5. 1BZ-FPE Engine

A heated oxygen sensor is added to rearward of the catalytic converter.

6. Clutch

On the newly introduced 2TR-FE engine models, the following clutch system is provided.

▶ Specifications ◀

Engine Type			2TR-FE
Transmission Type			M156
Clutch	Type		Dry Type Single Plate Clutch, Diaphragm Spring
	Operation		Hydraulic
Clutch Cover	Type		DST*1
	Size	mm (in.)	260 (10.24)
Clutch Disc	Facing Size*2	mm (in.)	250 × 160 × 3.5 (9.84 × 6.30 × 0.14)
	Facing Area	cm^2 ($in.^2$)	289.8 (44.92)
Master Cylinder	Type		Conventional
	Cylinder Diameter	mm (in.)	15.87 (0.52)
Release Cylinder	Type		Non-adjustable
	Cylinder Diameter	mm (in.)	22.2 (0.87)

*1: DST (Diaphragm Spring Turnover)
*2: Outer Diameter × Inner Diameter × Thickness

7. Manual Transmission

On the newly introduced 2TR-FE engine models, the M156 5-speed manual transmission is provided, which is used on the previous models.

▶ Specifications ◀

Transmission Type		M156
Engine Type		2TR-FE
Gear Ratio	1st	5.657
	2nd	2.818
	3rd	1.687
	4th	1.000
	5th	0.835
	Reverse	5.657
Oil Capacity	Liters (US qts, Imp. qts)	3.2 (3.4, 2.8)
Oil Viscosity		SAE 75W-90
Oil Grade		API GL-4 or GL-5

8. Automatic Transmission

On the N04C-TQ engine models for Australia and Hong Kong, the A444E 4-speed automatic transmission is used. For details see page 70.