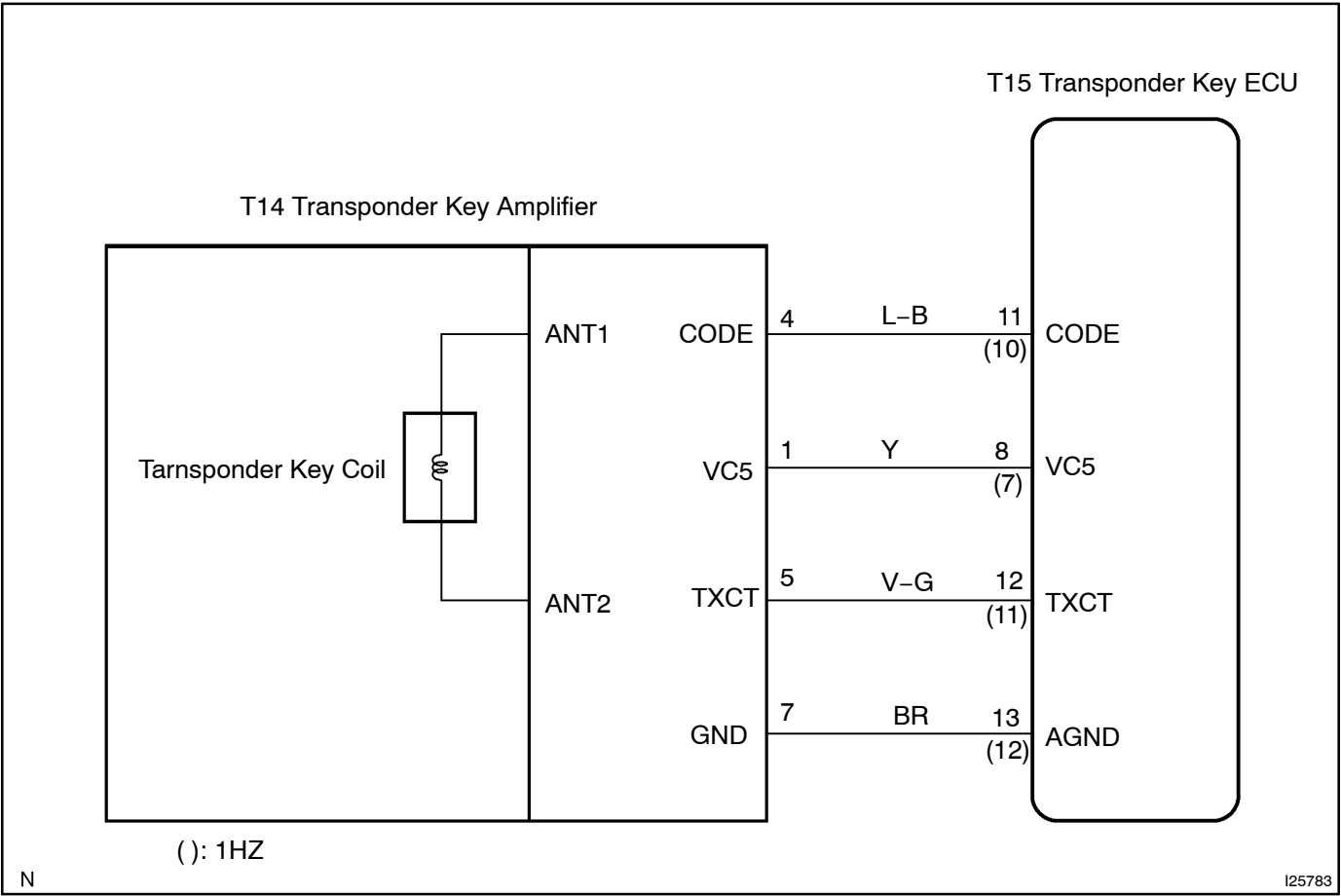DIB0U–01

DTC	B2796	No Communication in Immobiliser system

CIRCUIT DESCRIPTION

This DTC is stored in memory when the key that does not have a transponder chip is inserted or if communication between the key and transponder key ECU is impossible.

DTC No.	DTC Detecting Condition	Trouble Area
B2796	No communication	• Key • Transponder Key Amplifier with coil • Wire harness • Transponder Key ECU

WIRING DIAGRAM

T15 Transponder Key ECU

T14 Transponder Key Amplifier

Tarnsponder Key Coil

ANT1	CODE	4	L–B	11 (10)	CODE
	VC5	1	Y	8 (7)	VC5
ANT2	TXCT	5	V–G	12 (11)	TXCT
	GND	7	BR	13 (12)	AGND

( ): 1HZ

N

I25783

INSPECTION PROCEDURE

1	Delete DTC and insert all the presently available keys to check whether the engine starts or not.

RESULT:

A	All keys start the engine.
B	A specific key does not start the engine. In this case, DTC (B 2796) is stored in memory.
C	All keys do not start the engine. In this case, DTC (B 2796) is stored in memory.

A ⟩ No problem at this time.

HINT:

If the result is "A", please confirm whether or not customers have ever inserted the key (without transponder chip) of other vehicles in the ignition key cylinder, and find out the cause of detecting DTC.

B ⟩ **The transponder chip of a specific key is defective. Replace the key.**

C

2	Check wire harness and connector between transponder key amplifier and transponder key ECU (See page IN−38).

NG ⟩ **Repair or replace wire harness and connector.**

OK

3	Does it operate normally after replacement of transponder key amplifier?

Yes ⟩ **Replace transponder key amplifier.**

No

Replace the transponder key ECU.