Tractor Parts Identification
Parts to be identified have numbers attached to them. Select the most correct part name from this list. Write the corresponding number on the line beside the name below.

- Air conditioner, compressor
- Air conditioner, condenser
- Air filter
- Air intake
- Alternator
- Battery
- Camshaft (Internal)
- Connecting rod (Internal)
- Crankshaft (Internal)
- Drawbar
- Engine oil drain plug
- Exhaust manifold
- Exhaust pipe
- Fan
- Fan belt
- Fan belt tensioner
- Flywheel (Internal)
- Fuel tank cap
- Fuel filter
- Fuel injection pump
- Fuel injector
- Governor (Internal)
- Hand holds
- Head gasket (Internal)
- Headlight
- Hydraulic hose
- Hydraulic reservoir
- Intake manifold
- Intercooler
- Main bearing (Internal)
- Muffler
- Oil level indicator (dipstick)
- Oil filler cap
- Piston (Internal)
- Piston rings (Internal)
- Piston connecting (wrist) pin (Internal)
- P.T.O. master shield
- P.T.O. stub shaft – 540 RPM
- P.T.O. stub shaft – 1000 RPM
- Radiator
- Radiator cap
- Radiator hoses
- Radiator reservoir
- Rear axle housing
- Roll Over Protective Structure (ROPS)
- Slow moving vehicle (SMV) emblem
- Starter
- Steering tie rod
- Steps
- 3-point hitch – lower arms
- 3-point hitch – top link
- Thermostat (Internal)
- Throttle rod
- Tire valve stem
- Turbo charger
- Turn signal
- Valve, engine (Internal)
- Valve cover, engine
- Valve cover gasket (Internal)
- Valve push rod (Internal)
- Valve rocker arm (Internal)
- Valve spring (Internal)
- Water pump
- Weight bracket
- Weights, front
- Weights, wheel
J-1 – Junior Division Lawn Tractor Driving Course

The lawn tractor WILL NOT have a deck. The distance between the cones will be the width of the tractor wheelbase (outside width) PLUS 12 inches (6 inches on each side). Deductions are given for: Touching cones, knocking over cones, changing direction (except when reversing is required), parking in shed (Step 3), and time (goal = less than 5 minutes to complete course).

Before driving, the friendly judges will orient the participant to the lawn tractor and the course (no experience necessary, but strongly encouraged).

- = Cone,  ➙ = Travel forward,  ➞ = Travel backward (reverse)

Step 1: Drive forward and weave thru obstacle. Turn around and come back while driving forward.

Step 2: Drive forward down alley. Stop at end. Back (REVERSE) down alley.

Step 3: Back into shed. Stop and allow judges to take measurements (straightness in shed from side to side, within 6 inches of back cone).

Return to Start/Stop line.
TWO WHEEL DRIVING COURSE

DIRECTION --- FORWARD
OF TRAVEL --- BACKWARD

SCALE: 1" = 16'

25' MINIMUM CLEARANCE AROUND OBSTACLE COURSE
FOUR WHEEL DRIVING COURSE

Use the 20' line for start and finish. If necessary, the outer post of the two 11' gates may be moved to adjust the “degree of difficulty.” Be sure tractor and wagon can negotiate through gates and turns without fouling the implement.

DIRECTION ———— FORWARD
OF TRAVEL —— BACKWARD