

VEHICLE SPEED SIGNAL CIRCUIT

CIRCUIT DESCRIPTION

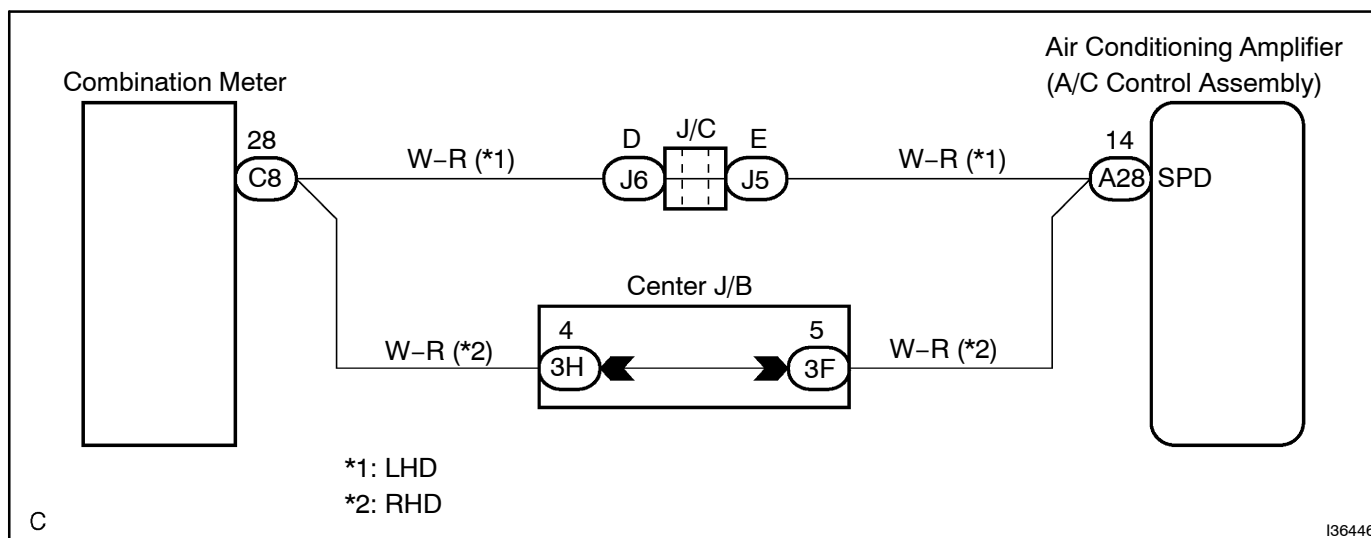
The A/C amplifier monitors the signal from the speed sensor via the combination meter.

The A/C amplifier assy uses this signal to revise the ambient temperature sensor signal.

Check that the speedometer in the combination meter operates normally before inspecting the vehicle speed signal circuit.

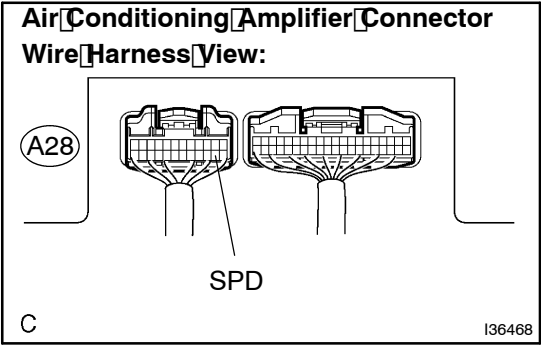
If the meter does not operate normally, refer to the combination meter system (see Pub. No. RM864E on page 05-645).

WIRING DIAGRAM



INSPECTION PROCEDURE

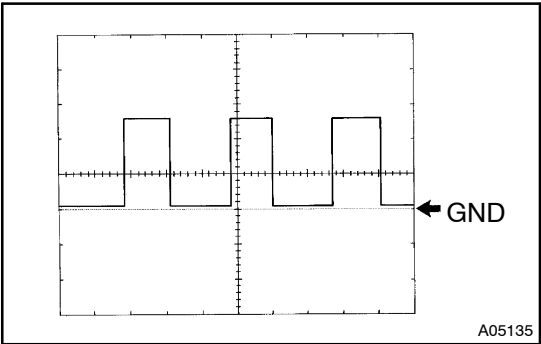
1 INSPECT AIR CONDITIONING AMPLIFIER (SPD)



- (a) Remove the A/C amplifier assy with the connectors still connected.
- (b) Move the shift lever to the Neutral position.
- (c) Lift up the vehicle.
- (d) Turn the ignition switch to the ON position.
- (e) Measure the voltage between terminal SPD of the A/C amplifier assy connector and body ground when turning the rear wheel slowly.

OK:

A waveform should be output as shown in the illustration.



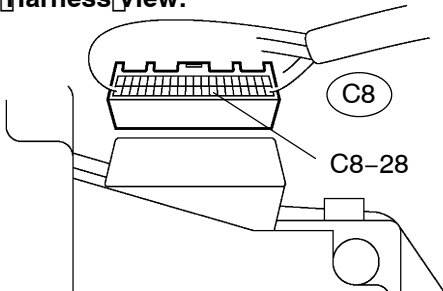
NG Go to step 2

OK

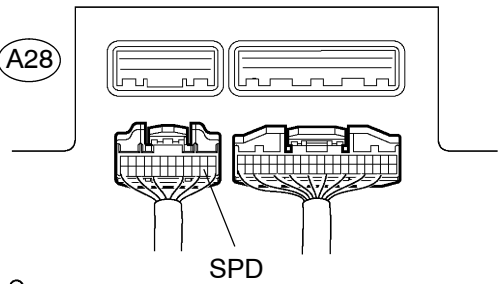
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-862)

2 CHECK HARNESS AND CONNECTOR (COMBINATION METER - AIR CONDITIONING AMPLIFIER) (SEE PAGE 01-32)

Combination Meter Connector
Wire Harness View:



Air Conditioning Amplifier Connector
Wire Harness View:



I36483

- (a) Disconnect the connectors from the combination meter and A/C amplifier.
- (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
C8-28 - A28-14 (SPD)	Always	Below 1 Ω
A28-14 (SPD) - Body ground	Always	10 k Ω or higher

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

GO TO COMBINATION METER SYSTEM (SEE PUB. NO. RM864E ON PAGE 05-645)