This manual contains information about the main changes in the 2004 Lancer Evolution VIII MR. It only covers those points that are different from the previous model. Therefore, when inspecting or repairing electrical parts, this manual should be used in conjunction with the related documents listed on the following pages, if necessary.

This manual contains various different types of wiring diagrams and circuit diagrams, but it should be remembered that these may not always coincide with the exact specifications of each individual vehicle. This manual is based on the vehicle specifications as of February 2004. Please note that future vehicles may not match the contents of this manual completely, due to changes in specifications, or the like.

The units shown in this manual are the standard international SI units. Conventional units are not included.

Any opinions, requests, or questions concerning this manual, should be written on the ‘Servicing Comments Form’ at the end, and sent to us by fax.

February 2004

MITSUBISHI MOTOR CORPORATION

This manual is printed on recycled paper.
Cautionary Note regarding servicing of vehicles fitted with SRS airbags and/or seatbelts with pre-tensioner systems.

1. Incorrect inspection or servicing of a component part of the SRS airbag system or seatbelt pre-tensioner system, or a part relating to these systems, may cause accidental operation (deployment) of the SRS airbag or seatbelt pre-tensioners, or may cause these systems to be disabled, leading in either case the risk of serious injury.

2. If parts may be affected by heat during painting operations, then those parts must be removed in advance. This applies to the SRS-ECU, airbag modules (driver’s seat and front passenger’s seat), clock springs, front impact sensors, side impact sensors, and pre-tensioner seatbelts.

   • 93°C or above : SRS-ECU, airbag modules (driver’s seat and front passenger’s seat), clock springs, front impact sensors, side impact sensors
   • 90°C or above : Pre-tensioner seatbelts

3. The component parts of the SRS airbag system or seatbelt pre-tensioner system, and parts relating to these systems, must always be inspected and serviced by a Mitsubishi dealer.

4. Service personnel must read the relevant service manuals (particularly, Section 52B – SRS Airbags) carefully and thoroughly, before inspecting or servicing the component parts of the SRS airbag system or seatbelt pre-tensioner system, and parts relating to these systems.
## SECTION 0

### GENERAL INFORMATION

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## VEHICLE IDENTIFICATION

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<th>Grade</th>
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<th>Transmission model</th>
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<tr>
<td>GH-CT9A</td>
<td>SNDFZ</td>
<td>○</td>
<td>RS</td>
<td>4G63 (2000 DOHC 16-valve intercooler turbo)</td>
<td>W5M51 (4WD, 5M/T)</td>
<td>MPI</td>
</tr>
<tr>
<td>SJDFZ</td>
<td>○</td>
<td>RS</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SJGFZ</td>
<td>○</td>
<td>GSR</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: ○ denotes a continued model

## IMPLEMENTATION CODE

GH-CT9A ; CT9A-0300001 ~

## DETAILS OF CHANGES

### Wiring diagrams

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<th>Connector Code</th>
<th>Name</th>
<th>Page</th>
<th>Details of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>B</td>
<td>Engine transmission</td>
<td>p.1-2</td>
<td>• Due to changes in the engine control system, the name of the wastegate solenoid valve (B-30) has been changed to “wastegate solenoid valve 1”, and an additional wastegate solenoid valve 2 (B-32) has been added.</td>
</tr>
</tbody>
</table>
| C              | Instrument panel  | p.1-4 | • The 4WD-ECU (C-37, 38) has been moved from the instrument panel harness to the control harness.  
• With the removal of the DVD-MMCS, the following connectors have been removed.  
• Multi-centre display (C-11, 12)  
• Navigation unit (C-47)  
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• With the removal of the DVD-MMCS, the following connectors have been removed.  
• Audio unit (C-102)  
• Hazard switch (C-105) |
| F              | Boot interior     | p.1-6 | • Spare connector (F-28) added.                                                                                                                                                                                          |

### Component installation positions

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<td>• With the addition of the wastegate solenoid valve 2, a new installation point has been provided.</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td>-</td>
<td>p.3-10</td>
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<tr>
<td></td>
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<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lighting</td>
<td>Interior lights, boot interior light, ignition key cylinder illumination light, door not closed indicator light</td>
<td>-</td>
</tr>
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<td></td>
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<td></td>
</tr>
<tr>
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</tr>
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<td>Main circuit</td>
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</tr>
<tr>
<td></td>
<td>Spare general connectors</td>
<td>-</td>
</tr>
</tbody>
</table>
## List of Circuit Diagrams

### Notes:
1. This list of circuit diagrams indicates whether each circuit has been modified or added.
2. The “●” symbol indicates a circuit that has been modified or added. Diagrams for these circuits are included in this supplement.
3. The “○” symbol indicates a circuit that is unchanged. Details of these circuits can be found in the existing Electrical Wiring Diagram manual (’03-1 No.1036K77).
4. The “X” symbol indicates a circuit that is unrelated to the vehicle referred to in this manual.
5. The “*1” symbol marks circuits whose names have been changed the previous names.
6. The “*2” symbol marks circuits whose J/C terminal numbers have changed. For more information, please refer to the “Details of Changes” table above.

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<tr>
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<td>○</td>
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</tr>
<tr>
<td></td>
<td>Headlight (discharge type)</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Tail lights, side lights, licence plate lights, lighting monitor warning buzzer</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Cabin lights, boot interior light, ignition key cylinder illumination light, door not closed indicator light *2</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Fog lights</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Headlight levelling system</td>
<td>○</td>
</tr>
<tr>
<td>Signalling</td>
<td>Indicator lights, hazard warning lights</td>
<td>○</td>
</tr>
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<td></td>
<td>Reversing lights *2</td>
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<td>○</td>
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<tr>
<td>Meters</td>
<td>Meters / Gauges *2</td>
<td>○</td>
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<tr>
<td></td>
<td>Remaining fuel warning light, oil pressure warning light, brake warning light, seatbelt warning light *2</td>
<td>○</td>
</tr>
<tr>
<td>Door opening control</td>
<td>Electric windows *2</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Central door locking (vehicle not fitted with keyless entry)</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Central door locking (vehicle fitted with keyless entry)</td>
<td>○</td>
</tr>
<tr>
<td>Air conditioning</td>
<td>Heater</td>
<td>○</td>
</tr>
<tr>
<td></td>
<td>Fully automatic air conditioning</td>
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</tr>
<tr>
<td></td>
<td>Manual air conditioning</td>
<td>●</td>
</tr>
<tr>
<td>Main circuit</td>
<td>Name of Circuit</td>
<td>Circuit Diagram</td>
</tr>
<tr>
<td>---------------------------</td>
<td>--------------------------------------------------------------------------------</td>
<td>----------------</td>
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<tr>
<td>Safety / Visibility</td>
<td>Windscreen wipers, washers *2</td>
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<tr>
<td></td>
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<td>O</td>
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<tr>
<td></td>
<td>Demister (vehicle not fitted with fully automatic A/C)</td>
<td>O</td>
</tr>
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<td></td>
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<td></td>
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<td></td>
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<td>●</td>
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<td>SRS airbags, seatbelt pre-tensioners (vehicle fitted with side airbags)</td>
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</tr>
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<td></td>
<td>Intercooler water spray *2</td>
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<td></td>
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<td></td>
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</table>
SECTION 1

WIRING DIAGRAMS

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WIRING DIAGRAMS - ENGINE TRANSMISSION

ENGINE TRANSMISSION

B-01 (1-black) Engine oil pressure switch
B-02 (1) Alternator
B-03 (4-grey) Alternator
B-04 (1) Starter
B-05 (1-black) Starter
B-06 (4-black) Throttle position sensor

B-07 (2-black) Purge control solenoid valve
B-08 (7-black) Airflow sensor
B-12 (5-grey) Windscreen wiper motor
B-13X (1) Engine speed detection connector
B-14X (5) Starter relay
B-17X (4) Ignition coil relay

Connector symbol - B-01  B-32
B-19X (4) Engine control relay
B-20X (4) A/C compressor relay
B-21 (10-black) Junction between control harness and battery harness
B-25 (4-black) O₂ sensor
B-26 (2-black) Indicator 4
B-27 (2-black) Indicator 3
B-28 (2-black) Indicator 2
B-29 (2-black) Indicator 1

B-32 (2-grey) Wastegate solenoid valve 1
B-31 (6-black) Junction between control harness and transmission harness
B-32 (2-grey) Wastegate solenoid valve 2

Note: Boxed connector numbers indicate connectors with changed names, or new, additional connectors.
C-01 (4) Register (vehicle not fitted with full auto A/C)
C-02 (2-red) Front pass. seat airbag module (squib)
C-03 (7) Internal / external air changeover damper motor
C-04 (7) Junction between instrument panel harness and A/C harness (vehicle not fitted with full auto A/C)
C-05 (2) Air thermo sensor (vehicle fitted with full auto A/C)
C-06 (13) J/C (5)
C-07 (22-grey) J/C (1)
C-08 (6) Air mix door motor and potentiometer (vehicle with full auto A/C)
C-09 (2) Heater water temperature sensor (vehicle with full auto A/C)
C-10 (5) Blower outlet changeover damper motor & potentiometer (vehicle with full auto A/C)
C-13 (4) Clock
C-14 (4) Hazard switch
C-15 (6) Blower switch (vehicle not fitted with full auto A/C)
C-16 (12-black) Heater control unit (vehicle with heater) or A/C-ECU (vehicle with manual A/C)
C-17 (20-black) A/C-ECU (vehicle with full auto A/C)
C-18 (16-black) A/C-ECU (vehicle with full auto A/C)
C-20 (22-blue) Junction between instrument panel harness and control harness
C-21 (10-grey) Junction between instrument panel harness and control harness
C-22 (25) Junction between instrument panel harness and control harness

Connector symbol

Front passenger’s side

Instrument panel harness

Tweeter sub-harness

Front harness (LH)

Front door harness (LH)

Floor harness (LH)

A/C harness

Control harness

Front door harness (LH)
C-23 (33) J/C (6)
C-28 (2) Blower motor
(6) Blower pulse controller
C-29 (13) Junction between instrument panel harness & floor harness (LH)
C-30 (11-grey*) Junction between instrument panel harness & floor harness (LH)
C-31 (25) Junction between instrument panel harness & front harness (LH)
C-32 (3) Junction between instrument panel harness & front harness (LH)
C-33 (16) Junction between instrument panel harness & front door harness (LH)
C-34 (16) Junction between control harness & front harness (LH)
C-37 (22) 4WD-ECU

C-38 (26) 4WD-ECU
C-39 (1-grey) Junction between control harness and floor harness (LH)
C-44 (2) Junction between instrument panel harness and tweeter sub-harness
C-45 (2) Tweeter (LH)
C-49 (35-grey) Engine ECU
C-50 (28-grey) Engine ECU
C-51 (30-grey) Engine ECU
C-55 (2) Spare connector

Note:
- A connector colour marked * indicates the male connector. The female connector is black.
- Boxed connector numbers indicate connectors in harness routes that have been changed.
WIRING DIAGRAMS - BOOT INTERIOR

BOOT INTERIOR

- F-01 (2) Boot interior light
- F-02 (2-grey) High-mount stop light
- F-05 (4) Rear wiper motor
- F-06 (2) Rear speaker (RH)
- F-07 (1) Demister (+)
- F-10 (6-black) Rear combination light (RH)
- F-11 (1) Book interior light switch
- F-12 (2-grey) Licence plate light (RH)
- F-13 (2-grey) Licence plate light (LH)
- F-14 (2-grey) Junction between floor harness (LH) & bumper harness
- F-15 (6-black) Rear combination light (LH)
- F-16 (2) Rear speaker (LH)
- F-18 (1-black) Demister (-)
- F-19 (2) Windscreen washer motor

- F-20 (2-green) Rear washer motor
- F-21 (2-black) Electrical pump
- F-22 (8-grey) Junction between floor harness (LH) and 4WD harness (vehicle with AYC)
- F-23 (2-black) Directional valve (left) (vehicle with AYC)
- F-24 (2-black) Directional valve (right) (vehicle with AYC)
- F-25 (3-black) Proportional valve (for ACD)
- F-26 (3-black) Proportional valve (for AYC) (vehicle with AYC)
- F-27 (3-black) Pressure sensor
- F-28 (2) Spare connector

• Boxed connector numbers indicate newly added connectors.
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COMPONENT INSTALLATION POSITIONS

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COMPONENT INSTALLATION POSITIONS - ECU

ECU

Immobiliser ECU

Wastegate solenoid valve 1

Battery

Wastegate solenoid valve 2

Wastegate solenoid valve 1

Battery

Wastegate solenoid valve 2
SECTION 3

CIRCUIT DIAGRAMS

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ACD, AYC ........................................................3-48
Engine immobiliser system .......................3-58
Note:
In an actual vehicle, any of the terminals connected in the J/C may be used. Therefore, the terminal numbers given in the circuit diagrams may not coincide with the terminal arrangement in the actual vehicle.

- Windscreen wiper & washer
- Indicator lights, hazard warning lights
- Tail lights, side lights, licence plate lights, lightning monitor warning buzzer

- Fog lights
- Headlights
- Headlight levelling system
- Rear wiper / washer

- General fuse 18

Diagram:
- Full auto A/C
- General spare connector
- Clock
- Spare audio connector
- Warning lights
- Meter gauge
- ACD
- Engine control
- J/B
- General fuse 15

- Fog light
- General spare connector
- Cigar lighter
- Ashtray illumination light
- Headlight levelling system
- Intercooler water spray
- • Meter gauge
- • Tail lights, side lights, licence plate lights, lighting monitor warning buzzer

- Clock
- • Demister (Vehicle w/out full auto A/C)
- • Demister, door mirror heating element (vehicle with full auto A/C)
- • Heater
- • Full auto A/C
- • Manual A/C
COMPONENT INSTALLATION POSITIONS - J/C

- Windscreen wiper & washer
- Electric retractable remote control door mirror
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

- Full auto A/C
- Headlights
- Headlight levelling system
- Manual A/C
- Cooling

- Fog lights
- Full auto A/C
- Manual A/C

- Heater
- General fuse (5)

- ABS
- ACD

- Power window
- Rear wiper / washer
- Ignition key reminder buzzer
- Windscreen wiper & washer
- Indicator lights, hazard warning lights
- Tail lights, side lights, licence plate lights, lighting monitor warning buzzer
- Fog lights
- Headlights
- Rear wiper / washer

- Electric windows
- Fog lights
- Headlights
- Rear wiper / washer

- Reversing light
- Diagnosis connector
- Vehicle speed sensor
- Diagnosis meter
- Meter gauge
- General spare connector

- J/C (2)
- C-119

- J/B

H4J00J00AB
- Ignition key reminder buzzer
- Intercooler water spray
- Security alarm
- Central door locking (vehicle with keyless entry)
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

- Ignition key reminder buzzer
- Windscreen wiper & washer
- Security alarm
- Central door locking
- Indicator lights, hazard warning lights

- Tail lights, side lights, licence plate lights, lighting monitor warning buzzer
- Electric retractable remote control door mirror
- Electric windows
- Heater
- Fog lights

- Full auto A/C
- Headlights
- Manual A/C
- Rear wiper / washer
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

- Warning lights
- Starter

- Electric retractable remote control door mirror
- Headlight levelling system

- Clock
- Indicator lights, hazard warning lights

- ABS
- ACD

- Fog lights

- Demister (vehicle w/out full auto A/C)
- Demister, door mirror heating element (vehicle with full auto A/C)
- Heater
- Full auto A/C
- Manual A/C

- Intercooler water spray

- Meter gauge

- Cigar lighter
- Ashtray illumination light

- Headlight levelling system
Electric retractable remote control door mirrors

Spare audio connector

J/B General fuse (11)

Clock

Fog lights

J/B General fuse (13)

Fog lights

Spare connector for fog lights

Central door locking (vehicle with keyless entry)

Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

SRS airbags, seatbelt pretensioners

Engine immobiliser system

Diagnosis connector

Warning lights

Meter gauge

• ABS

• ACD

• Engine control

Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

• Fog lights

• Spare connector for fog lights

• Fog lights

• Spare connector for fog lights
J/C (cont’d)

![Circuit Diagrams J/C3-6]

- Security alarm
- Horn
- Ignition key reminder buzzer
- Windscreen wiper & washer
- Security alarm
- Central door locking
- Turn signal lights, hazard warning lights
- Tail lights, position lights, license plate lights, lighting monitor warning buzzer
- Electric stowable remote control door mirrors
- Power windows
- Fog lamps
- Headlights
- Rear wiper / washer
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

- Engine control
- Ignition
- Engine immobiliser system
- Engine control
- Full auto A/C
- Cooling
- Engine control
- Engine immobiliser system
- Full auto A/C
- Cooling
- Engine immobiliser system
(Notes)
Central Junction

Fusible link (Relay box inside engine space)

<table>
<thead>
<tr>
<th>No.</th>
<th>Circuit</th>
<th>Type</th>
<th>Housing colour</th>
<th>Rated current (A)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Full auto air conditioning; manual air conditioning; cooling</td>
<td>Connector type</td>
<td>Red</td>
<td>50</td>
</tr>
</tbody>
</table>

Forward direction of vehicle
Fusible link (Relay box inside engine space)

<table>
<thead>
<tr>
<th>Power supply circuit</th>
<th>Fuse No.</th>
<th>Rated current (A)</th>
<th>ID colour</th>
<th>Applied loads</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery / Alternator (fusible link No. 6)</td>
<td>3</td>
<td>20</td>
<td>Yellow</td>
<td>O₂ sensor, secondary air control solenoid valve, idle speed control servo, ignition coil 1, ignition coil 2, waste gate solenoid valve 1, waste gate solenoid valve 2, air flow sensor, engine ECU, engine control relay, cam position sensor, crank angle sensor, purge control solenoid valve, fuel pressure solenoid valve, radiator fan control relay, register (for injector)</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>20</td>
<td>Yellow</td>
<td>Fuel pump relay 3, fuel pump register, fuel pump &amp; fuel gauge unit (main)</td>
</tr>
</tbody>
</table>
Power Supply

Battery

20B-Y

Fusible link

20B-L

Starter

15W-R

5W-R

Charging

ACD

Special fuse

250A

200A

100A

60A

50A

30A

10A

7.5A

30A

15A

10A

<2B-R

<2B-R

0

(Y)

0.85

L-6

• Full auto A/C
• Manual A/C
• Cooling

Engine control

• Security alarm
• Central door locking (vehicles with keyless entry)
• Turn signal lights, hazard warning lights

Charging

ACD

• Full auto A/C
• Manual A/C
• Cooling

ABS

• ABS

ACD

• ACD

Stop lights

Heater

• Heater
• Full auto
A/C
• Manual
A/C
Note:
*1 : except discharge headlights
*2 : discharge headlights
Power supply (cont’d)

- Fusible link

- Ignition switch

- Special fuse

- Intercooler water spray

- Engine control
- Starter

10A

2L-B

- ABS
- ACD
- SRS airbags, seat pre-tensioners
- Ignition key reminder buzzer
- Intercooler water spray
- Windscreen wiper / washer
- Warning lights
- Engine control
- Meter gauge
- Charging
- Security alarm
- Central door locking

- Turn signal lights, hazard warning lights
- Tail lights, position lights, licence plate lights, lighting monitor warning buzzer
- Electric stowable remote control door mirrors
- Power windows
- General spare connectors
- Fog lamps
- Headlights
- Rear wiper / washer
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator lamp

- SRS airbags, seatbelt pre-tensioners
- Reversing lights
- Rear wiper / washer

- Engine control

7.5A
• ABS
• ACD
• Intercooler water spray
• Windscreen wiper / washer
• Turn signal lights, hazard warning lights
• Tail lights, position lights, licence plate lights, lighting monitor warning buzzer
• Heater
• Fog lamps
• Full auto A/C
• Headlights
• Headlight levelling system
• Manual A/C
• Cooling

CIRCUIT DIAGRAMS - POWER SUPPLY

[Diagram showing power supply circuit with labels for various components such as ABS, ACD, windscreen wiper/washer, Cigar lighter, ashtray illumination lamp, Electric stowable remote control door mirrors, Rear wiper/washer, Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator lamp.]
Power Supply (cont'd)

- ABS
- ACD
- SRS airbags, seat pre-tensioners
- Ignition key reminder buzzer
- Windscreen wiper / washer
- Engine immobiliser system
- Engine control
- Security alarm
- Central door locking
- Turn signal lights, hazard warning lights
- Tail lights, position lights, licence plate lights, lighting monitor warning buzzer
- Electric stowable remote control door mirrors
- Power windows
- Fog lamps
- Full auto A/C
- Headlights
- Rear wiper / washer
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator lamp

- ACD
- Ignition key reminder buzzer
- Windscreen wiper / washer
- Warning lights
- Engine control
- Spare audio connector
- Clock
- Meter gauge
- Security alarm
- Central door locking
- Turn signal lights, hazard warning lights
- Tail lights, position lights, licence plate lights, lighting monitor warning buzzer
- Electric stowable remote control door mirrors
- Power windows
- General spare connector
- Fog lamps
- Full auto A/C
- Headlights
- Headlight levelling system
- Rear wiper / washer
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator lamp

- Heater
- Full auto A/C
- Manual A/C

Demister relay

- Demister (vehicle w/out full auto A/C)
- Demister, door mirror thermal element (vehicle with full auto A/C)

Demister, door mirror thermal element (vehicle with full auto A/C)
(Notes)
CIRCUIT DIAGRAMS - ENGINE CONTROL

Ignition switch

2B-W

6 (C-210)

J/B

2 7.5A

Fuel pump relay

Fuel pump relay

Combination meter

CHECK ENGINE

0

9 (C-22)

W-L

99 (C-51)

22 (C-49)

- Windscreen washer/wiper
- Turn signal lights / hazard warning lights
- Tail lights, position lights, licence plate lights, lighting monitor warning buzzer
- Fog lights
- Headlights
- Rear washer/wiper
CIRCUIT DIAGRAMS - ENGINE CONTROL

- Engine control relay
- Waste gate solenoid valve 2
- Purge control solenoid valve
- Secondary air control solenoid valve
- Intercooler water spray
- Full auto A/C
- Manual A/C
- Cooler
- Heater
- Full auto A/C
- Manual A/C

C-23
C-34
C-49
C-50

[Diagram showing various components and connections]
Remarks:

- Windscreen washer / wiper
- Electric retractable door mirrors
- Generic spare connectors
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed reminder light

CIRCUIT DIAGRAMS - ENGINE CONTROL

- Fuel pump relay 2
- Fuel pump relay 3
- Fuel pump relay (main)
- Fuel pump & fuel gauge unit (main)
Signalling

Stop lights

CIRCUIT DIAGRAMS - SIGNALLING

Stop light

Battery

General fuse

14 (C-31)

0.85R

2

Stop light switch

C-118

1

15A

5W

8W

C-29

Rear combination light (stop : LH)

F-15

2

0.85G

0.85R

0.85G

6 (C-116)

2 (C-116)

Rear combination light (stop : RH)

F-10

1

0.85G

2

High-mount stop light

F-02

0.85G

2

Spare connector

F-28
Air Conditioning

Manual Air Conditioning
Manual Air Conditioning (cont’d)
Manual Air Conditioning (cont’d)

- Battery
- J/C(2) (General fuse)
- Radiator fan controller
- A/C-ECU
- Low pressure side:
  - ON: 196kPa
  - OFF: 221kPa
- High pressure side:
  - ON: 3138kPa
  - OFF: 2550kPa

- A/C compressor relay
- Cooling temperature switch:
  - ON→OFF: 150°C
  - OFF→ON: 120°C
- Magnetic switch

- Engine ECU
(Notes)
Special Equipment

ABS

- Fusible link
- Ignition switch (IG2)
- Ignition switch (IG1)
- Battery
- General fuse
- Combination meter
- Stop light switch
- Stop lights

- Solenoid valve power supply
- Motor power supply
- Power supply
Note:
*:
• Windscreen wiper / washer
• Engine control
• Meter gauge
• Indicator lights, hazard warning lights
• Tail lights, side lights, licence plate lights, lighting monitor warning buzzer
• Electric retractable remote control door mirror
• General spare connector
• Fog lights
• Headlights
• Rear wiper / washer
• Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

Hydraulic unit

Motor

Solenoid valve

Motor power supply
Ignition switch (IG2)

Front / rear G sensor

Lateral G sensor

ABS - ECU

B-109

C-20

C-37

C-38
ABS (cont’d)

Ignition switch (IG2)

• Intercooler water spray
• Heater
• Full auto A/C
• Manual A/C

Steering sensor

ABS-ECU

ACD, AYC
ACD (Vehicle not fitted with AYC)
ACD (Vehicle not fitted with AYC) (cont’d)

Front ECU (tail light relay)

Special fuse

- Tail lights, side lights, licence plate lights, lighting monitoring warning buzzer

ACD mode switch

Ignition switch (IG1)

- Windscreen wiper / washer
- Engine control
- Meter gauge
- Indicator light, hazard lights
- Tail lights, side lights, licence plate lights, lighting monitoring warning buzzer
- Electric retractable remote control door mirrors
- General spare connectors
- Fog lights
- Headlights
- Rear wiper / washer
- Cabin lights, boot interior light, ignition key cylinder illumination light, door not properly closed indicator light

Combination meter
Throttle position sensor

49 (C-50)  78 (C-51)  42 (C-50)  79 (C-51)

Engine ECU

G

49 (C-50)

B

G

4

J/C (6)

C-23

G

R-Y

36 (C-37)

39

4

G

GR

2

1

B-06

Throttle position sensor

CIRCUIT DIAGRAMS - SPECIAL EQUIPMENT 3-43
ACD (Vehicle not fitted with AYC) (cont’d)

Fusible link

Electric pump relay

Electric pump

Pressure sensor

Proportional valve (for ACD)
ACD (Vehicle not fitted with AYC) (cont'd)

Ignition switch (IG2)

- Intercooler water spray
- Heater
- Full auto A/C
- Manual A/C

Steering sensor (C-228)
ACD, AYC (cont'd)

Front ECU (tail light relay)

- Tail lights, side lights, licence plate lights, lighting monitor warning buzzer

Special fuse

ACD mode switch

Ignition switch

Drive circuit

- Windscreen wiper & washer
- Engine control
- Meter gauge
- Indicator lights, hazard warning lights
- Tail lights, side lights, licence plate lights, lighting monitor warning buzzer
- Electric retractable remote control door mirrors
- General spare connectors
- Fog lights
- Headlights
- Rear wiper / washer
- Cabin lights, boot interior lights, ignition key cylinder illumination light, door not properly closed indicator light

Combination meter

4WD-ECU
ACD, AYC (cont'd)

Brake warning light
Parking brake switch

ABS-ECU
LG-W
LG-R
LG-Y

4WD-ECU

OFF ON

37 48 7 8 6 9 C-38

C-20 C-34 C-37

CIRCUIT DIAGRAMS - SPECIAL EQUIPMENT
CIRCUIT DIAGRAMS - SPECIAL EQUIPMENT 3-53

ABS sensors

(A-05) (Front : LH)
(A-31) (Front : RH)
(D-11) (Rear : LH)
(D-05) (Rear : RH)
Fusible link

Electric pump

Pressure sensor

SW-R

Y

Y-R

L-Y

0

16 (C-38)

43 (C-37)

32

10

14

22 (C-20)

2 (C-133)

5

9

1 (C-30)

1

5

6 (F-22)

L-R

L-W

L-B

1.25B

1.25B

5R

Electric pump

OFF

ON

B

Y-R

L-Y

0

1 (C-43)
ACD, AYC (cont’d)

Ignition switch (IG2)

- Intercooler water spray
- Heater
- Full auto A/C
- Manual A/C
Engine Immobiliser System