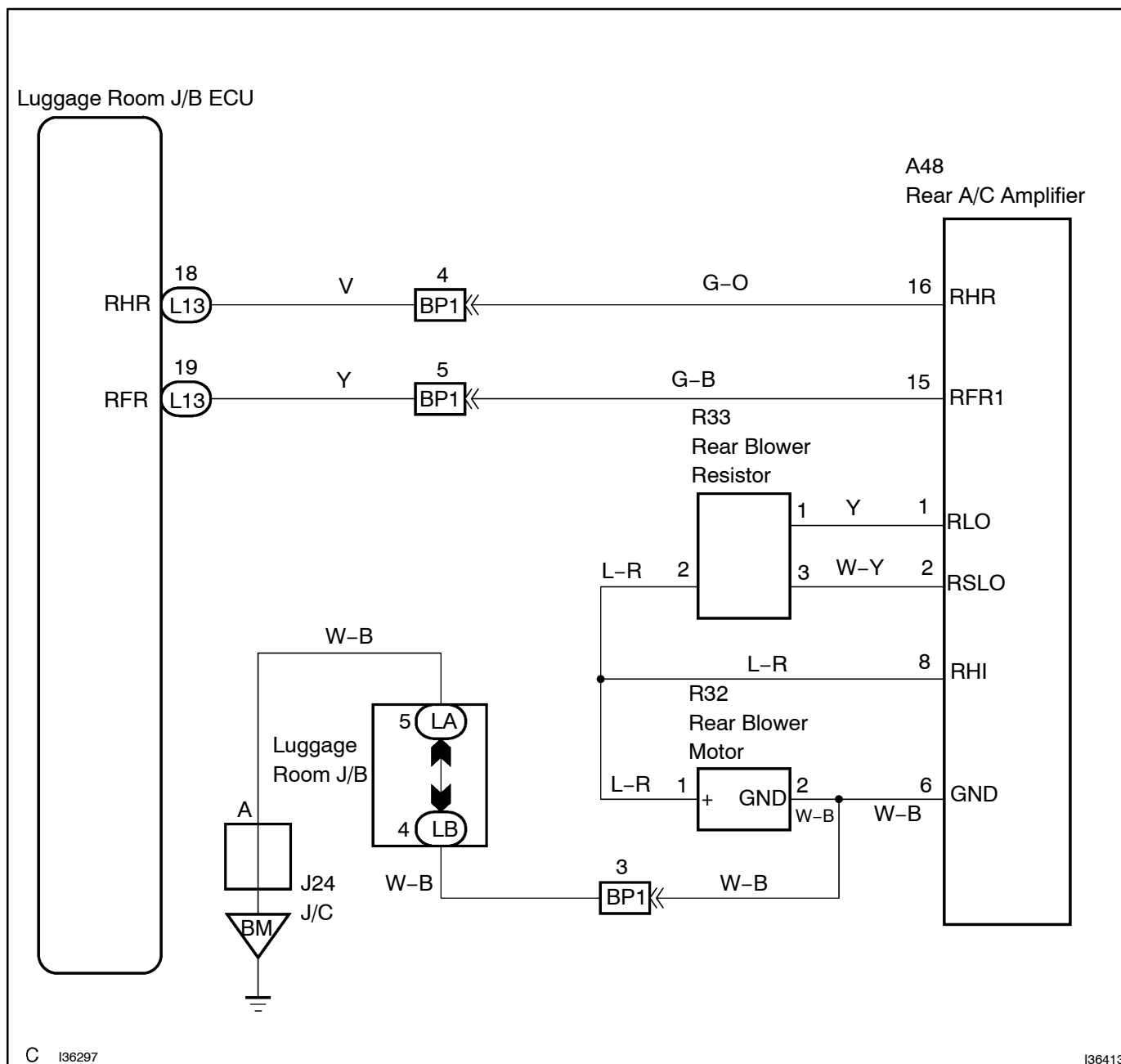


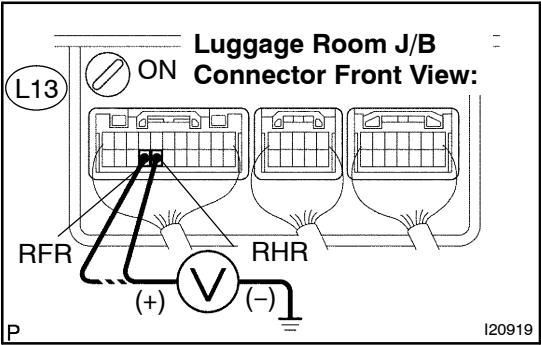
CIRCUIT DESCRIPTION

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT LUGGAGE ROOM J/B ECU(RHR, RFR – BODY GROUND)



- (a) Remove the luggage room J/B with connectors still connected.
- (b) Turn the ignition switch to the ON position.
- (c) Measure the voltage according to the value(s) in the table below.

Standard:

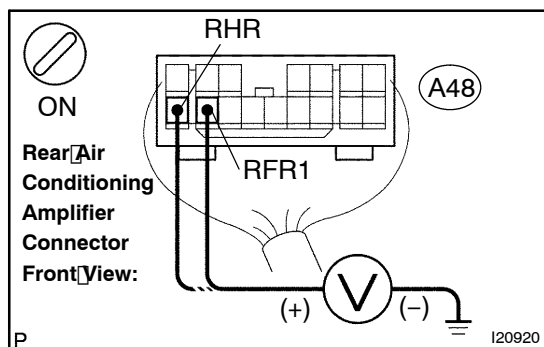
Tester connection	Condition	Specified condition
L13-18 (RHR) – Body ground	Rear blower switch to OFF position	Below 1 V
L13-18 (RHR) – Body ground	Rear blower switch to LO position	10 to 14 V
L13-18 (RHR) – Body ground	Rear blower switch to HI position	10 to 14 V
L13-19 (RFR) – Body ground	Rear blower switch to OFF position	Below 1 V
L13-19 (RFR) – Body ground	Rear blower switch to LO position	Below 1 V
L13-19 (RFR) – Body ground	Rear blower switch to HI position	10 to 14 V

NG Go to step 2

OK

Go to step 4

2 INSPECT REAR AIR CONDITIONING AMPLIFIER (RHR, RFR1)



- Remove the A/C amplifier with connectors still connected.
- Turn the ignition switch to the ON position.
- Measure the voltage according to the value(s) in the table below.

Standard:

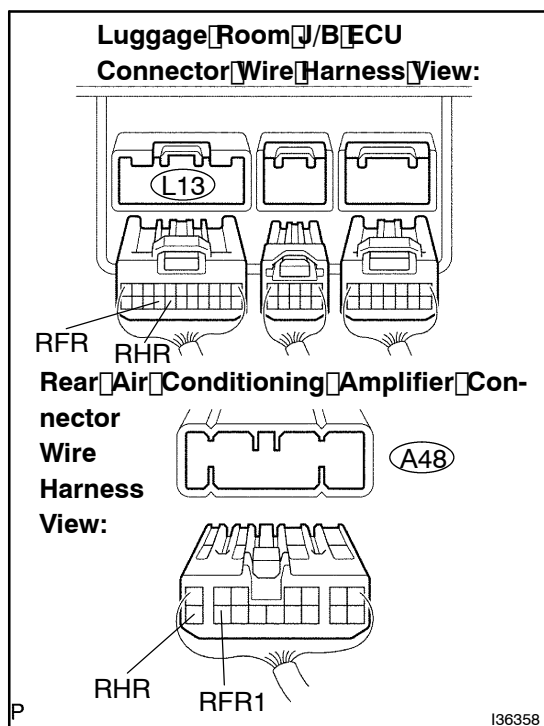
Tester connection	Condition	Specified condition
A48-16 (RHR) - Body ground	Rear blower switch to OFF position	Below 1 V
A48-16 (RHR) - Body ground	Rear blower switch to LO position	10 to 14 V
A48-16 (RHR) - Body ground	Rear blower switch to HI position	10 to 14 V
A48-15 (RFR1) - Body ground	Rear blower switch to OFF position	Below 1 V
A48-15 (RFR1) - Body ground	Rear blower switch to LO position	Below 1 V
A48-15 (RFR1) - Body ground	Rear blower switch to HI position	10 to 14 V

NG

Go to step 4

OK

3 CHECK HARNESS AND CONNECTOR (LUGGAGE ROOM J/B - REAR AIR CONDITIONING AMPLIFIER) (SEE PAGE 01-44)



- Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
RHR (L13-18) - RHR (A48-16)	Always	Below 1 Ω
RHR (L13-18) - Body ground	Always	10 k Ω or higher
RFR (L13-19) - RFR1 (A48-15)	Always	Below 1 Ω
RFR (L13-19) - Body ground	Always	10 k Ω or higher

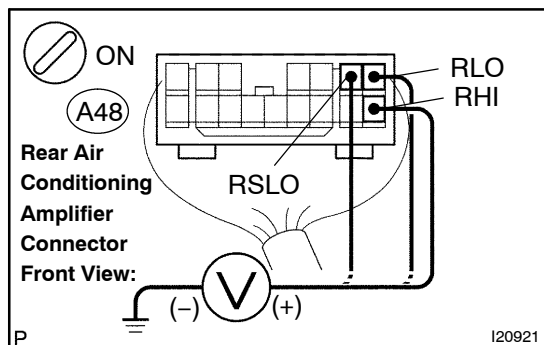
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE LUGGAGE ROOM J/B

4 INSPECT REAR AIR CONDITIONING AMPLIFIER(RHI, RLO, RSLO)



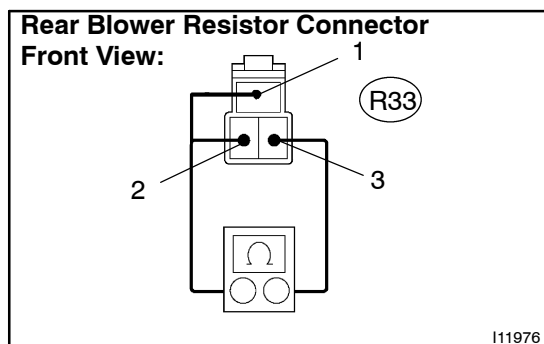
- Remove the rear A/C amplifier with connectors still connected.
- Turn the ignition switch to the ON position.
- Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A48-8 (RHI) - Body ground	Rear blower switch to OFF position	Below 1 V
A48-8 (RHI) - Body ground	Rear blower switch to LO position	10 to 14 V
A48-8 (RHI) - Body ground	Rear blower switch to HI position	10 to 14 V
A48-1 (RLO) - Body ground	Rear blower switch to OFF position	Below 1 V
A48-1 (RLO) - Body ground	Rear blower switch to LO position	Below 1 V
A48-1 (RLO) - Body ground	Rear blower switch to HI position	10 to 14 V
A48-2 (RSLO) - Body ground	Rear blower switch to OFF position	Below 1 V
A48-2 (RSLO) - Body ground	Rear blower switch to LO position	10 to 14 V
A48-2 (RSLO) - Body ground	Rear blower switch to HI position	Below 1 V

NG
Go to step 5
OK
Go to step 7

5 INSPECT REAR BLOWER RESISTOR



- Remove the rear blower resistor.
- Measure the resistance according to the value(s) in the table below.

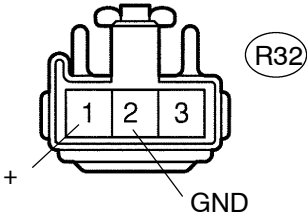
Standard:

Tester connection	Condition	Specified condition
R33-1 - R33-3	Always	5.2 to 6.0 Ω
R33-2 - R33-3	Always	10.5 to 12.1 Ω

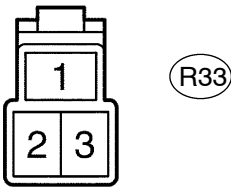
NG
REPLACE BLOWER RESISTOR
OK

6 CHECK HARNESS AND CONNECTOR (AIR CONDITIONING AMPLIFIER - BLOWER RESISTOR) (SEE PAGE 01-44)

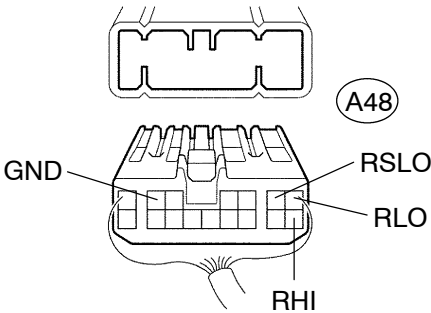
Rear Blower Motor Connector Wire Harness View:



Rear Blower Resistor Connector Wire Harness View:



Rear Air Conditioning Amplifier Connector Wire Harness View:



P I36262

(a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
A48-1 (RLO) - R33-1	Always	Below 1 Ω
A48-1 (RLO) - Body ground	Always	10 k Ω or higher
A48-2 (RSLO) - R33-3	Always	Below 1 Ω
A48-2 (RSLO) - Body ground	Always	10 k Ω or higher
A48-8 (RHI) - R33-2	Always	Below 1 Ω
A48-8 (RHI) - Body ground	Always	10 k Ω or higher
A48-8 (RHI) - R32-1 (+)	Always	Below 1 Ω
A48-6 (GND) - R32-2 (GND)	Always	Below 1 Ω
A48-6 (GND) - Body ground	Always	Below 1 Ω

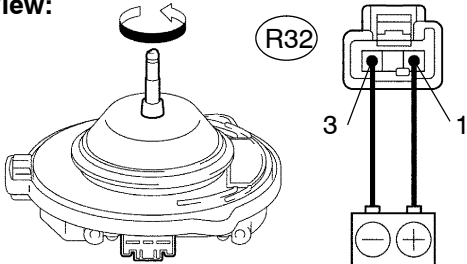
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

7 INSPECT REAR BLOWER MOTOR

Rear Blower Motor Connector Front View:



P I21459

- (a) Remove the blower motor.
(b) Connect the positive (+) lead to terminal 1 of the blower motor connector and negative (-) lead to terminal 3.

OK:

Blower motor operates smoothly.

NG

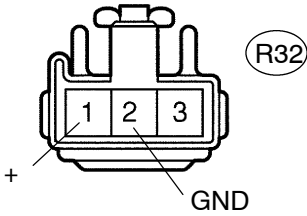
REPLACE BLOWER MOTOR

OK

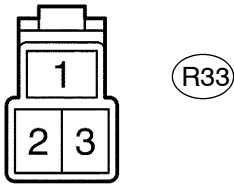
8

CHECK HARNESS AND CONNECTOR (BLOWER MOTOR – BLOWER RESISTOR)
(SEE PAGE 01-44)

Rear Blower Motor Connector
Wire Harness View:



Rear Blower Resistor Connector
Wire Harness View:



I41171

(a) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
R32-1 (+) – R33-2	Always	Below 1 Ω
R32-1 (+) – Body ground	Always	10 kΩ or higher
R32-2 (GND) – Body ground	Always	Below 1 Ω

NG

REPLACE OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE REAR AIR CONDITIONING AMPLIFIER (SEE PAGE 55-57)