SMALL GAS ENGINES C.D.E. Required Tools Checklist

TFAM.

Two "C" clamps (minimum 4" capacity)	½" drive, 21 mm deep well socket for
Securable tool box	flywheel nut or 3/8" drive, 21 mm deep well
Slip-joint pliers	socket with 1/2" drive adapter.
B&S 19368 spark tester*	½" drive ratchet or breaker bar
5/8" Spark plug socket	6" (minimum) 3/8" ratchet extension
Γorque wrench (220 in. lb. capacity)	Long-nose pliers
B&S #19389 inductive digital tachometer	Torque wrench (ft. lb.) capable of
or similar	torqueing the flywheel nut
Leaf type feeler gage	Screwdriver, – #2 Phillips
B&S #381573EN Service & Repair	Screwdriver, – Slotted, minimum 3/16"
Instructions ^A	width
B&S 19480 tang bending tool*	B&S 19545 leak down tester*
Soft-faced hammer (no rubber mallets)	Round wire gauge/bender for spark plug
B&S #19433 Strap Wrench Flywheel	Equipment to repair rewind starter
holder (or equivalent)	Tools to unplug fuel lines and fuel
B&S #19203 Flywheel puller	passages
2- or 3-jawed gear puller, 8" capacity	B&S 19057 bushing driver
Plactic drinking strayy	Metric socket set(s) including, but not
Plastic drinking straw	limited to 8mm-14mm sockets and appropriate
Flashlight – (NO Phone Flashlights)	ratchet/breaker bar

Additional tools are permitted. No deductions for additional tools will be made.

[▲]The B&S #381573EN Repair Manual is the only reference material permitted with the toolbox. A 10-point deduction will be assessed for each page or part thereof for any other reference materials or notes.

^{*}These are current tool numbers. Some part numbers have changed as versions of the tool has changed. As long as tool is a B&S product and will work properly for this model engine it will be permitted.

Spare parts are not allowed. There will be a 25 pt. deduction for each spare part.

SMALL GAS ENGINES CDE Suggested Tools

The following is a list of suggested tools that should be considered when repairing your engines. These tools are not required and will not be scored for deductions.

Calculator
Oil Rags
Writing Utensil