Student Tracker

Engine Start and Run (ESR)

Name: _____

Please complete the following competencies using the proper procedures, service information, and tools. Be prepared to explain to the teacher what you did. After completion of each competency, your teacher will initial next to each number.

Engine: _____

1. Demonstrate how to install various peripheral engine components.

    Spark plug gap spec: _____

    Spark plug torque spec: _____

    Prime oil pump

    Install distributor

    Install spark plugs and wires

    Install fuel system

    Install engine on run stand

    Hook up fuel delivery system

    Wire ignition system

    Wire coolant temperature gauge

    Wire RPM gauge

    Wire oil pressure gauge

    Wire cooling fan

    Install headers

2. Demonstrate how to successfully start engine.

    Set initial timing

    Start engine

    Adjust timing

    Let warm to temperature (approximately 190-210 degrees)