

COLLISION REPAIR INFORMATION

FOR THE TOYOTA DEALER

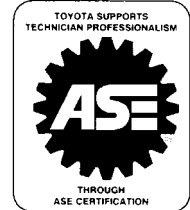
TITLE: SRS AIRBAG COMPONENT REPLACEMENT PAGE 1 of 4

SECTION: ELECTRICAL

BULLETIN #67

MODELS: ALL

DATE: MARCH 1995



After an air bag has been deployed during a collision, it will be necessary to replace certain components of the air bag system. Technicians can identify these parts by using the attached matrix.

If the air bag does not deploy (due to insufficient vehicle speed for example) yet the combination meter (Air Bag Warning Light) stays on for more than 10 seconds after the key is turned to the "ACC" or "ON" position, it is necessary to perform a diagnostic test. Always refer to the Toyota repair manual for the correct repair procedure.

The attached information includes:

- A matrix indicating components requiring replacement (page 2).
- Notes (page 3).
- A sample repair manual page outlining the diagnostic procedure available in each repair manual specific to model (page 4).

Toyota suggests the use of electrical repair kit (part number 00002-04200-01) for any wiring repairs. This kit includes a selection of numerous repair connectors, terminal ends, a repair procedures manual and special tools specific to Toyota. The **replacement** electrical wire and connector (from the wire harness to the front sensors) is part number 82988-24010.

Toyota also offers a video package which shows the operation of the SRS air bag system (part number 00401-42994).

CAUTION: SRS Airbag service work can be performed only AFTER 90 SECONDS from the time the ignition switch is turned to the "lock" position and the negative (-) terminal cable is disconnected from the battery.

NOTE: PLEASE ROUTE THIS BULLETIN TO YOUR COLLISION REPAIR CENTER MANAGER!



| MODEL | YEAR | FRONT IMPACT SENSORS | CENTER AIR BAG ASSEMBLY | SPIRAL CABLE | STEERING WHEEL | STEERING WHEEL PAD | PASSENGER SIDE AIR BAG | INSTRUMENT PANEL | WIRE HARNESS |
|--------------|-------|----------------------|-------------------------|--------------|----------------|--------------------|------------------------|------------------|--------------|
| TERCEL | 95 | N/A | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 1 | SEE NOTE 4 |
| TERCEL | 93-94 | R&R BOTH | REPLACE | SEE NOTE 5 | EE NOTE 5 | REPLACE | N/A | N/A | SEE NOTE 4 |
| PASEO | 93-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | N/A | N/A | SEE NOTE 4 |
| PASEO | 92 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| COROLLA | 94-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 3 | SEE NOTE 4 |
| COROLLA | 93 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | N/A | N/A | N/A | N/A |
| CELICA | 94-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 1 | SEE NOTE 4 |
| CELICA | 90-93 | R&R BOTH | SEE NOTE 6 | SEE NOTE 5 | SEE NOTE 5 | REPLACE | N/A | REPLACE | SEE NOTE 4 |
| MR2 | 94-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 2 | SEE NOTE 4 |
| MR2 | 91-93 | R&R BOTH | SEE NOTE 6 | SEE NOTE 5 | DSEE NOTE 5 | REPLACE | N/A | N/A | SEE NOTE 4 |
| CAMRY | 94-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 2 | SEE NOTE 4 |
| CAMRY | 92-93 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | N/A | N/A | SEE NOTE 4 |
| SUPRA | 93-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | REPLACE | SEE NOTE 4 |
| SUPRA | 90-92 | R&R BOTH | SEE NOTE 6 | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | N/A | SEE NOTE 4 |
| AVALON | 95 | N/A | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 3A | SEE NOTE 4A |
| PREVIA | 94-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 3 | SEE NOTE 4 |
| PREVIA | 92-93 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | | SEE NOTE 4 |
| 4 RUNNER | 90-95 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| LAND CRUISER | 95 | N/A | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | SEE NOTE 3A | SEE NOTE 4A |
| T-100 | 94-95 | R&R BOTH | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | REPLACE | N/A | SEE NOTE 4 |
| TACOMA | 95 | N/A | REPLACE | SEE NOTE 5 | SEE NOTE 5 | REPLACE | N/A | N/A | SEE NOTE 4B |

R&R = Remove and Replace

Note 1 – Replace the following items:

- Instrument panel
- Center console bracket support

Note 2 – Replace the following items if deformed:

- Instrument panel
- Instrument panel reinforcement
- Glove compartment
- Glove compartment door

Note 3 – Replace the following items:

- Instrument panel reinforcement
- Glove compartment
- Glove compartment door

Note 3a – Replace the following items:

- Instrument panel
- Instrument panel reinforcement
- Glove compartment door

Note 4 – If the SRS wire harness assembly is damaged:

- Use a repair wire specially designed for use in the SRS airbag system at the front sensor (P/N 82988–24010).

OR

- Replace the entire wire harness assembly.

Note 4a – Replace wire harness if damaged.

- Repair if only wire harness connector is damaged.

Note 4b – Replace wire harness if damaged.

Note 5 – Replace the following items if deformed:

- Steering wheel
- Spiral cable

Note 6 – Replace center airbag sensor assembly if:

- Center airbag sensor assembly has been found faulty in troubleshooting
- Center airbag sensor assembly has been found faulty during the following checks:
 1. Deformation of the bracket or case
 2. Vinyl seal broken
 3. Damage to connector
- Center airbag sensor assembly has been dropped.

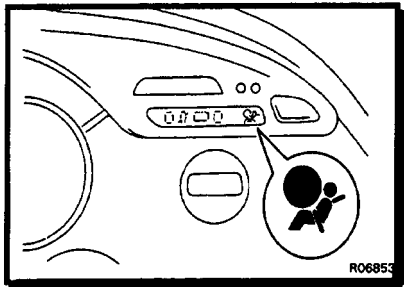
This is an example from a Toyota Repair Manual. Always refer to the repair manual applicable to the model and year vehicle you are diagnosing.

RS 57

SUPPLEMENTAL RESTRAINT SYSTEM – TROUBLESHOOTING

DIAGNOSIS INSPECTION

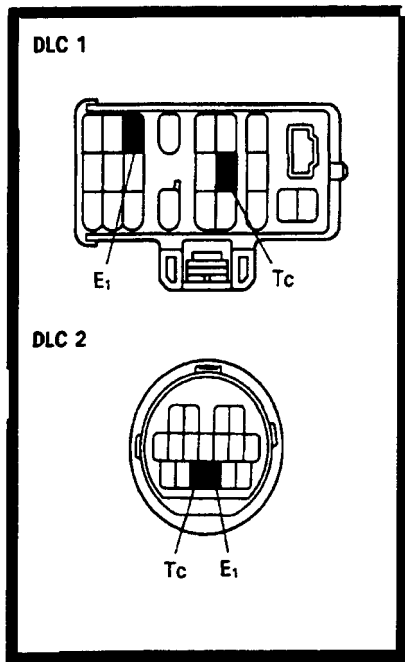
SRS warning light check



- (a) Turn the ignition switch to ACC or ON and check that the SRS warning light lights up.
- (b) Check that the SRS warning light goes out after approx 6 seconds.

HINT:

- When the ignition is at ACC or ON and the SRS warning light remains on or flashes, the center air bag sensor assembly has detected a malfunction code.
- If, after approx. 6 seconds have elapsed, the SRS warning light sometimes lights up, or the SRS warning light lights up even when the ignition switch is OFF, a short in the SRS warning light circuit can be considered likely. Proceed to “SRS” warning light system” on page RS–125.



Diagnostic trouble code check

Using diagnosis check wire:

1. OUTPUT DIAGNOSTIC TROUBLE CODE

- (a) Turn the ignition switch to ACC or ON position and wait approx. 20 seconds.
- (b) Using SST, connect terminals Tc and E₁ of the DLC1 or DLC2.

SST 09843–18020

NOTICE: Never make a mistake with the terminal connection position as this will cause a malfunction.