

## System Outline

### Push Button Start System (Multi-mode Manual Transmission)

This is a system to start engine by pushing engine start/stop SW with shift position at N and brake depressed after inserting the electrical key into the key slot.

#### \* Basic operation

When engine start/stop SW is pushed with shift position at N and without brake depressed, the power supply mode changes by the pushing as follows; OFF position to ACC ON position to IG ON position to OFF position to ACC ON position.

Engine starts when engine start/stop SW is pushed with shift position at N and with brake depressed. If engine start/stop SW is pushed under vehicle's stationary condition with engine running, the power supply is changed to OFF position.

### Push Button Start System (M/T)

This is a system to start engine by pushing engine start/stop SW with the clutch pedal depressed after inserting the electrical key into the key slot.

#### \* Basic operation

When engine start/stop SW is pushed without the clutch pedal depressed, the power supply mode changes by the pushing as follows; OFF position to ACC ON position to IG ON position to OFF position to ACC ON position.

Engine starts when engine start/stop SW is pushed with the clutch pedal depressed. If engine start/stop SW is pushed under vehicle's stationary condition with engine running, the power supply mode is changed to OFF position.

## Service Hints

### I8 Ignition Control ECU

12, 33-Ground : Always approx. 12 volts

34, 35-Ground : Approx. 12 volts with the engine start/stop SW at IG ON position

11-Ground : Approx. 12 volts with the engine start/stop SW at ACC ON or IG ON position

6-Ground : Always continuity

1-Ground : Approx. 12 volts with the brake pedal depressed

## ○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B8	A	54 (RHD)	J12	B	55 (RHD)
C13		54 (RHD)	J17	A	55 (RHD)
C14		54 (RHD)	J18	B	55 (RHD)
E4	A	55 (RHD)	J19		55 (RHD)
E5	B	55 (RHD)	J20		55 (RHD)
E6	C	55 (RHD)	J22		55 (RHD)
E7	D	55 (RHD)	J23		55 (RHD)
E8		55 (RHD)	J27		55 (RHD)
H10		55 (RHD)	J28		55 (RHD)
I8		55 (RHD)	K2	A	56 (RHD)
J7	A	55 (RHD)	K3	B	56 (RHD)
J8	B	55 (RHD)	M1		56 (RHD)
J11	A	55 (RHD)	N1		51 (*3)
				S5	A
					51 (*3)
					53 (*4)
					51 (*3)
					53 (*4)
				S8	A
					51 (*3)
					53 (*4)
				S9	B
					51 (*3)
					53 (*4)
				S14	
					57 (RHD)
				S17	
					57 (RHD)
				T16	
					57 (RHD)

## ○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	24 (*5) 25 (*6)	Engine Room R/B No.1 (Engine Compartment Left)
3	26	Engine Room R/B No.3 (Left Side of the Suspension Tower)
4	27	Engine Room R/B No.4 (Left Side of the Suspension Tower)
5	28	Fuse Block (Lower Finish Panel)
6	29	R/B No.6 (Instrument Panel Center)
7	30	R/B No.7 (Instrument Panel Center)

\* 1 : LHD 1ZZ-FE, 3ZZ-FE   \* 2 : LHD 1CD-FTV   \* 3 : RHD 1ZZ-FE, 3ZZ-FE   \* 4 : RHD 1CD-FTV   \* 5 : 1ZZ-FE, 3ZZ-FE   \* 6 : 1CD-FTV

# Push Button Start, Engine Immobilizer and Steering Lock (RHD)



## : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
4D	27	Engine Room Main Wire and Engine Room J/B No.4 (Left Side of the Suspension Tower)
CA	36 (RHD)	Instrument Panel Wire and Center J/B (Instrument Panel Reinforcement RH)
CB		
CC		
CF		
CH	37 (RHD)	
CI		
CJ		
DA	32	Instrument Panel Wire and Instrument Panel J/B (Left Side of the Instrument Panel)
DB		
DH		
DJ		
DN	33	Engine Room Main Wire and Instrument Panel J/B (Left Side of the Instrument Panel)



## : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EE1	72 (*4)	Engine Wire and Engine Room Main Wire (Left Side of the Suspension Tower)
IA1	74 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of the Instrument Panel)
IA2		
IA8		
IA9		
IA10		
IE2	74 (RHD)	Instrument Panel Wire and Floor Wire (Left Kick Panel)
IJ1	76 (RHD)	Engine Wire and Instrument Panel Wire (Behind the Glove Box)
IJ2		
IO1	76 (RHD)	Instrument Panel Wire and Switch Wire (Right Side of the Instrument Panel)



## : Ground Points

Code	See Page	Ground Points Location
ED	70 (*3)	Engine Compartment Left
II	74 (RHD)	Left Kick Panel
IJ	74 (RHD)	Behind the Combination Meter
IM	74 (RHD)	Right Kick Panel



## : Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I3	76 (RHD)	Instrument Panel Wire	I9	76 (RHD)	Engine Wire

\* 1 : LHD 1ZZ-FE, 3ZZ-FE    \* 2 : LHD 1CD-FTV    \* 3 : RHD 1ZZ-FE, 3ZZ-FE    \* 4 : RHD 1CD-FTV    \* 5 : 1ZZ-FE, 3ZZ-FE    \* 6 : 1CD-FTV

