

BODY ELECTRICAL SYSTEM

PROBLEM SYMPTOMS TABLE

BE08N-02

HEADLIGHT AND TAILLIGHT SYSTEM:

| Symptom | Suspect Area | See page |
|---|--|--|
| Headlight does not light. (Taillight is normal.) | 1. HEAD (LH, RH) Fuse 2. Headlight Bulb 3. Wire Harness | - - - |
| Headlight does not light. (Taillight does not light up.) | 1. HEAD (LH, RH) Fuse 2. HEAD Relay 3. Headlight Bulb 4. Wire Harness | - BE-8 - - |
| Only one side light does not light. | 1. HEAD (LH, RH) Fuse 2. Headlight Bulb 3. Wire Harness | - - - |
| "Lo-Beam" does not light. | 1. Headlight Bulb 2. Light Control Switch 3. Wire Harness | - BE-8 - |
| "Hi-Beam" does not light. | 1. Headlight Dimmer Switch 2. Light Control Switch 3. Wire Harness | BE-8 BE-8 - |
| "Flash" does not light. | 1. Headlight Dimmer Switch 2. Wire Harness | BE-8 - |
| Taillight does not light. (Headlight does not light.) | 1. Light Control Switch 2. Wire Harness | BE-8 - |
| Taillight does not light. (Headlight is normal.) | 1. TAIL Fuse 2. TAIL Relay 3. Light Control Switch 4. Wire Harness | - BE-8 BE-8 - |
| Only one side light does not light. | 1. Bulb 2. Wire Harness | - - |
| Rear Combination light does not light. | 1. Bulb 2. Wire Harness | - - |

FRONT FOG LIGHT SYSTEM:

| Symptom | Suspect Area | See page |
|---|--|--------------------------------------|
| Fog light does not light with light control switch HEAD. (Headlight is normal.) | 1. Bulb 2. FOG Fuse 3. Fog Light Switch 4. Wire Harness | - - BE-11 - |
| Fog light does not light with light control switch HEAD. (Headlight does not light.) | 1. Headlight and Taillight System 2. Wire Harness | BE-8 - |

TURN SIGNAL AND HAZARD WARNING SYSTEM:

| Symptom | Suspect Area | See page |
|--|---|---|
| "Hazard" and "Turn" do not light. | 1. Hazard Warning Switch 2. Turn Signal Flasher 3. Wire Harness | BE-10 BE-10 - |
| The flashing frequency is abnormal. | 1. Bulb 2. Turn Signal Switch 3. Wire Harness | - BE-10 - |
| Hazard warning light does not light. (Turn signal is normal.) | 1. HORN Fuse 2. Wire Harness | - - |

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| Hazard Warning Light does not light up in one direction. | 1. Hazard Warning Switch 2. Wire Harness | BE-10 - |
| Turn Signal does not light. (Combination meter, wiper and washer do not operate.) | 1. Ignition Switch 2. TURN Fuse 3. Turn Signal Switch 4. Wire Harness | ★ - BE-10 - |
| Turn Signal does not light. (Combination meter, wiper and washer are normal.) | 1. TURN Fuse 2. Turn Signal Switch 3. Wire Harness | - BE-10 - |
| Turn Signal does not light up in one direction. | 1. Turn Signal Switch 2. Wire Harness | BE-10 - |
| Only one bulb does not light. | 1. Bulb 2. Wire Harness | - - |

★ Refer to Pub. No. RM156E and Pub. No. RM471E

WIPER AND WASHER SYSTEM:

| Symptom | Suspect Area | See page |
|---|---|----------------------|
| Wipers and washer do not operate. | 1. WIPER Fuse 2. Wiper Switch 3. Wiper Motor 4. Wire Harness | - BE-10 ★ - |
| Wipers do not operate in LO or HI position. | 1. Wiper Switch 2. Wiper Motor 3. Wire Harness | BE-10 ★ - |
| Wipers do not operate in INT or MIST position. | 1. Wiper Switch 2. Wiper Motor 3. Wire Harness | BE-10 ★ - |
| Washer motor does not operate. | 1. Washer Switch 2. Washer Motor 3. Wire Harness | BE-10 ★ - |
| Wipers do not operate when washer switch is ON. | 1. Washer Motor 2. Wire Harness | ★ - |
| Washer fluid does not operate. | Washer Hose and Nozzle | - |
| • At wiper switch HI position, the wiper blade is in contact with the body. • When the wiper switch is OFF, the wiper blade does not retract or the retract position is wrong. | 1. Wiper arm and blade 2. Wiper Switch 3. Wire Harness | BE-10 BE-10 - |

★ Refer to Pub. No. RM156E and Pub. No. RM471E

COMBINATION METER (Meter, Gauges and Illumination):

| Symptom | Suspect Area | See page |
|--|--|----------------------|
| Tachometer, Fuel Gauge and Water Temperature Gauge do not operate. | 1. GAUGE Fuse 2. Meter Circuit Plate 3. Wire Harness | - BE-20 - |
| Speedometer does not operate. | 1. Speed Sensor 2. Meter Circuit 3. Wire Harness | AT-4 BE-20 - |
| Tachometer does not operate. | 1. Igniter (Gasoline Engine) 2. Tacho Pick-up Sensor (Diesel Engine) 3. Meter Circuit Plate 4. Wire Harness | - ★ BE-20 - |

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| Fuel Gauge does not operate or operation abnormally. | 1. Fuel Receiver Gauge 2. Fuel Sender Gauge 3. Meter Circuit Plate 4. Wire Harness | ★ ★ BE-20 - |
| Water Temperature Gauge does not operate or operation abnormally. | 1. Water Temperature Receiver Gauge 2. Water Temperature Sender Gauge 3. Meter Circuit Plate 4. Wire Harness | ★ ★ BE-20 - |
| All Illumination Lights do not light. | 1. TAIL Fuse 2. Light Control Rheostat 3. Wire Harness | - ★ - |
| Brightness does not change even when rheostat turned. | 1. Bulb 2. Wire Harness | - - |
| Only one Illumination Light does not light. | 1. Bulb 2. Wire Harness | - - |

★ Refer to Pub. No. RM156E and Pub. No. RM471E

COMBINATION METER (Warning Light):

| Symptom | Suspect Area | See page |
|---|--|---------------------------|
| Warning Light does not light. (Except Discharge, Open Door and SRS.) | 1. GAUGE Fuse 2. Meter Circuit Plate 3. Wire Harness | - BE-20 - |
| Low Oil Pressure Warning Light does not light. | 1. Bulb 2. Low Oil Pressure Warning Switch 3. Meter Circuit Plate 4. Wire Harness | - ★ BE-20 - |
| Fuel Level Warning Light does not light. | 1. Bulb 2. Fuel Level Warning Switch 3. Meter Circuit Plate 4. Wire Harness | - ★ BE-20 - |
| ABS Warning Light does not light. | 1. Bulb 2. ABS ECU 3. Wire Harness | - DI-86 - |
| Seat Belt Warning Light does not light. | 1. Bulb 2. Seat Belt Buckle Switch 3. Wire Harness | - ★ - |
| Discharge Warning Light does not light. | 1. IGN Fuse 2. Bulb 3. Wire Harness 4. Generator | - - - - |
| Timing Belt Warning Light does not light. | 1. Bulb 2. Speedometer 3. Wire Harness | - BE-23 - |
| Fuel Filter Warning Light does not light. | 1. Bulb 2. Meter Circuit 3. Fuel Sedimentor Switch 4. Wire Harness | - BE-20 ★ - |
| Brake Warning Light does not light. | 1. Bulb 2. Parking Brake Switch 3. Brake Fluid Level Warning Switch 4. Meter Circuit 5. Wire Harness | - ★ ★ BE-20 - |

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| SRS warning light does not light. | 1. ECU-B Fuse 2. Bulb 3. Airbag Sensor Assembly 4. Meter Circuit 5. Wire Harness | - - DI-17 BE-20 - |
| Open Door warning light does not light. | 1. DOME Fuse 2. Bulb 3. Door Courtesy Switch 4. Meter Circuit 5. Wire Harness | - - ★ BE-20 - |
| Engine Oil Level warning light does not light. | 1. Bulb 2. Engine Oil Level Sensor 3. Meter Circuit 4. Wire Harness | - ★ BE-20 - |

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COMBINATION METER (Indicator Lights):

| Symptom | Suspect Area | See page |
|--|--|--------------------------|
| O/D OFF indicator light does not light. | 1. Bulb 2. O/D OFF Switch 3. Meter Circuit 4. Wire Harness | - DI-37 BE-20 - |
| High beam indicator light does not light. | 1. Bulb 2. Meter Circuit 3. Wire Harness 4. Headlight System | - BE-20 - BE-8 |
| Turn indicator light does not light. | 1. Bulb 2. Meter Circuit 3. Wire Harness 4. Turn Signal and Hazard Warning System | - BE-20 - BE-14 |
| Check Engine indicator light does not light. | 1. Bulb 2. Engine ECU or Engine ECU & ECT ECU 3. Meter Circuit 4. Wire Harness | - - BE-20 - |
| Glow indicator light does not light. | 1. Bulb 2. Pre-Heating Timer 3. Meter Circuit 4. Wire Harness | - - BE-20 - |

POWER WINDOW CONTROL SYSTEM (LHD):

| Symptom | Suspect Area | See page |
|---|---|------------------------------|
| Power window does not operate (ALL). (Power Door Lock does not operate.) | 1. PW Fuse 2. Power Main Relay 3. Wire Harness | - ★ - |
| Power window does not operate (ALL). (Power Door Lock is normal.) | 1. Ignition Switch 2. Power Window Master Switch 3. Wire Harness | ★ BE-30 - |
| "One Touch Power Window System" does not operate. | Power Window Master Switch | BE-30 |
| Only one window glass does not move. | 1. Power Window Master Switch 2. Power Window Switch 3. Power Window Motor 4. Wire Harness | BE-30 BE-30 BE-30 - |
| "Window Lock System" does not operate. | Power Window Master Switch | BE-30 |
| "Window Lock Illumination" does not light up. | Power Window Master Switch | BE-30 |

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HIACE (SUP) (RM670E)

POWER WINDOW CONTROL SYSTEM (RHD):

| Symptom | Suspect Area | See page |
|---|---|------------------------------|
| Power window does not operate (ALL). (Power Door Lock does not operate.) | 1. PWR Fuse 2. Power Main Relay 3. Wire Harness | - ★ - |
| Power window does not operate (ALL). (Power Door Lock is normal.) | 1. Ignition Switch 2. Power Window Master Switch 3. Wire Harness | ★ BE-30 - |
| "One Touch Power Window System" does not operate. | Power Window Master Switch | BE-30 |
| Only one window glass does not move. | 1. Power Window Master Switch 2. Power Window Switch 3. Power Window Motor 4. Wire Harness | BE-30 BE-30 BE-30 - |
| "Window Lock System" does not operate. | Power Window Master Switch | BE-30 |
| "Window Lock Illumination" does not light up. | Power Window Master Switch | BE-30 |
| One touch power window does not move up and down. (Prepare normal master switch.) | TROUBLESHOOTING 1 | BE-26 |
| During AUTO UP operation, the power window moves down. | TROUBLESHOOTING 2 | BE-26 |
| The DOWN function does not work though some other objects are caught in the power window glass. | TROUBLESHOOTING 3 | BE-26 |

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POWER DOOR LOCK CONTROL SYSTEM:

| Symptom | Suspect Area | See page |
|---|---|--------------------------|
| "Door lock system" does not operate at all. | 1. PW Fuse (LHD), PWR Fuse (RHD) 2. Door Lock Control Relay 3. Wire Harness | - ★ - |
| Door lock system does not operate by manual switch. | 1. Power Window Master Switch 2. Door Lock Manual Switch 3. Door Lock Control Relay 4. Wire Harness | BE-45 BE-45 ★ - |
| Door lock system does not operate by door key. | 1. Door Key Lock and Unlock Switch 2. Door Lock Control Relay 3. Wire Harness 4. Door Lock Link Disconnected | BE-45 ★ - - |
| Fault in key confine prevention operate. | 1. Door Lock Control Relay 2. Key Unlock Warning Switch 3. Door Courtesy Switch 4. Wire Harness | ★ BE-45 ★ - |
| Only one door lock does not operate. | 1. Door Lock Motor 2. Wire Harness | ★ - |

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POWER MIRROR CONTROL SYSTEM:

| Symptom | Suspect Area | See page |
|-----------------------------|---|--------------------------|
| Mirror does not operate. | 1. CIG Fuse 2. Mirror Switch 3. Mirror Motor 4. Wire Harness | - BE-47 BE-47 - |
| Mirror operates abnormally. | 1. Mirror Switch 2. Mirror Motor 3. Wire Harness | BE-47 BE-47 - |