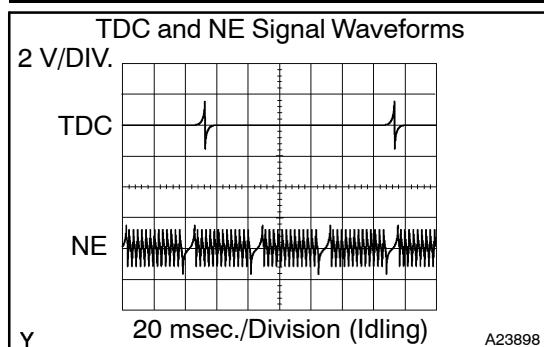


DTC	P0340/12	Engine Speed Sensor Circuit 1 (TDC or G1 Circuit)
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CIRCUIT DESCRIPTION

Refer to DTC P0335/13 on [page DI-56](#).

DTC No.	DTC Detection Condition	Trouble Area
P0340/12	No TDC signal to engine ECU at 400 rpm or more	• Open or short in crankshaft position sensor circuit • Crankshaft position sensor • Engine ECU



Reference: INSPECTION USING OSCILLOSCOPE

During cranking or idling, check between terminals TDC+ and TDC- of the engine ECU.

HINT:

The correct waveforms are as shown.

WIRING DIAGRAM

Refer to DTC P0335/13 on [page DI-56](#).

INSPECTION PROCEDURE

1	Check resistance of crankshaft position sensor (TDC) (See Pub No. RM617E, page ED-8).
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NG

Replace crankshaft position sensor.

OK

2	Check for open and short in harness and connector between engine ECU and crankshaft position sensor (See page IN-19).
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NG

Repair or replace harness or connector.

OK

3 **Inspect sensor installation.**

NG

Tighten sensor.

OK

Check and replace engine ECU ([See page IN-19](#)).