

AUDIO AND VISUAL SYSTEM Reverse Signal Circuit

DESCRIPTION

for M15A-FKS, G16E-GTS (for Manual Transaxle)

The radio and display receiver assembly receives a reverse signal from the back-up light switch assembly.

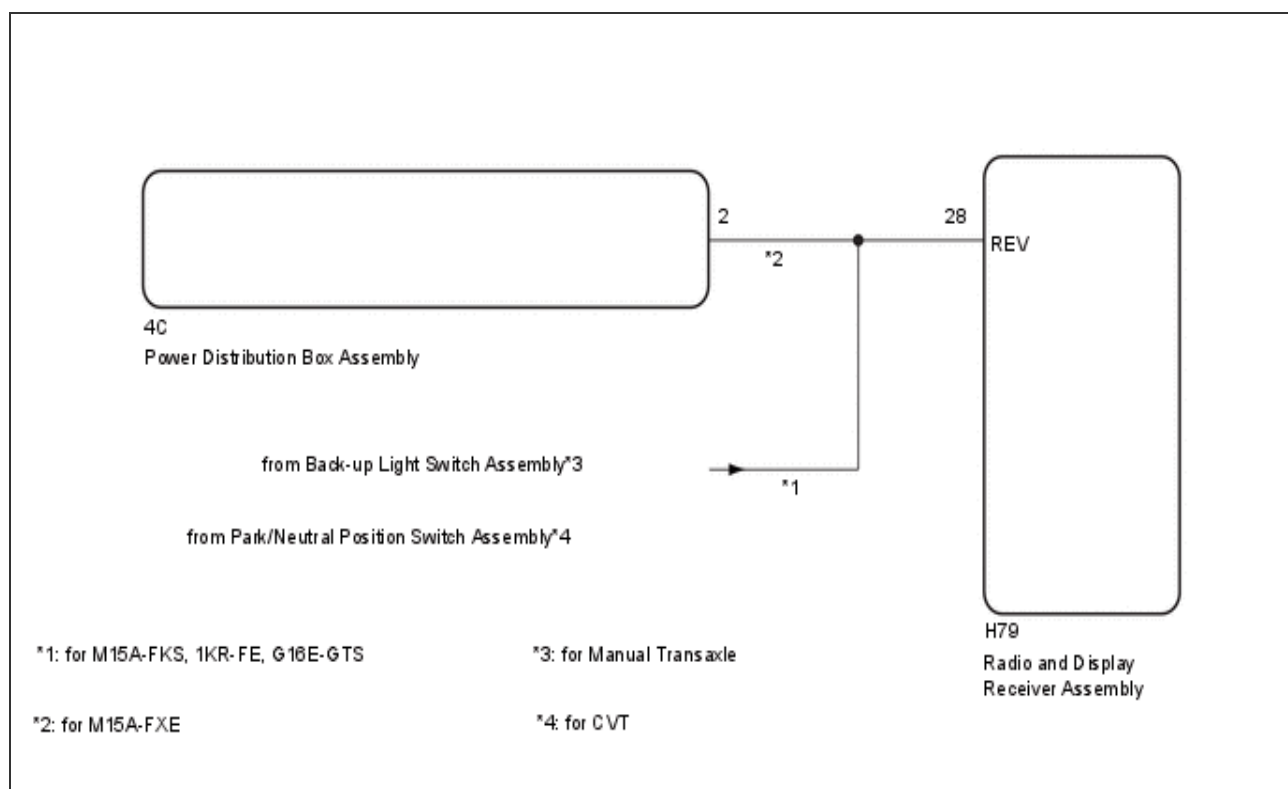
for M15A-FKS (for CVT)

The radio and display receiver assembly receives a reverse signal from the park/neutral position switch assembly.

for M15A-FXE, 1KR-FE

The radio and display receiver assembly receives a reverse signal from the power distribution box assembly.

WIRING DIAGRAM



PROCEDURE

1. CHECK BACK-UP LIGHT

- Move the shift lever to R and check if the back-up lights come on.

OK

The back-up lights come on.

Result

Proceed to
OK
NG

NG

GO TO LIGHTING SYSTEM

[Click here](#)

OK

2. **CHECK HARNESS AND CONNECTOR (REVERSE SIGNAL)**

- Disconnect the H79 radio and display receiver assembly connector.
- Measure the voltage according to the value(s) in the table below.

Standard Voltage

Tester Connection	Switch Condition	Specified Condition
H79-28 (REV) - Body ground	Ignition switch ON Shift lever in R	11 to 14 V
H79-28 (REV) - Body ground	Ignition switch ON Shift lever not in R	Below 1 V

Result

Proceed to

OK

NG

OK

**PROCEED TO NEXT SUSPECTED AREA SHOWN IN
PROBLEM SYMPTOMS TABLE**

[Click here](#)

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3. **CHECK HARNESS AND CONNECTOR (RADIO AND DISPLAY RECEIVER ASSEMBLY -
POWER DISTRIBUTION BOX ASSEMBLY)**

- a. Disconnect the H79 radio and display receiver assembly connector.
- b. Disconnect the 4C power distribution box assembly connector.
- c. Measure the resistance according to the value(s) in the table below.

Standard Voltage

Tester Connection	Condition	Specified Condition
H79-28 (REV) - 4C-2	Always	Below 1 Ω
H79-28 (REV) or 4C-2 - Body ground	Always	10 k Ω or higher

Result

Proceed to

OK

NG

OK

REPLACE POWER DISTRIBUTION BOX ASSEMBLY

for RHD: [Click here](#)

for LHD: [Click here](#)

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REPAIR OR REPLACE HARNESS OR CONNECTOR