BTC Automotive Technology
Job Sheet: EP4 – Compression Testing

Objective: To practice engine mechanical diagnosis and analysis.

Procedure: Perform listed items below following directions. Record all results. If working in teams, everyone on the team must perform all tests at least once.

Vehicle: _______________________________________________________________

- Prepare vehicle for compression test: remove all plugs, hookup battery charger, block throttle open, disable ignition system, disable fuel injectors if necessary. Engine should be warm.
- Run full compression test and record results below.
- Perform wet test on at least one cylinder. Did readings improve?
- Perform leak down on 2 cylinders and record results below.
- Perform running/snap compression test on 2 cylinders and record results below.
- Perform one electronic (dynamic) compression test and attach results.
- Measure and record engine manifold vacuum at idle. ________________

Related NATEF tasks: VIII.A.5 VIII.A.7 VIII.A.8 VIII.A.9