

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)