



## System Outline

Driving mode is switched to H2 or H4 or L4 when the driver operates the transfer shift lever. Transfer indicator SW (4WD position) is turned on when the transfer shift lever is shifted in 4WD (H4 or L4).

### 1. 2-4 Select System

#### (1) Shifting from H4 to H2

When the transfer shift lever is changed from H4 to H2 position, transfer indicator SW (4WD position) detects OFF signal to activate the ADD motor, which results in changing the transfer to 2WD (H2 position).

At this time, the transfer indicator SW (4WD position) are off.

#### (2) Shifting from H2 to H4

When the transfer shift lever is changed from H2 to H4 position, transfer indicator SW (4WD position) detects ON signal to activate the ADD motor, which results in changing the transfer to 4WD (H4 position) to light up 4WD indicator.

#### (3) Shifting from H4 to L4

When the transfer shift lever is changed from H4 to L4 position, the shift fork shaft moves to change the transfer to 4WD (L4 position), which results in turning ON transfer indicator SW (L4 position). ADD motor does not operate since it is only the lever operation.

#### (4) Shifting from L4 to H4

When the transfer shift lever is changed from L4 to H4 position, the shift fork shaft moves. When transfer indicator SW (L4 position) is turned OFF, the transfer changes to 4WD (H4 position). ADD motor does not operate since it is only the lever operation.

### 2. Other Control

When abnormality is found in the 4WD system, the driver is warned by 4WD indicator light's flashing.

## Service Hints

### F14 4WD Control ECU

10-Ground : Approx. 12 volts with the ignition SW at ON position

5-Ground : Always continuity

### T3 Transfer Indicator SW (4WD Position)

2-1 : Closed with the transfer shift lever at H4 position

### T4 Transfer Indicator SW (L4 Position)

2-1 : Closed with the transfer shift lever at L4 position

## ○ : Parts Location

Code	See Page	Code	See Page	Code	See Page	
A3	36	J7	A	38	T3	37
C8	38	J8	B	38	T4	37
F14	39	J18		38	T5	37
I6	38	N1		37	T18	39
J6	38	S2		37		

## ○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	23	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
1F		
2A	28	Instrument Panel Wire and Driver Side J/B (Instrument Panel Brace RH)
2D		
2G	28	Engine Room Main Wire and Driver Side J/B (Instrument Panel Brace RH)
2S	29	Instrument Panel Wire and Driver 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)
EA1	46	Engine Wire and Engine Room Main Wire (Inside of Engine Room R/B and Engine Room J/B)
ID1	48	Engine Wire and Instrument Panel Wire (Behind the Glove Box)
ID2		

## 4WD

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: **Ground Points**

Code	See Page	Ground Points Location
EC	<a href="#">46</a>	Rear Side of the Cylinder Block