

DOSKO

Stump & Root Grinder

Model Number

- 691-SP 20 HP Honda
- 691-SP 20 HP Kohler

OWNERS MANUAL

WITH SAFETY INSTRUCTIONS AND PARTS LISTING

DOSKO
20195 S. DIAMOND LAKE RD SUITE 100
ROGERS MN 55374
800-822-0295

Product Registration	1
Table of Contents	2
Message to operator	3
Receiving your unit	4
Safety	5-7
Stickers	8
Pre-Operating checklist	9-10
Operating procedures	
Before starting engine	11
Starting engine.....	11
grinding stump.....	12
helpful hints.....	12-13
Adjustments	
Belt.....	14
Differential.....	15
Clutch.....	15
Hydrostatic drive	15
Disc brake control.....	16
Operator presence stop switch.....	17
Maintenance Check	
Engine.....	18
Belts.....	18
Clutch.....	18
Hydrostatic drive	18
Disc brake control.....	18
Differential.....	18
Setting and sharpening teeth	19-21
Parts diagram	22
Parts listing	23-27
Peerless parts listing	28-29
Eaton parts listing	30-45
Wiring diagrams	
691-SP Honda.....	46
691-Sp Kohler.....	47
Warranty	48
Notes	49

Upon receiving your new unit, it is always exciting to “get going” and see its performance!

The “Operator”, however, is the key to everything!

Every operator should read this owner’s manual to be sure of safety instructions and proper operating procedures. If the owner of this unit is different than the operator, reading this manual will not protect the operator! Make sure the operator reads this manual! As with any mechanical equipment, this equipment is very safe if used with care and precaution - or very dangerous if used carelessly!

Performance is also equal to the operator’s knowledge of how to use the equipment!

Be a Good Operator!

Be a Safe Operator!

Think Safety!

Delivery by Truck

Depending on your unit and model, it may have been shipped on a wooden skid, cardboard container, or other appropriate method. If there appears to be any shipping damage, it should be called to the attention of the truck driver and acknowledged by him. If not, stop and call the truck lines immediately for inspection and verification.

Note: Shipping Damage Claims Are Not Covered By Warranty!

Some assembly may be required! If Iso, instructions are included as a separate flyer. Read these assembly instructions carefully! After assembly is completed, Do Not Start Unit until reading “Pre-Operating Check List” section (pages 9-10).

Delivery by Dealer

Your unit should have been delivered completely assembled and ready to run! Do Not take anything for granted! Read the “Pre-operating Check List” (pages 9-10), and verify that the unit has been properly “prepped” before initial use.

Factory Pick-up or Delivery

In these cases, your unit has been completely assembled, tested and pre-run. It should be ready for immediate usage.



Before operating unit, read and understand all operating instructions and safety information in this manual!! Failure to follow safety procedures could cause serious personal injury or loss of limbs!



Read and Understand this Manual!



Understand and follow all of the Stickers!
(See page 8)



Always Wear Safety Gear!

Eye and face protection, ear and hearing protection, heavy-duty work gloves sturdy, non-slip footwear heavy-duty, tight fitting clothing.



Never allow pets or children within 25 feet of working area!



NO SMOKING OR OPEN FLAME NEAR THE UNIT!



Failure to follow safety procedures could cause serious personal injury or loss of limbs!



Be Prepared for Emergencies!



Replace Worn or Unreadable Stickers!



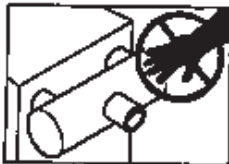
Always Remove Key When Not in Operation!



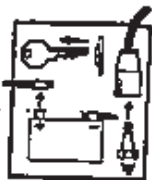
Never Use in Foul Weather!



Contact with Rotating Teeth Will Cause Serious Personal Injury!



Never Touch Engine or Muffler While in Use!



Before doing any service or maintenance, shut off the engine, allow engine to cool, remove the key, the positive battery cable, and both spark plug wires!



**Never Operate Unit in an Enclosed Area!
The Exhaust Fumes Are Deadly Poisonous!**



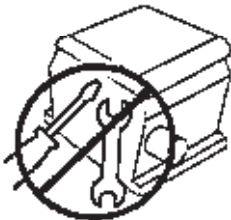
Failure to follow safety procedures could cause serious personal injury or loss of limbs!



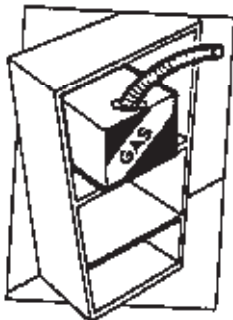
Shut Off the Engine Immediately If the Unit Develops Any Unusual Noises or Vibrations!



Never Operate Without Guards and Covers in Place!



Never Tamper With the Governor Setting on the Engine!



Always Store Gasoline Away From Children!



Refer to Engine Manufacturer's Manual For Additional Safety Instructions!



Questions? Call Your Authorized Dosko Dealer!

If Any of These Stickers Become Unreadable, Replace Immediately!

DOSKO

PN 16183

stump grinder

PN 16249

CAUTION

CUTTER
WHEEL

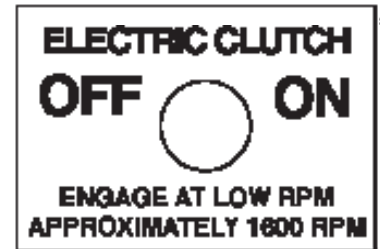
PN 16221



PN 16248



PN 16355



PN 16364-E



PN 16189-SP

Sticker Kit, Complete: PN 16317-SP



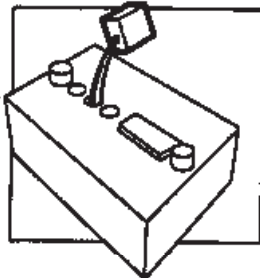
Be Sure That You Have Read And Understand This Entire Manual Before Proceeding!!

The following sections are of utmost importance before using your unit:

- “Receiving your unit”
- “Message to operator”
- “Safety instructions”
- “Operating procedures”

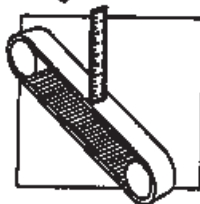


Check oil in engine (see engine manufacturer’s manual).

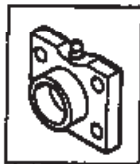


If battery has been shipped “dry”:

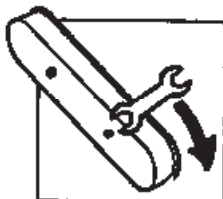
Add battery acid, be sure that caps and cable connectores are secure. Be careful not to get acid on the paint. If this occurs, wash immediately with water. Even though leaving the battery set for 15 minutes will often allow self charging enough to start an engine, a battery charger should always be used to bring the new battery to a full charge. The engine charges at only a 3 amp rate under initial conditions, and may not be enough to ever bring the battery up to its charge capability, and may even cause shortened battery life.



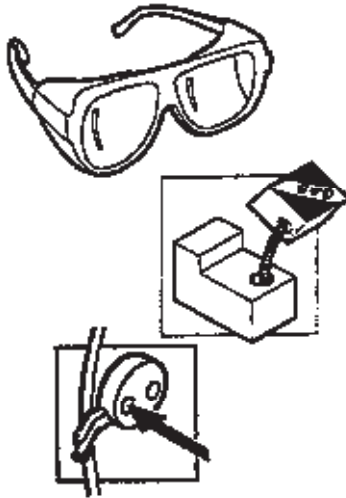
Check belt tension (3/16{ or 11.00 to 14.00 pounds tension between pulleys) (see page 14).



Grease the (2) cutter shaft bearings.



Check that all bolts are tight, and that all the guards are in place.



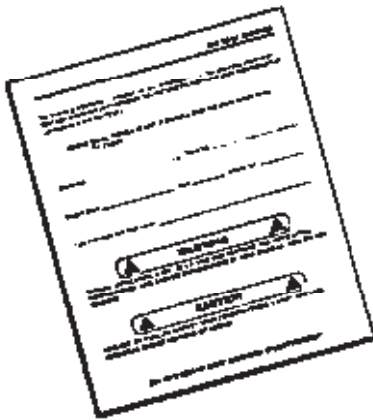
Be sure that all safety gear is used by the operator.

Add gasoline to the gas tank, observing safety rules.
(located in engine manual)

Check cutting teeth for tightness (see pages 19-21).



Check that all controls on the instrument panel are tightened securely.



Please complete "Product Registration" (pg. 1)! This will be helpful for future correspondence when ordering parts or requesting information. This will also ensure your warranty.



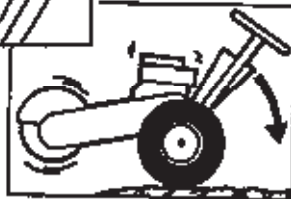
Be Sure That You Have Read And Understand This Entire Manual Before Proceeding!!



Before Starting Engine

Adjust handle bar to a comfortable position and repin.

Be sure brake is locked.



Push handle down so the cutter wheel is off the ground.

Starting Engine

Pull choke if engine is cold.

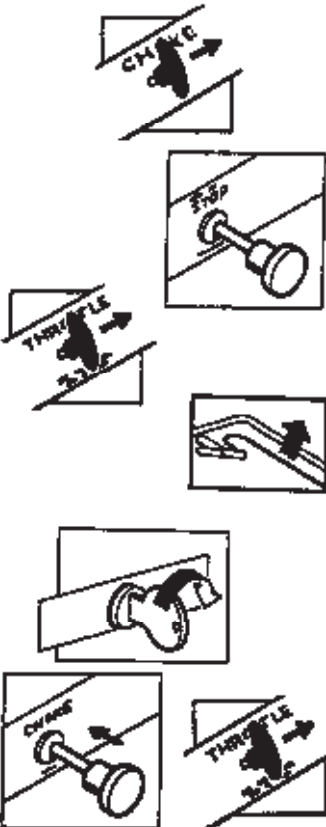
Be sure "on-off" (push-pull) switch is in "on" position.

Open throttle to 1/4 open - throttle has a twist lock - turn left and pull in or out, then twist to the right to lock.

engage Operator Presence Stop Switch Lever.

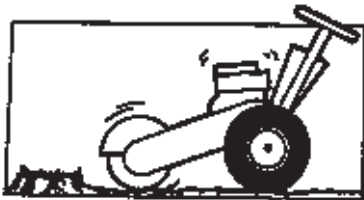
Turn key to start engine.

Push choke in, turning throttle slowly, to full open position.





Be Sure To Follow All Safety Instructions!



Grinding Stump

Place cutter wheel directly in front of stump.



Using lever on handle, lock the one wheel brake (for tighter brake adjustment, turn knob on top of of brake lever).



Pull throttle full “on” and twist to lock.



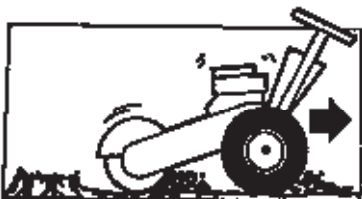
Move handle back and forth (left and right), allowing the cutter to grind the stump with each pass.

Continue to grind to desire depth.



Helpful Hints

When grinding over 10 inches above or below ground, adjust handle bar for better control and comfort.



On larger stumps, chips may begin to build up under wheels. Release brake and pull machine towards you so that the “chip pile” is directly under cutting wheel. Drop cutter wheel down on “chip pile”; all material will be discharge from machine area.



Be Sure To Follow All Safety Instructions!

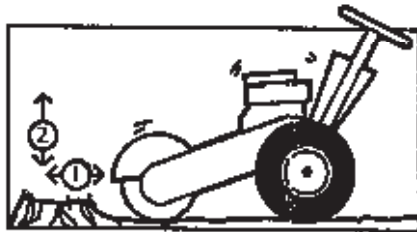


Helpful Hints (Continued)

Be sure brake is adjusted so that locked wheel will not creep while grinding.



On larger stumps, DO NOT allow stump grinder wheels to drop into hole - fill with chips or change position!



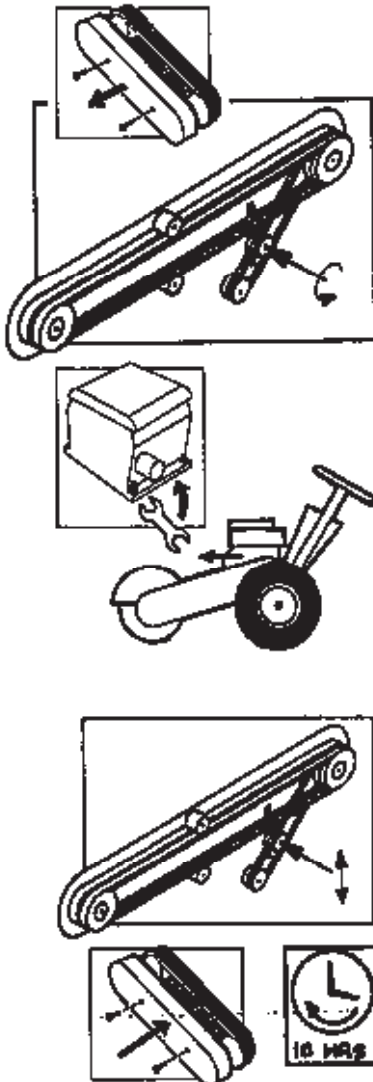
Just complete stump flush with ground, then go back and cut to desired depth.

After grinding:

- Allow engine to cool.
- Wash off grinder.
- Inspect grinder.
- Load for transport.



Before Attempting Any Adjustments, Be Sure That The Engine Is Shut Off, The Key, The Positive Battery Cable, And Both Spark Plug Wires Are Removed, And The Engine Is Cool To The Touch!



Belt Tension Adjustment

Note: Belt tension and alignment are inter-related. Do not adjust one without checking the other.

1. Remove belt guard.

2. Loosen (2) inner guard bolts attached to engine.

3. Loosen hydrostatic drive belt idler.

4. Loosen (4) engine base bolts.

5. With long socket extension drive, move engine forward with rear adjusting bolt.

6. When belt tension is proper (11 to 14 ft/lbs. tension), retighten all loosened bolts.

7. Reposition belt idler for hydrostatic drive.

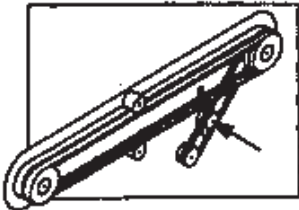
8. Reassemble belt guard.

Note: New belts require a “break-in” period of approx. 2 hours - readjustment may be needed at this time.

Note: Use only factory recommended belts! Contact your authorized Dosko dealer.



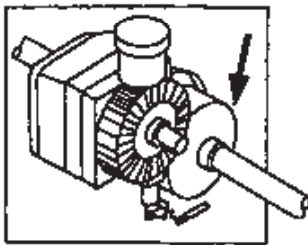
Be Sure To Follow All Safety Instructions!



Hydrostatic Belt Adjustment

Adjustment is made by moving cam bearing up or down.

CAUTION: Over tightening this belt will damage the hydrostatic pulley.



Differential Adjustment

This unit is totally enclosed and needs minimal maintenance. See manual for service.



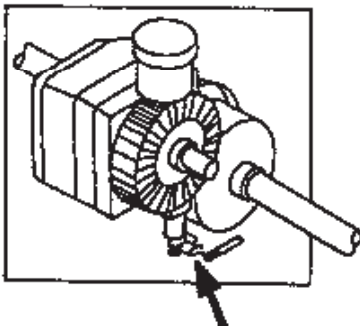
Clutch Adjustment

The electric clutch needs to no adjustment or lubrication.

Electric Clutch Engagement

The electric clutch needs no adjustments or lubrication.

CAUTION: A. Never engage clutch over 1,600 RPM. Any clutch engagement over 1,600 RPM can and will damage clutch. B. Make sure that there is a minimum of 12 volts to the clutch at all times. The torque arm on the clutch must move freely at all times from 1/8" up and down, and from side to side. You can viually inspect the torque arm through the square hold located in the back side of the beltguard.



DANGER: Never transport the stump grinder with the clutch engaged or cutter wheel rotating.

Hydrostatic Drive - Neutral Adjustment

The drive itself contains no adjustments. The ground control lever, however, when in automatic neutral position, should not allow any forward or rearward creeping of the grinder (providing the grinder is on level ground - on unlevel ground, see disc brake control on page 16). Neutral position is adjusted by removing the "Quick Disconnect" from the control arm, located on the bottom side of the transmission. Turn the "Quick Disconnect" socket one complete turn in either the forward or reverse position to adjust transmission into neutral (more than one turn may be needed in some cases).





Be Sure To Follow All Safety Instructions!



Hydrostatic Drive - Disengagement Adjustment

When the engine is not running, the grinder cannot be moved, since the hydrostatic drive is in “locked” position. On the belt guard side, there is a “T”-handle; turn handle clockwise so as to unlock Hydrostat Transmission. This will allow freewheeling. The Dosko Self-Propelled Stump Grinder is powered by a Hydrostatic Transmission and differential drive unit. When the engine is running, there is power to the transmission. Be careful to only “feather”, or move slowly, the control valve to transport the machine in a forward or reverse direction. The travel speed is determined on the RPM of the engine, and how quickly the control valve is moved.

When using grinder on unlevel ground, the grinder may have a tendency to creep down hills. The brake control located on the control panel can be pulled so as to lock the Disc Brake located on the Differential.

Additional braking may be required in some locations - turn Brake knob counterclockwise for maximum braking.

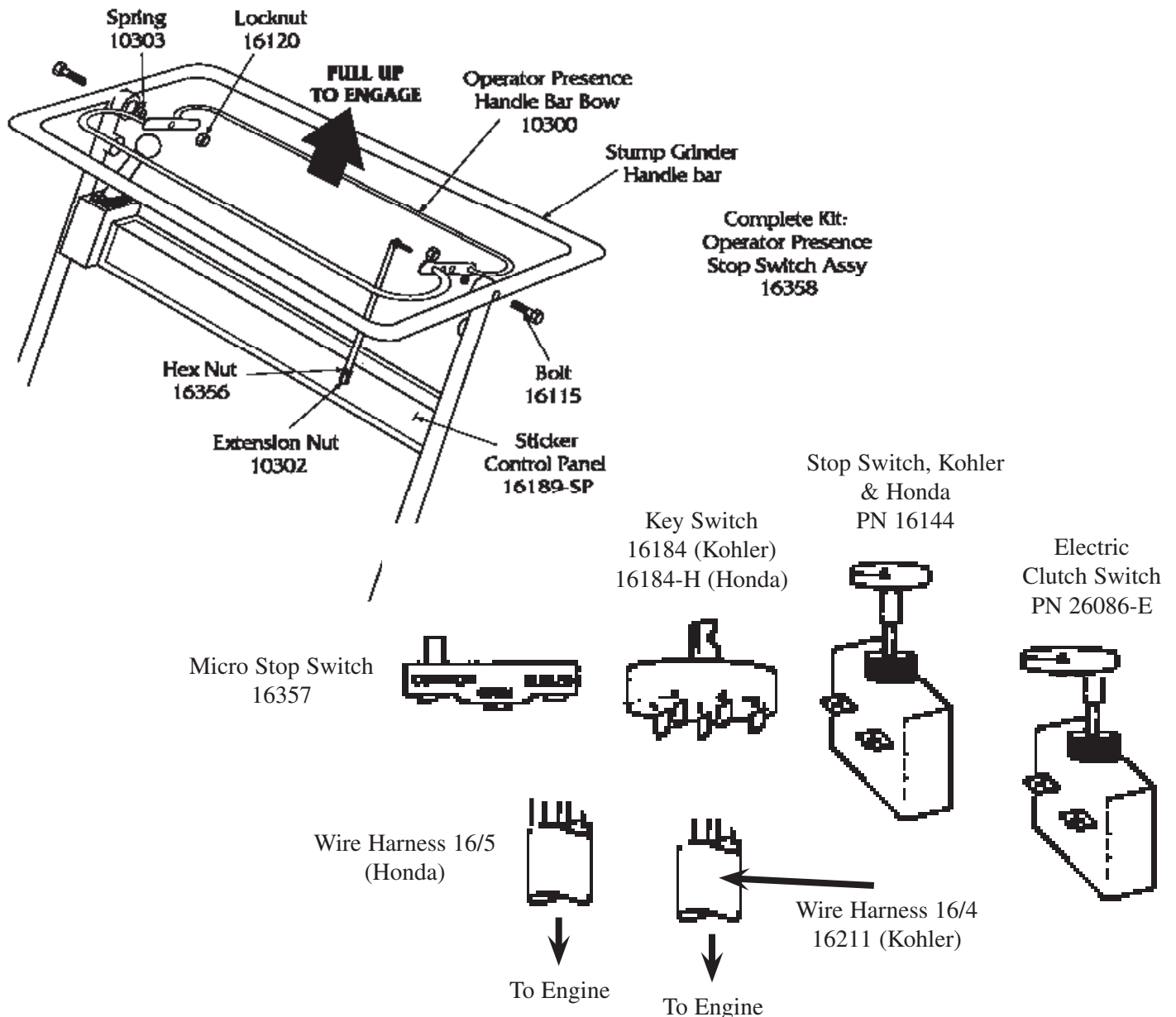
CAUTION: Damage can occur to Brake if too much pressure is applied.



Never Attempt To Alter, Modify, Or Override This Switch!

Stop Switch Adjustment

















1. Loosen Hex Nut.
2. Turn Extension Nut to either raise (tighten) or lower (loosen) the point of interaction with the stop switch.
3. Tighten Hex Nut.
4. Verify operability of Switch before operating machine by engaging the Operator Presence Stop Switch Handle Bar. You should hear a “click”, indicating that the Switch is working.





Before Attempting any maintenance, be sure that the engine is shut off, the key, the positive battery cable, and both spark plugs are removed, and the engine is cool to the touch!

USE ONLY AUTHENTIC DOSKO REPLACEMENT PARTS!

Item	What to check or action req'd	 Daily	 Each Use	 10 hours	 20 hours	 40 hours	2x/year
	Bearings, Shaft Grease				X		
	Bearings, Wheel Grease						X
	Belt Tension					X	
	Bolts Tightness			X			
	Engine See Manual						
	Gasoline Amount		X				
	Safety Switches Operation		X				
	Stickers Readable	X					
	Tires, Flaps Condition	X					
	Wires/Cables Condition		X				
	Cutter Teeth Sharpness		X				



Be sure to follow all safety instructions!

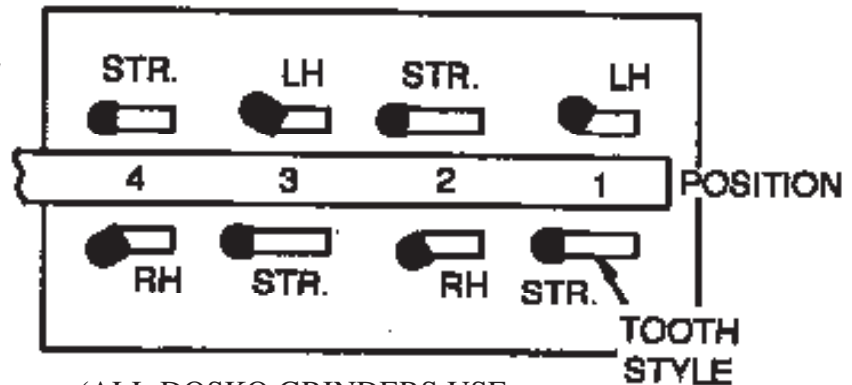


Teeth should be positioned in pockets and tightened to 100 to 110 ft/lbs. torque.

Teeth should be set using a Tooth Gauge so that all teeth will be projecting the same amount.

Teeth should be alternated so that you have the following pattern:

SHOWN CARBIDE
FACING DOWN



(ALL DOSKO GRINDERS USE
THIS STYLE OF SETUP)

CAUTION: Cutter will be out of balance and should never be run with a tooth missing or a badly worn tooth!

Dosko stump grinders are equipped with reversible pockets. When reversing pockets, position them in the same exact location - this will ensure the cutter wheel will remain in balance.

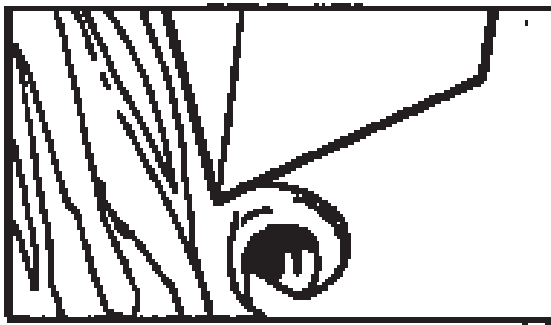
Teeth should be kept sharp at all times! Remember, if teeth are too badly worn, they become more difficult to sharpen.

**Use only pockets and teeth
recommended by Dosko!!**



Be sure to follow all safety instructions!

Dosko cutting teeth are tipped with heavy duty carbide. The advantages of such a cutting edge is much the same as with carbide retains its sharpness longer, cuts faster and smoother, and can withstand heat better. Through carbide is tremendously hard, it is also reasonably brittle. Sharpen the teeth before excessive wear or if a chip is noticed. Less material will have to be removed and the teeth will last longer with more frequent sharpenings.



A properly sharpened carbide edge undergoes very little pressure in cutting. A thin, sharp edge slices its way through the material, minimizing resistance.



A rounder dull edge creates high cutting pressures, because it must force its way through the material.

Grinding Equipment

Existing grinding equipment plus a special grinding wheel is all that is needed to grind the teeth.

Items needed:

- Any type bench or pedestal grinder.
- Coarse grinding wheel.
- “Green Wheel” for carbide grinding (P/N 16233 may be ordered from Dorskocil).

General Grinding Hints

1. Teeth are ground freehand since precision is not important. Any variance between teeth will not be noticed and a tooth that is ground shorter in length can be adjusted when mounting.
2. If possible, set the grinder up with a coarse wheel on one side, and the “Green Wheel” on the other side.
3. Using the “Green Wheel”, grind the end of the carbide until the edge is once again sharp. Avoid grinding on the top of the carbide, which would reduce its thickness and weaken it, making it more susceptible to cracking and chipping.



Be sure to follow all safety instructions!

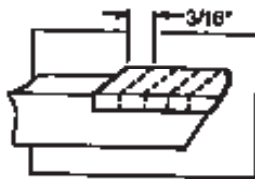
- As the end of the carbide is ground away, you will have to grind a relief on the square steel shank. The steel must be ground with the regular coarse grinding wheel and not the "Green Wheel".



- Although the angle is not critical, always grind the tooth so that there is a relief under the carbide edge.

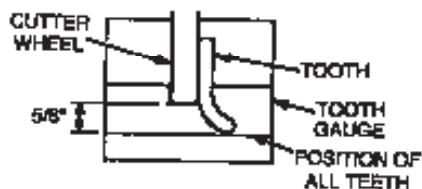


- The tooth may continue to be ground until the carbide has approximately 3/16" remaining.



Installation of Teeth

- When installing teeth on the Dosko Cutting Wheel, be sure that all teeth are extended an equal length beyond the wheel. A tooth gauge has been provided with the grinder for this purpose (P/N 10137-A)

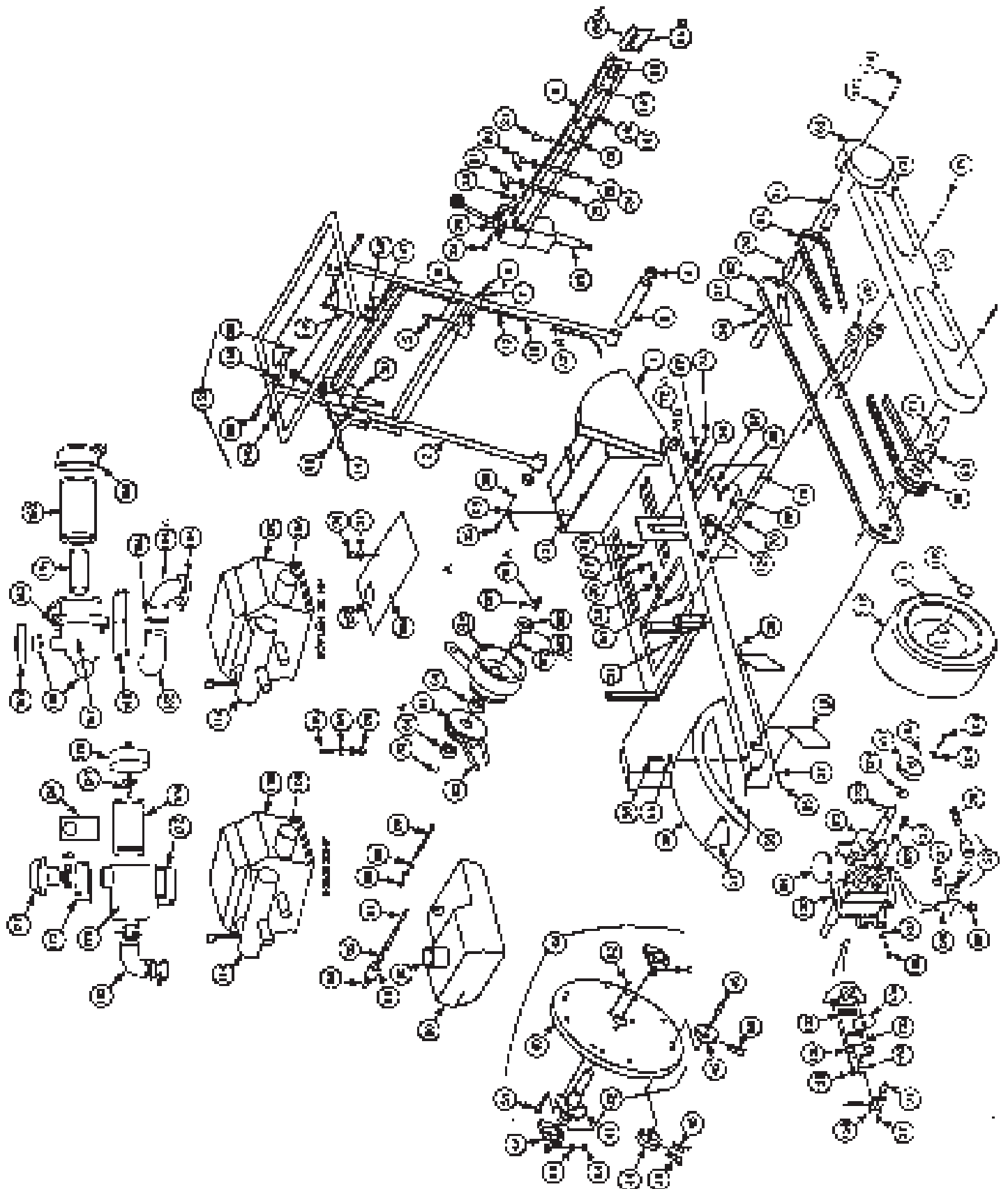


- After teeth are located in position, lock by tightening the (2) bolts in each tooth pocket.



Use Part Number When Ordering Parts:

P/N 16173Straight Tooth	P/N 16172..... Countersunk Pocket	P/N 16235..... Teeth Set
P/N 16174RH Tooth	P/N 16171..... Threaded Pocket	P/N 16289..... Green Wheel
P/N 16175 LH Teeth	P/N 16132..... Socket Head Bolt	P/N 10137-ATooth Gauge



Item No.	Quantity	Part Number	Description
1	1	10160-SP-K	Frame 691-SP - Kohler
1	1	10160-SP-H	Frame 691-SP - Honda
2	1	24080	Handle Bar
3	1	24081	Connector Bar
4	2	24116	Lock Collar (incl. set screws)
5	1	24138	Bent Pull Pin, 5/8"
6	1	24139	Spring 5/8"
7	1	24140	Washer 5/8" USS
8	1	16160	Clip 3/16"
9	1	16189-SP	Decal: "Control Panel"
10	1	16211-K	Wire Hareness, Kohler 4-Wire
10	1	16211-H	Wire Harness, Honda 5 wire
12	1	16144	On/Off Switch, Kohler or Honda
13	5	16146	Cable Tie
14	1	16148	Brake Lever
15	1	16150	Outer Brake Housing 44"
16	1	16149	Inner Brake Cable 55"
18	1	10098	Chute Flap
19	1	10096	End Flap
20	1	116133	Bearing, Idler
21	1	16144-A	Knob, On/Off Switch, Kohler, Honda
22	1	16230-H	Cable, Throttle - Honda
23	1	16230	Cable, Throttle - Kohler
25	1	16227	Cable, Choke
26	1	16227-A	Cable, Throttle, T-Handle
27	1	16227-B	Cable, Choke, T-Handle
28	1	16229	Control Valve, Forward/Reverse
29	1	16231	Cable, Control
30	1	16122	3/8" - 16 Hex Nut
31	2	16130	5/16" -18 x 3/8" Socket Set Screw
33	8	16182	1-4"-20 Lock Nut
34	8	16181	1/4"-20 x 2 1/2" Bolt
35	13	16158	5/16"-18 x 1" Bolt

Item No.	Quantity	Part Number	Description
36	20	16120	5/16"-18 Lock Nut
37	19	16126	5/16" Washer USS
38	2	16112	5/16"-18 x 1 1/2" Bolt
39	1	10158	Cutter Box
40	1	10130	Cutter Wheel, 14" Diameter
41	1	10185	Cutter Shaft 1 3/16"
42	1	10285	Shaft & Cutter Wheel Assembly
43	1	10151	Cutter Wheel Assembly (pockets, bolts, teeth, & bearings)
44	4	16172	Pocket, Counter Sunk
45	4	16171	Pocket, Threaded
46	8	16132	5/8"-18 x 1 3/4" Bolt, Socket HD
47	2	16135	Bearing, Pillow Block 1 3/16"
48	2	16174	Teeth, Right Hand
49	2	16175	Teeth, Left Hand
50	4	16173	Teeth, Straight
-	8	16235	Teeth, Complete Set of 8 Teeth
51	3	16131	Wheel Studs, 7/16"-20
52	3	16125	7/16"-20 Lock Nut
53	4	16192	1/2"-13 x 2" Bolt
54	4	16171	1/2"-13 Lock Nut
55	10	16127	Washer 1/2 SAE
56	2	16221	Decal: Caution: Cutter Wheel
57	1	16284	Decal: Danger: Keep Hands &
58	1	16258	Gas Filter - Kohler
59	1	16310	Gas Cap
60	1	16270	Gas Tank, 3 Gallon
61	1	16260	Nipple, Gas Tank
62	1	10053-SP	Inner Belt Guard, SP
63	1	10051-SP	Outer Belt Guard, SP
64-E	2	16154-E	Belt - AX 90
65	1	16256	Gas Hose, 1/4"
66	4	16257	Clamp, Gas Hose
67	1	16238	Cam Bearing, Transmission Belt
68	1	16237	Pulley, 2B 5,4
69	1	16152	Bushing, 1610 1 3/16"

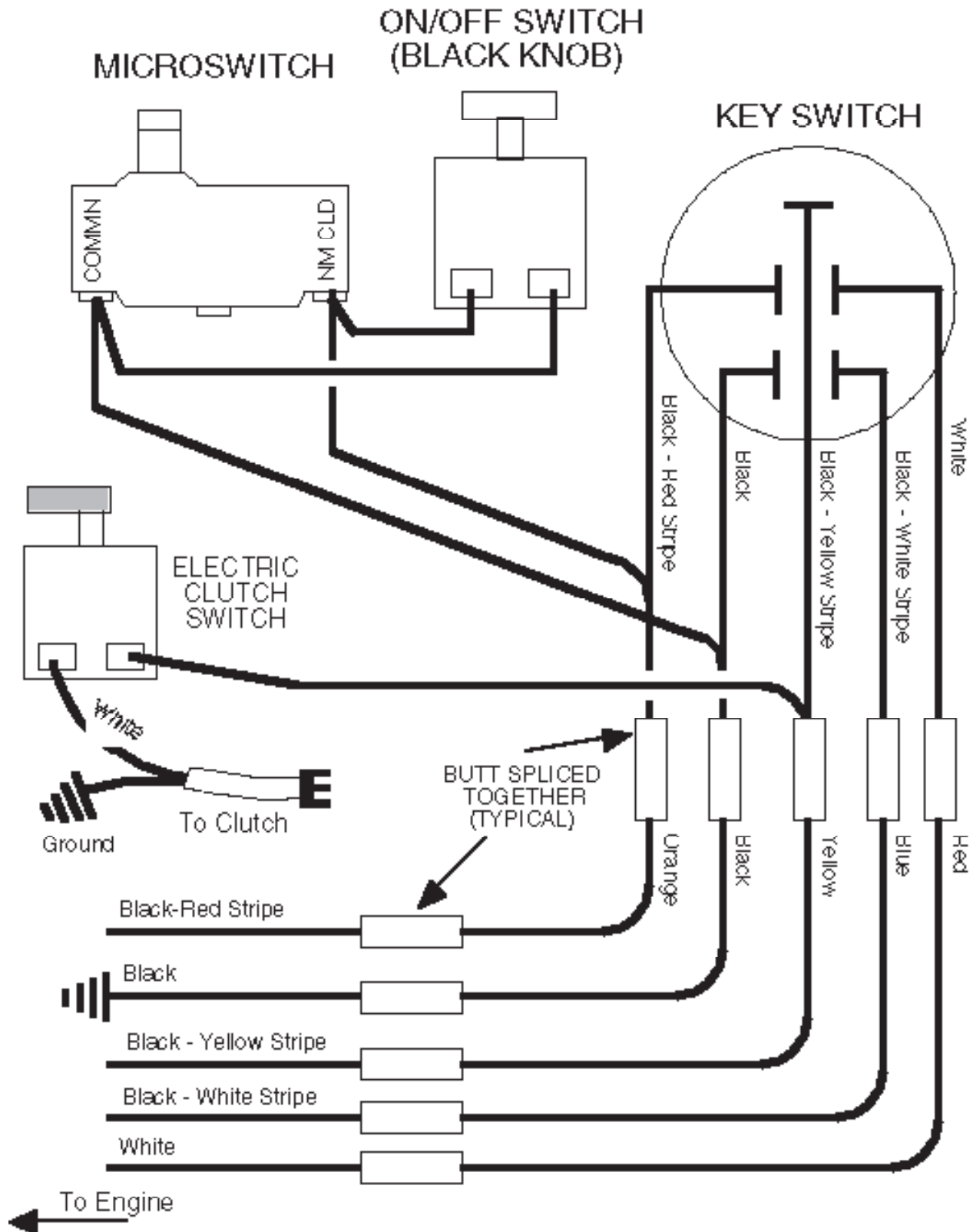
Item No.	Quantity	Part Number	Description
70	3	10054	Spacer, Belt Guard
72	1	16217	Decal: Dosko
73	1	16249	Decal: Stump Grinder
74	2	16114	5/16"-18 x 4" Bolt
75	1	16123	5/16"-18 x 4 1/2" Bolt
77	1	16191	1/2"-20 Lock Nut
78	1	16117	3/8"-16 x 3 1/2" Sq. Hd Set Screw
79	1	10221	T-Handle Transmission
80	1	16268	Cam Lever, Transmission
81	1	16239-K	Sheave, 3 1/2" Dia. 1 7/16" Bore
81	1	16239-H	Sheave, 3" Dia., 1 1/8" Bore
82	1	16307	Keyway, 3/16" x 1/4" x 5/8" Long
83	1	16235-H	Transmission Belt - 2340
83	1	16235-K	Transmission Belt - A-34
84	1	16303	Spacer, Engine, 1 1/8" id, 1/2" wid.
84-A	1	16236-K	1 7/16" Shim, 3/32 Sec. wide
85	1	16250-E-H	Electric Clutch, 1 1/8" Bore
85	1	16250-E-K	Electric Clutch, 1 7/16" Bore
86	1	26086-E	On/Off Switch, Electric Clutch
86-A	1	16363-E	Control Panel, Electric Clutch
86-B	1	16364-E	Decal: Control Panel, Clutch
87-A	1	16365-E	Wire Harness, Electric Clutch - Kohler & Honda
93	1	16248	Differential, Peerless
94	1	16241	Transmission, (Pump) Eaton
95	2	16212	Battery Cable
97	1	16209	3/8"-16 x 10" Bolt
98	8	16129	Washer, 3/8" USS
99	4	16193	3/8"-16 Lock Nut
100	1	16244	Gasket (Not Shown)
101	1	16240	Sheave 3" Dia., 5/8" Bore
102	1	16309	1/4"-20 x 3/4" Bolt
103	1	16262	Keyway, 1/8" x 1/2"
104	1	16312	1/4" Lock Washer
105	3	16200	3/8"-16 x 1 1/4" Bolt

Item No.	Quantity	Part Number	Description
106	4	16115	3/8"-16 x 1 3/4" Bolt
107	7	16190	3/8" Lock Washer
108	1	16285	Oil Filter - Kohler
109	1	16285-H	Oil Filter - Honda
110	2	16245	Tire, Tractor Tread
111	2	16245-A	Wheel (Rim)
114	1	16305-H	Muffler, 2 in 1 - Honda
114	1	16305-K	Muffler, 2 in 1 - Kohler
119	1	16247-20-H	Engine - Honda - 20HP - Complete with Muffler
120	1	16247-20-K	Engine - Kohler - 20HP - Complete with Muffler
121	1	16213	Battery
122	2	16264	Ring Clip, 1" Dia.
123	2	16263	Keyway, Woodruff 1/4" x 1 1/8"
124	1	16246	Spacer, Wheel
125	1	16232	Cable, Locking Bracker
126	1	16267	Control Arm, Transmission
127	1	16234	Pivot, Hydrostrat Cable
129	4	16186	3/8"-16 x 3" Bolt
130	4	16190	3/8" Lock Washer
131	1	16272	10-32 Lock Nut
132	2	16261	Disk Brake Pad
133	2	16240	Pin, Dowel
134	1	16341	Disk Brake
135	1	16342	Plate, Brake Pad
136	1	16343	Holder, Brake Pad
137	1	16344	5/16"-24 Lock Nut
138	2	16345	1/4"-20 x 1 1/4" Bolt
139	1	16233	Lever, Cable Clamp, Disk Brake
140	1	16184-H	Keyswitch - Honda
141	1	16184-K	Keyswitch - Kohler
	1	16242	Gear Spacer (Not Shown)
	1	16243	Tooth Gauge (Not Shown)
	1	16265	Ring Clip 3/4" Dia. (Not Shown)
	1	16235	Teeth, Complete Set of 8 (Not Shown)

Item No.	Quantity	Part Number	Description
145	1	16300	Operator Presence Handle Bar Bow
146	1	16301	Linkage
147	1	16302	Extension Nut
148	1	16356	5/16" Hex Nut
149	1	16357	Micro Switch
150	1	10303	Spring
151	1	16355	Decal: Made in the USA
152	1	16358	Operator Presence Stop Switch Kit
153	1	16359	Sticker Battery Has Been Shipped
154	1	16398	Cover, Battery Box
156	1	16373-K	Remote Heavy Duty Air Cleaner Complete - Kohler
157	1	16374-K	Air Cleaner Hood
158	1	16375-K	Air Cleaner Hood - Endcap
159	1	16376-K	Air Cleaner Pre Cleaner Cap
160	1	16377-K	Air Filter
161	1	16378-K	Inner Filter
162	1	16379-K	Engine Direct Mounting Bracket
163	1	16380-K	Mount Bracket - Air Cleaner
164	1	16381-K	Carboretor Adapter
165	1	16382-K	Hose Carboretor Adapter
166	1	16383-K	Clamp - Hose and Pre-Cleaner
171	1	16388-H	Remote Air Cleaner Complete - Honda
172	1	16389-H	Bottom Mount Bracket Air Cleaner
173	1	16390-H	Top Mount Bracket Air Cleaner
174	1	16391-H	Rubber Gasket - Air Cleaner
175	1	16392-H	Hood - Air Cleaner
176	1	16393-H	End Cap - Air Cleaner Hood
177	1	16394-H	Cap - Pre Cleaner - Hood
178	1	16395-H	Filter - Air Cleaner
179	1	16396-H	Filter Mounting Bolt
180	1	16397-H	Hose Carboretor To Cleaner Includes Clamps
181	1	16370-K	Engine Shaft Washer Cap
181-A	1	16370-H	Engine Shaft Washer Cap

Item No.	Quantity	Part Number	Description
182	1	16371	Keyway 3/8 x 3/8 x 3 1/2
183	1	16372-K	Bolt 5/8-18 x 2"
183-A	1	16372-H	Bolt 7/16-20 x 2 1/4"
	1	16360	Brake Socket - Not Shown
	1	16361	Cover Case Gasket - Not Shown
	1	16362	Hydrostat Gasket - Not Shown
	1	16363	Reservoir Cap - Not Shown
	1	16364	Detent Kit - Not Shown
	1	16365	Dump Valve Shaft Kit - Not Shown
	1	16317-SP	Complete Decal Kit
	1	10173-A	Tooth Guage
	1	16289	Green Wheel 6" Dia. x 5/8" wide x 1/2" Shaft
	1	16351	Allen Wrench 1/2"
	1	16350	Touch Up Paint
	1	16353-K	Owner's Manual - 620 Kohler
	1	16353-H	Owner's Manual - 620 Honda

WIRING DIAGRAM 691-SP (HONDA)



WIRING DIAGRAM 691-SP (KOHLER)

