

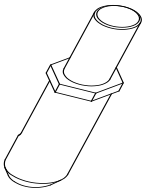
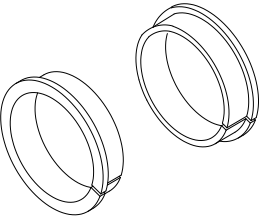


PL18 Owner's Manual



AERATOR Owner's Manual

PL1800H and PL1800V
U.S. PATENT #6892821
Beginning Serial #: 102115001
Replacement Parts

TINE REPLACEMENT	TINE BUSHING REPLACEMENTS
Replacement tip for aerating tines.	Replacement bushings for the tines
	
P/N 381057	P/N 380213

Original Instructions

IMPORTANT- READ CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE



PL18 Owner's Manual

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SPECIFICATIONS

	PL1800V	PL1800H
Engine: cc	205cc	118cc
Engine:	B&S 5.5hp Intek w/Gearbox	HONDA GX120 W. gearbox
Engine: Fuel Capacity	3.0 qt. (2.84 L)	2.1 qt. (2 L)
Engine: Oil Capacity	0.66 qt. (0.62 L)	0.59 qt. (0.56 L)
Total Unit Weight:	244# (111 Kg)	240# (109 Kg)
Length	57" (1.45m)	57" (1.45m)
Width	24" (.61m)	24" (.61m)
Height	40" (1m)	40" (1m)
Max. operating slope	15°	15°
Sound test in accordance with 2000/14/EC	102.56	102.56
Sound at operators ear	82.56	82.56
Vibration at operator position	.6g (6.28m/s ²)	.6g (6.28m/s ²)

SOUND



L_{WA}

SOUND LEVEL 82 dB(a) at Operators Position

102

Sound tests were conducted in accordance with 2000/14/EC, and were performed on 9/26/14 under the conditions listed below.

⚠ Sound power level listed is the highest value for any model covered in this manual. Please refer to serial plate on the unit for the sound power level for your model.

General Conditions:

Temperature:

Wind Speed:

Wind Direction:

Humidity:

Barometric Pressure:

Sunny

66°F (18.9°C)

8 mph (12.8 kph)

South

78%

30 Hg (101.59 kpa)

VIBRATION DATA

VIBRATION LEVEL .6g (6.28 m/s²)

Vibration levels at the operator's handles were measured in the vertical, lateral and longitudinal directions using calibrated vibration test equipment. Tests were performed on 9/26/14 under the conditions listed below.

General Conditions:

Temperature:

Wind Speed:

Wind Direction:

Humidity:

Barometric Pressure:

Sunny

66°F (18.9°C)

8 mph (14.5 kph)

South

78%

30Hg (101.6 kpa)



PL18 Owner's Manual

INTENDED USE

AERATOR

This machine is designed for aerating established lawns and large grass covered areas. 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 reel bearing, loose engine or lodged debris. To remove debris from the machine, see the machine specific trouble shooting section. **Note:** See parts list for proper bolt torque specifications.

HANDLING & TRANSPORTING

Always use two or more people to lift these machines. Lift holding on either side of the machine, using the handles and the frame. Secure in place during transportation. See specifications for unit weight.



For safety use gloves when lifting.



Never lift any machine while the engine is running.



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INSTRUCTION LABELS

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



LABEL PL INSTRUCTIONS
P/N 100354



LABEL PINCH POINT
P/N 100355



LABEL PULL TO ENGAGE
P/N 100356



LABEL WARNING GUARD
P/N 900327

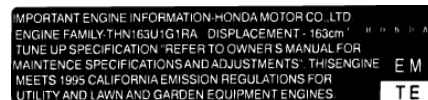
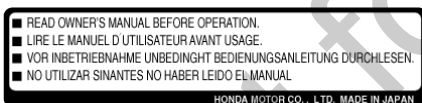


LABEL DANGER
P/N 400424



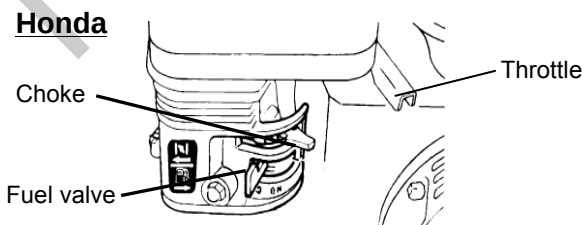
LABEL FORWARD TO LOWER TINES
P/N 100357

ENGINE LABELS



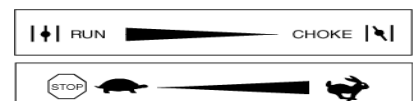
HONDA

THROTTLE CONTROLS



Briggs

Set lever to choke when starting cold



Set lever to desired engine speed.
Move lever completely to the left to
stop engine



PL18 Owner's Manual

PACKING CHECKLIST

Your Billy Goat is shipped from the factory in one carton, completely assembled with the cables detached.



READ all safety instructions before assembling unit.

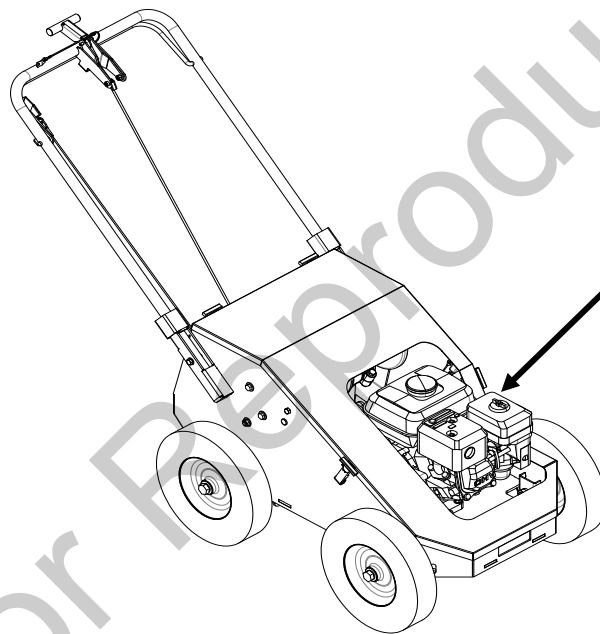
TAKE CAUTION when removing the unit from the box.



PUT OIL IN ENGINE BEFORE STARTING

PARTS BAG & LITERATURE ASSY

Warranty card P/N- 400972, Owner's Manual P/N-100381, Declaration of Conformity P/N-381503, General Safety and Warranty Manual P/N- 100295



Boxing Parts Checklist

☐ Owner's Manual 100381

Engine Manual Per Model

☐ Honda
☐ Briggs

ASSEMBLY

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

- 1. ATTACH** the tine lift cable (item 17) to the Tine lever (item 38) in the center of the handle by inserting the pin (item 65) into it. Then attach the bail cable (item 30) to the bail (item 42). Check to make sure the cables are functioning properly before operation and not binding.
- 2. CHECK** engine oil level and fill to proper level. Also check oil in gear reduction reservoir and fill if necessary. See engine owner's manual for type and amount of oil to use.
- 3. CONNECT** spark plug wire. Set the engine stop switch located on upper handle, to the **ON** position.

FOLDING HANDLE

This unit is equipped with a folding upper handle for easier storage.

1. Slide handle lock loops (item 24) up on both sides.
2. Fold the upper handle (item 48).



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OPERATION

STARTING ENGINE

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.

ENGINE SPEED: Controlled by lever on the engine. Under normal conditions, operate at the minimum throttle speed to accomplish your task.

ON/OFF: Set the on/off switch to ON

FUEL VALVE: Move fuel valve to "ON" position. (Honda: Located below the air cleaner on the engine.)

CHOKE: Engage the choke when starting a cold engine. (Honda: Located below the air cleaner on the engine.)

THROTTLE: Move the throttle control lever on the engine to fast position. Pull starting rope to start engine

If your unit fails to start, check trouble shooting section in operator's manual and also see engine

manual. *NOTE:* Honda engines are equipped with a low oil sensor to prevent engine damage. When it senses a low oil condition (i.e. unit is operating or sitting on a steep slope) the engine shuts down. The low oil condition must be corrected before the engine can be restarted. See the engine owner's manual for more information.

AERATING OPERATION

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

TINES RAISING/LOWERING: The tines are raised or lowered into the ground by operating the tine engagement lever on the upper handle. Tine penetration is very dependent on surface preparation. **READ** the entire operation section before aerating.

ENGAGE TINES: With the aerator in the work area, lower the tines by releasing the center lever on the handle. When the lever is in the forward position, pull up on the bail to engage the tines.

AERATE: Push the machine with the tines engaged. *NOTE:* In cold temperatures engage the tines in the up position for two minutes to warm the cam grease. For maximum tine penetration apply downward pressure on the handle.

TURNING: At the end of an aerating run, release the bail and raise the tines out of the ground. Then reposition the unit for another pass and lower the tines to begin another run.

TRANSPORT: Be sure to raise tines out of the ground (disengaging the bail and then raising the tines with the center lever) before transporting away from the work area.

*****TIPS*****

MOW

Mow the lawn to its normal cut height.

WATER

For the best performance and maximum tine penetration the lawn should be thoroughly watered the day before aeration.

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.

SLOPES

Do not operate the aerator on steep slopes (exceeding 15°). Use extreme caution when operating on any sloped surface. For lesser sloped areas operate the unit, traversing up and down at a 45 degree angle to the slope rather than straight across. Extended operation on steep slopes can cause engine damage. *NOTE:* Honda engines are equipped with a low oil sensor to prevent engine damage. When it senses a low oil condition (i.e. unit is operating or sitting on a steep slope) the engine shuts down. The low oil condition must be corrected before the engine can be restarted. See the engine owner's manual for more information.



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MAINTENANCE

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

PERIODIC MAINTENANCE

Periodic maintenance should be performed at the following intervals:

Maintenance Operation	Every Use (daily)	Every 10 Hrs	Every 50 Hrs	Every 100 Hrs
Inspect for loose, worn or damaged parts		•		
Check engine oil	•			
Inspect belt for wear			•	
Engine (See engine manual)				
Grease Cam bearings		•		
Thoroughly clean all debris from unit and tines	•			
Replace tine bushings				•
Grease shaft bearings and wheel bearings				•

ENGINE MUST BE LEVEL WHEN CHECKING OR FILLING OIL

INDIVIDUAL TINE REPLACEMENT

1. Wait for engine to cool and disconnect spark plug.
2. Loosen the jam nut (item 13) then unscrew the tine (item 14).
3. Replace the tine making sure to use the maximum amount of threads on the tine.

NOTE: Tines are a normal wear item and should be inspected regularly for signs of wear or damage.

ADJUSTING BELT TENSION

1. Loosen the mounting bolts for the engine and then slide it to apply or relieve tension on the belt.

DRIVE BELT REPLACEMENT

1. Disconnect the spark plug.
2. Remove the lower and upper tensioner brackets (items 59 and 60) on both sides of the pulley (item 3).
3. Walk the belt (item 4) off of the engine pulley.
4. Attach a hoist mechanism to the cam shaft (item 44), and then remove the four bolts, washers, and nuts (items 52, 10 and 11) that attach the bearing (item 9) of the cam shaft to the frame.
5. Raise the cam shaft out of the frame and remove the old belt.
6. To replace the belt, simply slide the new belt onto the pulley when the cam shaft is raised then follow the previous steps in reverse to install.



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TROUBLESHOOTING

Engine will not start	Stop switch off. Throttle in off position. Engine not in full choke position. Out of gasoline. Bad or old gasoline. Spark plug wire disconnected. Dirty air cleaner. Engine oil level too low (Honda only).	Check stop switches, throttle, choke position and gasoline. Connect spark plug wire. Clean or replace air cleaner. Or contact a qualified service person. Check and fill engine oil.
Abnormal vibration	Damaged or missing tines. Loose handle bolts. Loose engine bolts.	Stop work immediately. Replace any damaged or missing tines. Tighten all loose bolts and nuts.
Engine stalls or labors when aerating	Working on too steep of a slope. Not enough oil in the engine.	Work at 45 degrees to the slope moving up and down instead of across. Check and add engine oil.
Engine is locked, will not pull over	Debris locked against reel, or drive pulleys. Engine problem.	Pull spark plug wire and remove debris. Contact an engine servicing dealer for engine problems.
Unit does not move when clutch is engaged	Belt drive out of adjustment. Worn drive belt. Loose or damaged pulleys. Damaged or broken clutch cable.	See maintenance on pg. 10 of this manual. Contact a qualified servicing dealer.

WARRANTY INFORMATION

When servicing engine refer to specific manufacturer's engine owner's manual. Engine warranty is covered by the specific engine manufacturer. If your engine requires warranty or other repair work contact your local servicing engine dealer. When contacting a dealer for service it is a good idea to have your engine model number available for reference (See table page 3). If you cannot locate a servicing dealer in your area you can contact the manufacturer's national service organization. To reach:

American Honda: 800-426-7701
Briggs and Stratton: 414-479-8008

WARRANTY CLAIM PROCEDURE

Should a BILLY GOAT[®] machine fail due to a defect in material and/or workmanship, the owner should make a warranty claim as follows:

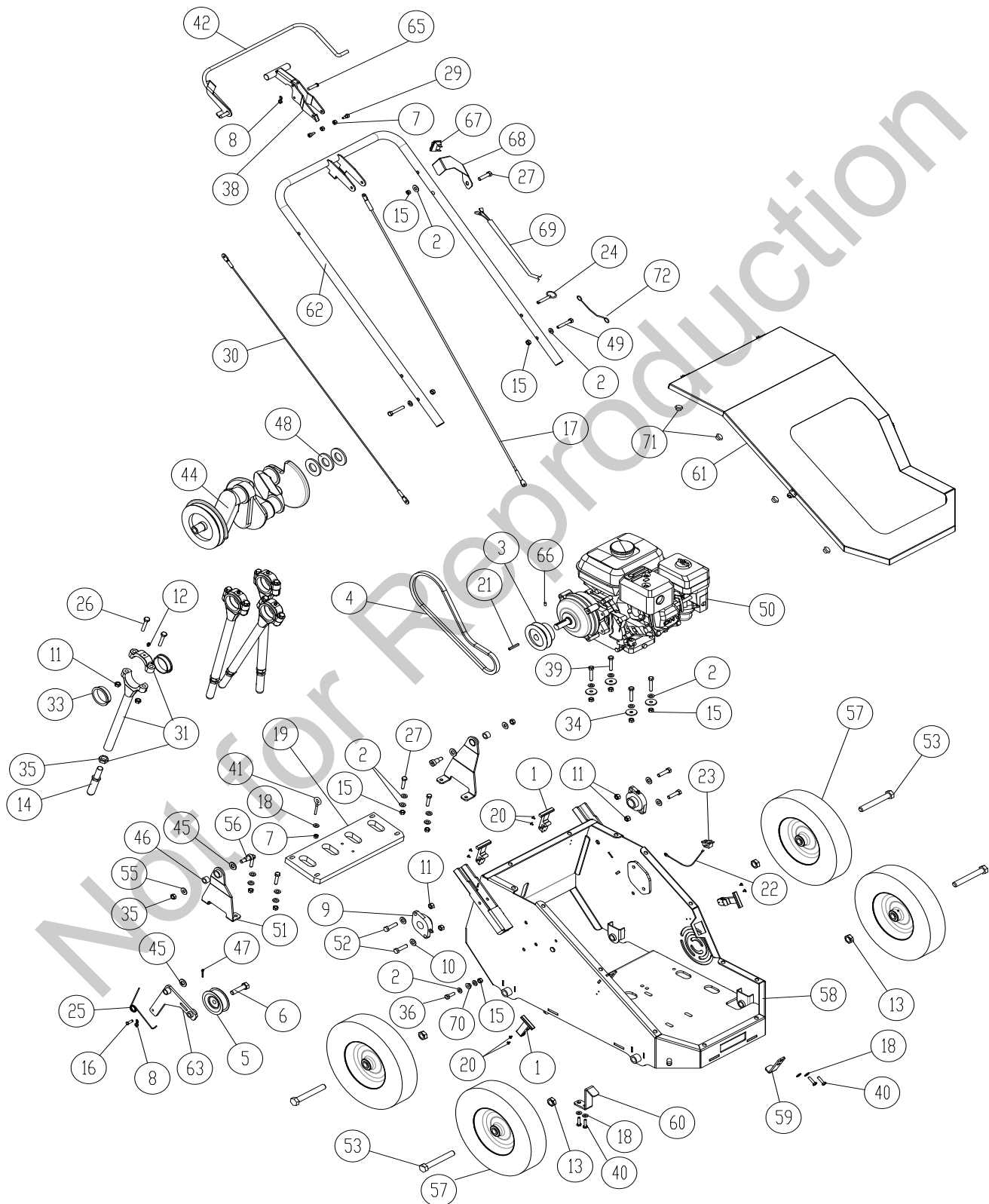
- The machine must be taken to the dealer from whom it was purchased or to an authorized Servicing BILLY GOAT Dealer.
- The owner must present the remaining half of the Warranty Registration Card, or, if this is not available, the invoice or receipt.
- The Warranty Claim will be completed by the authorized BILLY GOAT Dealer and submitted to their respective BILLY GOAT Distributor for their territory Attention: Service Manager. Any parts replaced under warranty must be tagged and retained for 90 days. The model number and serial number of the unit must be stated in the Warranty Claim.
- The distributor service manager will sign off on the claim and submit it to BILLY GOAT for consideration.
- The Technical Service Department at BILLY GOAT will study the claim and may request parts to be returned for examination. BILLY GOAT will notify their conclusions to the distributor service manager from whom the claim was received.
- The decision by the Technical Service Department at BILLY GOAT to approve or reject a Warranty Claim is final and binding.

For online product registration go to www.billygoat.com



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PL1800/H PARTS DRAWING





PL18 Owner's Manual

PL1800/H PARTS LIST

ITEM #	PART #	DESCRIPTION	PL1800H QTY	PL1800V QTY	ITEM #	PART #	DESCRIPTION	PL1800H QTY	PL1800V QTY
1	381003-01	RUBBER LATCH KIT	4	4	51	381632	RETRACTOR PLATE ARM	2	2
2	8171003	FLAT WASHER 5/16"	17	17	52	8041052	SCREWCAP 3/8"-16 X 1 1/2" HCS ZP	4	4
3	381018	ENGINE PULLEY 3.5"	1	1	53	8041151	SCREWCAP 5/8"-11 X 4 1/2" HCS ZP	4	4
4	381019	COGGED V-BELT B 35"	1	1	55	381757	WASHER 5/16" USS THRU-HARDENED ZINC YELLOW	2	2
5	350114	IDLER PULLEY 2.75" DIA	1	1	56	381758	SHOULDER BOLT 1/2" X 5/8"	2	2
6	8041052	SCREWCAP 3/8" - 16 x 1 1/2" GR 5 ZP	1	1	57	381768	WHEEL 12" SEMI-PNEUMATIC W/ 5/8" BEARING HUB	4	4
7	8160001	NYLOCK NUT 1/4"- 20 UNC	3	3	58	381769	400 SERIES FRAME	1	1
8	371275	1/4" RUE RING	2	2	59	381769-09	UPPER BELT TENSIONER BRACKET	1	1
9	381042	CARTRIDGE BEARING 1" DIA	2	2	60	381769-10	LOWER BELT TENSIONER BRACKET	1	1
10	8171004	3/8" FLAT WASHER	4	4	61	381770-WA	COVER WA PL18	1	1
11	8160003	NUTLOCK 3/8-16	19	19	62	381543	HANDLE WA PL18 12 GA	1	1
12	610363	ZERK FITTING GREASE	4	4	63	381772	CLUTCH ARM	1	1
13	381110	NUT JAM 5/8"-11 2 WAY LOCKNUT ZP	4	4	64	381777	PL1800 DECAL KIT	1	1
14	381057	TINE 5/8" DIA	4	4	65	381345	PIN CLEVIS 1/4" X 1 1/8" ZP	1	1
15	8160002	NUTLOCK 5/16"-18	13	13	66	8084106	SCREW SET 5/16"-18 X 5/16" TORQUE TO 22-24 FT-LBS.	1	1
16	381077	CLEVIS PIN 1/4" X 3/4"	1	1	67	500281	SWITCH LKG RKR	1	1
17	381089	RETRACTOR PLATE CABLE	1	1	68	430141	BRACKET MOUNT SWITCH	1	1
18	8171002	WASHER 1/4" FLAT	5	5	69	360316	HARNESS WIRE 60"	1	1
19	381097	400 SERIES RETRACTOR PLATE	1	1	70	350346	NUT 5/16" - 18 SER HEX WSHR FLNG ZP	1	1
20	381115	STAINLESS RIVET 1/8" X 1/4"	8	8	71	380224	RUBBER BUMPER PUSH IN	14	14
21	9201080	KEY 3/15" SQ X 1 1/4	1	1	72	371283	LANYARD 12" COATED	2	2
22	380227	WIRE HARNESS PL HOOD SWITCH	1	1					
23	840058	SWITCH INTERLOCK	1	1					
24	381545	PIN DETENT 5/16" X 1 5/8" LONG	2	2					
25	381138	CLUTCH TORSION SPRING	1	1					
26	8048249	SHCS 3/8"-16 X 2" BLK OX	8	8					
27	8041030	SCREWCAP 5/16"-18 X 1 1/2"	5	5					
29	381158	SOCKET HEAD SHOULDER BOLT 5/16" X 1/4"	2	2					
30	380221	CLUTCH CABLE 39"	1	1					
31	380214	KIT KEYED TINE ROD AND CAP	4	4					
33	380213	JOURNAL BEARING 2"	8	8					
34	8172020	FENDER WASHER 5/16"	4	4					
35	8143007	NUT JAM 5/8"-11 ZP	4	4					
36	8041028	SCREWCAP 5/16"-18 X 1" HCS ZP	1	1					
37	381198	RETRACTOR PLATE LATCH	1	1					
38	381201	RETRACTOR HANDLE	1	1					
39	8041031	SCREWCAP 5/16"-18 X 1 3/4" HCS ZP	4	4					
40	8041004	SCREWCAP 1/4"-20 X 3/4" GR 5 HCS ZP	4	4					
41	381272	EYEBOLT 1/4" - 20	1	1					
42	381288	400 SERIES CLUTCH LEVER	1	1					
44	381296	4 TINE CRANK	1	1					
45	8171006	WASHER 1/2" FLAT	3	3					
46	381512	BUSHING 1/2" ID X 3/4" OD X 1/2"	2	2					
47	8197031	COTTER PIN 1/8" X 1"	1	1					
48	362205	MACHINERY BUSHING 1" X 1 1/2" X 14 GA	3	3					
49	8041032	SCREWCAP 5/16"-18 X 2" HCS ZP	2	2					
50	360278	HONDA ENGINE GX120 W/GEARBOX	1	-					
	380229	BRIGGS VANGUARD ENGINE W/GEARBOX	-	1					



PL18 Owner's Manual



en	English	fi	Suomi	lv	Latviešu	ru	Русский
bg	български език	fr	Français	nl	Nederlands	sl	Slovenščina
cs	Čeština	el	Ελληνικά	no	Norsk	sk	Slovák
da	Dansk	hr	Hrvatski	pl	Polski	sv	Svenska
de	Deutsch	hu	Magyar	pt	Português	tr	Türkçe
es	Español	it	Italiano	ro	Română		
et	eesti keel	lt	Lietuvių				

en	EC Declaration of Conformity	el	Δήλωση συμμόρφωσης ΕΚ	pl	Deklaracja zgodności UE
bg	Декларация за съответствие с европейските стандарти	hu	EU Megfelelőségi nyilatkozat	pt	Declaração de Conformidade à CE
cs	ES Prohlášení o shodě	hr	EC Deklaracija o sukladnosti	ro	Declarație de conformitate C.E.
da	EC Overensstemmelseserklæring	it	Dichiarazione di conformità CE	ru	Заявление о соответствии стандартам и нормам ЕС
de	EG-Konformitätserklärung	lt	EB atitikties deklaracija	sl	ES izjava o skladnosti
es	Declaración de Conformidad de la CE	lv	EK Atbilstības deklarācija	sk	Vyhlasenie o zhode
et	EÜ vastavustunnistus	nl	E.G. Conformiteitsverklaring	sv	EG-försäkran om överensstämmelse
fi	EC-vaatimustenmukaisuusvakuutus	no	CE konformitetserklæring	tr	EC Uygunluk Deklarasyonu
fr	Déclaration de conformité CE				

en	Category	Aerator	el	Κατηγορία	αεριστής	pl	Kategoria	aerator
bg	Категория	аератор	hu	Kategória	Aram	pt	Categoria	aerador
cs	Kategorie	perlátor	hr	Kategorija	aerator	ro	Categorie	aerator
da	Kategori	belüfter	it	Categoria	aeratore	ru	Категория	азэратор
de	Kategorie	Belüfter	lt	Kategorija	aeratorius	sl	Kategorija	aerator
es	Categoría	aíreador	lv	Kategorija	aeratorus	sk	Kategória	perlátor
et	Kategooria	õhusti	nl	Categorie	beluchter	sv	Kategori	lufare
fi	Kategoria	ilmastin	no	Kategori	aerator	tr	Kategori	havalandırıcı
fr	Catégorie	aérateur						

en	This is to certify that the products listed in this document meet the requirements of the European Community Law, and can carry the CE mark. These models comply with the following Directives and related Standards.
bg	Декларацията се издава в удостоверение на това, че изброените продукти съответстват на стандартите на правните норми на Европейския съюз и могат да носят знака CE. Моделите изпълняват директивите и техните стандарти, както следва.
cs	Tímto stvrujeme, že výrobky uvedené v tomto dokladu splňují požadavky zákonů Evropského společenství a mohou být označeny značkou CE. Tyto modely splňují následující směrnice a související normy.
da	Det bekræftes hermed, at de produkter, der er nævnt i dette dokument, opfylder bestemmelserne i EU-lovgivningen og kan bære CE-mærkatet. Disse modeller er i overensstemmelse med følgende direktiver og relaterede standarder:
de	Hiermit wird bescheinigt, dass die in diesem Dokument aufgeführten Produkte mit den gesetzlichen Bestimmungen der Europäischen Gemeinschaft übereinstimmen und das CE- Zeichen tragen können. Diese Modelle erfüllen die folgenden Richtlinien sowie weitere anzuwendende Normen.
es	La presente certifica que los productos enumerados en este documento cumplen con los requerimientos de la Legislación de la Comunidad Europea, y que pueden portar la marca CE. Estos modelos cumplen con las siguientes Directrices y Estándares relacionados:
et	Kinnitame, et eespool nimetatud tooted vastavad Euroopa Ühenduse seadusandluse nõuetele ja kannavad CE-märgistust. Eespool nimetatud mudelid vastavad järgmistele direktiividele ja seotud standardile:
fi	Vakuutamme, että tässä asiakirjassa luetellut tuotteet täyttävät Euroopan Unionin lainsäädännön asettamat vaatimukset ja voi saada CE-merkinnän. Nämä mallit täyttävät seuraavien direktiivien ja niitä koskevien standardien vaatimukset:
fr	Nous déclarons par la présente que les produits mentionnés dans le document sont conformes à la législation de la Communauté européenne et peuvent porter le marquage CE. Ces modèles sont conformes aux directives suivantes et aux normes connexes :
el	Με την παρούσα δήλωση πιστοποιείται ότι τα προϊόντα που αναφέρονται στην παρούσα πληρούν τις απαιτήσεις της Ευρωπαϊκής Κοινωνικής Νομοθεσίας και μπορούν να φέρουν τη σήμανση CE. Τα μοντέλα αυτά συμμορφώνονται με τις ακόλουθες Οδηγίες και τα σχετικά Πρότυπα.
hu	Ez annak tanúsítására szolgál, hogy a dokumentumban felsorolt termékek megfelelnek az Európai közösségi jog követelményeinek és viselheti a CE jelzést. Ezek a modellek eleget tesznek a következő irányelveknek és vonatkozó szabványoknak.
hr	Ovo je potvrda da proizvodi koji su navedeni u ovom dokumentu odgovaraju zakonima europske zajednice i da nose CE oznaku. Ovi modeli zadovoljavaju sljedeće direktive i odgovarajuće standarde.
it	Si certifica che i prodotti elencati nel presente documento soddisfanno i requisiti della legislazione della Comunità Europea e possono recare il marchio CE. Questi modelli sono conformi alle seguenti norme e direttive:
lt	Šiuo patvirtiname kad šiose dokumente paminėti produktai atitinka Europos Bendrijos įstatymų reikalavimus ir jie gali būti pažymėti CE ženklu. Šie modeliai atitinka sekancias direktyvas ir standartus.
lv	Ar šo tiek apstiprināts, ka šajā dokumentā uzskaitītie izstrādājumi atbilst Eiropas Kopienas Likuma prasībām un var tikt marķēti ar emblēmu CE. Šie modeļi atbilst sekojošajām Direktīvām un attiecīgajām Normām.
nl	Hiermee wordt gecertificeerd dat de producten die in deze lijst staan opgesomd, voldoen aan de wettelijke voorschriften van de Europese Gemeenschap en mogen worden voorzien van de CE markering. Deze modellen voldoen aan de volgende richtlijnen en bijbehorende normen:
no	Dette sertifiserer at produktene som er nevnt i dette dokumentet oppfyller kravene som stilles av EU, og at de dermed kan CE-merkes. Disse modellene tilfredsstiller følgende direktiver og relaterte standarder:
pl	Niniejszym zaświadcza się, że produkty wymienione w niniejszym dokumencie spełniają wymogi Prawa Wspólnoty Europejskiej i mogą nosić oznakowanie CE. Modele te spełniają wymogi następujących dyrektyw i powiązanych norm.
pt	O presente documento certifica que os produtos listados neste documento atendem aos requisitos das Leis da Comunidade Europeia e podem levar a marca CE. Esses modelos estão de acordo com as seguintes diretivas e padrões relacionados.
ro	Prin prezenta se atestă faptul că produsele menționate în acest document îndeplinesc cerințele de Drept Comunitar European și pot purta sigla C.E. Aceste modele sunt în conformitate cu următoarele directive și standarde asociate.
ru	Настоящим удостоверяется, что перечисленные в этом документе изделия соответствуют требованиям законов Европейского Союза и могут быть обозначены знаком CE. Эти модели отвечают требованиям следующих директив и соответствующих стандартов.
sl	To služi kot potrditev, da izdelki, ki so navedeni v tem dokumentu, ustrezajo zahtevam zakonodaje Evropske skupnosti in so lahko opremljeni z oznako CE. Ti modeli so v skladu z naslednjimi direktivami in povezanimi standardi.
sk	Týmto vyhlasujeme, že výrobky uvedené v tomto dokumente, splňajú požiadavky zákonov ES a môžu byť označené značkou CE. Tieto modely vyhovujú nasledujúcim smerniciam príslušným normám.
sv	Härmed försäkras att produkterna som finns listade i detta dokument uppfyller kraven i Europeiska gemenskapens lagstiftning och kan förses med CE-märket. Modellerna uppfyller följande direktiv och tillhörande normer.
tr	Bu belgede belirtilen ürünlerin Avrupa Birliği Yasası gereksinimlerini karşılayarak CE işareti taşıyabilmesini onaylamak içindir. Bu modeller aşağıdaki Direktif ve ilgili Standartlarla uyumludur



PL18 Owner's Manual

en Directive: 2006/42/EC	hu Irányelv: 2006/42/EC	pt Diretiva: 2006/42/EC
bg Директива: 2006/42/EC	el Οδηγία: 2006/42/EC	ru Директива: 2006/42/EC
cs Směrnice č. 2006/42/EC	hr Direktiva: 2006/42/EC	ro Directiva: 2006/42/EC
da Direktiv: 2006/42/EF	it Direttiva: 2006/42/EF	sl Direktiva: 2006/42/EF
de Richtlinie: 2006/42/EG	lt Direktyva: 2006/42/EG	sk Smernica: 2006/42/EG
es Directriz: 2006/42/EC	lv Direktīva: 2006/42/EC	sv Direktiv: 2006/42/EC
et Direktiiviga: 2006/42/EÜ	nl Richtlijn: 2006/42/EÜ	tr Direktif: 2006/42/EÜ
fi Direktiivi: 2006/42/EC	no Direktiv: 2006/42/EC	
fr Directives : 2006/42/CE	pl Dyrektywy: 2006/42/CE	

en Model	Guaranteed Sound Power Level	Measured Sound Power Level	Sound Pressure Level at Operator's Ear (1)	Engine Net Power	Hand/Arm Vibration (2)	Mass
bg Модел	Гарантирано ниво на звука	Измерено ниво на звука	Налягане на звука, измерено на нивото на ухото на оператора (1)	Мощност на двигателя	Вибрация на дланта и на ръката (2)	Маса
cs Model	Garantovaná hladina akustického výkonu	Změřená hladina akustického výkonu	Hladina akustického tlaku naměřená u ucha obsluhující osoby (1)	Užitečný výkon motoru	Vibrace rukou/paří (2)	Váha
da Model	Garanteret støjriveau	Målt støjriveau	Lydtryksniveau ved brugerens øre (1)	Maskine Netto kraft	Vibration af hånd/arm (2)	Vægt
de Modell	Garantierter Schalleistungspegel	Gemessener Schalleistungspegel	Schalldruckpegel am Ohr der Bedienungsperson (1)	Motornettoleistung	Vibrationen an Hand/Arm (2)	Masse
es Modelo	Nivel garantizado de potencia acústica	Nivel medido de potencia acústica	Nivel de presión acústica en el oído del operador (1)	Potencia neta del motor	Vibración mano / brazo (2)	Masa
et Mudel	Garanteeritud heliivõimsuse tase	Mõõdetud heliivõimsuse tase	Helirõhu tase kasutaja kõrvajuures (1)	Masin puhas töötab	Võkumine käsi / käsivars (2)	Massi
fi Malli	Taattu äänitehotaso	Mitattu äänitehotaso	Äänenpaine taso käyttäjän korvan tasolla (1)	Moottorin nettoteho	Käden/käsivarren värinä (2)	Paino
fr Modèle	Niveau de bruit garanti	Niveau de bruit mesuré	Niveau sonore au niveau de l'oreille de l'opérateur (1)	Puissance nette du moteur	Vibrations au niveau de la main/du bras (2)	Masse
el Μοντέλο	Εγγυημένη στάθμη ηχητικής ισχύος	Μετρηθείσα στάθμη ηχητικής ισχύος	Στάθμη ηχητικής πίεσης στο αυτί του χειριστή (1)	Καθαρή ισχύς κινητήρα	Χειροβραχιονική δόνηση (2)	Μάζα
hu Model	Garantált hangteljesítmény szint	Mért hangteljesítmény szint	Hangnyomás szint a gépkezelő fülénél (1)	Motor hasznos teljesítménye	Kéz/kar vibráció (2)	Tömeg
hr Model	Zajamčena razina snage zvuka	Izmerjena razina snage zvuka	Razina zvučnog tlaka na uhu rukovatelja (1)	Neto snaga motora	Vibracije šake/ruke (2)	Masa
it Modello	Livello acustico garantito	Livello acustico misurato	Livello di pressione acustica all'orecchio dell'operatore (1)	Potenza netta motore	Vibrazioni a mani/braaccia (2)	Massa
lt Modelis	Garantuotas triukšmo lygis	Pamatuotas triukšmo lygis	Garso spaudimo lygis įrangos naudotojui (1)	Variklio bendras galingumas	Rankenos vibracija (2)	Masė
lv Modelis	Garantētais skaņas jaudas līmenis	Izmērtais skaņas jaudas līmenis	Skaņas spiediena līmenis pie operatora auss (1)	Dzinēja neto jauda	Rokas/pleca vibrācija (2)	Masa
nl Model	Gegarandeerd geluidsrukniveau	Gemeten geluidsrukniveau	Geluidsrukniveau bij het oor van de gebruiker (1)	Netto motorvermogen	Trilling van hand/arm (2)	Mass
no Modell	Garantert lydstyrkenivå	Målt lydstyrkenivå	Lydtrykk-nivå ved operatørens øre (1)	Motorens netto krefter	Hånd/arm-vibrasjon (2)	Masse
pl Model	Gwarantowany poziom mocy akustycznej	Zmierzony poziom mocy akustycznej	Poziom ciśnienia akustycznego w uchu operatora (1)	Moc netto silnika	Organia ręki/ramienia (2)	Masa
pt Modelo	Nível de potência de som garantido	Nível de potência de som medido	Níveis de pressão do som no ouvido do operador (1)	Potência útil do motor	Vibração na mão/braço (2)	Massa
ro Model	Nivel de zgomot garantat	Nivel de zgomot măsurat	Nivel de presiune acustică la urechea operatorului (1)	Putere netă motor	Vibrație mână/braț (2)	Masă
ru Модель	Гарантированный уровень звуковой мощности	Измеренный уровень звуковой мощности	Уровень звукового давления на месте оператора (1)	Полезная мощность двигателя	Интенсивность вибрации на ладони/руках (2)	Вес
sl Model	Zajamčena raven zvočne moči	Izmerjena raven zvočne moči	Raven zvočnega tlaka pri užesu uporabnika (1)	Izhodna moč motorja	Tresljaji na rokah (2)	Masa
sk Model	Zaručená hladina akustického výkonu	Nameraná hladina akustického výkonu	Hladina akustického tlaku pôsobiaceho na ucho obsluhy (1)	čistý výkon motora	Ruka/Rameno Vibrácia (2)	Masa
sv Modell	Garanterad ljudeffektnivå	Uppmätt ljudeffektnivå	Ljudtrycksnivå vid operatörens öra (1)	Motoreffekt netto	Hand-/armvibrationer (2)	Massa
tr Model	Garantili Ses Gücü Seviyesi	Ölçülen Ses Gücü Seviyesi	Operatörün Kulaklarındaki Ses Basıncı Seviyesi (1)	Makine Net Gücü	El/Kol Titreşimi (2)	Ağırlık
PL1800V	103 dB(A)	102 dB(A)	82 dB(A)	4.01kW	6.28 m/s²	111 kg
PL1800H	103 dB(A)	102 dB(A)	82 dB(A)	2.6 kW	6.28 m/s²	109 kg
PL2500H	103 dB(A)	102 dB(A)	82 dB(A)	3.6kW	1.9 m/s²	128.8 kg
PL2500SPH	107 dB(A)	106 dB(A)	86 dB(A)	4.1kW	2.97 m/s²	163.3 kg



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(1) ISO 5395-1:2013 F.7 (EN 4871:1996)
(2) ISO 5395-1:2013 G.8 (EN 12096:1997, D.1)

en	Manufacturing Place / Keeper of Documentation	el	Τόπος κατασκευής / Υπεύθυνος τήρησης αρχείων τεκμηρίωσης	pl	Miejsce produkcji / Osoba odpowiedzialna za przechowywanie dokumentów
bg	Място на производство / Архивар	hu	Gyártás helye / A dokumentáció őrzője	pt	Local de Fabrico / Responsável pela Documentação
cs	Místo výroby / Držitel dokumentace	hr	Mjesto proizvodnje / Čuvar dokumentacije	ro	Loc de fabricație / Păstrător documentație
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fi	Valmistuspaikka / Asiakirjojen haltija	no	Produksjonssted / Dokumentasjonsholder	tr	Üretim Yeri / Doküman Sorumlusu
fr	Lieu de fabrication / Personne chargée de conserver la documentation				

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