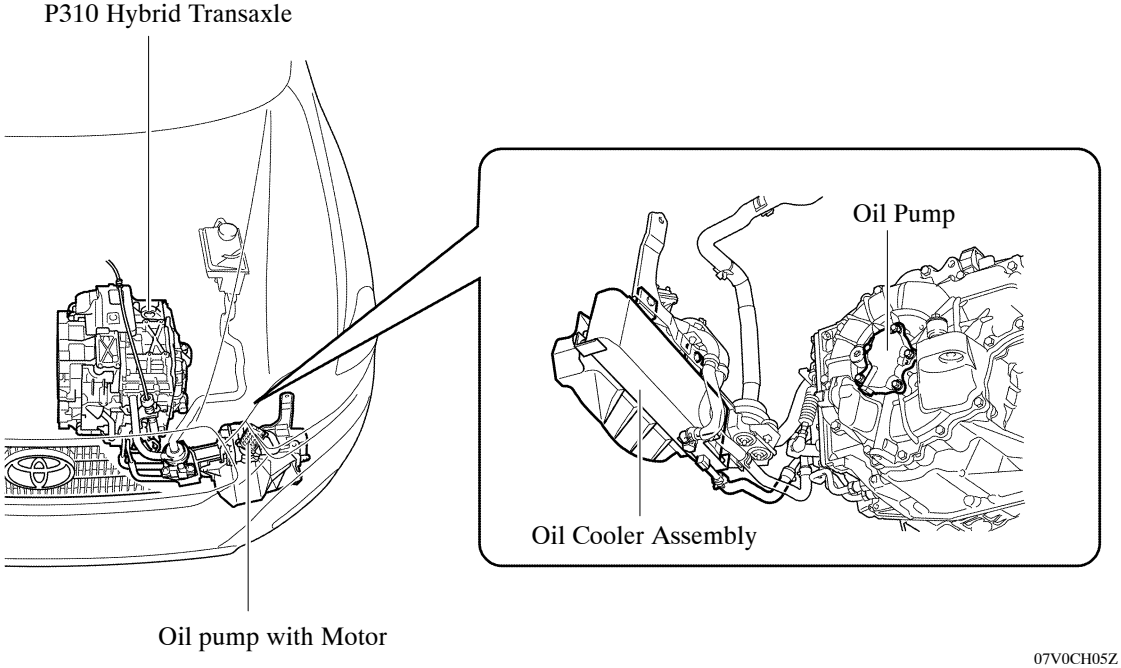
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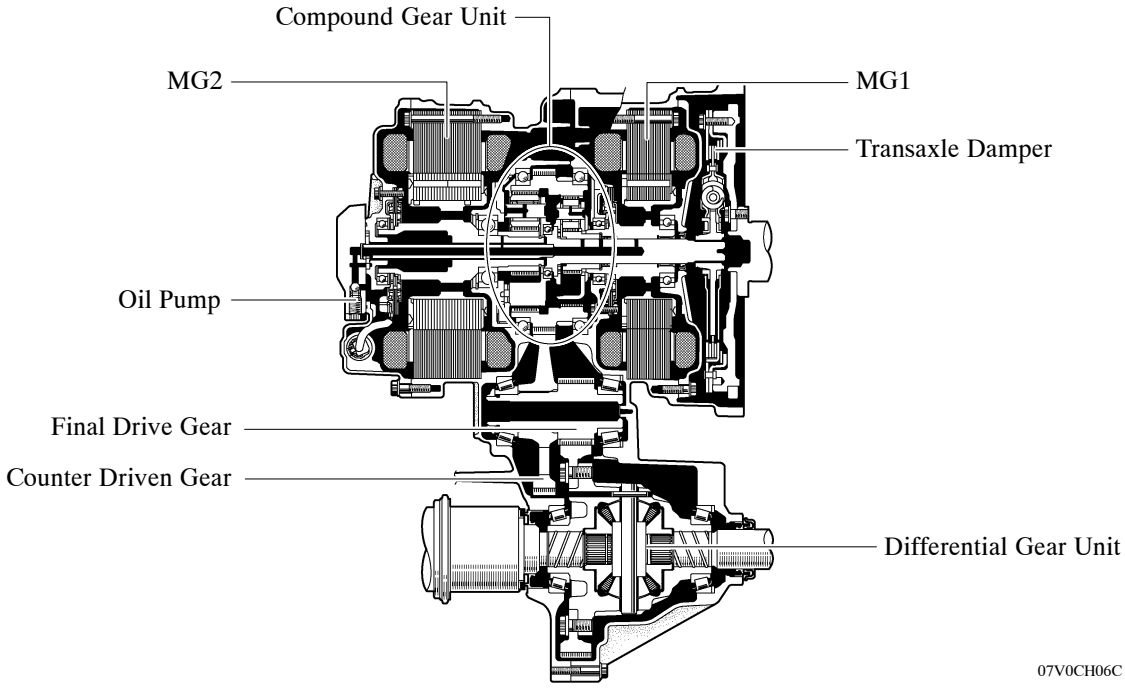
P310 HYBRID TRANSAXLE

■ DESCRIPTION

The P310 hybrid transaxle consists of the following items to achieve smooth and quiet operation.

Items	Function
MG1 (Motor Generator 1) (See page HV-16)	Generates electrical power
MG2 (Motor Generator 2) (See page HV-16)	Drives the vehicle
Compound Gear Unit	• Continuously changes the transmission ratio • Transmits the motive force
Transaxle Damper	Absorbs the torque fluctuation in the drive force of the engine
Counter Gear and Final Gear	Reduces gear speed for final drive
Differential Gear Unit	Transmits motive force to the left and right wheels
Oil Pump and Oil Pump with Motor	Lubricates MG1, MG2, and gears
Oil Cooler Assembly	Cools the ATF





The P310 hybrid transaxle has a 3-shaft configuration.

- The transaxle damper, compound gear unit, counter drive gear, MG1, MG2, and oil pump are mounted either coaxially or on the main shaft.
- The counter driven gear and final drive gear are part of the 2nd shaft.
- The final driven gear and differential gear unit make up the 3rd shaft.

