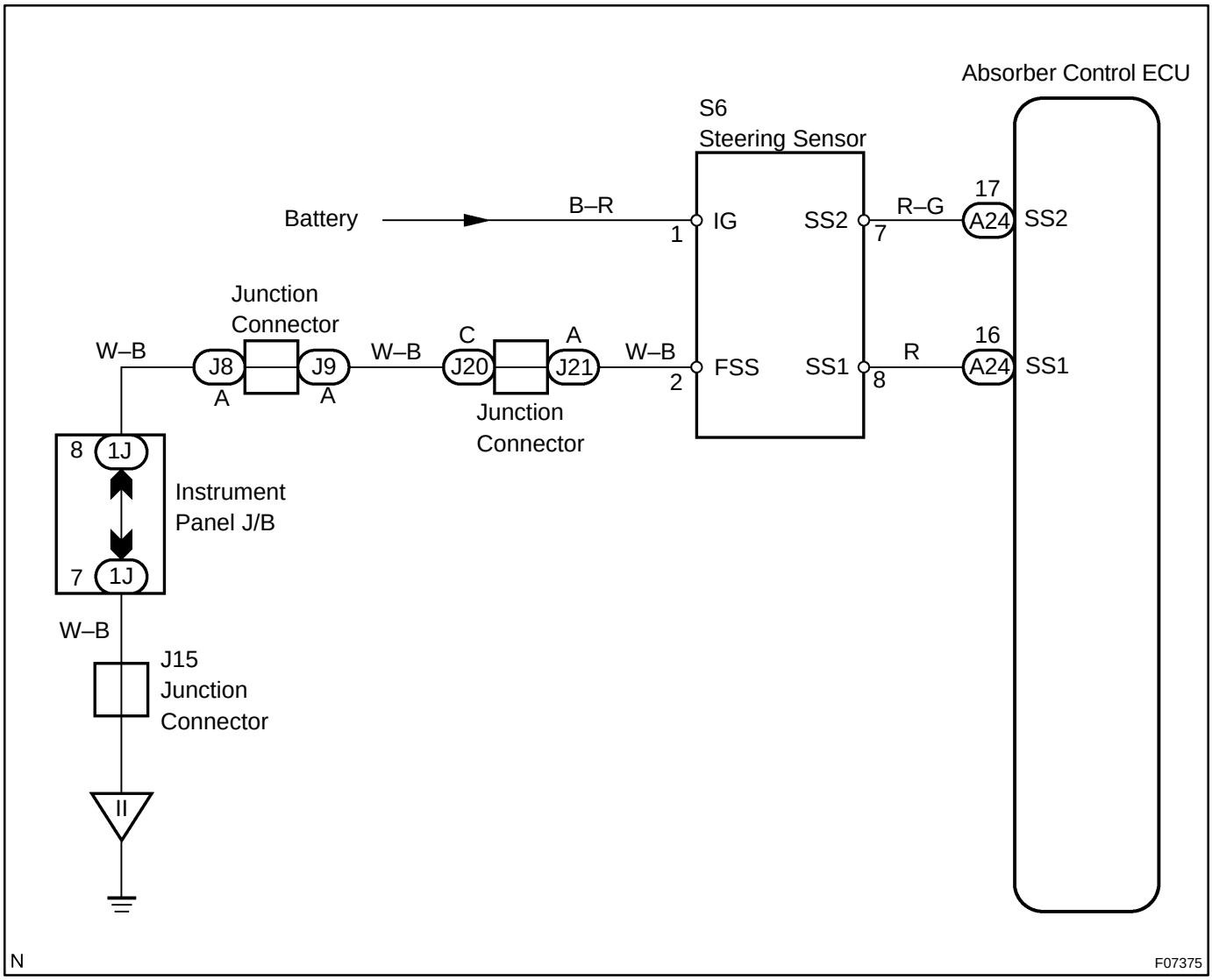
DI0AL–05

| DTC | 36 | Steering Sensor Circuit |
|---|---|---|

## CIRCUIT DESCRIPTION

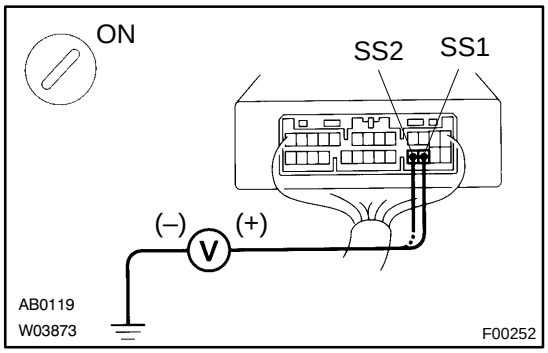
| DTC No. | DTC Detecting Condition | Trouble Area |
|---|---|---|
| 36 | When steering angle is less than 36˚, or any signal is not input at all. | ●Battery<br>●Steering sensor<br>●Open or short circuit in between absorber control ECU and steering sensor<br>●Absorber control ECU |

## WIRING DIAGRAM



# INSPECTION PROCEDURE

| | |
|---|---|
| 1 | **Check voltage between terminals SS1 and SS2 of absorber control ECU connector and body ground.** |




**PREPARATION:**

(a) Remove the No.1 lower panel (See page BO–82).

(b) Turn the ignition switch ON.

**CHECK:**

Measure the voltage between terminals SS1 and SS2 of the absorber control ECU connector and the body ground when the steering wheel is turned slowly.

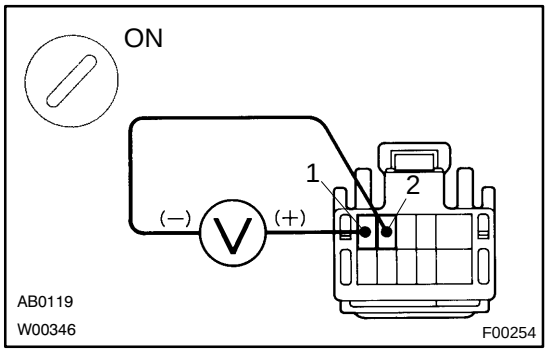
**OK:**

**Changes between 1 V and approx. 3.5 V**

| | |
|---|---|
| OK | **Proceed to next circuit inspection shown on problem symptoms table (See page DI–224).** |

NG

| | |
|---|---|
| 2 | **Check voltage between terminals 1 and 2 of steering sensor connector.** |




**PREPARATION:**

(a) Remove the steering wheel lower No.2 and No.3 covers, steering wheel pad, steering wheel column upper and lower covers (See page SR–11).

(b) Disconnect the steering sensor connector.

(c) Turn the ignition switch ON.

**CHECK:**

Measure the voltage between terminals 1 and 2 of the steering sensor connector.

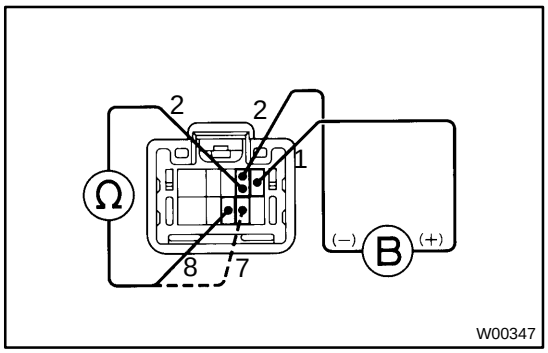
**OK:**

**Voltage: 10 – 14 V**

| | |
|---|---|
| NG | **Check and repair harness and connectors between battery and steering sensor.** |

OK

| | |
|---|---|
| 3 | **Check steering sensor.** |




**PREPARATION:**
Apply battery positive voltage in between terminals 1 and 2.
**CHECK:**
Measure the resistance between terminal 2 and terminals 7 and 8 of the steering sensor connector when the rotating part of the steering sensor is turned slowly.
**OK:**

**Changes between 0 Ω and ∞ Ω**

**NG** → **Replace steering sensor.**

**OK**

| | |
|---|---|
| 4 | **Check harness and connectors between absorber control ECU and steering sensor (See page IN–31).** |

**NG** → **Repair or replace harness or connector.**

**OK**

**Check and replace absorber control ECU.**