

|            |              |                                                                |
|------------|--------------|----------------------------------------------------------------|
| <b>DTC</b> | <b>B2015</b> | <b>RIGHT SIDE UPPER MOS MALFUNCTION<br/>OPEN</b>               |
| <b>DTC</b> | <b>B2016</b> | <b>RIGHT SIDE LOWER MOS MALFUNCTION<br/>OPEN</b>               |
| <b>DTC</b> | <b>B2020</b> | <b>LEFT SIDE UPPER MOS MALFUNCTION<br/>OPEN</b>                |
| <b>DTC</b> | <b>B2021</b> | <b>LEFT SIDE LOWER MOS MALFUNCTION<br/>OPEN</b>                |
| <b>DTC</b> | <b>B2025</b> | <b>RIGHT SIDE CURRENT DETECTION<br/>CIRCUIT MALFUNCTION HI</b> |
| <b>DTC</b> | <b>B2026</b> | <b>RIGHT SIDE CURRENT DETECTION<br/>CIRCUIT MALFUNCTION LO</b> |
| <b>DTC</b> | <b>B2027</b> | <b>RIGHT SIDE OVER-CURRENT<br/>MALFUNCTION</b>                 |
| <b>DTC</b> | <b>B2030</b> | <b>LEFT SIDE CURRENT DETECTION CIRCUIT<br/>MALFUNCTION HI</b>  |
| <b>DTC</b> | <b>B2031</b> | <b>LEFT SIDE CURRENT DETECTION CIRCUIT<br/>MALFUNCTION LO</b>  |
| <b>DTC</b> | <b>B2032</b> | <b>LEFT SIDE OVER-CURRENT<br/>MALFUNCTION</b>                  |
| <b>DTC</b> | <b>B2035</b> | <b>POWER SUPPLY RELAY ADHERENCE<br/>MALFUNCTION</b>            |
| <b>DTC</b> | <b>B2036</b> | <b>POWER SUPPLY RELAY MALFUNCTION<br/>OPEN</b>                 |
| <b>DTC</b> | <b>B2040</b> | <b>EEPROM MALFUNCTION</b>                                      |

|            |              |                                   |
|------------|--------------|-----------------------------------|
| <b>DTC</b> | <b>B2041</b> | <b>FALL OF THE RAISED VOLTAGE</b> |
|------------|--------------|-----------------------------------|

|            |              |                                                       |
|------------|--------------|-------------------------------------------------------|
| <b>DTC</b> | <b>B2047</b> | <b>PRE-CRASH SAFETY ECU INNER CIRCUIT MALFUNCTION</b> |
|------------|--------------|-------------------------------------------------------|

## CIRCUIT DESCRIPTION

The DTCs on the previous page and above are output during the seat belt control ECU's self diagnosis.

| DTC No. | DTC Detection Condition                                | Trouble Area          |
|---------|--------------------------------------------------------|-----------------------|
| B2015   | Open in right side upper MOS                           | Seat belt control ECU |
| B2016   | Open in right side lower MOS                           | Seat belt control ECU |
| B2020   | Open in left side upper MOS                            | Seat belt control ECU |
| B2021   | Open in left side lower MOS                            | Seat belt control ECU |
| B2025   | Malfunction in right side current detection HI circuit | Seat belt control ECU |
| B2026   | Malfunction in right side current detection LO circuit | Seat belt control ECU |
| B2027   | Over-current in right side circuit                     | Seat belt control ECU |
| B2030   | Malfunction in left side current detection HI circuit  | Seat belt control ECU |
| B2031   | Malfunction in left side current detection LO circuit  | Seat belt control ECU |
| B2032   | Over-current in left side circuit                      | Seat belt control ECU |
| B2035   | Adherence in power supply relay                        | Seat belt control ECU |
| B2036   | Power supply relay open                                | Seat belt control ECU |
| B2040   | EEPROM malfunction                                     | Seat belt control ECU |
| B2041   | Decline in raised voltage                              | Seat belt control ECU |
| B2047   | Malfunction in inner circuit of seat belt control ECU  | Seat belt control ECU |

## INSPECTION PROCEDURE

|          |                  |
|----------|------------------|
| <b>1</b> | <b>CHECK DTC</b> |
|----------|------------------|

- (a) Turn the ignition switch OFF.
- (b) Disconnect the cable from the negative (–) battery terminal.
- (c) Connect the cable to the negative (–) battery terminal.
- (d) Turn the ignition switch ON.
- (e) Clear the DTCs ([see page 05-96](#)).
- (f) Turn the ignition switch OFF.
- (g) Turn the ignition switch ON.
- (h) Check the DTCs ([see page 05-96](#)).

**OK: DTC is not output.**

**NG**

**REPLACE SEAT BELT CONTROL ECU**  
([See page 61-1](#))

**OK**

**END**