

Diag. Code 13 RPM Signal Circuit (No.2)

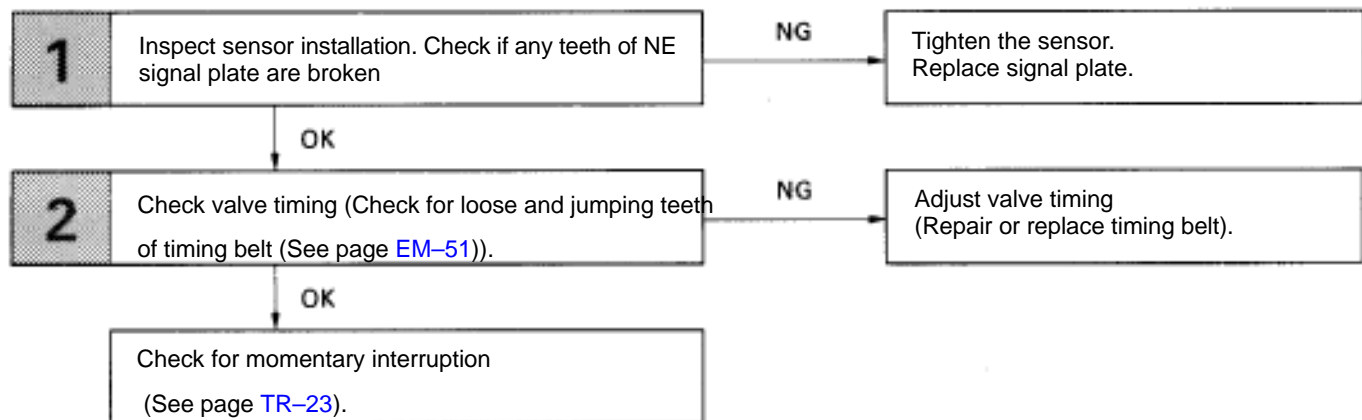
CIRCUIT DESCRIPTION

Refer to RPM signal circuit (No. 1) on page [TR-48](#).

Code No.	Diagnostic Code Detecting Condition	Trouble Area
13	No NE signal to ECU for 0.1 sec. or more at 1,000 rpm or more.	<ul style="list-style-type: none"> • Open or short in engine speed sensor circuit. • Engine speed sensor • ECU
	No 12 pulses of NE to ECU during the interval between G1 and G2 pulses.	<ul style="list-style-type: none"> • Open or short in engine speed sensor circuit. • Mechanical system malfunction (skipping teeth of timing belt, belt stretched) • Engine speed sensor • ECU
	Deviation in G (G1, G2) and NE signal continues for 1 sec. during idling (throttle fully closed) after engine warmed up.	<ul style="list-style-type: none"> • Mechanical system malfunction (skipping teeth of timing belt, belt stretched) • No. 1, No. 2 cam position sensor • ECU

DIAGNOSTIC CHART

HINT: Perform troubleshooting of diag. code 12 first. If no trouble is found, troubleshoot the following mechanical systems.



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