

# EMLC TECHNICAL BULLETIN

Vol. 03 Number 1

## DIS Module Tester “Ground” Tip

### VEHICLE APPLICATION:

DIS ignition system vehicles with external ignition control module.

### SYMPTOM:

The ignition module has been diagnosed as the cause of no spark or fuel injector pulses, but the module passes on our Ignition Module Tester.

### CAUSE:

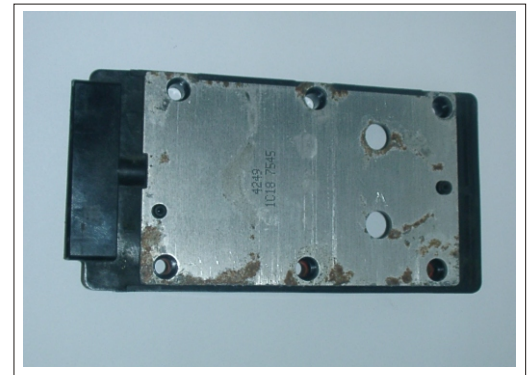
Poor module ground caused by corrosion or rust on the metallic mounting plate on the underside of the module and/or the module mounting bracket on the engine. (See top right) This plate is the module’s GROUND!

### DIAGNOSIS:

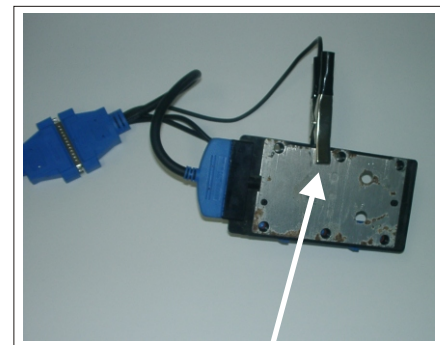
When testing the module on our Ignition Module Tester, be certain that the separate alligator ground clip is on a clean area of the module mounting plate. (See bottom right) Note *any* rust or corrosion on the plate.

### SOLUTION:

If rust or corrosion is found and the test is a PASS, inform the technician that the bracket and the module must be cleaned with sand paper, wire brush, or other suitable means. *The metal of both the bracket and the module MUST be completely clean and free from any rust or corrosion.*



Note the corrosion and rust shown everywhere the plate made contact with the mounting bracket. The rust and corrosion shown caused a no start on this vehicle. When tested with the ground clip connected to a clean part of the plate, the test PASSED!



Separate ground clip



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