




# 21B - 121B - 221B Loaders

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# **Section**

# **1001**

**SAFETY, GENERAL AND STANDARD  
TORQUE SETTINGS**

## SAFETY



*This symbol means **WARNING! TAKE CARE! YOUR SAFETY IS CONCERNED.** The message which follows this symbol contains important safety messages. Read it carefully. Make sure that you have fully understood the causes of possible serious injuries.*

To avoid all accidents, follow the safety notes in this section and other notes that you will find throughout this manual.



PDG0328



*Read the operator's manual to familiarize yourself with the controls and their correct use.*



*The operator must be seated in the operator's seat to operate the machine and the attachments controls. Any other way of proceeding can cause a serious accident.*



*This is a machine for use by one single person. No passengers are allowed.*



*Before starting the engine, read the safety messages shown in the operator's manual. Read all decals concerning safety which are mounted on the machine. Make sure that no-one is within the working area. Learn to use the controls in a safe manner before working with them. You must understand and follow the manufacturer's instructions for the operation and maintenance of the machine and respect current laws and regulations. Operator's manuals and service manuals can be ordered from you CASE Dealer.*



*You risk an accident if you wear clothing which is too loose or if you do not use the safety equipment which is appropriate for your work. Always wear clothing which will not catch on objects. Among extra safety equipment which may be necessary are a helmet, safety shoes, ear, eye and face protection, thick gloves and reflective clothing.*



*When working near the fan, with the engine running, do not wear loose clothing and be very careful.*



*When making inspections or tests on hydraulic equipment, follow the procedures to the letter. **DO NOT** modify the procedures.*



*When this machine's hydraulic cylinders are operated to check for correct operation or to bleed air from the circuit, make sure that no person is standing in the working range.*



*Use heat-protective gloves when handling hot parts.*



*Lower all the attachments to the ground or use safe supports for the attachments before starting maintenance and repairs.*



*Splashes or very fine jets of hydraulic oil under pressure can penetrate the skin and cause serious infection. If hydraulic oil under pressure penetrates the skin, medical treatment must be sought immediately. Keep all hoses and pipes in good condition. Ensure that all unions are tightened. Replace any hose or pipe which is defective or likely to become defective. DO NOT use your hands to check for leaks, use a piece of cardboard or wood.*



*When replacing a heat treated shaft, such as the pivot shaft or any other heat treated shaft, use a copper or bronze headed mallet, or use a piece of copper or bronze between the shaft and the hammer or mallet.*



*When using a hammer to install pivot shafts, accessories operated by compressed air or when using a grinder, suitable eye protection must be worn, completely covering the eyes (work goggles or any other approved form of protection).*



*To lift the wheels or tracks off the ground, use jacks, chain lifting devices and make sure that the ground is suitable. Always use suitable, safe supports to support the machine.*



*When servicing or repairing the machine, there must be no oil, grease, tools etc. on the workshop floor, cab floor or on the steps. If necessary, use a substance to absorb oil and wear workshop clothing. Always use safe methods.*



*Some components of this machine are very heavy. Use suitable lifting equipment or request help as shown in this manual.*



*Exhaust gases can cause death. If it is necessary to run an engine in an enclosed space, the exhaust gases must be evacuated from that space by an evacuation pipe. Open the doors and allow air from outside into the area where the engine is running.*



*When battery electrolyte is frozen, it may explode : (1) if you try to charge it or (2) to start up the engine using a booster source of electrical power. To prevent the electrolyte from freezing, make sure the battery is always fully charged. If these instructions are not observed, there is a risk of injury to persons in the vicinity.*



*Batteries contain acid and explosive gases. Explosions can be caused by sparks, flames or poorly connected cables. See the Operator's Manual for correct connection of battery cables on this machine. If these instructions are not observed, serious injury can result.*

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