
MULTIPLEX COMMUNICATION SYSTEM

id100000001400

- A controller area network (CAN) system has been adopted in which multiplex communication is performed using a single communication path.
- A high-speed controller area network (HS-CAN) has been adopted for the communication between the following modules:
 - PCM
 - DSC HU/CM
 - TCM (ATX vehicles)
 - AFS control module (with AFS system)
 - Front body control module (FBCM)
 - 4WD control module (4WD vehicles)
 - Laser sensor (with smart city brake support system)
 - Forward sensing camera (with hi-beam control (HBC) system)
 - Start stop unit
 - EPS control module
 - SAS control module
 - Instrument cluster
- A mid-speed controller area network (MS-CAN) has been adopted for the communication between the following modules:
 - Rear body control module (RBCM)
 - Rear mount camera (with rear mount camera)
 - BSM control module (LH) (with BSM system)
 - Rear vehicle monitoring control module (RH) (with rear vehicle monitoring system)
 - BSM control module (RH) (with BSM system)
 - Parking sensor control module (with parking sensor system)
 - Climate control unit (with full-auto air conditioner)
 - Clock (with manual air conditioner)
 - Audio unit (with audio unit (color LCD))
 - Instrument cluster