

ABSTRACT

AUTOMATIC TRANSMISSION

An automatic transmission (3) includes a main transmission (20) and an auxiliary transmission (30). The auxiliary transmission (30) includes an auxiliary-transmission-side planetary gear mechanism (PU4), a first clutch (D1), and a second clutch (D2). The auxiliary-transmission-side planetary gear mechanism (PU4) is provided between a pair of main-transmission-side planetary gear mechanisms, and a part of the auxiliary-transmission-side planetary gear mechanism (PU4) is located within the main transmission (20). The first clutch (D1) fixes rotation of a sun gear (S4) of the auxiliary-transmission-side planetary gear mechanism (PU4). The second clutch (D2) connects a ring gear (R4) of the auxiliary-transmission-side planetary gear mechanism (PU4) with the sun gear (S4).

Selected drawing: FIG. 1