

SMITHCO

Wayne, Pennsylvania 19087

OPERATOR'S MANUAL

SUPREME LIQUID COOLED

Model 35-000-A

SUPREME AIR COOLED

Model 36-000-A

**Starting Serial #101910 LC
#201910 AC**

January 1998

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Thank you for purchasing a **SMITHCO** product.

Read this manual and all other manuals pertaining to the Supreme carefully as they have safety, operating, assembly and maintenance instructions. Failure to do so could result in personal injury or equipment damage.

Keep manuals in a safe place after operator and maintenance personnel have read them. Right and left sides are from the operator's seat, facing forward.

All **SMITHCO** machines have a Serial Number and Model Number. Both numbers are needed when ordering parts. The serial number plate on the Supreme is located on the main frame under the seat hood. Refer to engine manual for placement of engine serial number.

For easy access record your Serial and Model numbers here.

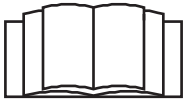




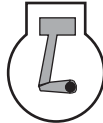
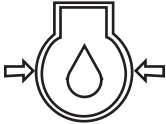

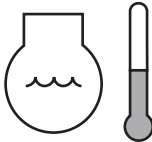
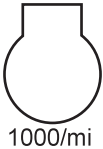






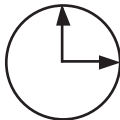
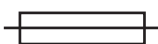





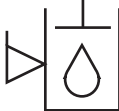
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MODEL NO.	<input type="text"/>	kg/lb <input type="text"/>


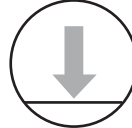


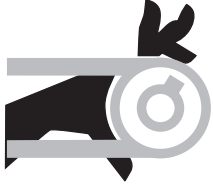
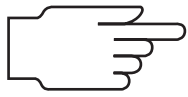


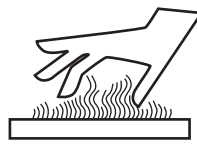
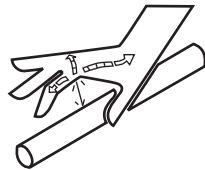
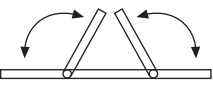
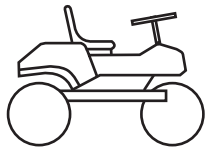
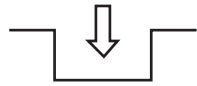


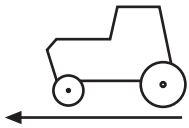





Information needed when ordering replacement parts:

1. Model Number of machine
2. Serial Number of machine
3. Name and Part Number of part
4. Quantity of parts

SYMBOLS

	Read Operator's Manual		Electrical Power		No Electrical Power
	Engine - Stop		Engine - Start		Engine - Run
	Engine Oil		Temperature Light		Water Temperature
	RPM 1000/mi		Gasoline		Diesel
	Glow Plug - On		Glow Plug - Off		Glow Plug
	Hour Meter		Hour Meter		Fuse
	Hand Throttle		Choke - Closed		Choke - Open
	Park Brake		Park Brake Release		Hydraulic Oil Level

	Up/Down Arrow		Down/Lower		Up/Raise
	No Smoking		Moving Parts		Manual Operation
	Pinch Point		Step		Hot Surface
	Hydraulic Fluid Penetration		Lift Arm		Tractor
	Engage		Disengage		PTO
	Ground Speed		Fast		Slow
H	High	L	Low	F	Forward
R	Reverse	N	Neutral		Warning Danger Caution

SAFE PRACTICES

1. It is your responsibility to read this manual and all publications associated with this machine (engine, accessories and attachments).
2. Never allow anyone to operate or service the machine or its attachments without proper training and instructions. Never allow minors to operate any equipment.
3. Learn the proper use of the machine, the location and purpose of all the controls and gauges before you operate the equipment. Working with unfamiliar equipment can lead to accidents.
4. Wear all the necessary protective clothing and personal safety devices to protect your head, eyes, ears, hands and feet. Operate the machine only in daylight or in good artificial light.
5. Inspect the area where the equipment will be used. Beware of overhead obstructions and underground obstacles. Stay alert for hidden hazards.
6. Never operate equipment that is not in perfect working order or without decals, guards, shields, or other protective devices in place.
7. Never disconnect or bypass any switch.
8. Carbon monoxide in the exhaust fumes can be fatal when inhaled, never operate a machine without proper ventilation.
9. Fuel is highly flammable, handle with care.
10. Keep engine clean. Allow the engine to cool before storing and always remove the ignition key.
11. After engine has started, machine must not move. If movement is evident, the neutral mechanism is not adjusted correctly. Shut engine off and readjust so the machine does not move when in neutral position.
13. Never use your hands to search for oil leaks. Hydraulic fluid under pressure can penetrate the skin and cause serious injury.
14. This machine demands your attention. To prevent loss of control or tipping of the vehicle:
 - A. Use extra caution in backing up the vehicle. Ensure area is clear.
 - B. Do not stop or start suddenly on any slope.
 - C. Reduce speed on slopes and in sharp turns. Use caution when changing directions on slopes.
 - D. Stay alert for holes in the terrain and other hidden hazards.
15. Before leaving operator's position for any reason:
 - A. Disengage all drives.
 - B. Lower all attachments to the ground.
 - C. Set park brake.
 - D. Shut engine off and remove the ignition key.
16. Keep hands, feet and clothing away from moving parts. Wait for all movement to stop before you clean, adjust or service the machine.
17. Keep the area of operation clear of all bystanders.
18. Never carry passengers.
19. Stop engine before making repairs/adjustments or checking/adding oil to the crankcase.
20. Use parts and materials supplied by SMITHCO only. Do not modify any function or part.

These machines are intended for professional maintenance on golf courses and baseball fields. Other use is forbidden.

WEIGHTS AND DIMENSIONS

Length	72" (183cm)
Width	58" (147cm)
Height	42" (107cm)
Wheel Base	46" (117cm)
Weight	870 lbs (395kg) Kawasaki LC 868.5 lbs (395 kg) Kohler AC

SOUND LEVEL (DBA)

At ear level	72 dba
At 3 ft (0.914 m)	75 dba
At 30 ft (9.14 m)	62 dba

ENGINE

Make	Kawasaki	Kohler
Model#	FD 620D BSO3	TH16S
Type / Spec#		PA-52527
Horsepower	20 hp (14.9kW)	16 hp (11.9 kW)
Fuel	Unleaded 87 Octane	Unleaded 87 Octane
	Gasoline Minimum	Gasoline Minimum
Cooling System	Liquid Cooled	Air Cooled
Lubrication System	Pressure Type	Full Pressure

WHEELS & TIRE

Front: 21 x 11.00 x 8NHS 5 psi (.35bar)
 Rear: 25 x 12.00 x 9TBC 5 psi (.35bar)

PARK BRAKE

Hand Operated Lever to Disk Brakes

SPEED

Forward Speed	0 to 11 mph (0-18kph)
Reverse Speed	0 to 5 mph (0-8kph)

BATTERY

	Automotive Type 45-12 Volt
Cold Cranking Amps	480
Ground Terminal Polarity	Negative (-)
Maximum Length	9" (23cm)
Maximum Width	5.38" (14cm)
Maximum Height	9" (23cm)

FLUID CAPACITY

Crankcase Oil	See Engine Manual
Fuel	15.6 quarts (14.8liters)
Hydraulic Fluid	12.9 quarts (12.2liters)
Grade of Hydraulic Fluid	SAE 10W-40 API Service SG Motor Oil

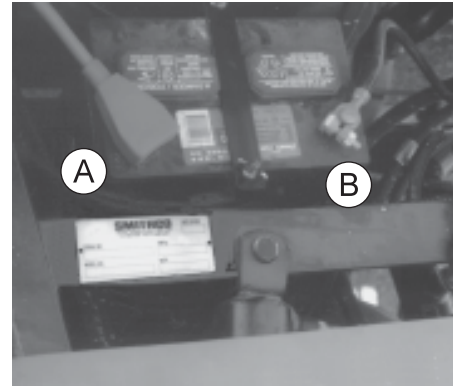
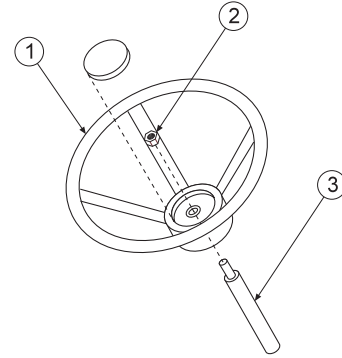
OPTIONAL EQUIPMENT

13-107	Infield Scarifier
13-116	Weed Cultivator
13-355	Hydraulic 3-Bank Valve
13-577	Scarifier Vertical Blades
13-438	Rake Assembly
13-606	Rake Assembly
26-007	Professional Infield Finisher
26-008	Flex Action Field Finisher
34-168	Sand Plow
34-188	Hydraulic Sand Plow (Factory Installed)
34-189	Hydraulic Sand Plow (Dealer Installed)
34-191	Box Grader
34-190	Spiker

SETUP

The Bunker Rakes arrive from **SMITHCO** with some assembly required before service.

1. Set park brake. Push park brake lever away from drivers position to set brake.
2. Rear wheel mounting. Block front tire. Jack up rear of machine, being careful not to damage underside of machine. Place wheel on hub, lining up bolt holes. Use the ten lug nuts provided. Then torque to 64 - 74 ft/lb (87-100Nm) using a cross pattern. Retorque after the first 10 hours and every 200 hours thereafter. Lower machine to ground and remove blocks and jack.
3. Install steering wheel (Ref#1) on machine. Put steering wheel onto shaft (Ref#3). Place nut(Ref#2) on wheel shaft. Tighten nut and place cap over nut.
4. Check the tire pressure. The tire pressure should be 5 psi (0.35bar).
5. Battery not furnished. Install an automotive type 45 -12 volt; 480 cold cranking amps (minimum) battery in the battery box of the Supreme. This is a negative grounding system. Attach the battery hold-down. Then attach red positive (+) cable (A) to positive terminal. Slide rubber boot over the positive terminal to prevent shorts. Attach black negative (-) cable (B) to the negative terminal.



WARNING

Connecting battery cables to the wrong post could result in personal injury and/or damage to the electrical system. Make sure battery and cables do not interfere or rub on any moving part. Connect the red positive (+) cable (A) to the battery first. When disconnecting remove the black negative (-) cable (B) first.

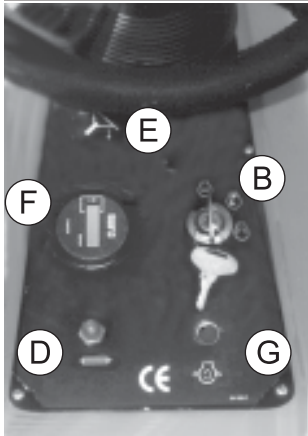
6. Check engine oil and add as necessary. See engine manual for recommended motor oil. **DO NOT OVER-FILL.**
7. Fill Gas Tanks with Unleaded 87 Octane gasoline (minimum).



DANGER

Gasoline is flammable. Caution must be used when storing or handling it. Do not fill fuel tank while engine is running or in an enclosed area. Fumes are explosive and dangerous to inhale. **DO NOT SMOKE** while filling the fuel tank. **DO NOT OVERFILL.**

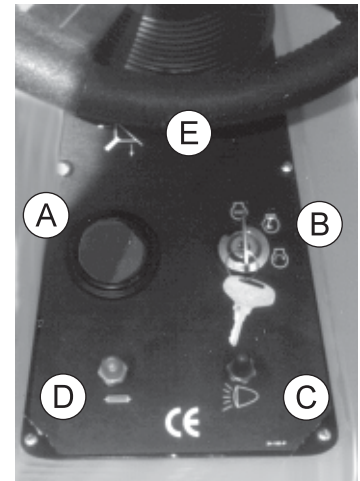
8. Check hydraulic oil level on the tank of the Supreme. The level should be 2 -2¹/₂" (5 - 6.35cm) from bottom of filler neck. If level is low, add SAE 10W-40 API Service SG motor oil.
9. Machine should be greased before starting. There are two grease fittings on the Supreme. One on the belt idler arm and one on the rod end of the steering cylinder. Use No. 2 General Purpose Lithium Base Grease.
10. Read operating instructions before starting machine.



Air Cooled

INSTRUMENTS LOCATED ON THE DASHBOARD

- A. **Cluster Gauge** - Temperature indicator light at 10 o'clock position. Oil pressure light at 2 o'clock position. Low battery indicator light at 4 o'clock position.
- B. **Ignition Switch** - The ignition switch has three positions: Off-Run-Start.
- C. **Light Switch** - Toggle switch that turns headlight on/off. If equipped with Light Bar, controls headlights on light bar.
- D. **Circuit Breaker** - The circuit breaker is a resetable fuse. To reset push down on it.
- E. **Tilt Steering** - Hold lever down and adjust steering wheel to desired position.



Liquid Cooled

- F. **Hour Meter** - The hour meter indicates hours of machine operation. The hour meter operates when ignition switch is on.
- G. **Oil Light** - The oil light should come on when ignition is on without engine running. The oil light will light when the oil pressure is low. If oil light should come on, shut off engine immediately and find the cause.

INSTRUMENTS LOCATED ON THE CONTROL PANEL

- H. **Two or Three Wheel Drive** - Push to engage front wheel drive and pull out to disengage front wheel drive.
- J. **Choke** - Pull choke control knob up to close choke plate when starting a cold engine. A warm engine may not require "choking" to start.
- K. **Hand Throttle** - The hand throttle is used to regulate engine speed.
- L. **Rake Lift Lever** - This lever raises and lowers all rear attachments. To raise push forward, to lower pull back. Release the lever when attachment is in proper position and lever will return to neutral.
- M. **Lift Assembly Lever** - This lever raises and lowers all attachments under the center of the machine. To raise push forward, to lower pull back. Release the lever when attachment is in proper position and lever will return to neutral.



STEERING

Aquaint yourself with the steering before operating the machine. This machine is equipped with a tilt steering mechanism(E). The lever to tilt the steering wheel is located at bottom of rubber boot on steering column. Hold the lever down and adjust the steering wheel to a comfortable position.

HOURMETER

Located under the hood on the left seat tube. The hour meter indicates hours of machine operation. The hour meter operates when ignition switch is on.

SEAT ADJUSTMENT

Seat adjustment lever is located under front of seat on left side. It allows seat adjustment forward or backward for operator's comfort.

RIGHT FLOORBOARD

Two Pedal Foot Control: Foot pedal controls forward and reverse motion and also acts as a brake. Pushing down on the front pedal will give you a forward motion and pushing down on rear pedal will give you a reverse motion. When pedal is released the hydrostatic transmission centers and stops the vehicle with a braking action. Ground speed is proportional to how far the foot pedal is depressed.

PARK BRAKE

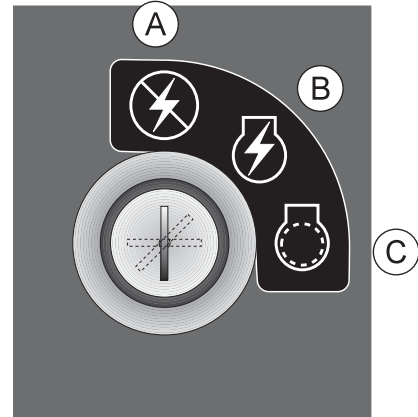
Park brake is located on the left side of the machine next to control panel. Push lever away from drivers position to set brake and pull lever towards drivers position to release brake. Park brake must be applied to start trap rake.

OPERATION AND DAILY CHECK LIST

STARTING ENGINE

Before operating this machine, become familiar with all controls and functions of this units. Also complete all maintenance requirements and read all safety warnings. By knowing the machine thoroughly, how it operates and by doing the prescribed maintenance steps, you can expect relatively trouble-free operation for years to come.

1. Make sure the fuel flow valve, located on the fuel tank, is "ON."
2. Set park brake. Start safety switch is on the park brake.
3. The ignition switch is a three position. Insert key (A) and turn clockwise until engine starts (C). Release key and it will return to run position (B). Use choke and hand throttle as necessary.
4. Allow engine to idle and warm up a few minutes before selecting a direction of travel.
5. To shut off engine turn key to the stop position.



DAILY CHECKLIST

NOTE: Use all procedures and parts prescribed by the manufacturer's. Read the engine manual before operation.

The suggested maintenance checklist is not offered as a replacement for the manufacturer's but as a supplement. You must adhere to guidelines established by manufacturer for warranty coverage. In adverse conditions such as dirt, mud or extreme temperatures, maintenance should be more frequent.

DAILY CHECKLIST

1. Check park brake adjustment. Adjust as required.
2. Check engine oil level. Add as needed. DO NOT OVERFILL.
3. Tire pressure should be 5 psi (0.35bar) maximum.
4. Inspect electrical system for loose connections or frayed wiring, including battery cables. Replace any faulty equipment or tighten if loose.
5. Check hardware for loose or missing nuts, bolts, screws, etc., and tighten or replace as needed.
6. Inspect hydraulic lines for damage or leaks. Never use hands to inspect leaks.
7. Check hydraulic oil level.
8. Inspect steering, throttle and shift linkages for good hookups and clear travel.
9. Check anti-vibration mounts on engine frame.
10. Check controls for smooth, proper working operation. Lubricate as needed.

HOW TO RAKE A SAND TRAP

View bunker to determine the most efficient pattern to follow so that rake pattern and configuration of bunker will flow in same general direction and look attractive.

Enter bunker at its lowest point. Perhaps drain area or another point where "lip" of the trap is minimal.

Hydraulic drive tractors engine speed should open at 75% - 100% of maximum order to insure proper hydraulic system performance and maximum engine cooling.

Operate at 2-4 mph (3-6.5 kph) for best raking results. Control speed with hydraulic pedal.

Once fully inside bunker, lower rear rake and proceed forward as described above.

First pass should be directly down center of trap. This helps avoid extremely sharp turns that will spoil sands' appearance. Once at far end, turn machine and drive down one side of trap and come back up other side.

Grass or other material may build up on rake tines as machine passes "enter/exit" point in Figure 1. Lift rake briefly while still moving forward.

Do not rake closer than 6" (15cm) to edge of trap.

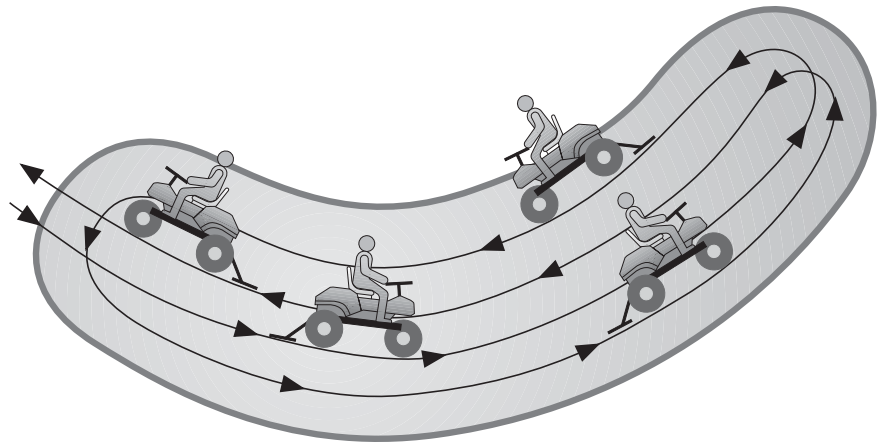
Do not rake slopes in trap. The weight of machine will pull sand down.

Use cultivator or other center mounted accessories only as necessary for compacted sand. Frequent use will leave sand too soft and objectionable to some golfers.

Use front mounted plow to push sand to desired locations within trap.

After exiting trap, secure machines in accordance with practices described in this manual. Rake trap edges, slopes and "enter /exit" area with a hand rake.

After returning to maintenance area, thoroughly clean machine, check fluids, and lubricate as advised in this manual.



TOWING

When it is necessary to move the Supreme without engine running, by-pass valve built into hydrostatic pump must be "open" by turning it counter-clockwise. The valve is located on top of the pump on the liquid cooled(kawasaki) and the bottom of the pump on the air cooled(kohler). An "open" valve allows fluid to pass through the wheels freely. When normal, driven, operation is desired, valve should be "closed" by turning it clockwise. Failure to "close" the valve with engine running means no power to wheels.

BATTERY

BATTERY

Batteries normally produce explosive gases which can cause personal injury. Do not allow flames, sparks or any ignited object to come near the battery. When charging or working near battery, always shield your eyes and always provide proper ventilation.

Battery cable should be disconnected before using "Fast Charge".

Charge battery at 15 amps for 10 minutes or 7 amps for 30 minutes. Do not exceed the recommended charging rate. If electrolyte starts boiling over, decrease charging.

Always remove grounded (-) battery clamp first and replace it last. Avoid hazards by:

1. Filling batteries in well-ventilated areas.
2. Wear eye protection and rubber gloves.
3. Avoid breathing fumes when electrolyte is added.
4. Avoid spilling or dripping electrolyte.



Battery Electrolyte is an acidic solution and should be handled with care. If electrolyte is splashed on any part of your body, flush all contact areas immediately with liberal amounts of water. Get medical attention immediately.

JUMPSTARTING

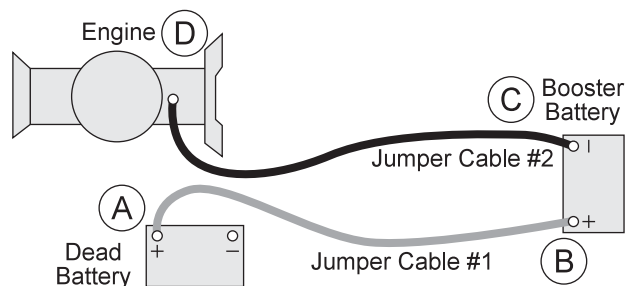


Use of booster battery and jumper cables. Particular care should be used when connecting a booster battery. Use proper polarity in order to prevent sparks.

To jump start (negative grounded battery):

1. Shield eyes.
2. Connect ends of one cable to positive (+) terminals of each battery, first (A) then (B).
3. Connect one end of other cable to negative (-) terminal of "good" battery (C).
4. Connect other end of cable (D) to engine block on unit being started (NOT to negative (-) terminal of battery)

To prevent damage to other electrical components on unit being started, make certain that engine is at idle speed before disconnecting jumper cables.

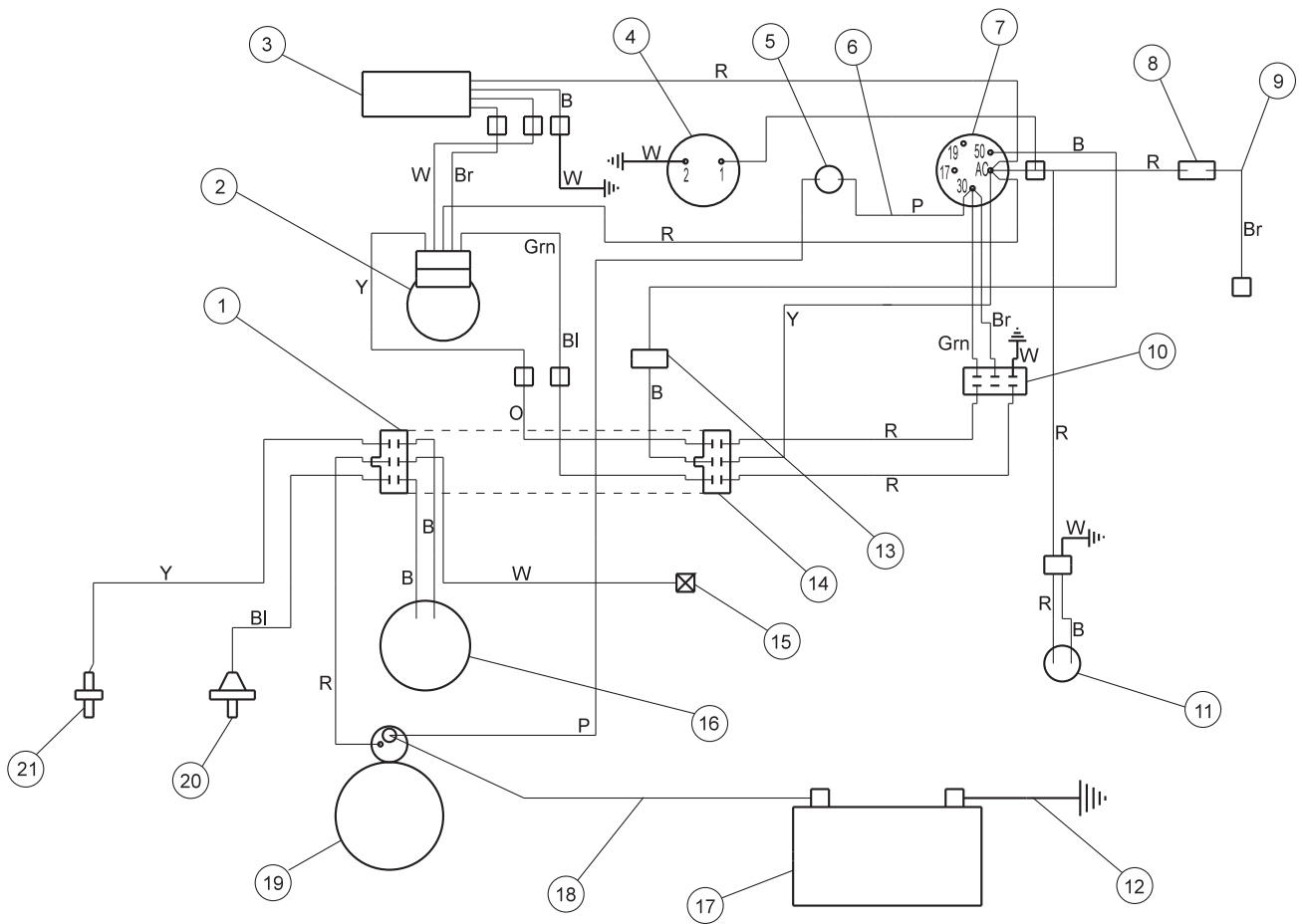


WIRING DRAWING (KAWASAKI LIQUID COOLED)

Color Code Chart

Bl	Blue
Br	Brown
Y	Yellow
Grn	Green
O	Orange
R	Red
B	Black
P	Purple
W	White

Diagrams



WIRING PARTS LIST (KAWASAKI LIQUID COOLED)

REF #	PART #	DESCRIPTION	QUANTITY
1		Plug-In Connector (Engine Wire Harness)	
2	34-205	Cluster Gauge	1
3	34-206	Low Battery Indicator Module	1
4	12-017	Hour Meter	1
5	34-146	Circuit Breaker	1
	34-145	Circuit Breaker Boot	1
6	34-204	Wire Circuit Breaker To Switch # 30	1
7	17-068	Ignition Switch	1
8	12-003	Light Switch	1
	15-472	Boot	1
9	34-203	Wire Light Switch To Lights	1
10		Regulator (Part of Engine)	
11		Fuel Pump (Part of Engine)	
12	22-054	Black Battery Cable (Battery to Ground)	1
13	22-002	Interlock Switch	1
14		Plug-In Connector (Main Wire Harness)	
15		Ignition (Part of Engine)	
16		Charging Coils (Part of Engine)	
17	22-073	Battery	1
18	50-323	Red Battery Cable (Battery to Starter)	1
19		Starter (Part of Engine)	
20		Oil Sender (Part of Engine)	
21		Temperature Sender (Part of Engine)	
	22-017	Ground Strap (Engine Frame to Main Frame)	1
	34-150	Wire Harness (contains all wires except Ref# 6 & Ref# 9)	1

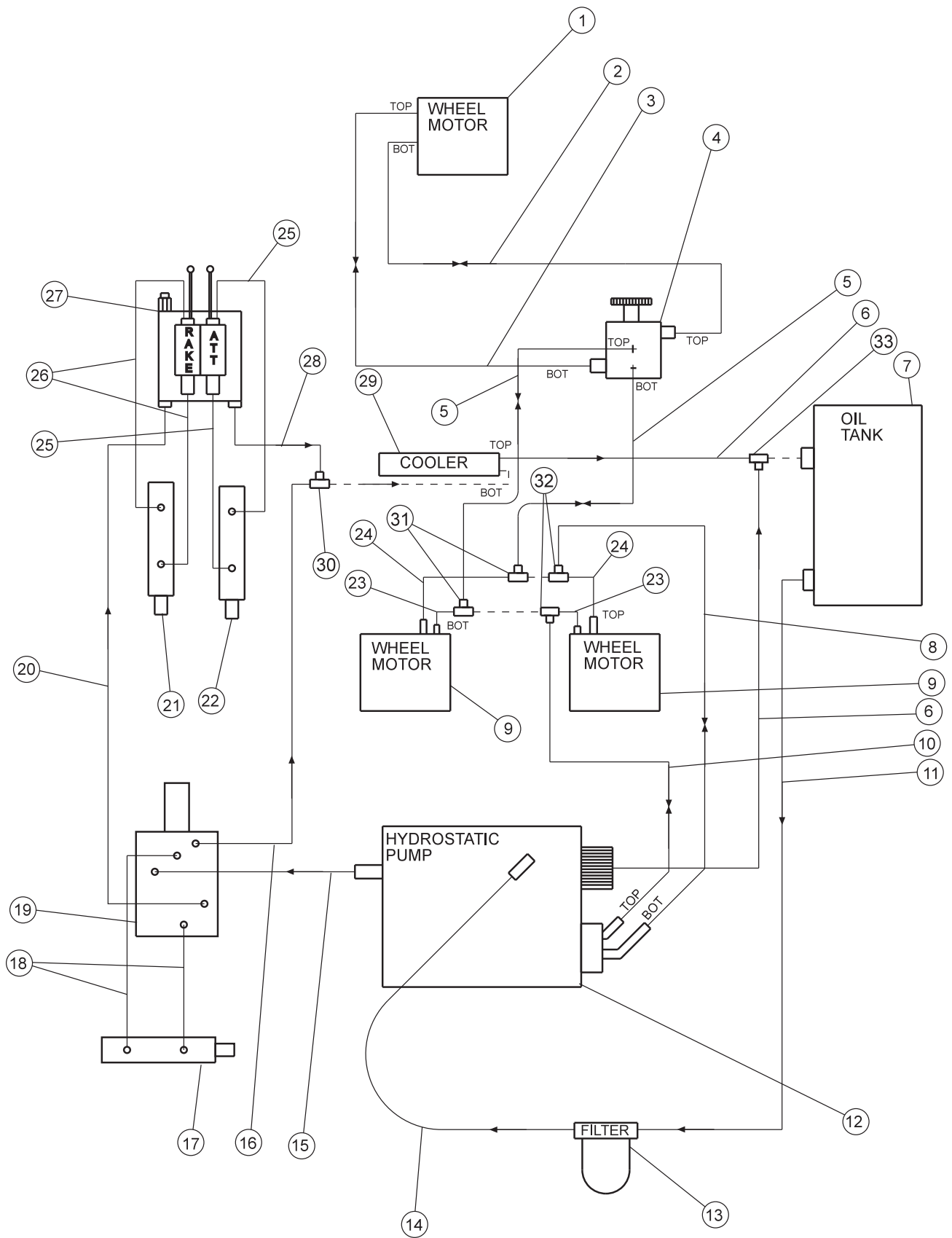
Diagrams

WIRING PARTS LIST (KOHLER AIR COOLED)

REF #	PART #	DESCRIPTION	QUANTITY
1	50-359	Oil Pressure Warning Indicator Light	1
	8874	Line Connector	1
	8875	Bullet Terminal	1
2	22-002	Interlock Switch	1
3	13-288	Key Switch with Hardware(Kohler # 25 099 04)	1
	76-310	Key Set	1
4	34-146	Panel Mount Circuit Breaker	1
	34-145	Circuit Breaker Boot	1
5	12-017	Hour Meter	1
6		Plug-In Connector (Wire Harness & Engine Wire Harness)	
7		Ignition Module (Part of Engine)	
8		Fuel Shut-Off Solenoid (Part of Engine)	
9		Rectifier (Part of Engine)	
10		Oil Sender (Part of Engine)	
11		Starter (Part of Engine)	
12	50-323	Red Battery Cable	1
13	22-073	Battery	1
14	22-054	Black Battery Cable	1
15		Cranking Relay (Part of Engine)	
	36-002	Wire Harness (Includes all wire colors with *)	1

HYDRAULIC DRAWING (KAWASAKI LIQUID COOLED)

Diagrams



HYDRAULIC PARTS LIST (KAWASAKI LIQUID COOLED)

REF #	PART #	DESCRIPTION	QUANTITY
1	13-032	Wheel Motor	1
2	13-424	Hydraulic Hose	1
3	13-425	Hydraulic Hose	1
4	13-409	On-Off Valve	1
5	34-174	Hydraulic Hose	2
6	34-140	Hydraulic Hose	2
7	13-584	Oil Tank	1
	23-095	Filler Breather	1
8	34-171	Hydraulic Hose	1
9	34-102	Wheel Motor	2
10	34-170	Hydraulic Hose	1
11	8832-6	Hose	1
	18-222	Hose Clamp	2
12	34-109	Hydrostatic Pump	1
13	23-006	Oil Filter	1
	23-031	Replacement Filter Only	
14	8832-13	Suction Hose	1
	18-222	Hose Clamp	2
15	34-131	Hydraulic Hose	1
16	34-132	Hydraulic Hose	1
17	75-714	Cylinder (steering)	1
18	34-130	Hydraulic Hose	2
19	34-103	Orbitrol Motor	1
20	34-133	Hydraulic Hose	1
21	13-357	Hydraulic Cylinder	1
22	13-292	Hydraulic Cylinder	1
23	34-172	Hydraulic Tube (short)	2
24	34-173	Hydraulic Tube (long)	2
25	34-144	Hydraulic Hose	2
26	34-136	Hydraulic Hose	2
27	13-261	Hydraulic Valve (2 bank)	1
	34-110	Valve Handle Set (2 bank)	1
28	34-142	Hydraulic Hose	1
29	34-105	Oil Cooler	1
30	18-190	Tee	1
31	34-057	Tee	2
32	34-058	Swivel Tee	2
33	17-018	Tee, Male Branch	1

HYDRAULIC PRESSURES

Pump Displacement	.913 in. ³ / rev
Pump Input Speed (up to)	3600 RPM
Max. Operating Pressure	3500 PSI, 4500 Peek PSI
Charge Pump Displacement	.33 in. ³ / rev
Max. Inlet Vacuum	5 in. Hg
Max. Case Pressure	25 PSI
Implement Setting	700 - 1000 PSI
Relief Valve Pressure (set at)	3600 PSI
13-261 Hydraulic Valve (2 bank)	1500 PSI

HYDRAULIC PARTS LIST (KOHLER AIR COOLED)

REF #	PART #	DESCRIPTION	QUANTITY
1	13-032	Wheel Motor	1
2	13-424	Hydraulic Hose	1
3	13-425	Hydraulic Hose	1
4	13-409	On-Off Valve	1
5	34-174	Hydraulic Hose	2
6	34-140	Hydraulic Hose	2
7	13-584	Oil Tank	1
	23-095	Filler Breather	1
8	34-171	Hydraulic Hose	1
9	34-102	Wheel Motor	2
10	34-170	Hydraulic Hose	1
11	8832-32	Hose	1
	18-222	Hose Clamp	2
12	42-003	Hydrostatic Pump	1
13	23-006	Oil Filter	1
	23-031	Replacement Filter Only	
14	8817-18	Suction Hose	1
	18-077	Hose Clamp	2
15	34-131	Hydraulic Hose	1
16	34-132	Hydraulic Hose	1
17	75-714	Cylinder (steering)	1
18	34-130	Hydraulic Hose	2
19	34-103	Orbitrol Motor	1
20	34-133	Hydraulic Hose	1
21	13-357	Hydraulic Cylinder	1
22	13-292	Hydraulic Cylinder	1
23	34-172	Hydraulic Tube (short)	2
24	34-173	Hydraulic Tube (long)	2
25	34-144	Hydraulic Hose	2
26	34-136	Hydraulic Hose	2
27	13-261	Hydraulic Valve (2 bank)	1
	34-110	Valve Handle Set (2 bank)	1
28	34-142	Hydraulic Hose	1
29	34-105	Oil Cooler	1
30	18-190	Tee	2
31	34-057	Tee	2
32	34-058	Swivel Tee	2

HYDRAULIC PRESSURES

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13-261 Hydraulic Valve (2 bank)	1500 PSI

EG-KONFORMITÄTSERKLÄRUNG

entsprechend der EG-Richtlinie 89/392/EWG

Wir

SMITHCO INC.

(Name des Anbieters)

34 West Ave., Wayne, PA 19087 USA

(vollständige Anschrift der Firma - bei in der Gemeinschaft niedergelassenen Bevollmächtigten ebenfalls Angabe der Firma und Anschrift des Herstellers)

erklären in alleiniger Verantwortung, daß das Produkt

Supreme LC / 35-000 and Supreme AC / 36-0000

(Fabrikat, Typ)

auf das sich diese Erklärung bezieht, den einschlägigen grundlegenden Sicherheits- und Gesundheitsanforderungen der EG-Richtlinie 89/392/EWG,

(falls zutreffend)

sowie den Anforderungen der anderen einschlägigen EG-Richtlinien

EN292-1

EN292-2

EN294

EN349

92/59

89/392

(Titel und/oder Nummer sowie Ausgabedatum der anderen EG-Richtlinien)

entspricht

(falls zutreffend)

Zur sachgerechten Umsetzung der in den EG-Richtlinien genannten Sicherheits- und Gesundheitsanforderungen wurde(n) folgende Norm(en) und/oder technische Spezifikation(en) herangezogen:

ISO 37-1983

PREN 836

ISO 1219-1976

SAE HS-2800

SAE J1362

(Titel und/oder Nummer sowie Ausgabedatum der Norm(en) und/oder der technischen Spezifikation(en))

Cameron, Wisconsin USA

March 19,1995

Ort und Datum der Ausstellung)



(Name, Funktion und Unterschrift des Befugten)

EC DECLARATION OF CONFORMITY

according to Directive 89/392/EEC

We

SMITHCO INC.

(Name of supplier)

34 West Ave. Wayne, PA 19087 USA

(Full address of the manufacture - authorized representative established in the Community must also give the business name and address of the manufacture)

declare under our sole responsibility, that the product

Supreme LC / 35-000 and Supreme AC / 36-0000

(Make, Model)

to which this declaration relates corresponds to the relevant basic safety and health requirements of the Directive 89/392/EEC,

(if applicable)

and to the requirements of the other Directives:

EN292-1

EN292-2

EN294

EN349

92/59

89/392

(Title and/or number and date of issue of the other Directives)

(if applicable)

For the relevant implementation of the safety and health requirements mentioned in the Directives, the following standard(s) and/or technical specification(s) has (have) been respected:

ISO 37-1983

PREN 836

ISO 1219-1976

SAE HS-2800


SAE J1362

(Title and/or number and date of issue of standard(s) and/or technical specification(s))

Cameron, Wisconsin USA

March 19, 1995

(Place and date of issue)



(Name, function and signature of the authorized person)

LIMITED WARRANTY

SMITHCO warrants this product to be free from defects in material and workmanship under normal use for one year from the date of purchase by the original user. (60 days if product is used for rental purposes.) All warranty claims must be handled through a SMITHCO authorized dealer or by SMITHCO, INC. All transportation charges must be paid by the purchaser.

There is no further express warranty. All implied warranties, including those of merchantability and fitness for a particular purpose, are limited to one year, (60 days if product is used for rental purposes) from the date of purchase by the original user, and to the extent permitted by law any and all implied warranties are excluded and disclaimed after the expiration of such period.

All incidental and consequential damages, including pickup and delivery of the unit, communication, mileage charges and/or rental of a replacement unit during repair, are not covered under this warranty, nor is any loss of income and/or other loss resulting from the failure of the product to function due to a warranty defect.

The following items are not covered under the SMITHCO warranty, and are warranted by their respective manufacturer.

- (a) Engine and engine parts, including starters, generators, alternators and filters.
- (b) Transaxle, differentials, gear boxes and mechanical pumps.
- (c) Hydrostatic transmissions, hydraulic pumps and motors.
- (d) Batteries.
- (e) Wheels and tires.

A copy of the warranty for the above items is furnished if necessary with each SMITHCO product.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitations of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights, which may vary from state to state.

Federal law now requires disclosure of the warranty which applies to this product prior to the sale to a customer. Please leave this statement attached to the product and allow the buyer to remove it after purchase.

SMITHCO

Wayne, Pennsylvania 19087

