





COMPACT POWER RAKE Owner's Manual

CR550HC, CR550H, CR550HCEU

Beginning Serial #: 122020001

Accessories

SLICING REEL
A complete verti-
slicing reel for your
CR. 20" wide reel
for use in grasses
that require vertical
cutting, and for
assisting in lawn
overseeding
projects.

P/N	350252	

SI	ICING	BI ADES

A full set of twenty blades for replacement. Includes 40 new capscrews, and lock nuts for replacement installation.

P/N 350187

Replacement Parts

SPACER	DRIVE	FLAIL BLADES	FLAIL SHAFTS
A complete replacement set. 44 of 1/2" spacer bumpers and 4 of 1/4" spacer bumpers	BELT Original Equipment drive belt for your CR.	A complete replacement set. 30 of our high quality flail blades for your CR. Includes 8 new lock clips for replacement installation.	A full set of four shafts for replacement. Includes 8 new lock clips for replacement installation. NOTE: We recommend replacing the shafts when you replace flails.
P/N 350258	P/N 350207	P/N 350251	P/N 350185

Original Instructions

IMPORTANT- READ CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE





ABOUT THIS MANUAL

THANK YOU for purchasing a BILLY GOAT® CR Power Rake. Your new machine has been carefully designed and manufactured to provide years of reliable and productive service. This manual provides complete operating and maintenance instructions that will help to maintain your machine in top running order. Read this manual carefully before assembling, operating, or servicing your equipment.

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SPECIFICATIONS

	CR550H	CR550HC	CR550HCEU
Engine: HP	5.4 (4.0kW)	5.0 (3.73 kW)	5.0 (3.73 kW)
Engine: Model	X160UTQX2	GC160AQHA	GC160AQHL
Engine: Type	HONDA OHC	HONDA OHC	HONDA OHC
Engine: Fuel Capacity	3.8 qt (3.6L)	2.1 qt (2.0 L)	2.1 qt (2.0 L)
Engine: Oil Capacity	0.63 qt (0.6L)	0.63 qt. (0.6 L)	0.63 qt. (0.6 L)
Total Unit Weight:	125# (56.8 kg)	125# (56.8 kg)	125# (56.8 kg)
Max. operating slope	20°	20°	20°
In accordance with 2000/14/EEC standards	99 dB(a)	99 dB(a)	99 dB(a)

SAFETY



WARNING



This product can expose you to chemicals including gasoline engine exhaust, which is known to the State of California to cause cancer, and carbon monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Read the safety rules and follow them closely. Failure to obey these rules could result in loss of control of the unit, severe personal injury or death to you, or bystanders, or damage to property or equipment.



INTENDED USE

INTENDED USE

This machine is designed for removing thatch from your lawn, renovation of existing lawns, and to assist in overseeding operations. The machine should not be used for any other purpose than that stated above.

DO NOT operate if excessive vibration occurs. If excessive vibration occurs, shut engine off immediately and check for damaged or worn reel, loose pulley bolts or set screws, loose engine or lodged foreign objects. (See troubleshooting section on page 9).

INSTRUCTION LABELS

The labels shown below were installed on your BILLY GOAT[®] CR Power Rake. If any labels are damaged or missing, replace them before operating this equipment. Item numbers from the Illustrated Parts List and part numbers are provided for convenience in ordering replacement labels. The correct position for each label may be determined by referring to the Figure and Item numbers shown.



LABEL DANGER KEEP HANDS AND FEET AWAY ITEM #51 P/N 400424



P/N 830503



DANGER FLYING DEBRIS ITEM # 48 P/N 810736



LABEL CAUTION GUARD ITEM #52 P/N 900327



LABEL EXPLOSIVE FUEL ITEM # 50 P/N 400268



LABEL INSTRUCTION HEIGHT ADJ. ITEM #35 P/N 350224

ENGINE LABELS/CONTROLS



HONDA

■ READ OWNER'S MANUALS BEFORE OPERATION.
■ LIRE LE MANUEL D'UTILESATEUR AVANT USAGE.
■ VOR INBETRIEBNAHME UNBEDINGT
BEDIENUNGSANLEITUNG DURCHLESEN.
■ NO UTILIZAR SIN ANTES NO HABER LEIDO EL MANUAL

OIL ALERT

WHEN OIL LEVEILOW,
ENGINE STOPS IMMEDIATELY.

Controls CR550H

Fuel Valve

Throttle

Choke



PACKING CHECKLIST

NOTE: Items in () can be referenced in the Parts Illustration and Parts List on pages 10-11.

Your Billy Goat Power Rake is shipped from the factory in one carton, completely assembled.



READ all safety instructions before assembling unit.

TAKE CAUTION when removing the unit from the box the Handle Assembly is attached and folded over.



PUT OIL IN ENGINE BEFORE STARTING

PARTS BAG & LITERATURE ASSY

Warranty card P/N- 80102772, Owner's Manual P/N-350245, Declaration of Conformity P/N-100504, General Safety and Warnings manual P/N-100295, and Literature CR Accessories 350246.



Boxing	Parts	Checklist	f
DUAIIIG	raits	CHECKIIS	L

- ☐ Honda Engine Manual
- ☐ Literature Assy P/N-350243

ASSEMBLY

NOTE: Items in () can be referenced in the Parts Illustration and Parts list on pages 10-11.

- 1. **UNFOLD** the upper handle (item 26) and slide handle lock loops (item 28) into place to secure the upper handle to the lower.
- 2. **CHECK** engine oil level and fill to proper level with engine manufacturers recommended grade of oil. Move height adjust lever to down position, to level engine during checking. See engine manufacturer's instruction manual.
- 3. CONNECT spark plug wire.



OPERATION

See engine manufacturer's instructions for type and amount of oil and gasoline used. Engine must be level when checking and filling oil and gasoline.

FUEL VALVE: Move fuel valve to "ON" position (when provided on engine).

STOP SWITCH: Located on the engine. "slow/stop" position.

<u>CHOKE</u>: Operated with choke lever on side of engine. THROTTLE: Controlled by throttle lever on the motor.

If your unit fails to start, check the troubleshooting section on page 9 and also see the engine manual.

SLICING OPERATION

NOTE: NEVER PARK THIS UNIT ON A SLOPE OF ANY KIND. Always keep the reel in the up position when parking the unit.

<u>BLADE POSITION & DEPTH CONTROL LEVER</u>: The blades can be raised or lowered into the ground by height adjustment lever on the engine base. The resulting blade depth can be adjusted higher or lower. (See *Fig. 1 & 2*)

ADJUSTING BLADE DEPTH: The depth of the blades can be raised or lowered by rotating the knob on the top of the adjustment lever. The blades are lowered by rotating the knob counter-clockwise, and raised by rotating the knob clockwise. The relative depth of the blades can be gauged by using the depth scale located on the right front corner of the engine base. (See Fig. 3)

<u>FOLDING HANDLE</u>: This unit is equipped with a folding upper handle for easier storage and transportation. The handle can be folded by sliding the handle lock loops up (item 28). This releases the upper handle, allowing it to be folded over the unit.

HANDLING & TRANSPORTING: This unit requires two people to lift it. With the handle in the folded position, lift holding the lower handle and belt/shaft guard one on each side of the machine. Secure the machine in place during transport.

⚠ Never lift the machine while the engine is running.

STORAGE: Never store engine indoors or in enclosed poorly ventilated areas with fuel in tank, where fuel fumes may reach an open flame, spark or pilot light, as on a furnace, water heater, clothes dryer or other gas appliance. If engine is to be unused for 30 days or more, prepare as follows:

Remove all gasoline from carburetor and fuel tank to prevent gum deposits from forming on these parts and causing possible malfunction of engine. Drain fuel outdoors, into an approved container, away from open flame. Be sure engine is cool. Do not smoke. Run engine until fuel tank is empty and engine runs out of gasoline.

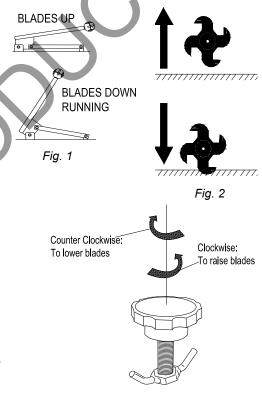


Fig. 3

RAKING OPERATION

SET DEPTH: With engine off, set the raking depth so that the blades just touch on a flat surface (i.e. driveway, or sidewalk).

<u>ENGAGE BLADES</u>: Pull back on the bail on the operators handle. *NOTE:* When engaging the blades in heavy load conditions, i.e. heavy thatch or very uneven turf, push down on the operators handle lifting the front wheels slightly. Engage the blades. Slowly lower the unit into the turf.

RAKE: Rake a small test area and examine the results. Thatch should be removed and deposited on top of the healthy grass. If excessive damage occurs to healthy grass, adjust the blade depth to decrease damage. Continue raking the yard, working in one direction (i.e. north-south, or east-west). *NOTE:* If a large drop in engine RPM occurs, or the unit pulls you forward and bounces during operation, the blade depth is set too low.

<u>REMOVE THATCH</u>: After raking, a layer of thatch will be deposited over the top of the lawn. This thatch must be removed prior to any fertilizing, seeding, or watering of the lawn. We suggest the use of a lawn vacuum or wheeled blower for collection and removal of the thatch.

Part No 350245 5 350245_E_HI



VERTI-CUTTING OPERATION

SET DEPTH: With engine off, set the raking depth so that the blades just touch on a flat surface (i.e. driveway, or sidewalk).

<u>ENGAGE BLADES</u>: Pull back on the bail on the operator's handle. *NOTE:* When engaging the blades in heavy load conditions (i.e. heavy thatch, or very uneven turf), push down on the operator's handle lifting the front wheels slightly. Engage the blades. Slowly lower the unit into the turf.

<u>SLICE</u>: Verti-cut a small test area and examine the results. Some thatch and cut stems should be removed and deposited on top of the healthy grass. Grass runners should be cut and ready for removal. If excessive damage occurs to healthy grass, adjust the blade depth to decrease damage. Continue raking the yard, working in one direction (i.e. north-south, or east-west). *NOTE:* If a large drop in engine RPM occurs, or the unit pulls you forward and bounces during operation, the blade depth is set too low.

REMOVE THATCH/STEMS: After verti-cutting, a layer of thatch and cut stems will be deposited over the top of the lawn. We suggest the use of a lawn vacuum or wheeled blower for collection and removal of the thatch/stems.

*****TIPS****

MOW

Mow the lawn to its normal cut height.

DRY

Be sure grass is dry. Wet conditions can cause increased damage to healthy grass

INSPECT

Check the lawn before beginning work. Remove all rocks, wire, string, or other objects that can present a hazard during work prior to starting.

IDENTIFY

Mark all fixed objects to be avoided during work, such as sprinkler heads, water valves, buried cables, or clothes line anchors, etc.

THATCH

Thatch is a dense layer of dead grass, clippings, and roots that builds up over time at the base of the lawn preventing air, water, and fertilizer from reaching the soil. This can cause shallow root development and make a lawn more susceptible to drought and disease. Thatch also provides an ideal environment for insects to hide and multiply. Periodic removal of thatch will keep your lawn in good health.

HEAVY THATCH

Lawns with an excessive amount of thatch will require multiple treatments for effective removal. Trying to remove excessive thatch (greater than 3/4"[19 mm] deep) in one treatment will damage or destroy the living part of the lawn. It is best to remove heavy thatch in seasonal treatments (i.e. spring, and fall).

CHECK

Before beginning, it is best to evaluate the condition of the lawn by cutting one or more core samples from the area to be treated. A core can be cut using a piece of pvc, or metal pipe. Hammer the pipe into the ground, remove it, push the core out of the pipe and inspect it to determine the depth of thatch in your yard.

SLOPES

Rake slopes across not up and down the slope. This is much easier and safer for the operator and is better for the lawn. Raking across will help to reduce runoff during watering and allow the sloped ground to hold more seed, fertilizer, and water. The units maximum operating slope is 35% or 19°.

DEPTH

The wide range of depth adjustment on your unit is provided to allow for blade wear. Setting the reel deeper will not produce better, or quicker results. The flail reel is intended to be set so it just touches the surface on flat ground. The slicing reel should be set even with the ground for verti-slicing work, and set to a maximum 1/2" depth for overseeding jobs. Setting the reel deeper than this will only result in premature wear on the unit (i.e. failed belt). If you desire to work the ground deeper than the above guidelines allow, it should be done gradually in multiple passes.



MAINTENANCE

PERIODIC MAINTENANCE

NOTE: Items in () can be referenced in the Parts Illustration and Parts List on pages 10-11.

Periodic maintenance should be performed at the following intervals:

r choose maintenance should be penormed at the follow	virig iritorvais.	
Maintenance Operation	Every Use (daily)	Every 25 Hours
Inspect for loose, worn or damaged parts		•
Check engine oil	•	
Inspect belt		
Engine (See Engine Manual)		
Grease reel bearings		
Inspect and clean engine air filter	•	
Oil height adjustment linkage		•

FLAIL BLADE WEAR

- 1. Wait for engine to cool and disconnect spark plug.
- 2. Close fuel valve on engine. (Honda only)
- 3. Lean unit back onto lower handles and secure in place.
- Inspect blades for wear, and immediately replace any bent, or cracked blades. Measure the overall length of the blade. (See Fig. 4)
- **5.** If blades measure less than 3.0"(76 mm) in overall length, they must be replaced. *NOTE*: We recommend replacing all the flails at once.

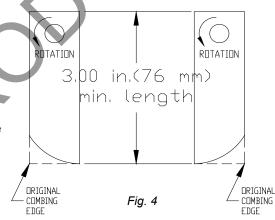
SLICING BLADE WEAR

- 1. Wait for engine to cool and disconnect spark plug
- 2. Close fuel valve on engine. (Honda only)
- 3. Lean unit back onto lower handles and secure in place.
- 4. Inspect blades for wear, and immediately replace any bent or cracked blades. Measure the overall length of the blade from the center of the attachment bolts to the tip of the worn blade.
- If blades measure less than 3.0"(76 mm) they must be replaced. NOTE: We recommend replacing all the blades at once.

ROTATING FLAIL REEL END TO END

To maximize flail blade life and performance, the reel can be rotated end to end periodically to provide a fresh lead cutting edge. Takes approx. 20 min, and requires two 1/2" socket wrenches with extension bar.

- 1. Wait for engine to cool and disconnect spark plug.
- 2. Close fuel valve on engine.
- 3. Lean unit back onto lower handles and secure in place.
- 4. Remove six screws (item 65) holding the belt and shaft guards (item 21 & 22) in place. It is necessary to lower the height adjust lever to reach the locknuts on the guards. Remove the guards.
- 5. Remove the drive belt (item 9) by "walking" it out of the groove on the reel pulley (item 2).
- 6. Remove the four lock nuts (item 47) and washers (item 35) holding the bearings (item 23) to the frame of the unit.
- 7. The reel (item 6) is now free from the machine. Slide the reel down and out of the machine.
- 8. Remove the capscrew (item 58), lock washer (item 57), reel pulley (item 2), key (item 75), and reel spacer (item 10) from the end of the reel.
- 9. Rotate the reel end to end, and re-install these items on the opposite end of the reel.
- 10. Re-install the reel in reverse order of removal. Re-install the guards in reverse order of removal.





DRIVE BELT REPLACEMENT

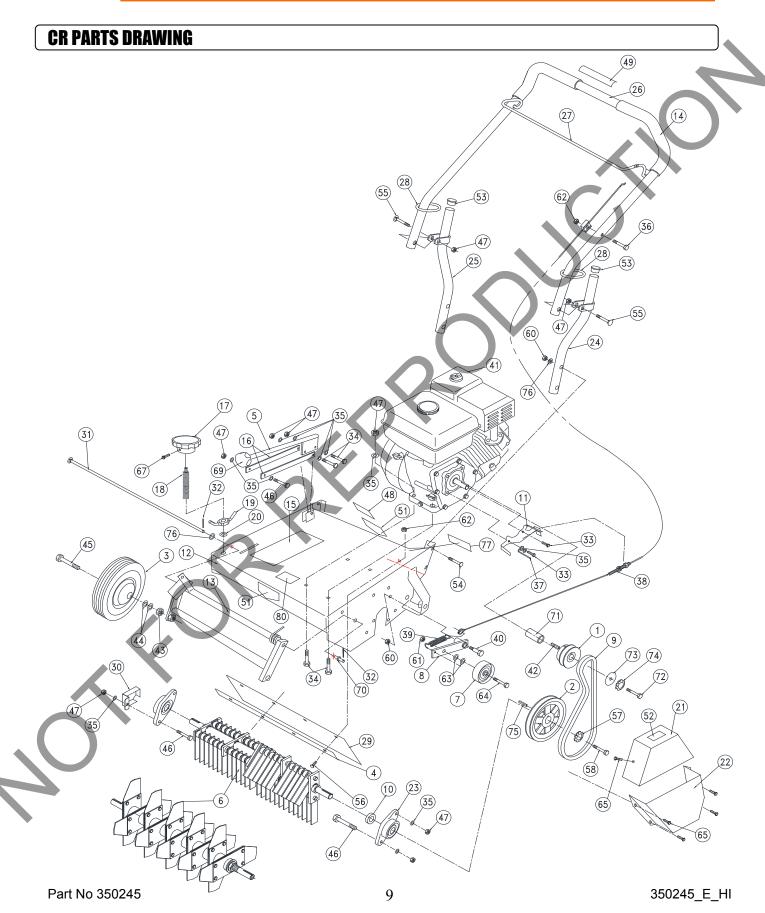
NOTE: Takes approx. 10 min. and requires 3/8" socket wrench with extension.

- 1. Wait for engine to cool and disconnect spark plug.
- 2. Remove six self-tapping screws (item 65) holding the belt guard (item 21 & 22) in place. Remove the guard.
- 3. Remove the belt (item 9) by rotating the reel pulley (item 2) and walking it out of the groove. Discard old belt
- 4. Install new belt using same procedure to walk the belt into the groove.
- **5.** With new belt installed, pull bail rod back to engaged position and measure extension of idler spring. Spring should stretch 1" to 1.25" (25-32 mm) with bail engaged. Adjust clutch cable as necessary to achieve this extension.
- 6. Re-install the belt guard.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Abnormal vibration	Damaged or missing blades.	Stop work immediately. Replace any
	Loose handle bolts. Loose engine	damaged or missing blades. Tighten
	bolts.	all loose nuts and bolts.
Engine stalls or labors when	Blades set too deep into ground.	Raise blades so that they just touch
raking		the ground on a level surface.
Engine will not start	Throttle in off position.	Check choke position.
	Out of gasoline or bad, old	Check gasoline.
	gasoline.	,
	Spark plug wire disconnected.	Connect spark plug wire.
	Gas valve off.	Turn on gas valve.
	Dirty air cleaner.	Clean or replace air cleaner. Contact a
		qualified service person.
Engine is locked, will not pull	Debris locked against reel, or drive	Pull spark plug wire and remove
over	pulleys. Engine problem.	debris. Contact an engine servicing
		dealer for engine problems.





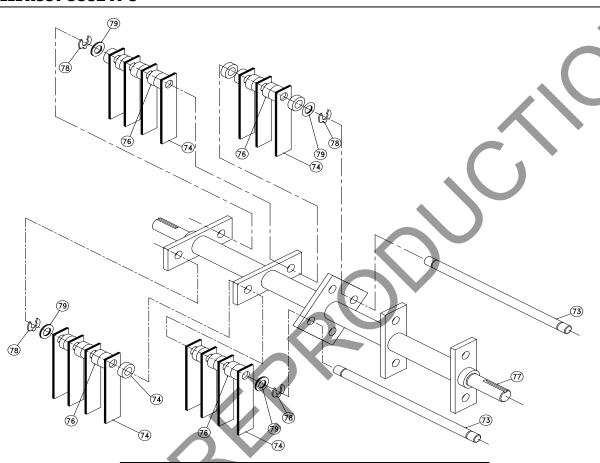


CR PARTS LIST

item no.	PARTS LIST	CR550HC Part No.	QTY	CR550HCEU Part No.	QTY	CR550H Part No.	QTY
	Pulley 3.0" O.D.	350101	1	350101	1	350101	1
2	Pulley 5.5" O.D. X3/4"	350206	1	350206	1	350206	1
3	Wheel 8" Semi-Pneu White	350236	4	350236	4	350236	4
4	Bar Strap	350211	1	350211	1	350211	1
5	Rod Height Wa	350220	1	350220	1	350220	1 ∢
6	Reel Flail Assy (see page 10 & 11 for parts list and detailed dwg.)	350241-S	1	350241-S	1	350241	1
7	Pulley Idler 2.75" Arm Idler WA	350114 350115	1	350114 350115	1	350114 350115	71
9	Belt 5L X 34"	350207	1	350207	1	350207	1
	Spacer Reel Pulley	350118	1	350118	1	350118	1
11	Bracket Belt Finger	350208	1	350208	1	350208	1
12	Chassis WA W/ Label	350235	1	350235	1	350235	_1
13	Frame Front WA	350213	1	350213	1	350213	1
14	GRIP 1" x 13"	400570	2	400570	2	400570	2
15	Label Instr. Hgt. Adj.	350224	1	350224	1	350224	1
16	Link Height Bar	350223	2	350223	2	350223	2
17	Knob Height Adj.	850154	1	850154	1	850154	1
18	STUD 3/4"-10 X 5 1/2" PLTD	810538	1	810538	1	810538	1
19	LOCKNUT ASSY	800227	1	800227	1	800227	1
20	WASHER 3\4" NYLON Guard Belt Top Wa	800109 350248	1	800109 350248	1	800109 350248	1
22	Guard Belt Top Wa Guard Belt Bottom Wa	350246	1	350248	1	350246	1
23	Bearing 3/4" Cast Flange	350249	2	350209	2	350249	2
24	Handle Lower LH WA	350134	1	350134	1	350134	1
25	Handle Lower RH WA	350135	1	350135	1	350135	1
	Handle Upper PR500	350136	1	350136	1	350136	1
27	Bail Clutch WA	350137	1	350137	1	350137	1
28	Loop Folding Handle	350138	2	350138	2	350138	2
29	Deflector Rubber	350210	_ 1	350210	1	350210	1
30	Guard Shaft CR	350250	1	350250	1	350250	1
	PIN LIFT FRONT 3/8" X 21 3/16" Long	350212	1	350212	1	350212	1
	PIN COTTER 1/8" X 1" Z/P	900471	1	900471	1	900471	1
	SCREWCAP 5/16-24x3/4" GR5	8042026	2	8042026	2	8042026	2
34	SCREWCAP 5/16 - 18 x 1 1/2	8041030	6	8041030	6	8041030	6
35	WASHER 1/4" FLAT Z/P	8171002	13	8171002	13	8171002	13
36	SCREWCAP 1/4"-20X1.5"	8041008	1	8041008	1	8041008	1
37 38	BELT FINGER WIRE Cable Clutch Reel PR500	350301 350181	1	350301 350181	1	350301 350181	1
39			_		1 1		1
40	Spring Extension	350300 500114	1	350300 500114	1	350300 500114	1
40	Bolt Shoulder 1/2" X 1"		_		-	500114	-
41	ENGINE 5 HP HONDA GC160LAX QHG	430700	1	-	_		
	ENGINE 5.5 OHV HONDA GX160UT2 QX2	-	-	350426EU	- 1	600115	1
42	ENGINE 5 HP HONDA GC160AQHL KEY 3/16" X 1"	9201078	1	9201078	1	9201078	1
43	NUT 1/2 - 13 JAM	8162005		8162005	4	8162005	4
43	WASHER 1/2 SAE	8172011	_	8172011	8	8172011	8
45	SCREWCAP 1/2-13 x 3" Z/P	8041102		8041102	4	8041102	4
46	SCREWCAP 5/16"-18X1 1/4" HCS ZP	8041029		8041029	5	8041029	5
47	NUT LOCK 5/16-18	8160002			13	8160002	13
48	LABEL DANGER THROWN OBJECT	810736	1	810736	1	810736	1
49	LABEL CLUTCH VQ	830503	1	830503	1 1	830503	1
51	LABEL WARNING	400424	2	400424	2	400424	2
	LABEL DANGER GUARD	900327	1	900327	1	900327	1
53		890132	2	890132	2	890132	2
54	BOLT CARRAIGE 3/8-16 x 1 3/4	8024061	_	8024061	4	8024061	4
55	BOLT CARRAIGE 5/16-18 x 1 3/4	8024043		8024043	2	8024043	2
56	SCREWCAP 1/4-20x1"	8041006	_	8041006	4	8041006	4
57	LOCK WASHER TWISTED TOOTH	400502		400502	1	430502	2
58	SCREWCAP 3/8-16x1" REEL ASSEMBLY	8041050		8041050	1	8041050	1
60	NUT LOCK 3/8-16	8160003		8160003	5	8160003	5
61	NUT LOCK 3/8-16 THIN	8161042		8161042	1	8161042	1
62	NUT LOCK 1/4-20	8160001		8160001	5	8160001	5
63	WASHER 5/16 FLAT CUT	8171003		8171003	2	8171003	2
64	SCREWCAP 3/8-16x1.5"	8041052		8041052	1	8041052	1
65	SCREWCAP SHEET METAL DRILL POINT 1/4X3/4	430208		430208	6	430208	6
67	SCREW MACH. #10-24X2"	8059143	_	8059143	1	8059143	1
69	Knob Height Adj.	430128	1	430128	1	430128	1
70	WASHER 5/16 SAE	8172009	_	8172009	1	8172009	1
71	SPACER CRANK CR HONDA	350338	1	350338	1	350338	1
72	SCREWCAP 5/16-24 x 1 1/4" GR. 8	400389	1	400389	1	400389	1
74	WASHER TWISTED TOOTH	400389	1	400389	1	400389	1
75	KEY 3/16" X 5/8"	9201072		9201072	1	9201072	1
76	3/8 FLAT CUT WASHER	8171004		8171004	5	8171004	5
77	LABEL SPARK ARRESTOR	100256	1	100256	1	100252	1

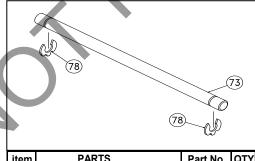


FLAIL REEL ASSY 350241-S



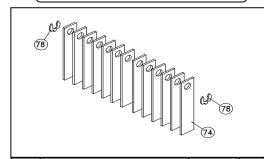
item	PARTS		QTY
no.	LIST	Part No.	
73	SHAFT FLAIL BLADE	350141	4
74	BLADE FLAIL	350205	30
76	SPACER BUMPER 5/8" x 1/2"	350144	54
77	SHAFT WA FLAIL REEL	350145	1
78	CLIP LOCK 1/2"	350146	8
79	WASHER 1/2 SAE	8172011	8

FLAIL SHAFT KIT 350185



item	PARTS	Part No.	QTY
no.	LIST		
73	SHAFT FLAIL BLADE	350141	4
78	CLIP LOCK 1/2"	350146	8

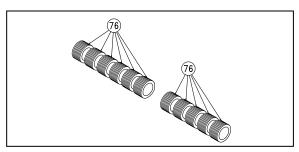
FLAIL BLADE KIT 350251-S



item	PARTS	Part No.	QTY
no.	LIST		
74	BLADE FLAIL	350205	30
78	CLIP LOCK 1/2"	350146	8

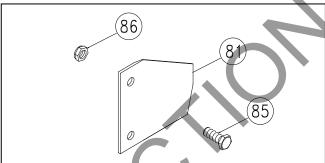


SPACER BUMPER KIT 350258



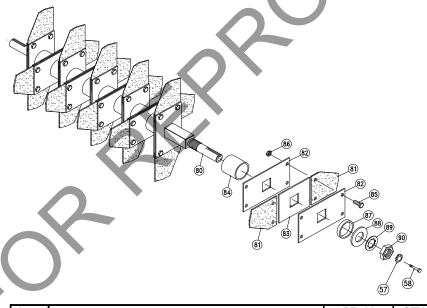
item	em PARTS		QTY
no.	LIST	Part No.	
76	SPACER BUMPER 5/8" x 1/2"	350144	54

SLICING BLADE KIT 350187



item no.	PARTS LIST	PR500 Part No.	QTY
81	BLADE SLICING REEL	350147	20
85	SCREWCAP 1/4-20 X 3/4 HCS ZP	8041004	40
86	NUT LOCK 1/4-20	8142004	40

SLICING REEL ASSY 350252



item	PARTS	PR500	QTY
no.	LIST	Part No.	
57	WSHR-STL, BLV, .386" X 1.063" X .082" MZ	8181012	1
58	SCREWCAP 3/8"-16 X 1" HCS ZP	8041050	1
80	SHAFT SLICING WA	350142	1
81	BLADE SLICING REEL	350147	20
82	PLATE BLADE MTG.	350253	20
83	SPACER BLADE MTG.	350254	10
84	SPACER, REEL PM	350443	9
85	SCREWCAP 1/4-20 X 3/4 HCS ZP	8041004	40
86	NUT LOCK 1/4-20	8142004	40
87	SPACER, HARDENED REEL OS900SP	351297	1
88	WASHER 0.937 x 1.750 x 0.119	350153	1
89	WASHER LOCK 7/8 INT. TOOTH	350154	1
90	NUT JAM 7/8-14	350155	1