

## System Outline

The multiplex communication system communicates among the body ECU, double door lock ECU and controls the following systems according to the signals from respective sensors or switches.

### Multiplex Communication System Includes Following Systems

- \* Automatic Light Control
- \* Door Lock Control
- \* Double Locking
- \* Headlight
- \* Interior Light
- \* Key Reminder
- \* Light Auto Turn Off
- \* Wireless Door Lock Control

## Service Hints

### Body ECU

- 9—Ground : Approx. 12 volts with ignition SW at ON or ST position
- 12, 24—Ground : Always continuity
- 1—Ground : Always approx. 12 volts

## ○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
A32	50 (RHD)	D13	52 (RHD)	J6	B 51 (RHD)
B5	A 50 (RHD)	D14	52 (RHD)	J7	A 51 (RHD)
B6	B 50 (RHD)	D15	52 (RHD)	J8	B 51 (RHD)
B7	C 50 (RHD)	H5	46 (RHD 1MZ—FE)	J11	52 (RHD)
C7	A 50 (RHD)		48 (*2)	J12	51 (RHD)
C8	B 50 (RHD)	H6	46 (RHD 1MZ—FE)	J13	51 (RHD)
C11	50 (RHD)		48 (*2)	L4	53 (RHD)
D3	50 (RHD)	H7	46 (RHD 1MZ—FE)	L5	53 (RHD)
D4	50 (RHD)		48 (*2)	M4	53 (RHD)
D5	52 (RHD)	H8	46 (RHD 1MZ—FE)	N4	53 (RHD)
D6	52 (RHD)		48 (*2)	T5	51 (RHD)
D7	52 (RHD)	I13	51 (RHD)	U1	51 (RHD)
D8	52 (RHD)	I14	51 (RHD)	V7	53 (RHD)
D9	52 (RHD)	I17	52 (RHD)	V8	53 (RHD)
D10	52 (RHD)	J4	51 (RHD)		
D11	52 (RHD)	J5	A 51 (RHD)		

\* 2 : RHD 2AZ—FE, 1AZ—FE

## ○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Left)

## Multiplex Communication System (RHD)



### : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	25	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1C		
1E		
1F		
1H		
2A	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2B		
2C		
2E	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2F		
2G		
2H	28	Floor Wire and Driver Side J/B (Lower Finish Panel)
2K		
2M	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2N		
2P		
2Q		
2R		
2S		
3A	35 (RHD)	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace LH)
3B		



### : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	72 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IB2		
IC2	72 (RHD)	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IC3	72 (RHD)	Instrument Panel Wire and Floor MWire (Right Kick Panel)
IE1	72 (RHD)	Instrument Panel Wire and Roof Wire (Inside of Front Right Pillar)
IF3	72 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of Steering Column Tube)
IL2	74 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IM3	74 (RHD)	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IM4		
IN1	74 (RHD)	Front Door RH Wire and Floor Wire (Right Kick Panel)
BA1	76 (RHD)	Rear Door LH Wire and Floor No.2 Wire (Left Center Pillar)
BB1	76 (RHD)	Rear Door RH Wire and Floor Wire (Right Center Pillar)

**: Ground Points**

Code	See Page	Ground Points Location
EB	68 (RHD 1MZ-FE)	Right Fender
	70 (*2)	
EC	68 (RHD 1MZ-FE)	Left Fender
	70 (*2)	
II	72 (RHD)	Instrument Panel Reinforcement LH
IJ	72 (RHD)	
IK	72 (RHD)	Instrument Panel Brace LH
IM	72 (RHD)	Instrument Panel Brace RH
IN	72 (RHD)	Instrument Panel Reinforcement RH
BO	76 (RHD)	Under the Front Passenger's Seat
BP	76 (RHD)	Under the Driver's Seat
BQ	76 (RHD)	Front Side of Rear Quarter Wheel House LH
BR	76 (RHD)	Front Side of Rear Quarter Wheel House RH

\* 2 : RHD 2AZ-FE, 1AZ-FE

**: Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B1	76 (RHD)	Roof Wire	B12	76 (RHD)	Rear Door LH Wire
B2	76 (RHD)	Front Door LH Wire	B13	76 (RHD)	Rear Door RH Wire
B3	76 (RHD)	Front Door RH Wire	B16	76 (RHD)	Floor Wire
B5	76 (RHD)	Floor Wire			