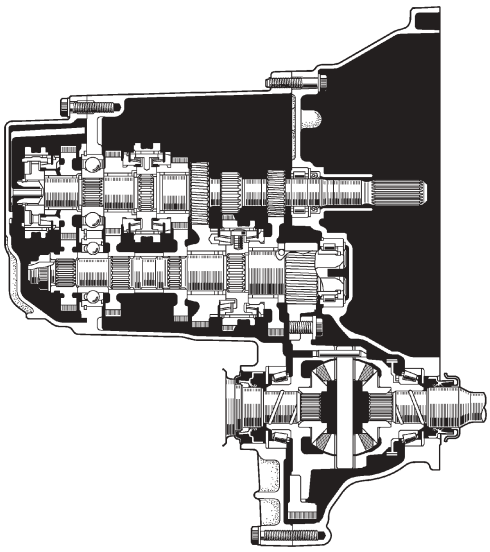
MANUAL TRANSAXLE

■ DESCRIPTION

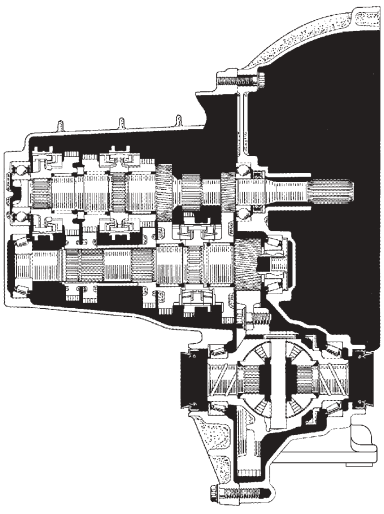
- The new model uses 3 types (C53, C54, C551) of manual transaxle.
- C53A multi-mode manual transmission and C551A multi-mode manual transmission are provided on the TMMF models. For details on the multi-mode manual transmission system, see page CH-10.
- The manual transaxles have been changed as shown below in order to realize easy, smooth and accurate shift operations.

Transaxle Type	Outline
C53 C54	● A double-cone type synchromesh mechanism is used for the 2nd gear. ● A shift guide mechanism is used. ● An excellent shift feel has been achieved through the adoption of the mass damper on the shift & select shaft, and sliding ball bearing.
C551	● A double-cone type synchromesh mechanism is used for the 1st and 2nd gears. ● A shift guide mechanism is used. ● An excellent shift feel has been achieved through the adoption of the mass damper on the shift & select shaft.



00SCH12Y

C53 Manual Transaxle



00SCH101Y

C551 Manual Transaxle

▶ Specifications ◀

Transaxle Type		C53	C54	C551
Engine Type		1ND-TV	1NZ-FE 2NZ-FE	2SZ-FE 1KR-FE
Gear Ratio	1st	3.545	←	←
	2nd	1.904	←	1.913
	3rd	1.310	←	←
	4th	0.969	1.031	1.027
	5th	0.725	0.864	0.850
	Reverse	3.250	←	3.214
Differential Gear Ratio		3.526	3.722*1 3.941*2 4.312*3	4.055*4 4.411*5
Oil Capacity	Liters (US qts, Imp. qts)	1.9 (2.0, 1.7)	←	1.7 (1.8, 1.5)
Oil Viscosity		SAE 75W	SAE 75W-90	SAE 75W
Oil Grade		API GL-4	API GL-4	API GL-4
Weight (Reference)*6	kg (lb)	39.2 (86.2)	←	28.2 (62.2)

*1: Only for 1NZ-FE Engine Model
*2: Only for 2NZ-FE Engine Model
*3: Option (for Leaded Gasoline 2NZ-FE Engine Model)
*4: Only for 2SZ-FE Engine Model
*5: Only for 1KR-FE Engine Model
*6: Weight shows the figure with the fluid fully filled.