

# Headlight

## System Outline

### Daytime Running Light Operation

When the engine is started, a signal from the alternator is input into TERMINAL (B) 18 of the body ECU. At this time, if the parking brake pedal is depressed (Parking brake SW ON), the body ECU is not activated, and the daytime running light system does not operate.

When the parking brake pedal is released (Parking brake SW OFF), a signal is input into TERMINAL 18 of the body ECU. This activates the body ECU and the headlight turns on.

## 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
A16		36 (LHD 1MZ–FE)	C11	50 (RHD)	H7	46 (RHD 1MZ–FE)
		38 (*1)		36 (LHD 1MZ–FE)		48 (*2)
B5	A	40 (LHD)	H5	38 (*1)	H8	36 (LHD 1MZ–FE)
		50 (RHD)		46 (RHD 1MZ–FE)		38 (*1)
B6	B	40 (LHD)		48 (*2)		46 (RHD 1MZ–FE)
		50 (RHD)		36 (LHD 1MZ–FE)		48 (*2)
C7	A	40 (LHD)	H6	38 (*1)	J4	41 (LHD)
		50 (RHD)		46 (RHD 1MZ–FE)		51 (RHD)
C8	B	40 (LHD)		48 (*2)	J12	41 (LHD)
		50 (RHD)		36 (LHD 1MZ–FE)		51 (RHD)
C11		40 (LHD)	H7	38 (*1)		

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

\* 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)

## ○ : 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		
2F	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
2G		
2L	29	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
2N		
2R		
3B	34 (LHD)	Instrument Panel Wire and Passenger Side J/B (Instrument Panel Brace RH)

## □ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IF3	60 (LHD)	Engine Room Main Wire and Instrument Panel Wire (Right Side of Steering Column Tube)
	72 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Left Side of Steering Column Tube)
IK2	62 (LHD)	Engine Wire and Instrument Panel Wire (Behind the Glove Box)

**: Ground Points**

Code	See Page	Ground Points Location
EB	56 (LHD 1MZ-FE)	Right Fender
	58 (*1)	
	68 (RHD 1MZ-FE)	
	70 (*2)	
EC	56 (LHD 1MZ-FE)	Left Fender
	58 (*1)	
	68 (RHD 1MZ-FE)	
	70 (*2)	
II	60 (LHD)	Cowl Side Panel LH
IJ	60 (LHD)	Instrument Panel Brace LH
IK	60 (LHD)	Instrument Panel Brace LH
	72 (RHD)	
IM	72 (RHD)	Instrument Panel Brace RH
IN	72 (RHD)	Instrument Panel Reinforcement RH

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

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

**: Splice Points**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
E1	56 (LHD 1MZ-FE)	Engine Room Main Wire	E2	56 (LHD 1MZ-FE)	Engine Room Main Wire
	58 (*1)			58 (*1)	Engine Wire

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