

Bobcat 220, X220 Excavator Factory Service Pdf Shop Manual

Complete workshop & service manual with electrical wiring diagrams for Bobcat 310, 313 Loader. It's the same service manual used by dealers that guaranteed to be fully functional and intact without any missing page.

This Bobcat 310, 313 Loader service & repair manual (including maintenance, overhaul, disassembling & assembling, adjustment, tune-up, operation, inspecting, diagnostic & troubleshooting...) is divided into different sections. Each section covers a specific component or system with detailed illustrations. A table of contents is placed at the beginning of each section. Pages are easily found by category, and each page is expandable for great detail. The printer-ready PDF documents work like a charm on all kinds of devices.



Operation & Maintenance Manual (310 Loader) 6556215 (9-81).pdf

Operation & Maintenance Manual (313 Loader) 6556353 (4-83).pdf

Service Manual (310, 313 Loader) 6556606 (12-82).pdf

EXCERPT:

"7-1.4 Timing the FuelSystem"

"Timing of the fuel injection system is done by changing the number of shims between the injection pump and the gear-case housing (Fig. 7-3). Each shim will change the timing 1.5 degrees. The timing of the fuel injection pump will be later when a shim is added and earlier when a shim is removed. Adjust the timing so the "1FL" mark on the flywheel cover will align with the mark on the flywheel (Fig. 7-5). Fuel delivery must begin when these marks are in alignment."

"To time the fuel system:"

"(1) Install a short pipe to the outlet connection for the number one injector nozzle. Point the pipe up (Vertical)."

"(2) With fuel supply to the injection pump turned on, rotate the flywheel in a counterclockwise direction. Fuel must flow from the pipe as soon as the mark on the flywheel comes in alignment with the "1FL" mark on the flywheel cover (Fig. 7-5)."