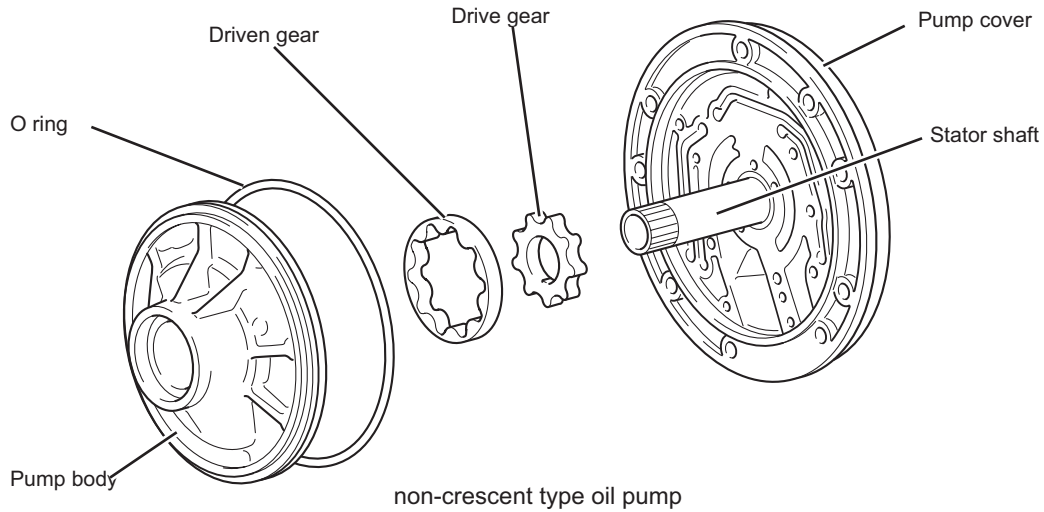


Oil Pump

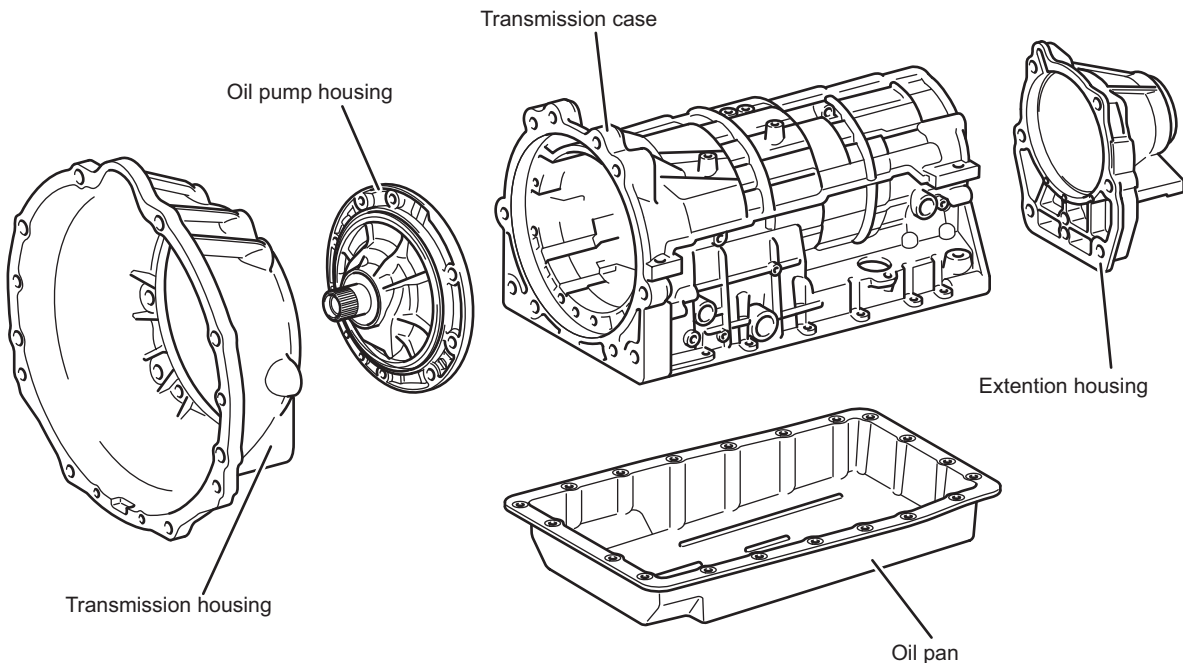
- A non-crescent type oil pump is used. The non-crescent type oil pump has been made compact and lightweight due to the discontinued use of the crescent gears. Also, the volumetric efficiency of the pump at low speeds has been improved, and its drive torque has been reduced.
- A pump cover made of aluminum alloy is used. As a result, an approximate weight reduction of 40% has been realized as compared to the ordinary oil pump made of cast iron.



A4270329P

Housing

- A transmission housing, transmission case, and extension housing made of aluminum alloy are used for weight reduction. Through FEM (finite element method) analysis, efficient allocation of ribs and optimal shaping of the case have been achieved, thus ensuring weight reduction and rigidity.



A4270355P