

Technical Service Information

When the SRS warning light illuminates, this indicates that a diagnostic code has been set in the SRS ECU memory. The following is the procedure for clearing codes stored in the SRS ECU memory.

DIAGNOSTIC CODE CHECK

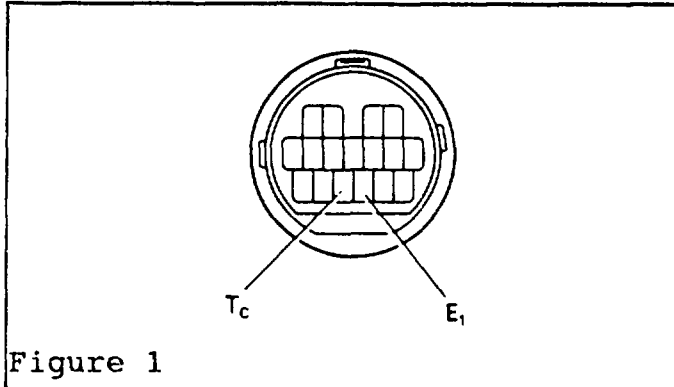


Figure 1

OUTPUT DIAGNOSTIC CODE:

- o Turn the ignition switch to the "ACC" or "ON" position.
- o Connect terminals Tc and E1 of the TDCL connector (figure 1) together with SST 09843-18020.

NOTICE: Take care not to connect your SST to the incorrect terminals.

- o The SRS warning light will begin flashing stored diagnostic code(s).

READING A DIAGNOSTIC CODE:

- o Normal code indication. The light will blink 2 times per second.
- o Malfunction code indication. All diagnostic codes are two digits in length. The light will flash the first digit at 0.5 second intervals between flashes, pause for 1.5 seconds, then flash the second digit at .5 second intervals between flashes. A 2.5 second pause will take place before the next code is output (in case of more than one code being set). Finally, a 4 second pause will occur when the system starts repeating stored codes again. (See Figure 2)

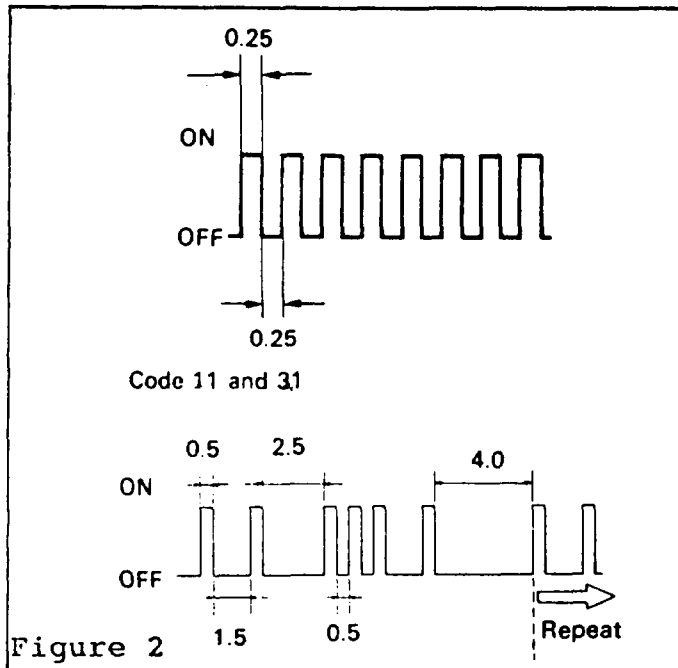
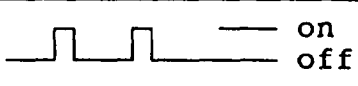

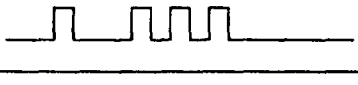

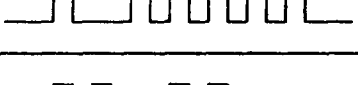
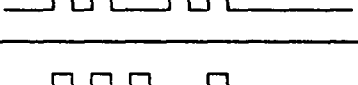





Figure 2

DIAGNOSTIC CODE CHECK (Continued):

The following is a summary of diagnostic codes. Refer to the SRS section of the appropriate repair manual for further information.

CODE	Warning Light Pattern	Description
11		Short in squib or front airbag sensor circuit to ground
12		Short in squib or front airbag sensor circuit to B+
13		Short in squib circuit
14		Open in squib circuit
15		Open in front airbag sensor circuit
22		Airbag warning light system malfunction
31		Center airbag sensor assembly malfunction
41		Malfunction stored in memory
no code		Source voltage drop/ <u>NORMAL CODE</u>

CLEARING DIAGNOSTIC CODES:

- o Clear diagnostic codes 11 through 31 by disconnecting the ground terminal to the battery then reconnecting it after 10 seconds (Code 41 requires a special procedure).
 NOTICE: It is important to remember to have the ignition switch in the LOCK position when connecting the battery after the code clearing procedure. If the battery is connected with the ignition switch in the ACC or ON position, there is a possibility the diagnostic system will not function properly.
- o Code 41 will remain in backup memory after this procedure as a safety function to indicate that a previous diagnostic code existed.

CLEARING CODE 41

o To clear backup memory of code 41, a special procedure described in the repair manual is required. This procedure sends a message to the SRS computer telling it to reset and clear all codes. However, timing is critical during this procedure and it can be difficult.

PROCEDURE:

o The following is an alternate procedure for clearing Code 41 that is not as complicated to perform as the procedure described in the repair manual.

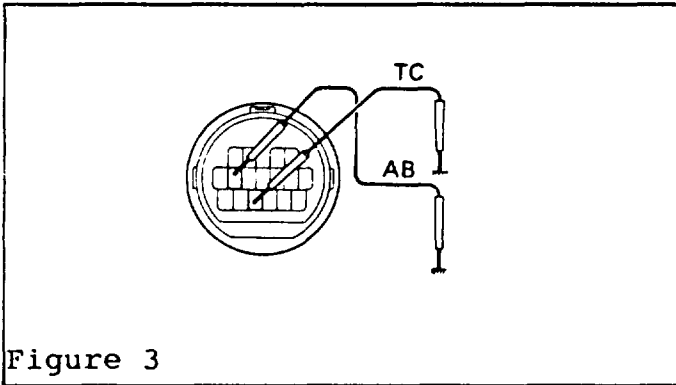


Figure 3

1. With the engine off, connect service wires to terminals Tc and AB of the TDCL connector located in drivers side lower dash area (see Figure 3).

NOTE: Make sure you use a good body ground and that the service wires make proper contact with the terminals.

	Time	Tc	AB	
C Y C L E	0.0 sec	√		Gnd Tc
	0.5 sec	√	√	Gnd AB/Tc
	1.0 sec		√	Open Tc
1 C Y C L E	1.5 sec			Open AB/Tc
	2.0 sec	√		Gnd Tc
	2.5 sec	√	√	Gnd AB/Tc
2 C Y C L E	3.0 sec		√	Open AB
	3.5 sec			Open AB/Tc
	4.0 sec	√		Gnd AB
3 C Y C L E	4.5 sec	√	√	Gnd AB/Tc
	5.0 sec		√	Open AB
	5.5 sec			Open AB/Tc
	6.0 sec	√		Gnd Tc and hold.

√ = Ground this terminal

2. Turn the ignition switch to "ACC" or "ON" and wait approximately six (6) seconds (until the SRS warning light goes out).
3. Starting with the Tc terminal, apply body ground alternately to terminal Tc and terminal AB at 0.5 second intervals. Repeat this for three (3) cycles as shown in Figure 4.
4. Finish with the application of ground to terminal Tc (terminal AB should be open at this time).
5. Cancellation is completed when the SRS Warning Light starts to blink very quickly (64 millisecond cycle).
6. Remove the service wires.