Specifications

MODEL	G15
DIMENSIONS	29" X 11.5" X 13
WEIGHT *	33 Lb. (driver only)

*Note: Weight varies with configuration

ENGINE		
	TYPE	Air cooled 4 Stroke
	DISPLACEMENT	37.7 CC
	CARBURATION	Diaphragm W/primer and choke
	AIR CLEANER	Washable
	STARTER	Recoil
	IGNITION	Electronic
	FUEL TANK SIZE	1/3 U.S. Gallon
	FUEL	Regular unleaded
	FUEL TYPE	Regular
	IMPACT RATE	800-1600 BPM
	IMPACT FORCE	35 Ft-Lb
	ENGINE CRANK OIL	SAE 30
IMPACT SECTION		
	LUBRICATION	Oil bath
	LUBRICANT TYPE	Skidril Brand IL1435
	LUBRICANT VOL	2.0 OZ

UNIT SERIAL NUMBER

_____

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

SKIDRIL

OPERATION & PARTS MANUAL

GAS POST DRIVER G15
4 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 080519-1

1-800-843-3745

Parts list

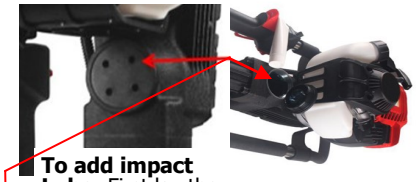
No.	Description	Qty
101	M5x18 Hexagon socket screw, spring, flat pad combo	6
102	Gear box cover	1
103	Paper washer for gear box	1
104	Shaft ring dia. 17	1
105	Circlip for hole dia. 40	1
106	No. 2 gear	1
107	Middle axle	1
108	No. 1 gear	1
109	Handle	1
110	M6x20 Hexagon socket head screw, spring pad combo	6
111	Upper plate	1
112	M6x20 hexagon socket cap screws	1
113	Seal cartridge dia. 18.8*15-4	1
114	Bearing	2
115	Clutch drum	1
116	Grease cap	1
117	O-Ring 60*1.8	1
118	M6x20LH hexagon socket cap screws	1
119	Clip board for connecting rod 6.5*30-2	1
120	Eccentric shaft	1
121	Gear box	1
122	Spacer 17-22-12.3	1
123	Bearing 6203	3
124	No. 3 gear	1
125	M14 screw nut	2
126	Spring cover	4
127	Damping spring	4
128	Switch block	1
129	Tubular handle	1
130	Handle	1
131	M8x30 hexagon socket cap screws	4
132	Cylindrical pin dia. 10*37.5	1
133	Needle bearings NK15/16	1
134	Front cylinder gasket	1
135	Cylinder gasket	1
136	Connecting rod	1
137	Piston	1
138	O-ring for piston F30.7*4.7	1
139	Front packet	1
140	Cylinder	1
141	O-ring for auxiliary hammer F32*4	1
142	Auxillary hammer	1
143	Retainer ring for punch hammer	2
144	Crash Pad	1
145	Round Gasket	2
146	Under plate	1
147	O-ring for punch hammer F28*3.5	1
148	Punch hammer	1
149	Metal head	1
150	Dia. 8 spring washer	12
151	M8x45 hexagon socket cap screws	4
152	Impactor	1
153	M6x16 Hexagon socket head screw, spring flat pad combo	4
154	Adapter	1
155	Piling sleeve	1
156	M6x12 hexagon socket cap screws	2
157	Retainer	1

Contents

	Page
CONTROL IDENTIFICATION	**4**
OPERATION	**5**
DAILY MAINTENANCE	**7**
EXPLODED VIEW	**9**
PARTS LIST	**10**
MAINTENANCE GUIDE	**11**
SPECIFICATIONS	**12**

Daily Maintenance

M1: Impact Lube



To add impact Lube: First lay the machine on its back, per the photo above. Unscrew lube cover (cap) using the provided wrench and add Skidril Impact lube grease p/n IL1435.

Replace cover and tighten. Check and replace lube periodically.

M2: Engine Oil

To add or replace motor oil: First make sure motor is vertical per the photo above!. Remove the oil cap/ dipstick. If adding oil, check level on stick and top-up with SAE 10w30 oil.

If replacing motor oil, remove cap and carefully pour used oil into an approved container for recycling. Add oil to lip of fill opening.

M3: Air Filter

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

Notice:

*Do not over tighten lube fill cap as threads can strip.

Notice:

*Be sure to check-motor oil level daily!
*Do not overfill motor oil!

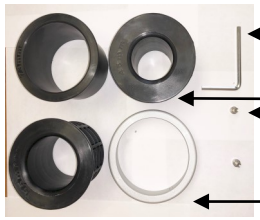
Notice:

*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.

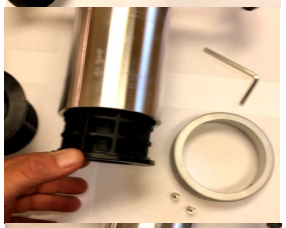
Operation 1

Insert selection: Choose and install the correct sleeve for the post you are driving.



1. Choose sleeve: Motor should be not be on!

2. Insert sleeve: Push in flush with bottom lip.



3. Install retainer: Align screw holes in retainer with holes on either side of driver bottom.

4. Install 2 socket screws: Hand thread socket screws first to prevent stripping of threads.

Tighten screws with provided wrench.

Notice:

* **Do not:** Use the wrong oil or lube-types!

Warning:

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

Operation 2

Prep for use

1. Impact lube: Check impact oil level, with the machine on its side. Add if requires use P/N IL1435 grease or equivalent.

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, fill tank to below lip and replace fuel cap.

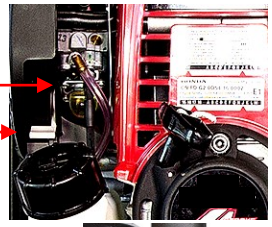
3. Motor Oil: Check motor oil level with the machine in the vertical position, top up with 10w30 if needed.

Starting motor

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

5. Choke: Slide choke lever up.

6. Stop switch: Slide stop switch down to the run Position.



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

Notice:

* **Do not:** Use the wrong oil or lube-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

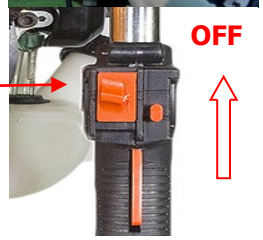
1. Insert post: Motor should be idling.

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!

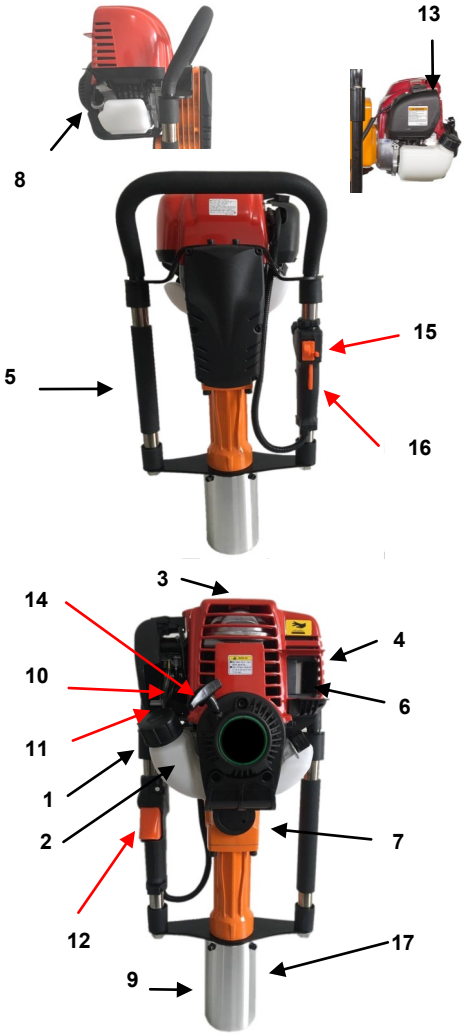
***Do not:** Use the machine without first contacting the Utilities for a 'Locate'!

***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!

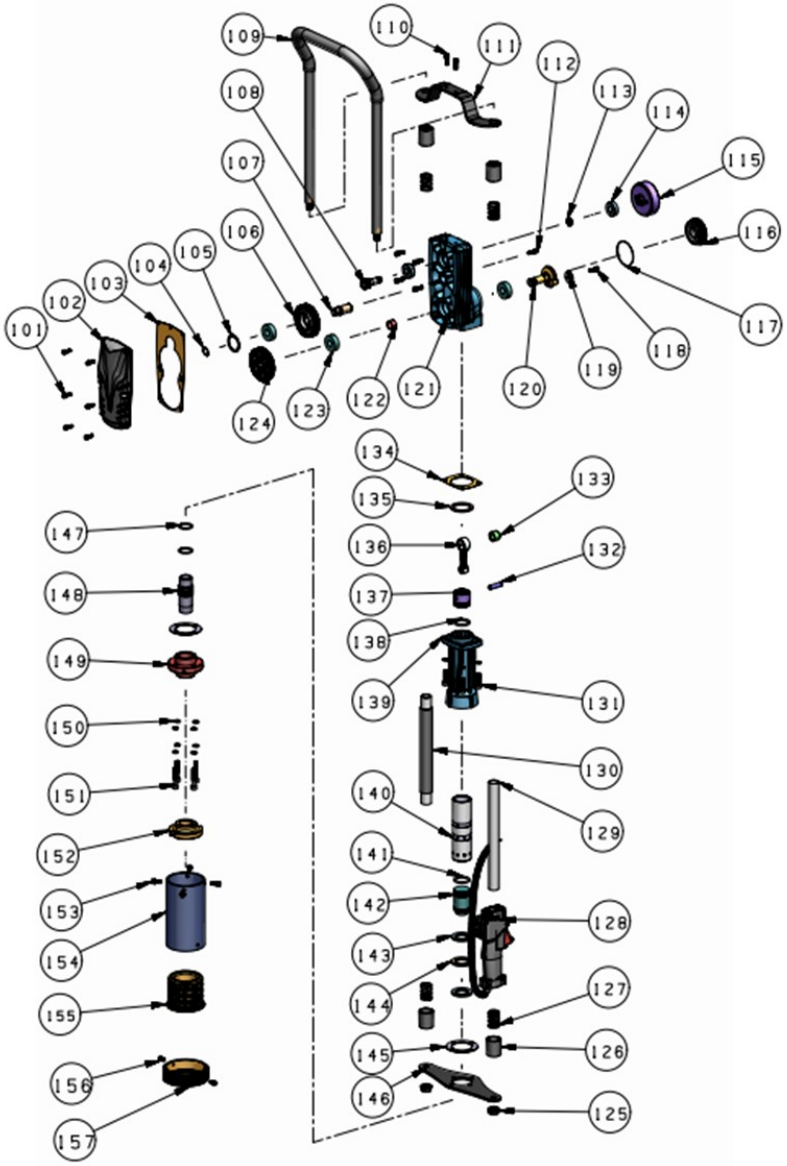
Controls



Item

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

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.

Maintenance Guidlines

Gear Box	Clean/ Replace used lube or add	Check 2 months	Replace 12 months
Engine oil	Replace used oil or top up	Top up daily	Replace 8 hours
Cylinder/ Impact lube	Clean/ Replace used lube or top up	Top up once a month	Replace every 3 months
Air filter	Clean	Inspect daily clean if re-quired	