

Form No.
908147
English

GE 802 Crawler Excavator



OPERATOR'S MANUAL

GEHL[®]

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CHECKLISTS

Pre-Delivery Checklist

The following checklist is an important reminder of valuable information and inspections which **MUST** be made before delivering the machine to the customer. Check off each item after prescribed action is taken.

✓ CHECK THAT:

- Unit has NOT been damaged in shipment. Check for such things as dents and loose or missing parts; correct or replace components as required.
- Battery is securely mounted and NOT cracked. Make sure cable connections are tight.
- Cylinders, hoses and fittings are not damaged, leaking or loosely connected.
- Filters are not damaged, leaking or loosely secured.
- Machine is properly lubricated and no grease fittings are missing or damaged.
- Hydraulic system reservoir, engine crankcase and drive chaincases are filled to their proper levels.
- All adjustments are made to comply with settings given in *Section 4–Maintenance* of this manual.
- All guards, shields and decals are in place and secured.
- Model and serial numbers for this unit are recorded in the space provided on this page and on page 1-1.

IMPORTANT: Start the engine and test run the unit while checking that all controls operate properly.

✓ CHECK THAT:

- Drive controls and boom/arm/bucket/swing/pivot controls operate properly and are not damaged or binding.
- Drive controls are properly adjusted for a correct neutral position.
- The parking and travelling gear brake, along with the blocking devices, are automatically activated with unit stationary (no pilot control pressure).
- All hydraulic functions are NOT operational with the left-hand control console in the pivoted rearward position.

I acknowledge that pre-delivery procedures were performed on this unit as outlined on this page.

Dealership Name

Dealer Representative Name

Date Checklist Filled Out

Model & Serial Number

Delivery Checklist

The following checklist is an important reminder of valuable information that **MUST** be passed on to the customer at the time of delivery. Check off each item as you explain it to the customer.

✓ EXPLAIN:

- The Safety Information and Operation chapters of this manual, regarding the safe operation of this machine.
- The Maintenance and Troubleshooting chapters for information regarding the proper maintenance of this machine. Explain that regular lubrication and maintenance is required for continued safe operation and long machine life.
- Give the Operator's Manual to the customer and instruct the customer to read and completely understand the contents before operating the unit.
- Explain that the customer **MUST** consult the engine manual (provided) for related specifications, operating adjustments and maintenance instructions.
- Completely fill out the Owner's Registration, including customer's signature and return it to the Gehl Company.

Customer's Signature

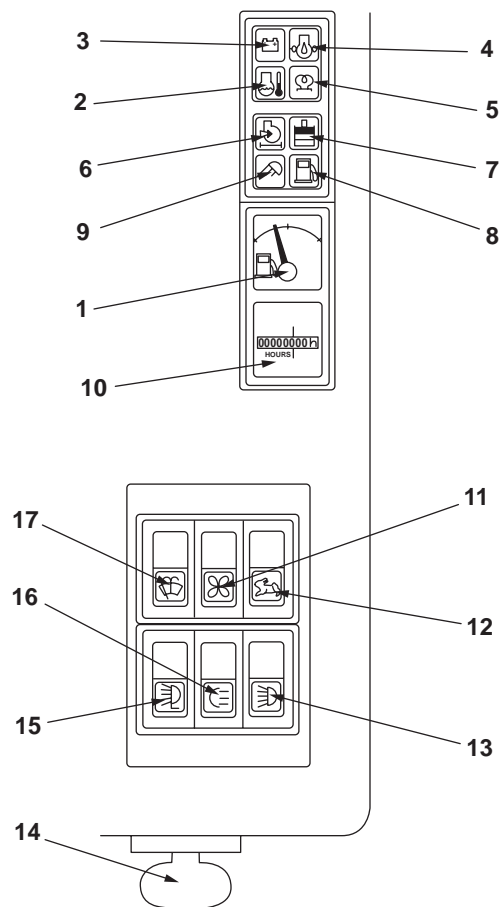
Date Delivered

Retain for Dealer's Records

Cut along dotted line and retain for Dealer's records.

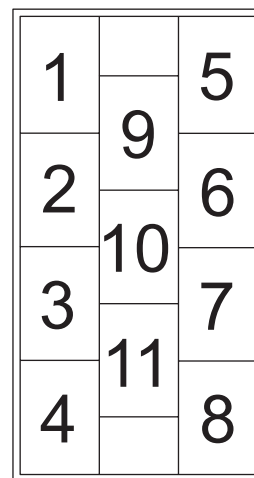
Console Controls Layout

1. Fuel Level Gauge
2. Coolant Temperature Indicator
3. Battery Voltage Indicator
4. Engine Oil Pressure Indicator
5. Glow Plug Indicator
6. Engine Air Filter Indicator
7. Hydraulic Oil Level Indicator
8. Low Fuel Indicator
9. Work Lights ON Indicator
10. Hour Meter
11. Heater Control
12. 2-Speed Travel Switch
13. Light Switch—Cab Front Work Light
14. Ignition Key Switch
15. Light Switch—Boom Work Light
16. Light Switch—Rear Work Light (optional)



Fuse Panel

1. Fast Speed (Tilt Switch and Drive Lever) (7.5 Amp)
2. Windshield Wiper and Washer (7.5 Amp)
3. Turn Engine Off (Stop Solenoid) (3.0 Amp)
4. Switch Lighting, Instrument Panel and Lighting (7.5 Amp)
5. Front Work Lights (15 Amp)
6. Heating, Horn (15 Amp)
7. Safety (turning) Light, Free (10 Amp)
8. Cabin Lighting, Socket, Radio (Optional) (10 Amp)
9. Alternator, Starter (10 Amp)
10. Fuel Pump, Free (15 Amp)
11. Changeover Valve, Safety Solenoid Valve (10 Amp)



MAINTENANCE

GENERAL INFORMATION

WARNING

Instructions are necessary before operating and servicing the machine. Read and understand this entire manual. Follow warnings and instructions for operation and maintenance. Check for correct function after adjustments or maintenance. Failure to follow instructions can result in injury or death.

WARNING

Be sure you are familiar with all safety devices and controls before operating or servicing the machine. Know how to stop before starting. This Gehl® Company machine is designed for use only with Gehl® Company approved accessories or referral attachments. The Gehl® Company cannot be responsible for operator safety if the unit is used with non-approved attachments.

WARNING

Read and thoroughly understand all safety decals before operating the machine. DO NOT operate the machine unless all factory installed guards and shields are in place.

CALIFORNIA PROPOSITION 65 WARNING

Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects and other reproductive harm.

WARNING

Hydraulic reservoir is under pressure. Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate the skin or eyes.

Care and Servicing

- Care and servicing have a significant influence on the readiness for operation and service life of the machine.
- For additional servicing work regarding the engine, see the engine manual provided with the machine.
- Use of lubricants which do not correspond to the manufacturer's recommendations may invalidate warranty claims.
- More frequent servicing, other than the recommended intervals, may be required under extreme operating conditions.
- Always dispose of waste lubricating oils and hydraulic fluids according to local regulations or take to a recycling center for proper disposal. DO NOT pour fluids onto the ground or down a drain.

Maintenance Safety

- Never service the machine without reading the applicable instructions.
- Always lower bucket and dozer blade to the ground before performing any maintenance.
- Use correct procedures to lift and support the machine. Always lift the blade fully before installing jackstands.
- Cleaning and maintenance are required daily.
- Keep engine cover and valve cover closed except for service. Close and latch covers before operating the machine.
- Be sure to have area properly ventilated when grinding or welding parts. Wear dust mask.
- Vent exhaust to outside when engine must be run for service. Exhaust system must be tightly sealed. Exhaust fumes can kill without warning.
- Never modify equipment or add attachments not approved by Gehl Company.
- Stop engine and let cool, then clean engine of any flammable materials before checking fluid levels.

WARNING

Keep arcs, sparks, flames and lighted tobacco away from batteries. When jump starting from booster battery, make final connection (negative) at engine frame.

DO NOT jump start or charge a frozen battery. Warm battery to 60°F (16°C) before connecting to a charger. Unplug charger before connecting or disconnecting cables to battery.

Battery gas can explode and cause serious injury.

IMPORTANT: When jump starting from another machine, be sure the second machine is not running while using the glow plugs. High voltage spikes from a running machine can burn out the glow plugs.

IMPORTANT: Damage to the alternator can occur if:

- Engine is operated with battery cables disconnected.
- Battery cables are connected when using a fast charger or when welding on the machine. Remove both cables from the battery.
- Extra battery cables (booster cables) are incorrectly connected.

Be very careful when jump starting the machine. Booster battery must be 12 volt.

1. Turn ignition key to the off position.
2. Pull the valve cover latch lever (Figure 4-1) and open the valve cover.
3. Connect one end of the cable to the positive (+) terminal on the booster battery. Connect the other end of the same cable to the positive (+) terminal on the machine battery.
4. Connect one end of the second cable to the negative (-) terminal on the booster battery. Connect the other end of the same cable to the machine frame.
5. Start the machine engine. Once the engine is running, remove the cable connected to the frame first. Disconnect the other cable from the machine battery positive (+) terminal.

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