SPECIFICATIONS

MODEL	G2XD-2
DIMENSIONS	29" X 11.5" X 13
WEIGHT *	42 Lb. (main body)

*Note: Weight varies with configuration

ENGINE	
TYPE	Air cooled 2 Stroke
DISPLACEMENT	50 CC
CARBURATION	Diaphragm W/primer and choke
AIR CLEANER	Washable
STARTER	Recoil
IGNITION	Electronic
FUEL TANK SIZE	1/3 U.S. Gallon
FUEL MIX RATIO	25:1 fuel to oil
FUEL TYPE	Regular
IMPACT RATE	1100-1800 BPM
IMPACT FORCE	45 Ft-Lb
ENGINE MIX OIL	2 Cycle
IMPACT SECTION	
LUBRICATION	Oil bath vacuum fed
LUBRICANT TYPE	10W30 Mobil 1
LUBRICANT VOL	2.0 OZ
LUBRICANT USE	2.0 OZ 4-8 hours

UNIT SERIAL NUMBER

_____

SKIDRIL
P.O. BOX 8041
GREENSBORO, NC 27419
TEL: 800-843-3745

SKIDRIL

OPERATION & PARTS MANUAL

GAS POST DRIVER G2XD-2
2 STROKE

ANY PERSON OPERATING THIS MACHINE SHOULD READ AND UNDERSTAND THIS MANUAL FIRST!

FOLLOW ALL SAFETY INSTRUCTIONS

CALL FOR A LOCATE BE-FORE YOU DRIVE!

VER 052118-1

1-800-843-3745

Parts list

No.	Description	Qty
101	Hammer block	1
102	4" Post cover	1
103	M6x16 socket head cap screw with washer	3
104	M8x45 socket head cap screws	10
105	M8 spring washer	16
106	Anvil guide	1
107	Buffer spring	1
108	Anvil	1
109	Nylon bushing	1
110	O-Ring 23x6x5	1
111	Anvil guide	1
112	Split ring cover	1
113	Split ring	1
114	Rubber ring	1
115	Compressor cylinder gasket	1
116	Compressor cylinder	1
117	Front packet	1
118	O-Ring 70x67x1.5	1
119	M6x30 socket head cap screw with washer	6
120	Connecting rod	1
121	Impact piston	1
122	Double lip seal ring	1
123	Piston pin 12x44	1
124	M5X16 Socket head cap screw with washer	6
125	Gear case cover	1
126	Gasket	1
127	Flanged hex head bolt	1
128	Thrust washer	1
129	Bearing NK18/20	1
130	Eccentric shaft	1
131	Wick	1
132	Oil sight	1
133	Seal	1
134	Handle (A)	1
135	Socket head cap screw with washer	4
136	Upper Handle mount	1
137	Bearing 6205	1
138	Gland plate	1
139	Retainer	1
140	Large Gear	1
141	Bearing 6202	3
142	Clutch cover	1
143	Clutch drum	1
144	Circlip 35	1
145	Oil seal 25x19x3	1
146	Counter sunk screw M8X12	4
147	Seal	1
148	Gear Shaft	1
149	Counter sunk screw M5x12	4
150	Gear case	1
151	Handle (B)	1
152	Handle (C)	1
153	Washer M8	4
154	Throttle assembly	1
155	Spring	4
156	Spring socket	4
157	Lower Handle mount	1
158	Flanged nut M14	2

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Daily Maintenance

M1: Impact Oil

To add impact oil: First lay the machine on its side, per the photo above. Unscrew oil sight (cap) using a wrench and add Mobil 1 (or equivalent) 10w30 to the lip.

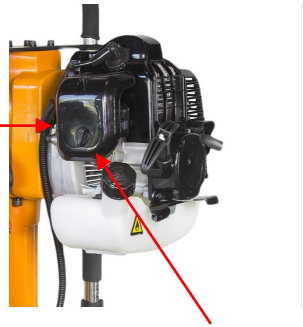
Replace oil sight and tighten. Check oil level periodically with machine in upright position add if oil if needed.

Notice:

*Leaving oil in impact reservoir when stored for a long time (especially in the vertical position) may cause it to drip out (similar to chain saw chain lube), this does not indicate a problem with the tool.

*Do not over tighten oil fill cap/window as threads can strip.

M3: Air Filter



To Check or Clean Air Filter: First remove the cleaner cover by loosening center screw, wash filter in appropriate cleaner such as dish soap and water, dry completely and reinstall.

Notice:

*Never operate the machine with a missing or damaged filter.

*Note your filter design may vary from this picture however cleaning procedures are the same.

Operation 1

Tool selection 1.: If your driver is a standard model the bottom will look like this.

Proceed to page 6.

Tool selection 2: If your driver has the multi chuck option the bottom will look like this.

Select and install the correct tool for the job before proceeding.

Notice:

***Do not:** Use the wrong oil types!

Warning:

***Do not:** Change tool or accessory when engine is on!

INSTRUCTIONS FOR INSTALLING DRIVE TOOLS

T POST ASSEMBLY

A	Post cover
B	Clip
C	Flat anvil
D	Clevis pin

1. Insert flat anvil **C** into the bottom of the machine collet (long end in first) with flat slot facing you.
2. Stop when the slot aligns with holes in the bottom of the machine collet.
3. Slide post cover **A** over bottom of machine and anvil **C**, rotate to align holes.
4. Insert Clevis pin **D** by sliding through the holes on post cover **A** and attach clip **B**.

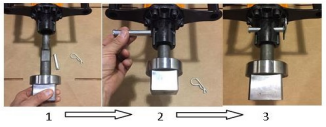
ROUND POST ASSEMBLY

A	Post cover
B	Clip
C	HD Anvil and Cap
D	Clevis pin

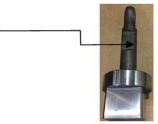
1. Insert HD anvil **C** into post cover **A** (small end first) with flat slot facing you.
2. Stop when the slot aligns with holes in the bottom of the machine collet.
3. Slide post cover **A** over bottom of machine and HD anvil **C**, rotate to align holes.
4. Insert Clevis pin **D** by sliding through the holes on post cover **A** and attach clip **B**.

SQUARE POST ASSEMBLY

B	Clip
C	HD anvil sq. cap
D	Clevis pin



1. Insert HD anvil **C** into bottom of machine with flat slot facing you.
2. Rotate to align the slot on HD anvil **C** with holes in the collet.
3. Insert Clevis pin **D** by sliding through the holes on bottom of the machine **A** and attach clip **B**.



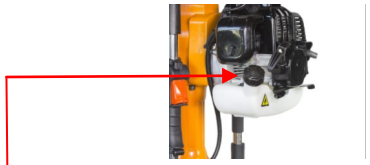
Operation 2

Prep for use

1. Impact oil: Check impact oil level, with the machine on its side. Add if required (10w30 Mobil 1 or =) oil.

See detailed instructions in Daily Maintenance section #M1 Pg. 8.

***Oil on top of post is an indication of proper lubrication not a problem!*

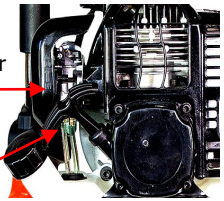


2. Fuel: Remove fuel cap. Using regular unleaded fuel mixed in a 25:1 ratio with 2 cycle oil, fill tank to below lip and replace fuel cap.

Starting motor

3. Choke: Slide choke lever up.

4. Primer button: Press primer bulb upwards 4-5 times.



5. Stop switch: Slide stop switch down to the run position

6. Pull starter: allow motor to idle, as it warms gradually open choke by sliding downwards.

Notice:

* **Do not:** Use the wrong oil types!

Warning:

***Do not:** Fuel a hot machine!

***Do not:** Smoke While Fueling!

***Do not:** Operate the machine without protective/safety clothing and equipment!

***Do not:** Use the machine without first contacting the Utilities for a 'Locate'!

***Do not:** Use the machine without reading and understanding the manual!

***Do not:** Change tool or accessory when engine is on!

***Do not:** Do not operate this driver without safe footing!

Operation 3

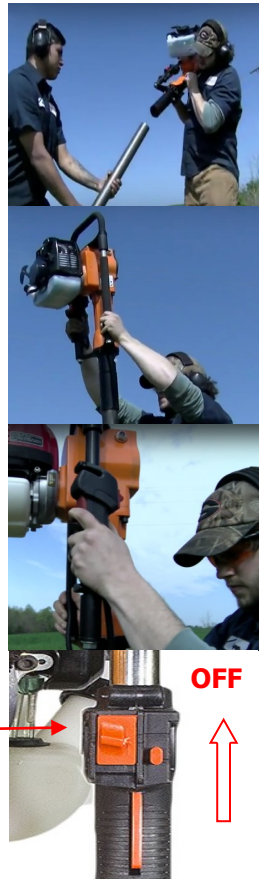
1. Insert post: Motor should be idling.

2. Level post: Push driver vertical.

3. Drive post: Squeeze throttle and begin driving. You do not need to pull down on the driver.

Full speed will not always drive post faster.

4. Stopping driver: Slide stop switch up to kill motor.



4. Storing driver: Remove all fuel from the tank and run the motor dry.

Warning:

***Do not:** Fuel a hot machine!

***Do not:** Smoke While Fueling!

***Do not:** Operate the machine without protective/safety clothing and equipment!

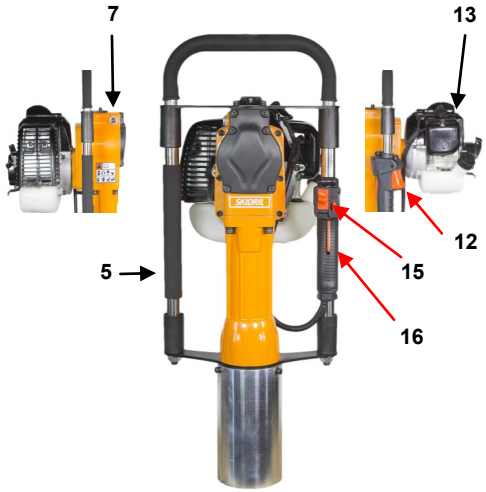
***Do not:** Use the machine without first contacting the Utilities for a 'Locate'!

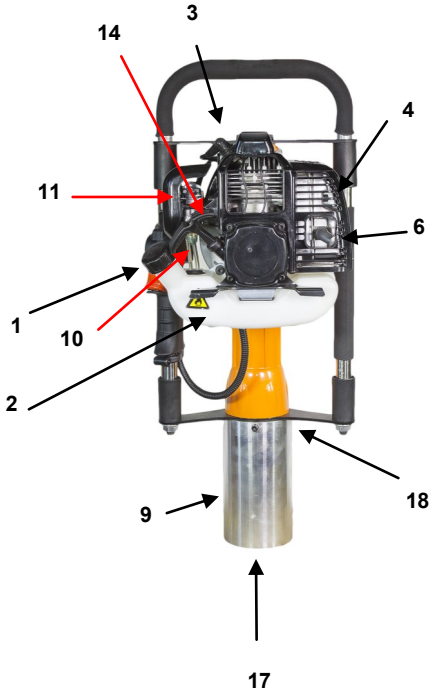
***Do not:** Use the machine without reading and understanding the manual!

***Do not:** Change tool or accessory when engine is on!

***Do not:** Do not operate this driver without safe footing!

Controls



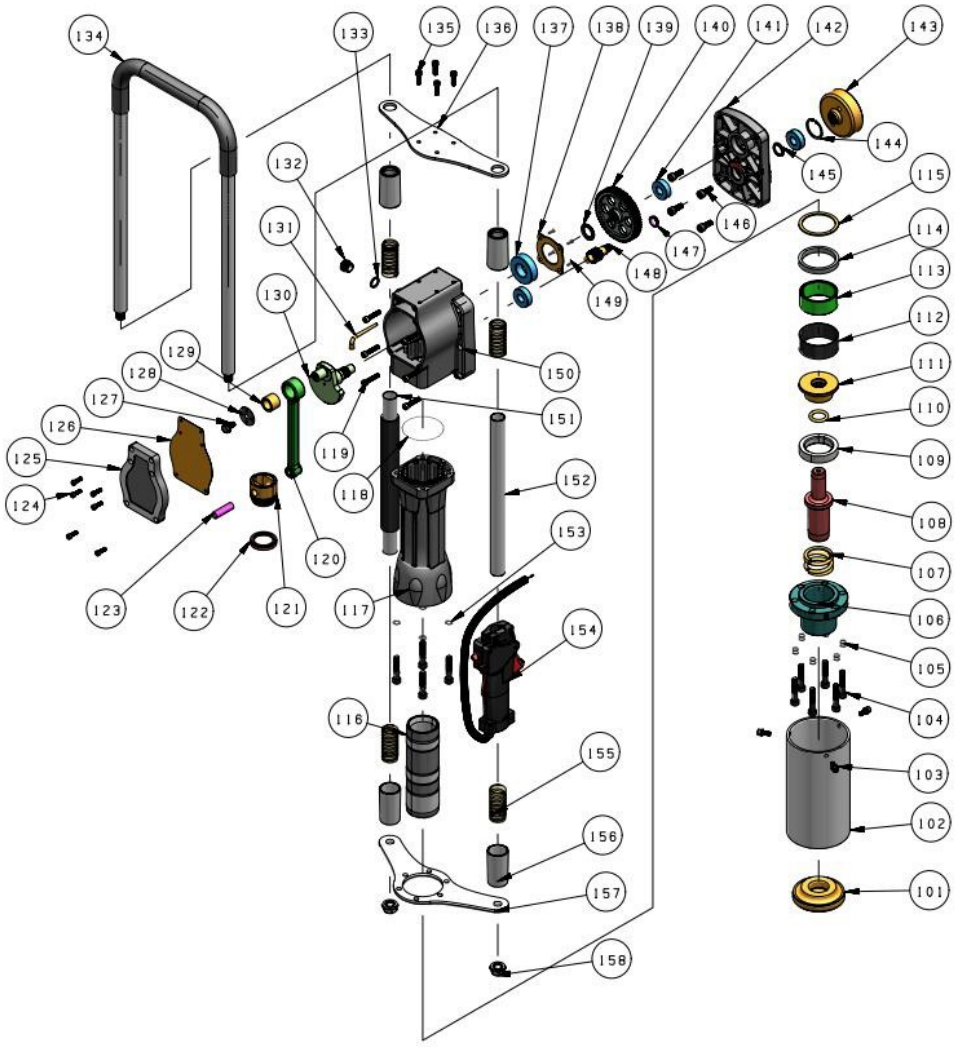


Item

01. Fuel cap
02. Fuel tank
03. Spark plug
04. Muffler cover
05. Handle
06. Exhaust pipe
07. Impact oil cap

09. Post cover
10. Primer pump
11. Choke lever
12. Throttle
13. Air cleaner
14. Starter grip
15. Stop switch
16. Safety trigger
17. Anvil (inside)
18. Clevis pin (if equipped with multi chuck)

Exploded view - body



SAFETY FIRST

READ, UNDERSTAND AND FOLLOW SAFETY GUIDELINES AND SAFE WORK PRACTICES.

TAKE NOTE OF ***WARNINGS*** IN THIS MANUAL AS THEY IDENTIFY INSTRUCTIONS INTENDED TO PREVENT INJURY TO YOU OR OTHERS.

NOTICE: ***NOTICES:***, ARE INTENDED TO PREVENT DAMAGE TO THE MACHINE OR PROPERTY.

WARNING:

DO NOT: USE EQUIPMENT IN APPLICATIONS FOR WHICH IT IS NOT INTENDED.

DO NOT: USE IMPROPERLY TRAINED OR UNQUALIFIED PERSONNEL TO OPERATE THIS EQUIPMENT.

DO NOT: LEAVE MACHINE RUNNING UNATTENDED OR WHEN NOT IN USE.

DO NOT: REFUEL A HOT OR RUNNING ENGINE.

DO NOT: SPILL FUEL WHEN FUELING THE ENGINE.

DO NOT: SMOKE WHILE FUELING OR OPERATING THE MACHINE.

DO NOT: REFUEL NEAR AN OPEN FLAME OR SPARK.

DO NOT: OPERATE THE MACHINE WITHOUT PROPER SAFETY PROTECTION SUCH AS PROTECTIVE EYEWEAR, SAFETY BOOTS, EAR PROTECTION, HARD HAT, GLOVES ETC.

DO NOT: OPERATE THE MACHINE INDOORS OR IN AN AREA WHERE EXHAUST GASES MAY COLLECT., OR WHERE VENTILATION IS NOT ADEQUATE.

DO NOT: OPERATE THE MACHINE WITHOUT SOLID FOOTING OR WITH THE MACHINE ELEVATED ABOVE YOUR HEAD AND ALWAYS CALL FOR A LOCATE BEFORE.

DO NOT: STORE THE MACHINE IN A PLACE OR POSITION THAT IT MAY FALL , DROP OR SLIDE FROM WHEN NOT IN USE.