DI9QZ–01

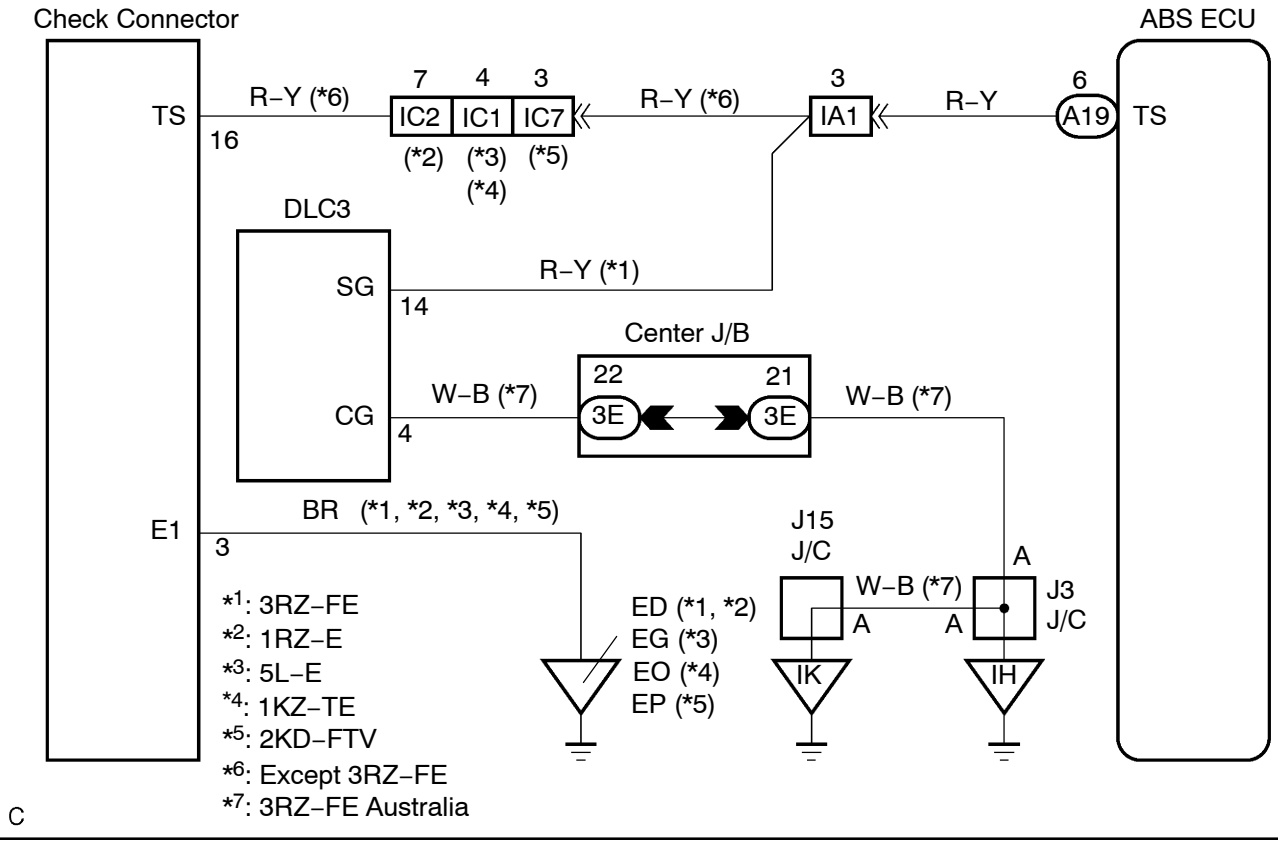
Ts Terminal Circuit

CIRCUIT DESCRIPTION

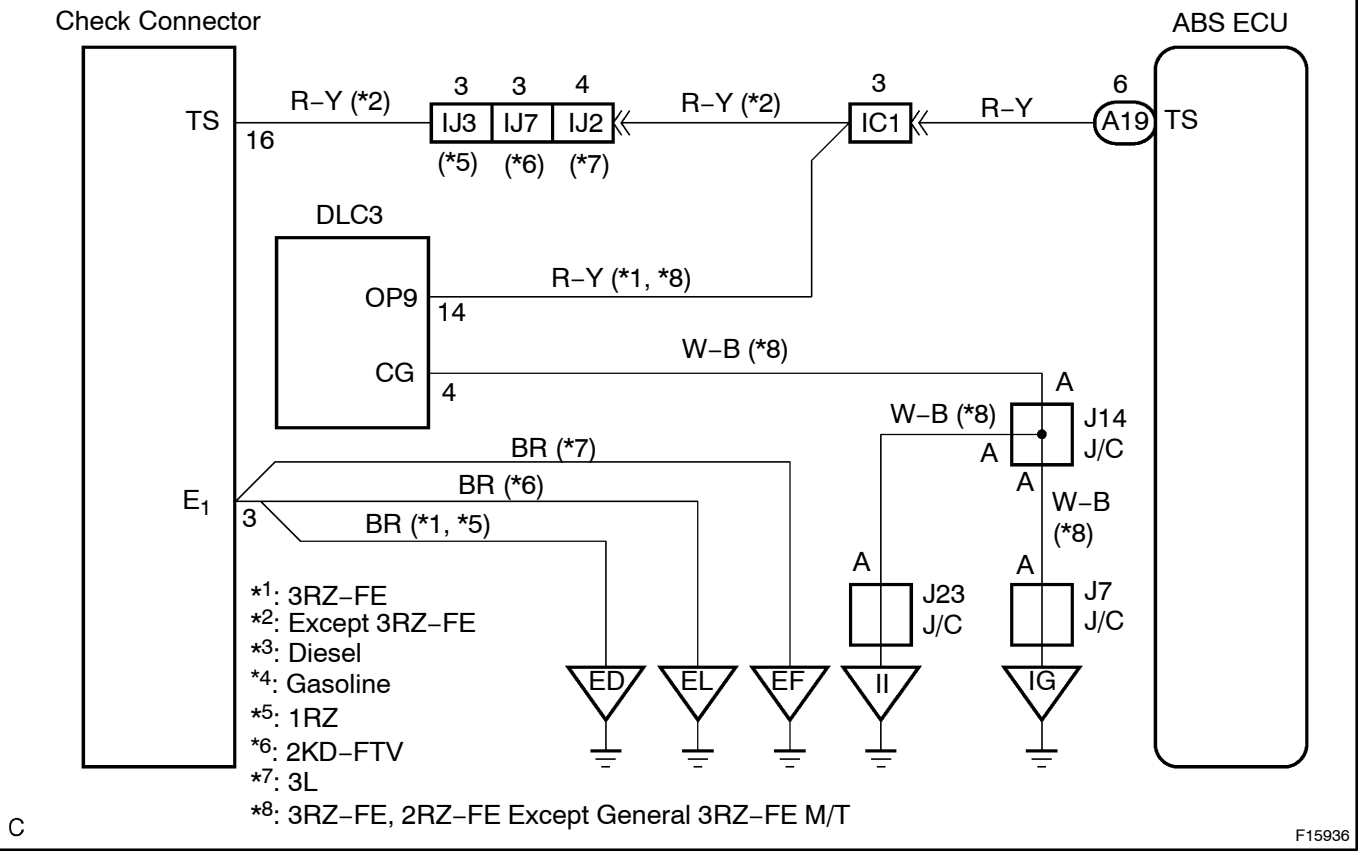
The sensor check circuit detects abnormalities in the speed sensor signal which cannot be detected with the DTC check.
Connecting terminals Ts and E_1 of the check connector in the engine compartment starts the check.

WIRING DIAGRAM

RHD:

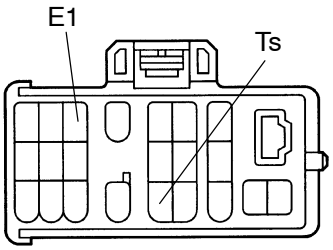


LHD:


Check Connector
ABS ECU
TS
16
R–Y (*2)
3
3
4
IJ3
IJ7
IJ2
(*5)
(*6)
(*7)
R–Y (*2)
3
IC1
R–Y
6
A19
TS
DLC3
OP9
14
R–Y (*1, *8)
CG
4
W–B (*8)
A
W–B (*8)
J14
J/C
A
A
W–B
(*8)
BR (*7)
BR (*6)
BR (*1, *5)
E1
3
A
J23
J/C
A
J7
J/C
ED
EL
EF
II
IG
*1: 3RZ–FE
*2: Except 3RZ–FE
*3: Diesel
*4: Gasoline
*5: 1RZ
*6: 2KD–FTV
*7: 3L
*8: 3RZ–FE, 2RZ–FE Except General 3RZ–FE M/T
C
F15936

INSPECTION PROCEDURE

1	**Check voltage between terminals Ts and E_1 of check connector.**



Check Connector
F02201

CHECK:

(a) Turn the ignition switch ON.

(b) Measure voltage between terminals Ts and E_1 of check connector.

OK:

Voltage: 10 – 14 V

OK → **If ABS warning light does not blink even after Ts and E_1 are connected, the ECU may be defective.**

NG

2	**Check for open and short in harness and connector between ABS ECU and check connector, check connector and body ground (See page IN–26).**

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

OK

Check and replace ABS ECU (See page DI–53).