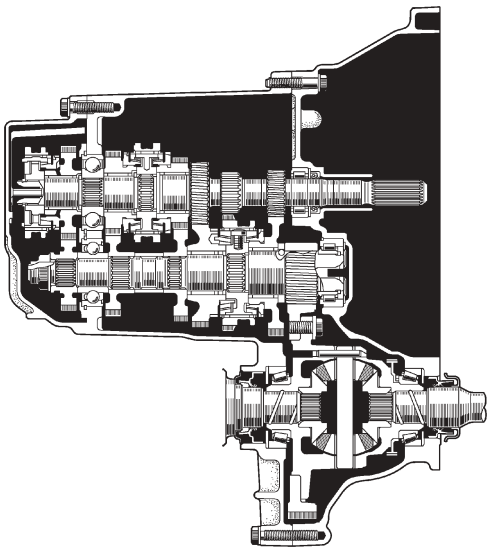
# MANUAL TRANSAXLE

## ■ DESCRIPTION

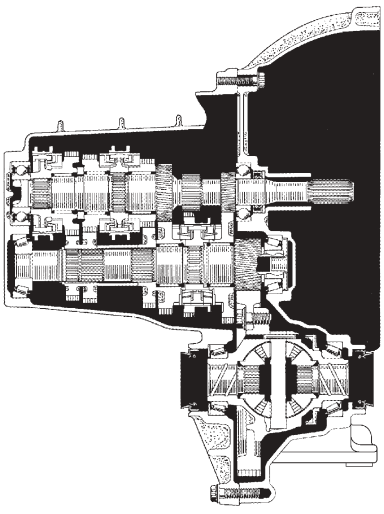
- The new model uses 3 types (C53, C54, C551) of manual transaxle.
- C53A multi-mode manual transmission and C551A multi-mode manual transmission are provided on the TMMF models. For details on the multi-mode manual transmission system, see page CH-10.
- The manual transaxles have been changed as shown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

| Transaxle Type | Outline |
|---|---|
| C53<br>C54 | ● A double-cone type synchromesh mechanism is used for the 2nd gear.<br>● A shift guide mechanism is used.<br>● 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.<br>● A shift guide mechanism is used.<br>● 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<br>2NZ-FE | 2SZ-FE<br>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<br>3.941*2<br>4.312*3 | 4.055*4<br>4.411*5 |
| Oil Capacity | Liters<br>(US qts, Imp. qts) | 1.9<br>(2.0, 1.7) | ← | 1.7<br>(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.