

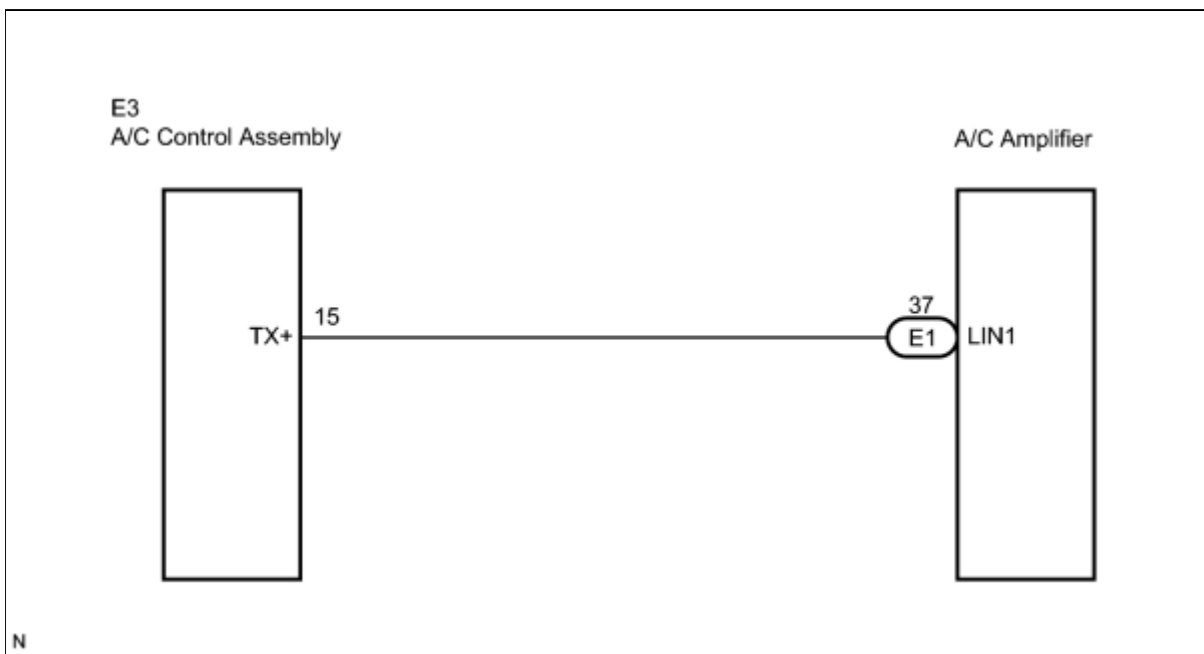
Last Modified: 7-13-2007		1.7 J
Service Category: Vehicle Interior	Section: Heating/Air Conditioning	
Model Year: 2008	Model: ES350	Doc ID: RM00000107R00JX
Title: AIR CONDITIONING: AIR CONDITIONING SYSTEM: LIN Communication Circuit (2008 ES350)		

LIN Communication Circuit

DESCRIPTION

The operation signal of a switch etc. is exchanged between terminal TX+ of the A/C control assembly and terminal LIN1 of the A/C amplifier.

WIRING DIAGRAM



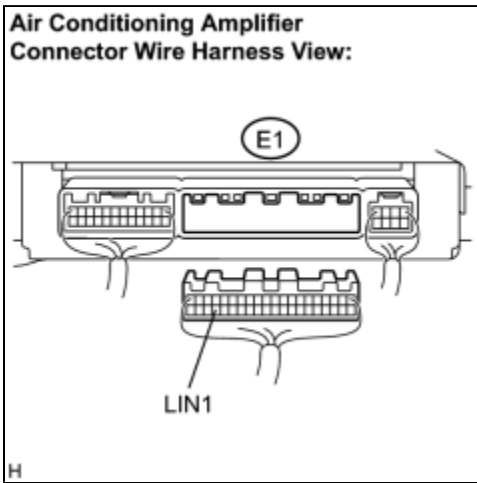
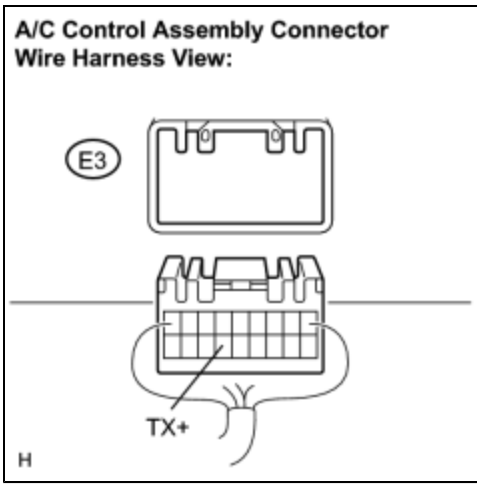
INSPECTION PROCEDURE

PROCEDURE

1.

CHECK HARNESS AND CONNECTOR (A/C CONTROL ASSEMBLY - AIR CONDITIONING AMPLIFIER)

(a) Disconnect the connector from the A/C control assembly.



(b) Disconnect the connector from the A/C amplifier.

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

Standard resistance:

TESTER CONNECTION (SYMBOLS)	CONDITION	SPECIFIED CONDITION
E1-37 (LIN1) - E3-15 (TX+)	Always	Below 1 Ω
E1-37 (LIN1) - Body ground	Always	10 k Ω or higher

NG ▶ REPAIR OR REPLACE HARNESS OR CONNECTOR

OK ▶ PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

