DI16K\_06

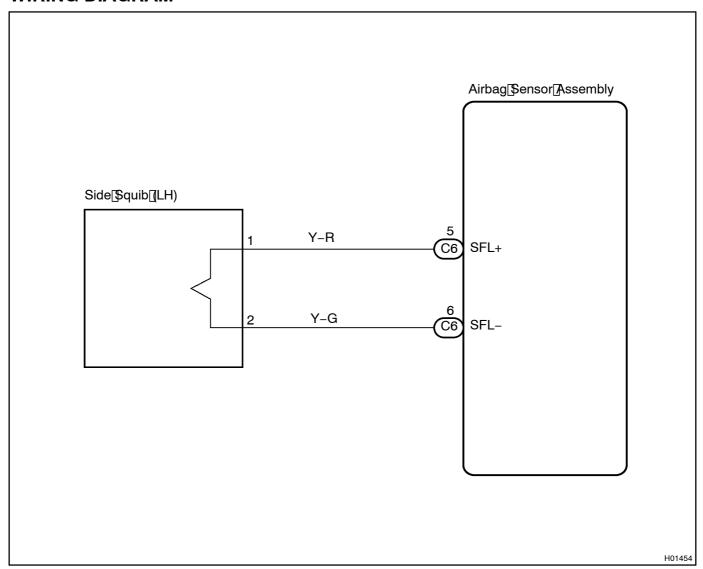
DTC B0115/47 Short n Side Squib (LH) Circuit

# **CIRCUIT** DESCRIPTION

The side squib (LH) circuit consists of the airbag sensor assembly and side airbag assembly (LH). It causes the SRS to deploy when the SRS deployment conditions are satisfied. For details of the function of each component, see OPERATION on page RS-2. DTC B0115/47 is recorded when a short side tected in the side squib (LH) circuit.

DTC[No.	DTC[Detecting[Condition	Trouble[Area
B0115/47	Short@ircuit@etween@FL+@vire@narness@nd@FL-@vire harness@ff@quib Side@squib@LH)@nalfunction Airbag@ensor@assembly@nalfunction	Side airbag assembly (LH) Airbag sensor assembly Wire harness

# **WIRING DIAGRAM**

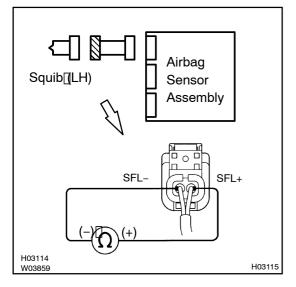


# INSPECTION PROCEDURE

1 | Prepare for inspection. (See step 1 on page DI-503)



2 | Check[\$ide[\$quib[(LH)]circuit.



# **PREPARATION:**

 $Release \verb|[airbag|]| activation \verb|[prevention|]| mechanism \verb|[bf|]| the \verb|[connector|]| on \verb|[the]|| airbag \verb|[sembly]|| sembly \verb|[airbag|]| as sembly \verb|[airbag|]| as sembly \verb|[airbag|]| LH).$ 

(See page DI-386)

#### **CHECK:**

For the connector (on the airbag sensor assembly side) between the side airbag assembly (LH) and airbag sensor assembly, measure the resistance between SFL+ and SFL-.

# OK:

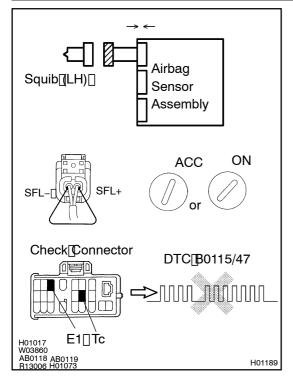
Resistance: 1 M $\Omega$  or Higher

NG `

Repair or replace harness or connector between the side airbag assembly (LH) and airbag sensor assembly.

OK

# 3 | Checkairbagsensorassembly.



#### PREPARATION:

- (a) Connect the connector of the airbag sensor assembly.
- (b) Using@service[wire,@onnect[\$FL+@nd[\$FL-@f[t]he@onnector[[on[t]he@ide@irbag@ssembly@ide)[between[t]he@irbag@ssembly[LH).
- (c) Connect[hegative[-)[terminal[cable[to[the[battery,[and wait[att]east]]or[2]seconds.

#### **CHECK:**

- (a) Turn ignition switch to ACC or ON and wait at least for 20 seconds.
- (b) Clear DTC code stored in memory. (See page DI-386)
- (c) Turn ignition switch to LOCK, and wait at least for 20 seconds.
- (d) Turn ignition switch to ACC or ON, and wait at least for 20 seconds.
- (e) Check DTC. (SeepageDI-386)

# OK:

# DTC B0115/47 is not output.

#### HINT:

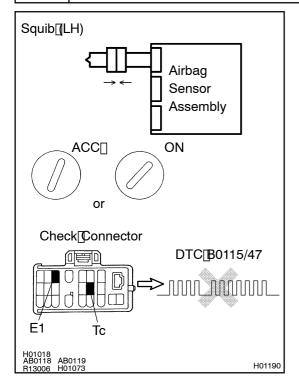
Codes other than DTC B0115/47 may be output at this time, but they are not relevant to this check.

NG

Replace airbag sensor assembly.

OK

# 4 Check[\$ide[\$quib[(LH).



#### PREPARATION:

- (a) Turn ignition switch to LOCK.
- (b) Disconnect negative no near negative and wait at neast for 90 seconds.
- (c) Connect he side air bag assembly LH connector.
- (d) Connect[negative[-)[terminal[cable[to[the[battery,[and wait[att]east]]or[2]\$econds.

#### **CHECK:**

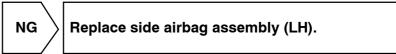
- (a) Turn ignition witch io LOOK, and at least for 20 second.
- (b) Turn[ignition]switch[to]ACC[or[ON,]and[wait]at[]east[for[20] seconds.
- (c) Clear DTC stored in memory. (See page DI-386)
- (d) Turn ignition switch to LOCK, and wait at least for 20 seconds.
- (e) Turn ignition switch to ACC or ON, and wait at least for 20 seconds.
- (f) Check DTC. (See page DI-386)

# OK:

#### DTC B0115/47 is not output.

### HINT:

Codes other than DTC B0115/47 may be output at this time, but they are not relevant to this check.





From the results of the above inspection, the malfunctioning part can now be considered normal. To make sure of this, use the simulation method to check. If the malfunctioning part can not be detected by the simulation method, replace all SRS components including the wire harness.