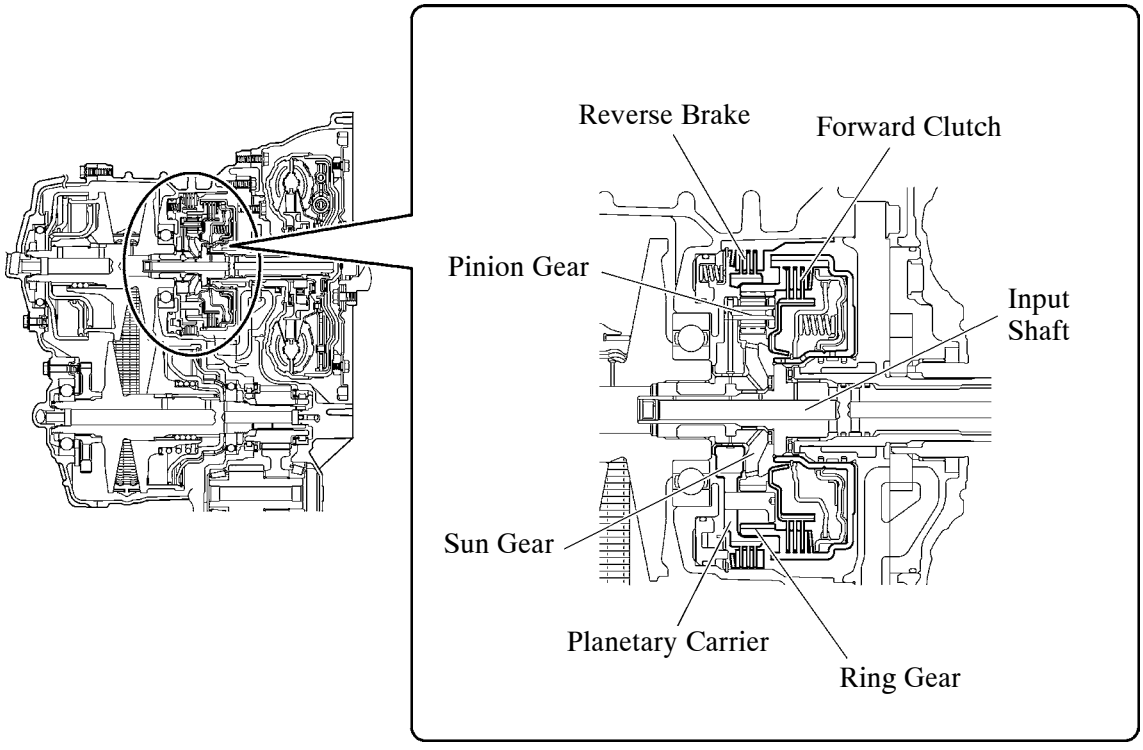
■ FORWARD AND REVERSE SWITCHING UNIT

1. General

- The forward and reverse switching unit consists of a planetary gear, a forward clutch, and a reverse brake.
- The forward clutch, which acts during a forward movement, connects the input shaft with the sun gear.
- The reverse brake, which acts during a reverse movement, keeps the planetary carrier stationary.

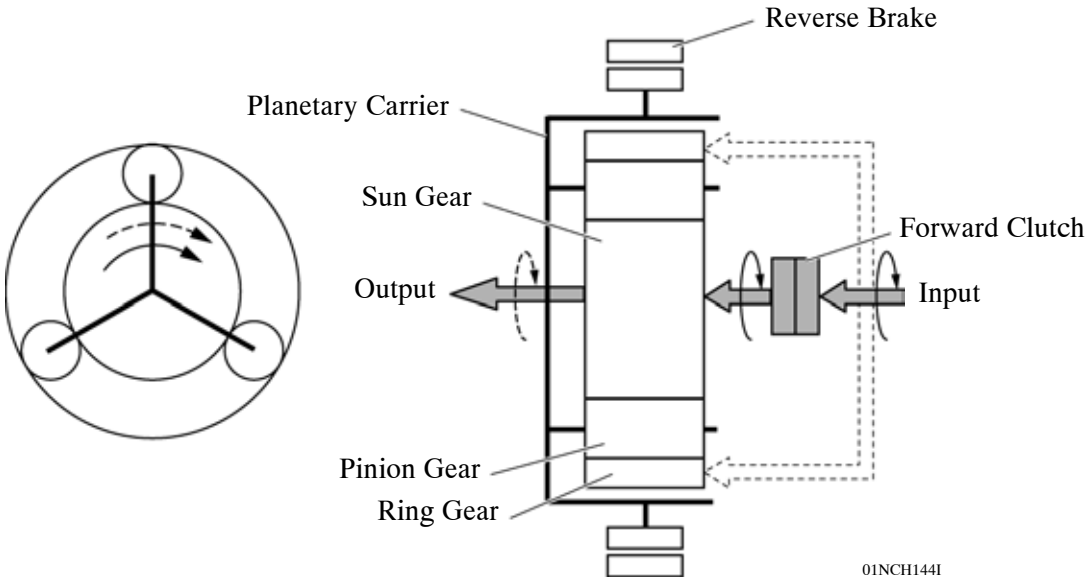


Forward and Reverse Switching Unit

01NCH143I

2. Forward Driving

During a forward movement, the forward clutch becomes engaged, causing the engine torque to be input from the input shaft to the sun gear, and output to the primary pulley.



3. Reverse Driving

During a reverse movement, the engine torque is input to the ring gear. Then, the engine torque is input to the sun gear via the pinion gear (which is stopped from revolving by the reverse brake). Consequently, the engine torque rotates in reverse and is output to the primary pulley.

