Specifications

MODEL	**P38**
WEIGHT	**88 LBS.**
SIZE (LXW)	**22” X 17 X 20**
FLOW RATE	**5.5 GPM**
OPERATING PRESSURE	**1650 PSI**
ENGINE	**7HP OHV**
MAX PRESSURE	**1750 PSI**
HOSE SIZE	**3/8” DIA.**
HYDRAULIC OIL TYPE	**ISO VG-32**
OIL TANK VOLUME	**1 US GAL.**

THIS MANUAL IS SUBJECT TO CHANGE WITHOUT NOTICE

UNIT SERIAL NUMBER

_____

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

SKIDRIL

OPERATION & PARTS **MANUAL**

HYDRAULIC PACK MODEL P38

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

FOLLOW ALL SAFETY INSTRUCTIONS

1-800-843-3745

Service Notes

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Service Notes

Operation

PREPARATION AND USE

1. Fill the engine with the correct type of oil and fuel per the engine makers operating manual.

2. Fill/check the oil tank on the pack (see pg. 1 item 6), with hydraulic tool oil.

*** Use *ONLY* Hydraulic oil ISO VG-32 or equivalent.**

3. Connect the driver/breaker hoses to the power supply (see page 1 items 8&9).

4. Inspect all hoses, connections, fittings and fasteners on the pack for damage before each use.

5. Start the engine per the engine makers operating instructions.

6. Allow the pack to run for a few minutes without operating the attached breaker/driver to warm oil.

7. Drive post and or use the breaker per the post driver/breaker instruction manual.

8. Shut down power supply and continue to next location. Repeat steps 1-7.

NOTICE!

** **ALWAYS***
Be sure to check all fluid levels on the pack before starting.
** **ALWAYS***
Connect hydraulic hoses to the the pack from the tool before starting the power supply
** **ALWAYS** be sure couplers are clean and free of debris before connecting!*
** **ALWAYS** check hydraulic oil color (if opaque replace ASAP).*
** **ALWAYS** block the pack wheels or secure it from movement before use.*

WARNING!

** **DO NOT** operate the pack with damaged hoses, fittings or fasteners.*

** **DO NOT** substitute hoses for another make/ type.*

** **DO NOT** use with pack/ tool over your head.*

** **DO** check for overhead wires or utilities.*

** **DO** call for a locate of underground utilities. BEFORE using!*

Troubleshooting Continued

3. Breaker or driver has reduced power.

POSSIBLE CAUSE	SOLUTION
Insufficient hydraulic oil	Add oil to the hydraulic tank.
Old or dirty hydraulic oil	Drain all oil from hydraulic tank and replace.
Engine RPM is set to low	Increase engine speed per engine makers operating instructions.
Hydraulic pump is damaged	**Have pump/pack serviced.

4. Oil temperature rises abnormally.

POSSIBLE CAUSE	SOLUTION
Radiator is blocked	**Have radiator/pack serviced.
Fan is blocked	Shut down power unit. Remove debris from fan and radiator.

*** WARNING! To avoid risk of injury or death, troubleshooting solutions marked with a red double-asterisk (**) should only be performed by an authorized SKIDRIL service center or trained professional .*

PARTS LIST

No.	Part Number	Name	Qty
1	MU02E019AO	Mounting Plate (a)	1
2	CAB050050020BY	Fan (t)	1
3	MU08Z052A	Coupling (e)	1
4	MU08Z054A	Hub	1
5	MU08Y004A1	Fan Casy Assy	1
6	MU08Z053A	Coulping (p)	1
7	MU08Z003A0	Radiator Cover Assy	1
8	MU08Z007A0	Radiator	1
9	MU02E008B0	Stud Bolt	4
10	MU04Z005A0	Pump Flange	1
11	MU08Z018A0	Valve Body (l)	1
12	MU04Z006A0	Suction Flange	1
13	403-40099	Pump Flange	1
14	Aj-2083-06	Adapter	2
15	QC-03F	Coupler (female)	1
16	QC-03M	Coupler (male)	1
17	01126*8-52	Low Pressure Hose	1
18	OKEXEL15x1B125	Suction Hose	1
19	MU08Z009A0	Elbow	1
20	OP-22	O-Ring	2
21	BH-8x20	Bolt	4
22	N1-6	Nut	4
23	B-8X25	Bolt	4
24	BH6x40	Bolt	3
25	SH-4x6	Screw	2
26	WS-8	Washer	20
27	WS-6	Washer	22
28	MU02Z09A0	Washer	6
29	BPH1-PT3/8	Plug	1
30	BH-4x6	Bolt	1
31	N1-8	Nut	12
32	B-6x15	Bolt	4
33	B-6x10	Bolt	4
34	MU08Z006A0	Lid	1
35	BG-6x15	Bolt	10
36	MU08Y002A0	Tank	1
37	1240-404	Washer	10
38	BM-3/4	Tank Cap	1
39	D6-H40 CD	Oil Lever Meter	1
40	CT-04	Suction Filter	1

Parts List Continued

40	CT-04	Suction Filter	1
41	RC04-30-15	Return Filter	1
42	LJ-04BN	Barrel Nipple	1
43	AJ-9034-08	Adapter	1
44	01126-8-26	Low Pressure Hose	1
45	MU08X001A1	Frame (p)	1
46	MU06Z002A0	Engine Base	1
47	WP-8	Washer	4
48	B-8x40	Bolt	4
49	KA-30	Rubber Cushion	4
50	2.5-4	Tire	2
51	PS-3.2x30	Pin	2
52	SS-8	Hose Band	2
53	BPQ-PT3/8	Plug	1
54	L4Nx6-PT1/4	Elbow	2
55	MU08Z005A0	Tank Packing	1
56	T0806B-0.250	Tube	1
57	MU08Z008A1	Handle	1
58	WF-8(1L)	Washer	2
59	NN-8	Nut	1
60	MU05Z003A0	Pin	1
61	PB-25	Ball	1
62	OS-7	O-Ring	1
63	MU05Z005A0	Rubber Leg	1
64	NU-6	Nut	1
65	WP-6	Washer	1
66	B-6x25	Bolt	1
67	MU05Z009A0	Key	1
68	CC-03F	Coupler (female)	2
69	CC-03M	Coupler Cap (male)	4
70	MU08Z012A0	Front Rubber	1
71	MU08Z015A0	Rotary (L)	1
72	MU08Z017A0	Plate (L)	1
73	FLR-8	Control Lever	1
74	AJ-2097-06	Adapter	1
75	OP-10(1A)	O-Ring	1
76	OBP-10	Back Up Ring	1
77	BH-5x15	Bolt	4
78	BH-6x45	Bolt	3
79	WS-5	Washer	4
80	PR-4x14	Pin	3

Troubleshooting

1. The PACK does not start.

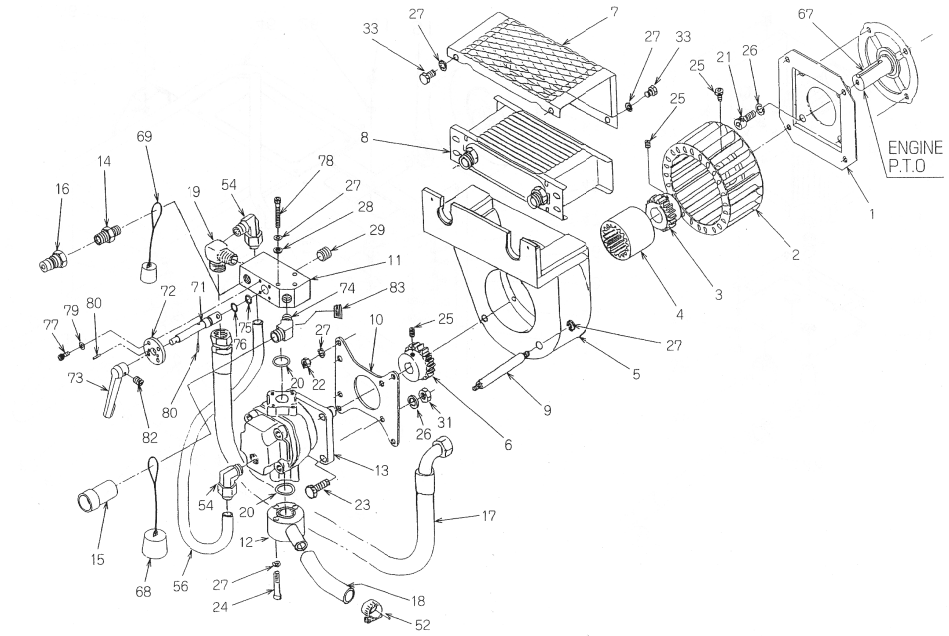
POSSIBLE CAUSE	SOLUTION
Engine does not start	Start engine per manufacturers instruction manual.
Hose are not connected	Check that hoses from driver/ breaker are attached.
Incompletely connected couplings	Remove and re-attach quick couplings.
Tool (breaker/Driver) malfunction	Remove tool from hose connection and use one hose to create a loop if engine starts have tool **serviced.
Broken control valve. **	Replace control valve. **

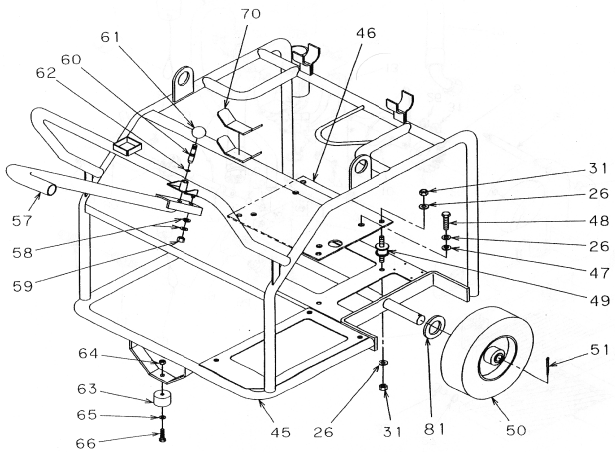
2. The Starter is hard to pull.

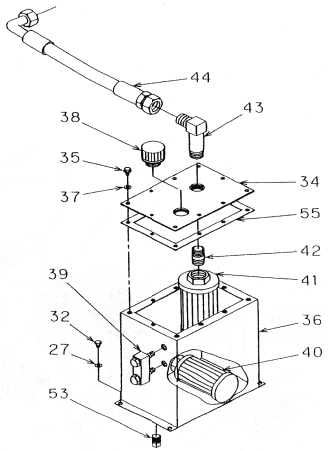
POSSIBLE CAUSE	SOLUTION
Hoses are not connected	Check that hoses form driver/ breaker are attached.
Engine is seized or out of oil	Try adding oil to the engine if this doesn't work have it **repaired.
Pump coupler or pump are damaged.	Confirm your power supply has sufficient oil volume. **If yes have pump or coupler repaired.

*** WARNING! To avoid risk of injury or death, troubleshooting solutions marked with a red double-asterisk (**) should only be performed by an authorized service center or trained professional .*

Exploded View



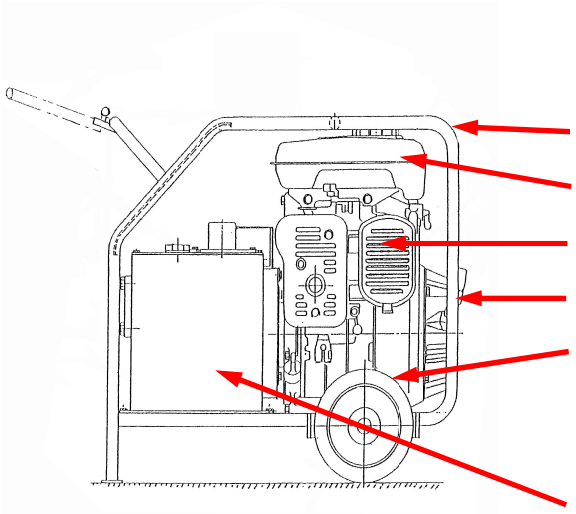


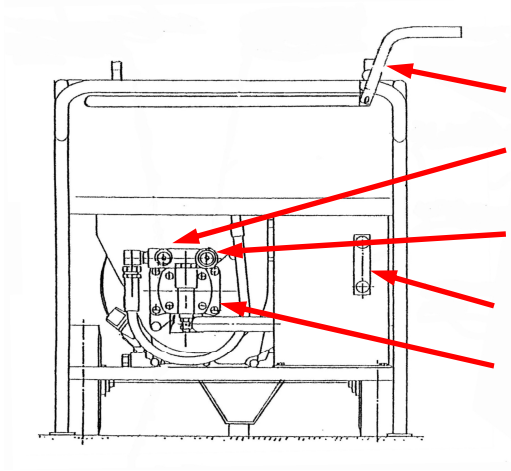


MAINTENANCE

CHECK FOR LOOSE MISSING OR DAMAGED HOSES, OR FASTENERS AND HAVE REPAIRED OR REPLACED BEFORE USING FURTHER. **CHECK ALL OIL LEVELS**	**DAILY**
REPLACE HYDRAULIC OIL	**EVERY 100 HOURS**
CLEAN OUT HYDRAULIC OIL TANK	**EVERY 100 HOURS**
CLEAN SUCTION FILTER	**EVERY 100 HOURS**
REPLACE FILTER CARTRIDGE	**EVERY 200 HOURS**
ENGINE SERVICE	**SEE ENGINE MAKER OPERATORS MANUAL**

Component Identification





ITEM

1. Frame
2. Fuel Tank
3. Engine
4. recoil start
5. Tire
6. Hydraulic Tank
7. Handle
8. Return Side (coupler)
9. Pressure side (coupler)
10. Hyd. Oil Sight
11. Pump

Service Notes

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 OR PERFORM REPAIRS ON THIS EQUIPMENT.

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

DO NOT: REFUEL OR ADD HYDRAULIC OIL TO A HOT OR RUNNING MACHINE.

DO NOT: SPILL FUEL OR HYDRAULIC OIL WHEN FILLING THE MACHINE.

DO NOT: ATTACH OR DETACH THE DRIVER HOSES WHILE THE POWER SUPPLY IS ON OR RUINING.

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: MODIFY THE MACHINE IN ANY WAY OR USE WITH NON SKIDRIL PARTS.

DO NOT: OPERATE THE MACHINE WITHOUT SOLID FOOTING OR WITH THE MACHINE ELEVATED ABOVE YOUR HEAD.

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

DO NOT: OPERATE THE MACHINE WITH LOOSE, DAMAGED OR MISSING PARTS.

Helpful Tips & Service

When using the pack to run a driver/breaker to drive posts, use drive adapters which are correctly matched to the post your installing. Call SKIDRIL if you have any questions about drive adapters or tools.

To maximize driving/breaker power, do not use more than 25' of hose.

To prevent dirt from entering the quick-connect couplings, and possibly damaging the or power supply, be sure to clip couplings together after disconnecting tool.

Your *SKIDRIL* requires regular service (at least annually) to maintain it in good running order, and ensure long life.

As well if you have your *SKIDRIL* serviced annually you will continue to enjoy the security of a limited life time warranty.

Where to obtain service:

SKIDRIL **services the products it sells so send it to SKIDRIL INC., 235 Labrador Drive, Randleman, NC 27317 U.S.A.**

How to ship:

NOTICE: Do not ship gasoline-powered equipment by airfreight, even after emptying all fluids, as this is in violation of FAA regulations.

Most major carriers can deliver the machine to us and back to you.