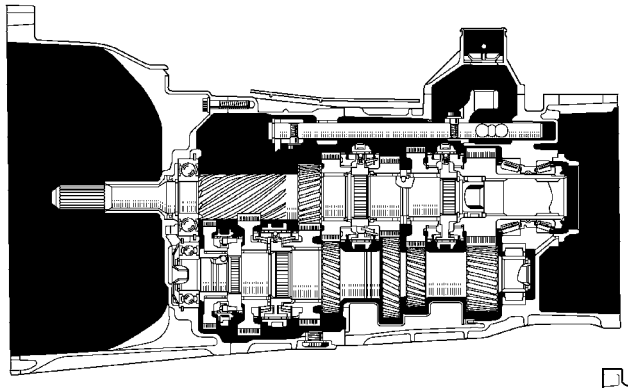
0240MO25Z

No. of Cyls. & Arrangement	6-Cylinder, V-Type
Valve Mechanism	24-Valve DOHC with VVT-i
Fuel System	SFI
Displacement	3956 cm^3 (241.4 cu. in.)
Max. Output*	178 kW @ 5200 rpm (239 HP @ 5200 rpm)
Max. Torque*	377 N·m @ 3700 rpm (278 ft·lbf @ 3700 rpm)

*: Maximum output and torque rating is determined by revised SAE J1349 standard. For detail, refer to “Major Technical Specifications”.

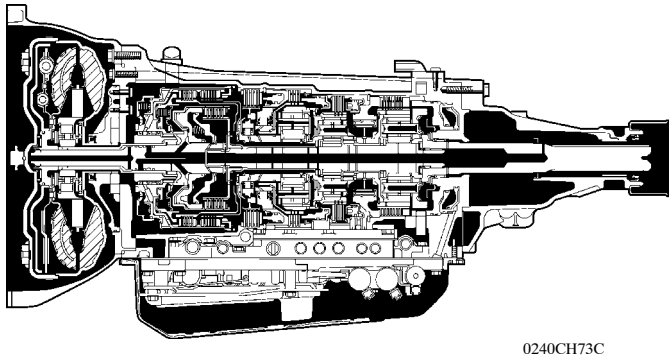
Transmission

		Manual	Automatic	
Type		RA61F	A750E	A750F
Combination with Engine		1GR-FE (4WD)	1GR-FE (2WD)	1GR-FE (4WD)
Combination with Transfer		VF4B (Full-time)	-	VF2A (Part-time)
Gear Ratio	1st	4.171	3.520	3.520
	2nd	2.190	2.042	2.042
	3rd	1.488	1.400	1.400
	4th	1.193	1.000	1.000
	5th	1.000	0.716	0.716
	6th	0.799	-	-
	Reverse	3.607	3.224	3.224



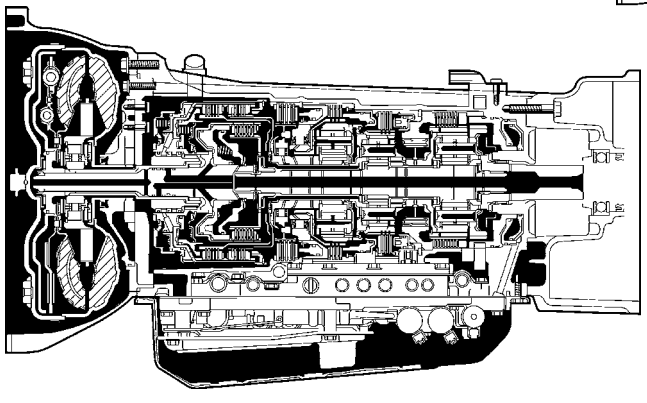
276PD06

RA61F Manual Transmission



0240CH73C

A750E Automatic Transmission



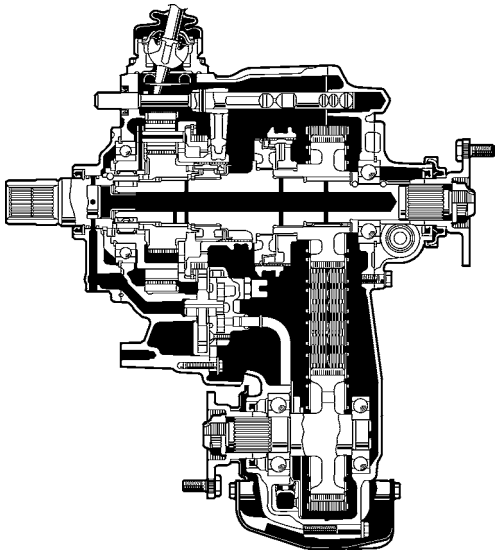
0240CH74C

A750F Automatic Transmission

Transfer (4WD Models)

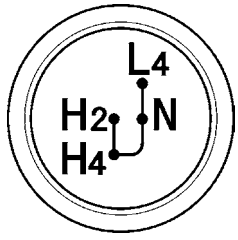
		Type	VF2A (Part-time)	VF4B (Full-time)
Combination with Transmission			A750F AT	RA61F MT
Gear Ratio	H2/H and H4/HL		1.000	1.000
	L4/LL		2.566	2.566
Center Differential Type			-	TORSEN*1 LSD
A.D.D.*2			With	-

*1: TORSEN is JTEKT CORPORATION's registered trademark.
*2: Automatic Disconnecting Differential



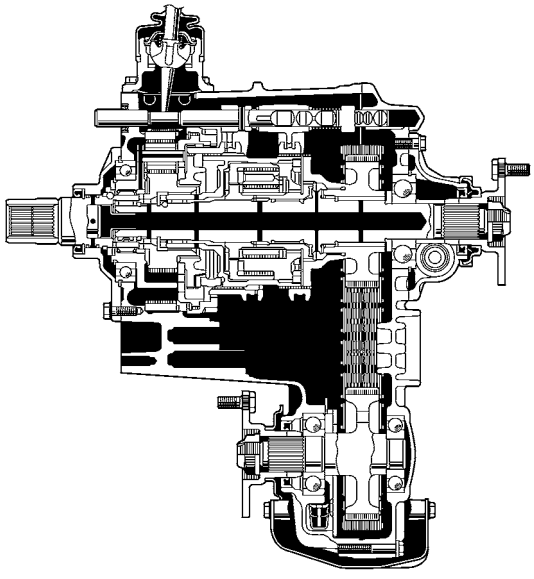
0240MO35C

VF2A (Part-time)



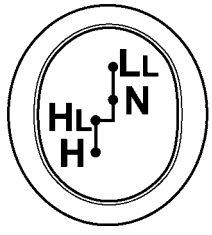
0240MO26C

Shift Pattern



233CH23

VF4B (Full-time)



233CH24

Shift Pattern