

# COLLISION REPAIR INFORMATION

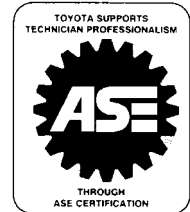
## FOR THE TOYOTA DEALER

TITLE: SRS AIRBAG COMPONENT REPLACEMENT PAGE 1 of 6

SECTION: ELECTRICAL BULLETIN #79

MODELS: ALL

DATE: AUGUST 1997



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

If the airbag does not deploy, yet the combination meter (airbag 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 (pages 2–4).
- Parts replacement note (page 5).
- An example repair manual page outlining the diagnostic procedure available in each model specific repair manual (page 6).

Toyota recommends the use of electrical repair kit (P/N 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 P/N 82988–24010.

Toyota also offers a video package which shows the operation of the SRS airbag system (P/N 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	97	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
TERCEL	96	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
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	SEE NOTE 5	REPLACE	N/A	N/A	SEE NOTE 4
PASEO	97	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
PASEO	96	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	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	REPLACE	N/A	N/A	N/A
COROLLA	97	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
COROLLA	96	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
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	REPLACE	N/A	N/A	N/A
CELICA	97	R&R BOTH	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
CELICA	96	R&R BOTH	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
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	REPLACE	REPLACE	N/A	REPLACE	SEE NOTE 4
MR2	94-95	R&R BOTH	REPLACE	SEE NOTE 5	REPLACE	REPLACE	REPLACE	SEE NOTE 2	SEE NOTE 4
MR2	91-93	R&R BOTH	SEE NOTE 6	SEE NOTE 5	REPLACE	REPLACE	N/A	N/A	SEE NOTE 4
CAMRY	97	N/A	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
CAMRY	96	R&R BOTH	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	REPLACE	SEE NOTE 4
CAMRY	94-95	R&R BOTH	REPLACE	SEE NOTE 5	SEE NOTE 5	REPLACE	REPLACE	SEE NOTE 2	SEE NOTE 4





**Component Replacement Notes**

**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 only if wire harness connector is damaged.

**Note 4b** – Replace wire harness if damaged.

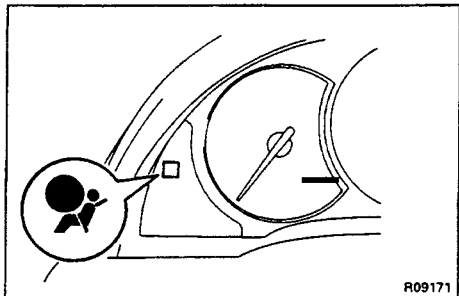
**Note 5** – Replace the following items if deformed:

- 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-33**


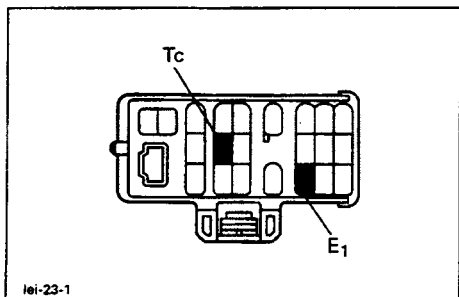
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**DIAGNOSIS INSPECTION**
**SRS warning light check**

- (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 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 malfunction" on page RS-69, 70.



lei-23-1

**DTC check**
**Using diagnosis check wire:**
**1. OUTPUT DTC**

- (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.

SST 09843-18020

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