

# COLLISION REPAIR INFORMATION

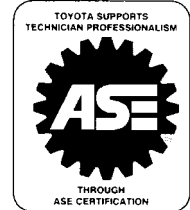
## FOR THE TOYOTA DEALER

TITLE: SRS AIRBAG COMPONENT REPLACEMENT PAGE 1 of 4

SECTION: ELECTRICAL BULLETIN #55

MODELS: ALL

DATE: FEBRUARY 1994



After an air bag has been deployed during a collision, it will be necessary to replace certain components of the SRS 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, it will be 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 diagnosis 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, special tools, specific to Toyota and a repair procedures manual.

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

**NOTE: PLEASE ROUTE THIS BULLETIN TO YOUR BODY SHOP MANAGER!**



**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

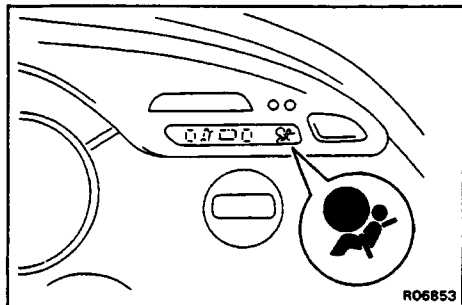
**Note 6** – Replace center airbag sensor assembly if:

- 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.

**SUPPLEMENTAL RESTRAINT SYSTEM – TROUBLESHOOTING**

**RS-57**



**DIAGNOSIS INSPECTION**

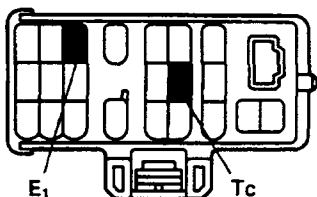
**SRS warning light check**

- (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.

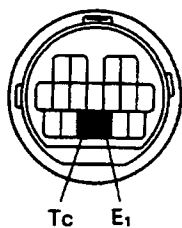
**HINT:**

- When the ignition switch is at ACC or ON and the SRS warning light remains on or flashes, the center airbag 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 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

**DLC 1**



**DLC 2**



W-23-1-A  
S-17-1

**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.