

DTC	C1779/79	CRANKSHAFT POSITION SENSOR CIRCUIT
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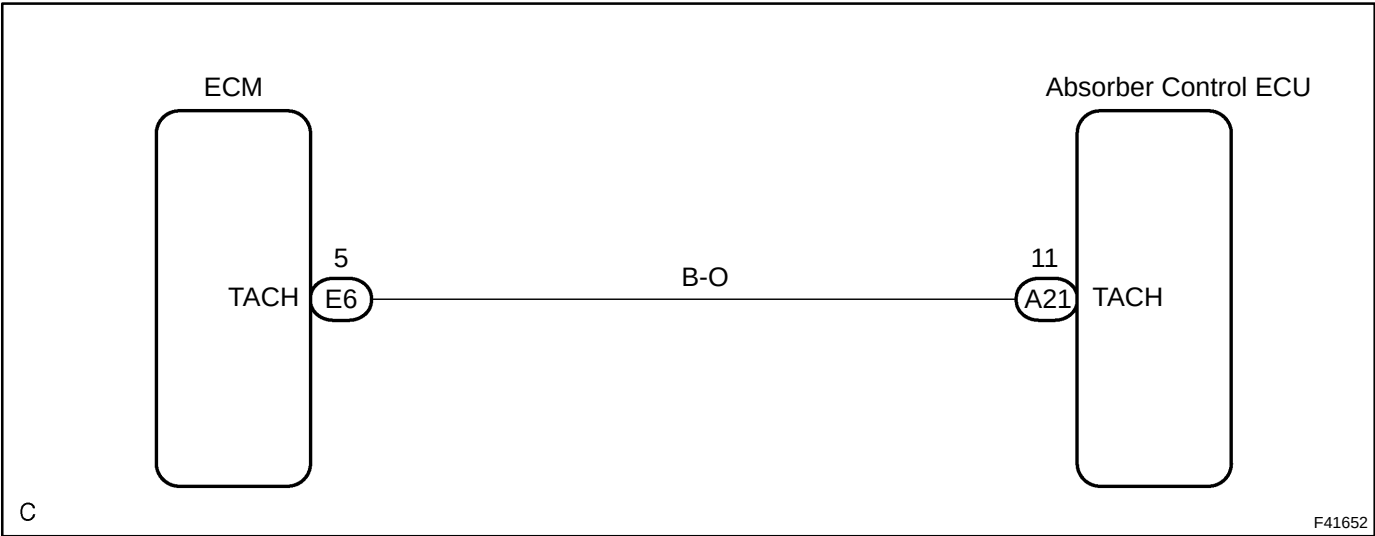
DTC	C1797/97	CRANKSHAFT POSITION SENSOR CIRCUIT
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CIRCUIT DESCRIPTION

The absorber control ECU receives the engine speed signal from the ECM.

DTC No.	DTC Detecting Condition	Trouble Area
C1779/79 C1797/97	With engine speed is less than 2,000 rpm, or any signal is not input at all.	•Crankshaft position sensor •Crankshaft position sensor circuit •ECM •Absorber control ECU

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR(ABSORBER CONTROL ECU - ECM)

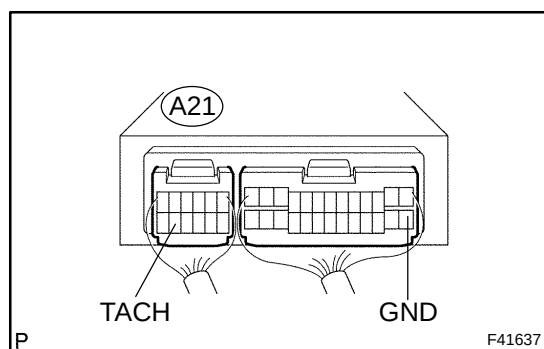
- (a) Check for open and short circuit in harness and connector between terminal THCH of absorber control and ECM (See page 01-31).

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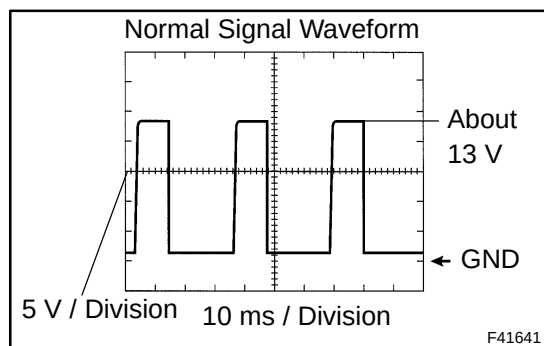
REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

2 INSPECT ABSORBER CONTROL ECU(TACH OUTPUT)



- (a) Remove the absorber control ECU with connector still connected.
 (b) Turn the ignition switch to ON.
 (c) Connect an oscilloscope to terminals A21 - 11 (TACH) and A22 - 14 (GND) of the absorber control ECU harness side connector.



- (d) With the engine idling, and check the signal waveform.

OK:

Signal wave form as shown in the illustration.

HINT:

As the engine speed becomes higher, the waveform cycle is getting shorter.

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CHECK AND REPLACE ECM(See page 01-31)

OK

CHECK AND REPLACE ABSORBER CONTROL ECU(See page 01-31)