

## SENSOR SYSTEMS

### AUTOMATIC TRANSMISSION

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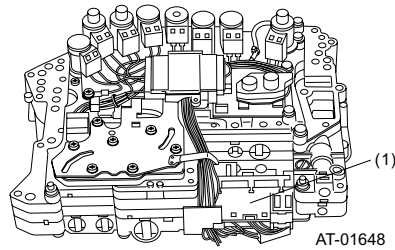
#### E: INHIBITOR SWITCH

The inhibitor switch is installed in the control valve and is connected to the TCM with 4 signal lines. The TCM uses this signal to detect range positions and to perform various controls. Relation between signals from the 4 lines (INH1 to 4) and range positions are as shown below:

	INH1	INH2	INH3	INH4
P				
R	○			○
N	○	○		
D	○	○	○	○

When the range position is detected as P or N as shown above, the TCM sends a signal (PN signal) allowing operation of the starter. On the other hand, in R or D range, starter operation is inhibited to ensure safety.

Additionally, when the range position is detected as R, the TCM turns the backup light relay output to ON and lets the backup lights illuminate.



(1) Inhibitor switch