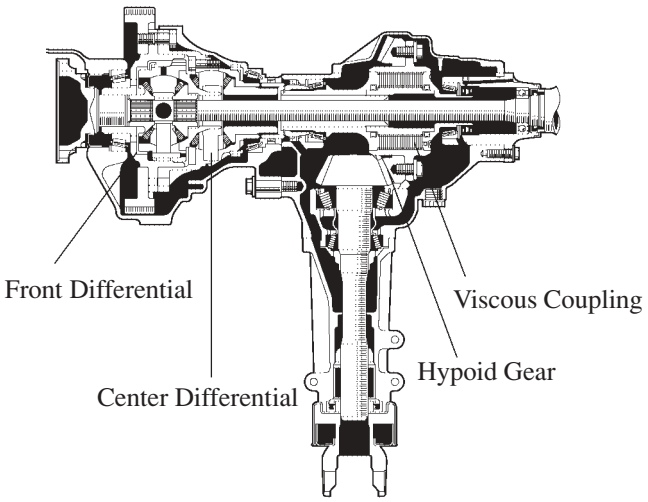
■TRANSFER

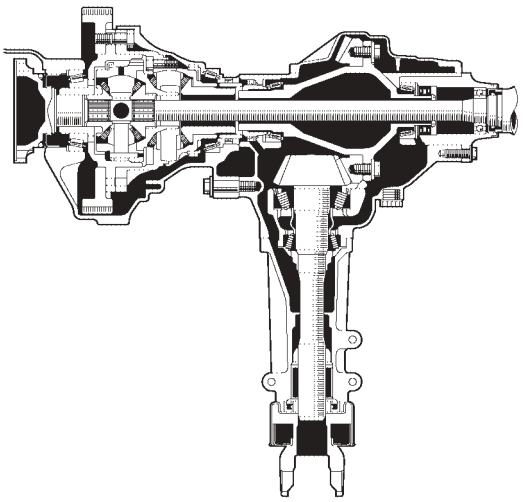
1. General

The center differential section has the center differential positioned next to the front differential, both of which are bevel gears. The differential assembly is integrated with the transaxle.

- Models without VSC use a viscous coupling type LSD, which is integrated with the hypoid gear mount case and built into the transfer side.
  Models with VSC use a system whereby operation is limited by VSC control, making the transfer construction simple.
- The transfer is provided with an independent lubrication system, which operates with dedicated oil, without using ATF. The front and center differentials are lubricated with ATF.



without VSC model

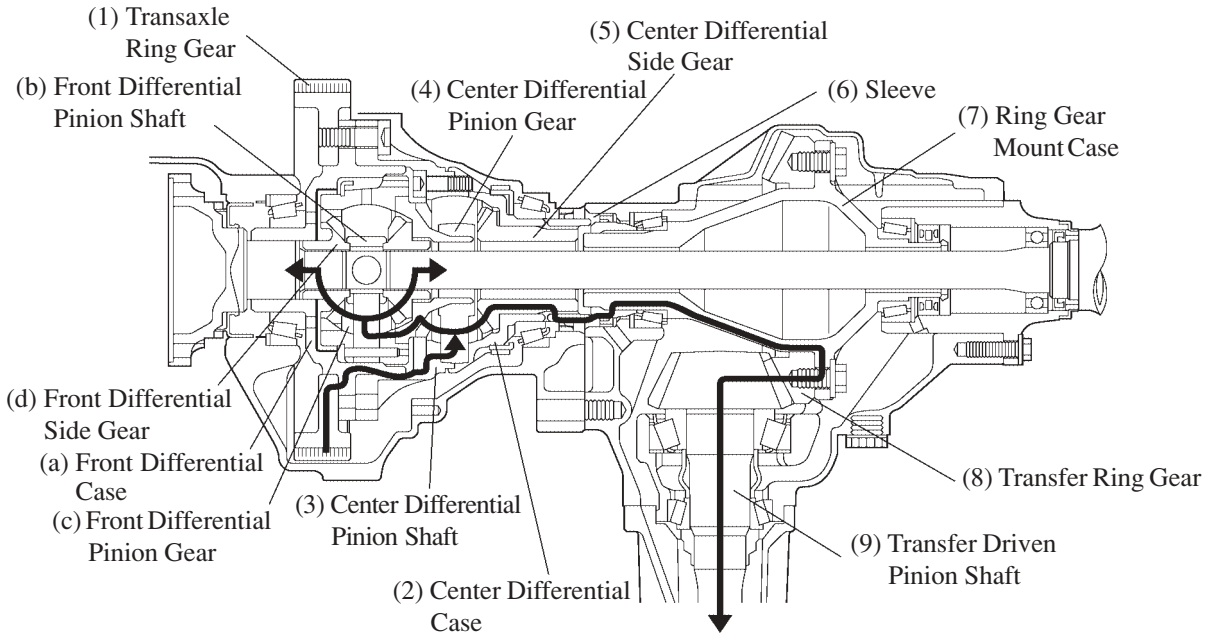


with VSC model

D012CH08

2. Motive Force Transmission Path

The path through which the motive force is transmitted in this transaxle is illustrated below. After the output of the engine has been modified through the transaxle gears, it is distributed to the front and rear drive wheels by the center differential. The motive force is then transmitted to each wheel by the front and rear differentials.



▶ Torque Flow ◀

Transaxle → (1) → (2) → (3) → (4) → (5) → (6) → (7) → (8) → (9) → Propeller Shaft
(4) → (5) → (a) → (b) → (c) → (d) → Front Drive Shaft

*: This torque flow remains the same regardless of whether there is a viscous coupling or not.