

**MAINTENANCE, MAKE-READY AND SAFETY CHECKLIST
FOR LITTLE BEAVER MECHANICAL EARTH DRILLS**

MAINTENANCE CHECK LIST

Checked by: _____ Date: _____

- Check and replace cutting blades and points on augers.
- Grease gearbox (Grease lubricated gearbox only - see operator's manual for procedure).
- Check oil level in gearbox (Oil bath gearbox only - see operator's manual for procedure).
- Check oil level in engine.
- Check engine service schedule (provided by others) for required maintenance.
- Check tire pressure (pneumatic wheel models only). Inflate to 30 psi. maximum.
- Check flexible shaft grease as required (50-100 operating hours - see operator's manual).
- Check for proper throttle adjustments and operation (see operators manual for instructions).
- Check operation of centrifugal clutch - should not drag at idle - set engine idle speed or replace clutch springs as necessary.

SAFETY CHECK LIST

Checked by: _____ Date: _____

- Check that all **kill switch wires** are intact and properly connected.
- Check function of all **kill switches** - handle, torque tube bracket and engine.
- Check function of **throttle**, ensuring that the engine returns to idle when lever is released.
- Check that all **instruction** and **warning labels** are intact.
- Check/inspect **handle** and **gearbox**.

OIL BATH GEARBOX:

- Check **torque arm bolt** for looseness - should be tightened to 100 lbs. ft.
- Check **torque arm bushings** for wear - replace if torque arm has excessive sideplay (more than 1" total movement side to side measured at end).
- Inspect **aluminum gearbox** housing for signs of **cracking**.
- Check **leg pad** and **handle grips** for tears - replace as necessary.
- Check handle **clamps bolts (8)** for looseness - should be tightened to 10 lbs. ft.
- Check gearbox **cover bolts (10)** for looseness - should be tightened to 19 lbs. ft.

GREASE LUBRICATED GEARBOX:

- Check handle **mounting bolts (5)** for looseness - should be tightened to 10 lbs. ft.
- Check **torque tube bracket** on handle for excessive looseness and signs of cracking.
- Check that **leg pad** is in place and intact.
- Check **flexible shaft clamp bolts (2)** for looseness - should be tightened to 19 lbs. ft.

MAKE-READY CHECK LIST

Checked by: _____ Date: _____

- Check that gas tank is full.
- Check that all snap buttons are in place (engine torque tube bracket, auger tops and male end of torque tube if applicable) and working properly.
- Check that auger adaptor is clear of dirt and foreign matter.
- Check that augers are straight (roll on floor) and cutting edges are in good condition.
- If carbide blade is installed on auger, ensure that the blade is installed perpendicular to the auger shaft (use a square to check) and bolts are tightened to 33 lbs. ft.

DELIVERY CHECK LIST

Delivered by: _____ Date: _____ Customer: _____

- Instruct customer in operation of the earth drill.
- Ensure that customer receives the laminated operators's guide and the torque tube.