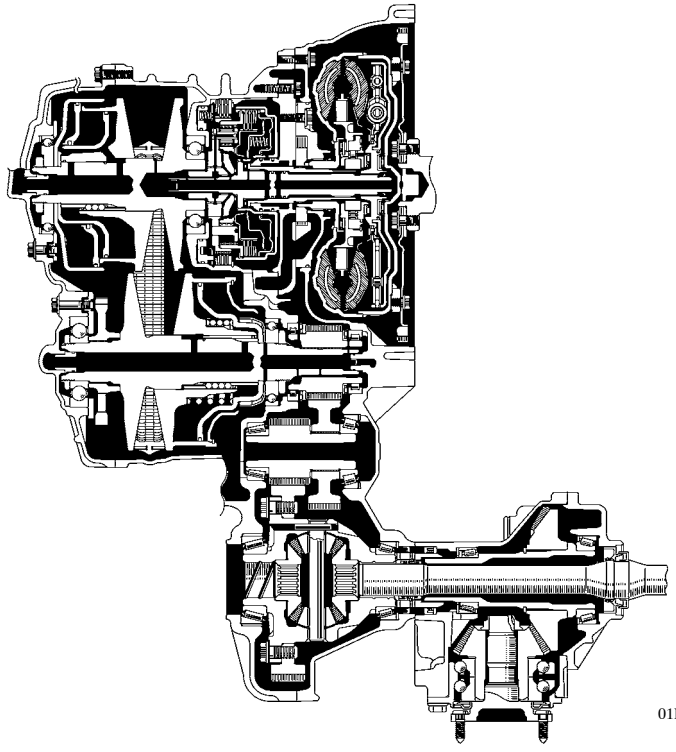
K111F CONTINUOUSLY VARIABLE TRANSMISSION

■ DESCRIPTION

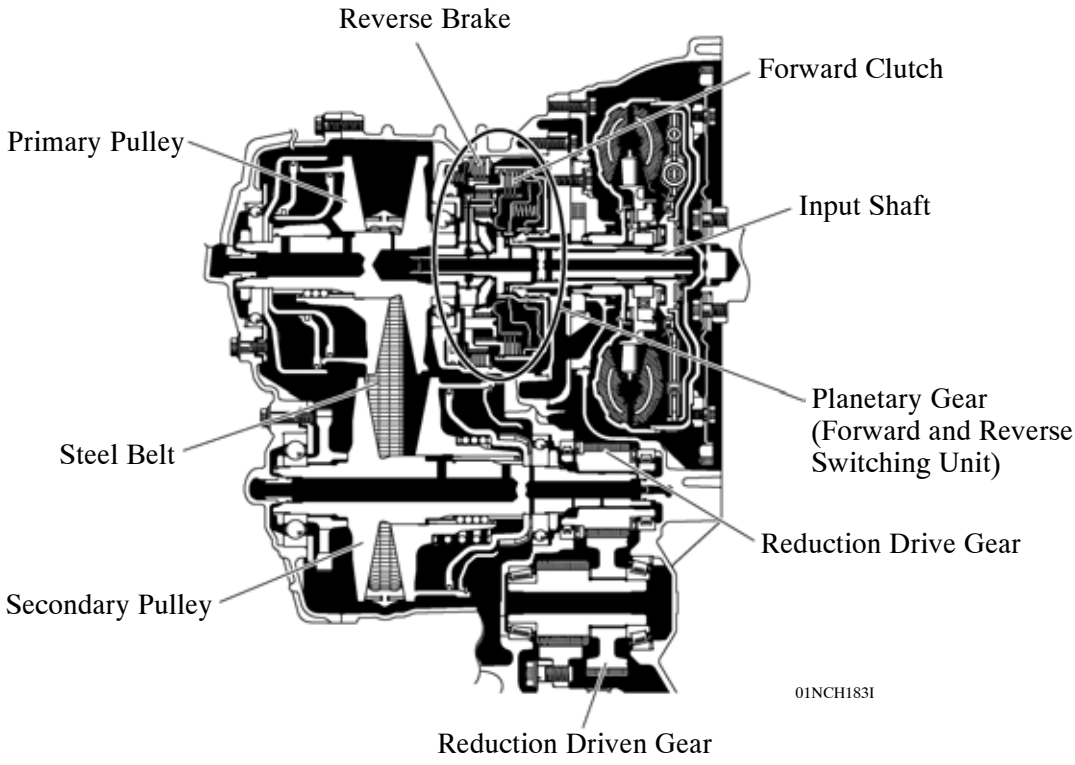
- The K111F Continuously Variable Transmission (CVT) is used on the models with 3ZR-FAE engine.
- 2 pulleys and a steel belt are used for the shift mechanism, and a single pinion type planetary gear is used for the forward and reverse switching unit on the K111F CVT. Each operation is performed using the electrically controlled oil pressure, thus achieving fuel economy and a smooth driving feel.
- A pattern select switch is provided to select the driving mode (Normal and Sport). In Sport mode, a higher level of responsiveness and a linear acceleration feel have been achieved.
- A 7-speed sequential shiftmatic system is used.
- A transmission shift switch is used.



01NCH140Y

▶ Specifications ◀

CVT Type		K111F
Engine Type		3ZR-FAE
Pulley Ratio	Forward	2.396 – 0.428
	Reverse	1.668
Differential Gear Ratio		5.791
Fluid Capacity		9.0 Liters (9.5 US qts, 7.9 Imp. qts)
Fluid Type		Toyota Genuine CVT Fluid TC
Weight (Reference)		89.0 kg (195.8 lb)



▶ Specifications ◀

Planetary Gear	No. of Sun Gear Teeth	71
	No. of Pinion Gear Teeth	16
	No. of Ring Gear Teeth	102
Reduction Gear	No. of Drive Gear Teeth	26
	No. of Driven Gear Teeth	40
Forward Clutch	No. of Discs	3
Reverse Brake	No. of Discs	3