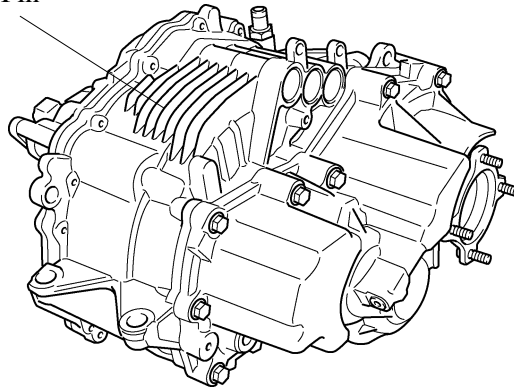


■ TRANSAXLE UNIT

1. General

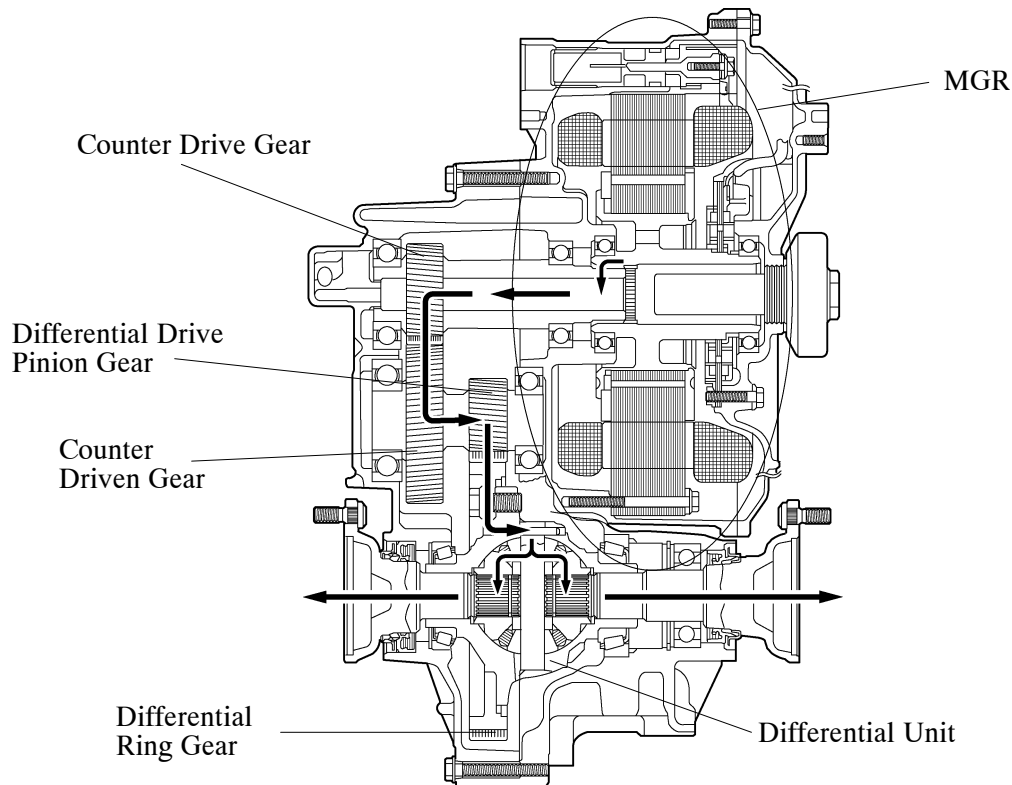
- This transaxle has a three-shaft configuration. MGR and the counter drive gear are provided on the main shaft. The counter driven gear and the differential drive pinion gear are provided on the second shaft. The differential ring gear and the differential gear unit are provided on the third shaft.
- This transaxle transfers the motive force of MGR to the counter drive gear, counter driven gear, differential drive pinion gear, differential ring gear, and differential gear unit, in order to drive the rear wheels.
- The transaxle case and cover are made of aluminum. The shape of the case and the shape of the ribs have been optimized to achieve a highly rigid and lightweight construction. Furthermore, cooling fins have been provided on top of the transaxle case to improve cooling performance.

Cooling Fin



277CH11

CH



Motive Force Transmission Path

277CH12

2. MGR

MGR, which is mounted on the main shaft, directly drives the counter drive gear.

For detailed characteristics of MGR, refer to MG1, MG2 and MGR in THS-II, on page TH-27.

Service Tip

Do not disassemble MGR because it is a precision component. If a malfunction is found, replace it as a rear transaxle assembly.

3. Differential Gear Unit

For the differential gear unit, a 2-pinion type that is similar to the differential unit of the conventional transaxle is used.

4. Transaxle Mount

The transaxle mount consists of two points at the front, which are supported by the rear motor support, and one point at the rear, which is supported by a mount that is press-fit into the sub-frame.

