

Scan Tool Usage

This is an individual, not a team assignment. Do on your own, except where noted.

1. Use the ProLink and Modis to scan for trouble codes on the Caterpillar simulator and troubleshoot the active and/or logged codes.

What would you do to correct the code? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!)

2. Use the ProLink and Modis to scan for trouble codes on the Caterpillar engine in the Freightliner and troubleshoot the active and/or logged codes.

What would you do to correct the code? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!)

3. Use the ProLink and Modis to scan for trouble codes on the Detroit Diesel engine in the dyno room and troubleshoot the active and/or logged codes.

What would you do to correct the code? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!)

4. Use the ProLink and Modis to scan for trouble codes on the Caterpillar engine in the Freightliner and troubleshoot the active and/or logged codes.

What would you do to correct the code? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!)

5. Use the Cat ET program to scan for trouble codes on the Caterpillar engine in the Freightliner and troubleshoot the active and/or logged codes. Also monitor at least 2 data lists. Do an injector cut-out test too.

What would you do to correct the code? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!) You may work together on this one.

6. Use the DDDL to scan for trouble codes on the Detroit Diesel engine in the dyno room and troubleshoot the active and/or logged codes.

What would you do to correct the code? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!) You may work together on this one.

7. Use the ProLink to scan for trouble codes on the International engine in the flatbed and troubleshoot the active and/or logged codes. Connect the "Quadrage" or other high pressure gauge to the quick coupling to test the HP oil pump output. Is it operating correctly?

If there is a problem, what would you do to correct it? (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!) You may work together on this one.

8. Use the Modis on the Dodge to check horn and wiper operation. Do this by yourself.
9. If you have not already done so (if you have already done this, give yourself credit and DO NOT help the others)...locate the problem with the dim headlight on the left side of the Freightliner. (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!)
10. If you have not already done so (if you have already done this, give yourself credit and DO NOT help the others)...locate the problem with the turn signals on the Freightliner (during right turn the rear left and rear right BOTH flash). (DO NOT REPAIR THE PROBLEM. DO NOT TELL YOUR CLASSMATES WHAT THE PROBLEM IS!!)