UNIT 6 — VOCABULARY & DEFINITIONS

Engine Disassembly & Measurement

Vocabulary Definition Sheet (Student Copy)

Disassembly — The process of carefully taking an engine apart for inspection, repair, or rebuilding.

Torque Specification — The manufacturer's recommended amount of tightening force for a fastener.

Fastener Pattern — The specific sequence used to tighten or loosen bolts to ensure even pressure (often crisscross pattern).

Thread Pitch — The distance between threads on a bolt or screw.

Micrometer — A precision measuring tool used to measure small dimensions accurately, typically to thousandths of an inch or hundredths of a millimeter.

Vernier Caliper — A measuring tool used to measure inside, outside, and depth dimensions.

Feeler Gauge — A tool with thin metal blades of specific thicknesses used to measure small gaps or clearances.

Tolerance — The allowable variation in a measurement from the specified dimension.

Clearance — The space between two parts to allow proper movement or function.

Runout — The amount a rotating part deviates from true alignment when spinning.

Cylinder Bore — The inside diameter of the engine cylinder where the piston travels.

Cylinder Scoring — Scratches or grooves inside the cylinder wall caused by wear or debris.

Piston Wear — The gradual loss of material from the piston due to friction and heat.

Ring End Gap — The small gap between the ends of a piston ring when installed in the cylinder.

Surface Warping — Distortion or bending of a flat surface due to heat or stress.

Gasket Surface — The flat sealing surface where a gasket sits between engine components.