

Set Opposite Code

Meets NATEF Task: (A8-B-2) Diagnose the causes of emissions or driveability concerns with stored or active diagnostic trouble codes; obtain, graph, and interpret scan tool data. (P-1)

Name	Date	Time on Task				_
Make/Model/Year	VIN	Evaluation:	4	3	2	1
If a diagnostic trouble code is set, opposite code after clearing the or clear the DTC and attempt to set a	riginal code. For example, if	a throttle position (T				
	r, clear the code and turn the ignal low DTC should be set.	gnition switch on (en	gine	e of	f),	
the 5-volt reference to the	unplug the sensor connector signal terminal in the connect off) and the opposite DTC sh	for (not at the sensor)				
1. Set a DTC for TP or M	AP sensor.	@ \ .00				
a. Which sensor wb. What code set?c. Meaning of cod	vas used? e set?	8	K	1		I
2. Clear the DTC.						
3. Disconnect the sensor very to set the opposite code	wiring and use a jumper wire	1	ľ			-
a. What code wasb. OK I	set? NOT OK					
Results:						

If the opposite code *does* set, the cause of the original DTC is the result of a fault in the sensor (component) itself.

If the opposite DTC *does not* set, the problem is likely due to a wiring fault.

NOTE: Always consult a factory service manual for the factors that must be met for a DTC to be set. Be sure that all factors are present when attempting to set the opposite code.