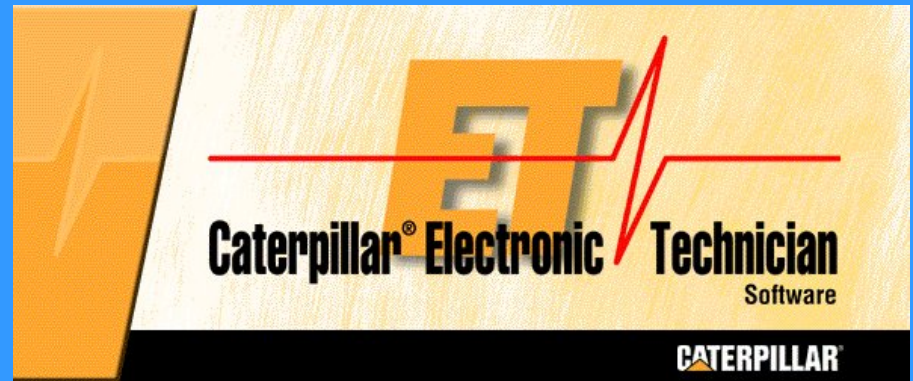


Ring Power Training Group



With this new technology, a service tool is required to:



- **Troubleshoot Electronic Controls**
- **View Active, Logged, and Event Codes**
- **Check System Parameters**
- **Set Customer Parameters (Example: Lock out gears)**
- **Flash New Software**
- **Perform Calibrations**
- **Perform Diagnostic Test (Example: Injector Cutout Test)**
- **Perform Real Time Graphing**
- **Use a Data Logger for intermittent problems**

What Is Electronic Technician?

- Electronic Technician is a TOOL
- Depending on how many ECM's a machine has, it will allow us to communicate with
 - Electronic Engines
 - Electronic Transmissions
 - Electronic Hydraulics
 - Electronic Brake Systems
 - Electronic Power Trains
 - Electronic Monitoring Systems
 - Almost anything that uses an ECM

What Information Is Communicated?

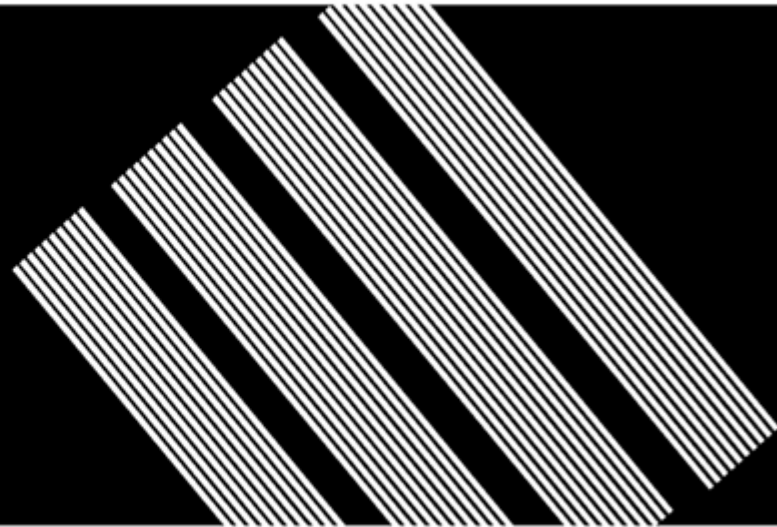
- **On-highway truck engine warranty reports**
- **Parameter status display**
- **Active diagnostics display**
- **Logged diagnostics viewing and clearing**
- **Logging and viewing of irregular ECM occurrences**
- **Diagnostic tests**
- **Calibrations**
- **Mechanism for retrieving engine totals for fuel used, miles traveled and more**
- **Caterpillar Flash Memory software for uploading new software to ECMs**
- **English and metric units of measure**
- **Integrated help file**

What is the difference between Dealer Version of ET and the Customer Version of ET?

- The Customer Version is identical to the Dealer Version except for:
 - The Customer cannot clear codes that require a factory password.
 - The Customer cannot Download Flash Files or Flash Software to an ECM.
 - The Customer cannot change items that require a factory password.

CATERPILLAR[®]

SIS



SERVICE INFORMATION SYSTEM

This information includes:

- **SIS - Service Information System contains information equal to 21,000 books**
- **1.7 million graphics**
- **Over 750,000 part numbers**

It includes information from parts manuals, service manuals, schematics, service tools, and periodicals such as service magazines and engine news.



NOTE: The difference between the customer version of SIS and the dealer version is, the customer version does not have Service Letters or TIB's (Technical Information Bulletins).

