

## **Set Opposite Code**

Meets NATEF Task: (A8-B-5) 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	Ĺ
If a diagnostic trouble code is set opposite code after clearing the o clear the DTC and attempt to set	riginal code. For example, if a	throttle position (TP) code is set,	· '2
	t, clear the code and turn the ig gnal low DTC should be set.	nition switch on (engine off),	
the 5-volt reference to the	, unplug the sensor connector a signal terminal in the connector e off) and the opposite DTC sho		
<b>1.</b> Set a DTC for TP or M		(a)	
<ul><li>a. Which sensor v</li><li>b. What code set?</li><li>c. Meaning of cod</li></ul>	vas used? de set?	8	
<b>2.</b> Clear the DTC.			
3. Disconnect the sensor to set the opposite code	wiring and use a jumper wire e.		
<ul><li>a. What code was</li><li>b. <b>OK</b></li></ul>	s 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.