



QVSP Owner's Manual



Image shown with optional accessories

QVSP VACUUM Owner's Manual

QV550HSP, QV900HSP

Beginning Serial #: 020416001

Accessories

Debris bags and Filter

ADJUSTABLE HANDLE	VACUUM HOSE KIT	PARKING BRAKE	DEBRIS BAG SKIRT	STANDARD DEBRIS BAG	HOOD FILTER	DEBRIS AND DUST SOCK
Allows for the handle to be raised or lowered for comfort.	5" (127mm) x 10' (3m) collapsible hose for vacuuming in hard-to-reach areas	Locks the rear wheels to prevent freewheeling.	Directs dust away from the operator.	Standard on QV models. For dusty conditions.	Filters out dust from vacuum exhaust.	Traps dust keeping it away from the operator.
P/N 831614	P/N 831018	P/N 831609	P/N 831268	P/N 831613	P/N 831226	P/N 831282

Original Instructions

IMPORTANT- READ CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE.



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SPECIFICATIONS

	QV550HSP	QV900HSP
HP	5.5 (4.1 kW)	9.0 HP (6.6kW)
Engine: Type	GX160T1QX2	GX270K1QA2
Engine: Fuel Capacity	3.88 qt. (3.6 L)	6.3 qt. (6.0L)
Engine: Oil Capacity	0.69 qt. (0.65 L)	1.16 qt. (1.1L)
Total Unit Weight:	226# (102.5 kg)	248# (112.5 kg)
Overall Length	63" (1.6m)	63" (1.6m)
Overall Width	33" (0.84m)	33" (0.84m)
Overall Height	51" (1.3 m)	51" (1.3 m)
Max. operating slope	20 ⁰	20 ⁰
Sound at operators ear	79 dBa	84 dBa
In accordance with 2000/14/EEC	99 dBa	104 dBa
Vibration at operator position	0.38g (3.73m/s ²)	0.47g (4.65m/s ²)

SOUND



SOUND LEVEL 84 dB(a) at Operator Position

Sound tests were conducted in accordance with 2000/14/EEC, and were performed on 4-12-12 under the conditions listed below.

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

General Conditions:	Sunny
Temperature:	46°F (8°C)
Wind Speed:	13 mph (21 kmh)
Wind Direction:	South East
Humidity:	55%
Barometric Pressure:	30.15"Hg (766 mm Hg)

VIBRATION DATA

VIBRATION LEVEL 0.47g (4.65 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 4-12-12 under the conditions listed below.

General Conditions:	Sunny
Temperature:	46°F (8°C)
Wind Speed:	13 mph (21 kmh)
Wind Direction:	South East
Humidity:	55%
Barometric Pressure:	30.15"Hg (766 mm Hg)



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INSTRUCTION LABELS

The labels shown below were installed on your BILLY GOAT® QVSP Vacuum. 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 WARNING
ITEM #35 P/N 831265



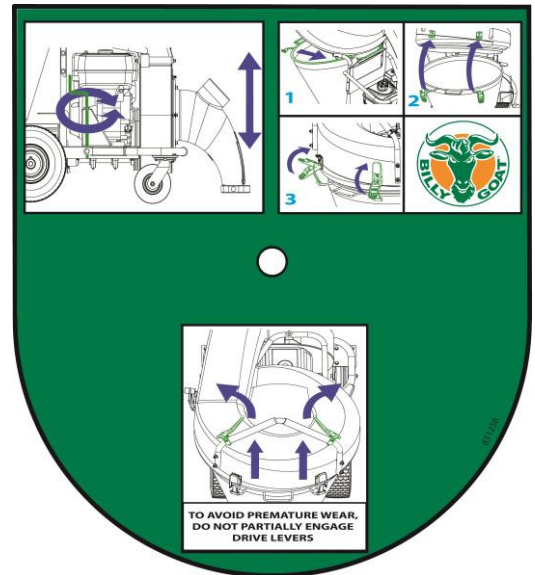
LABEL THROTTLE
ITEM #106 P/N 810656



LABEL DRIVE DIRECTION
ITEM # 38 P/N 831270



INSTRUCTION LABEL
ITEM # 37 P/N 831258



ENGINE LABELS

HONDA

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





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PACKING CHECKLIST

Your Billy Goat is shipped from the factory in one carton, completely assembled except for the nozzle and handle.



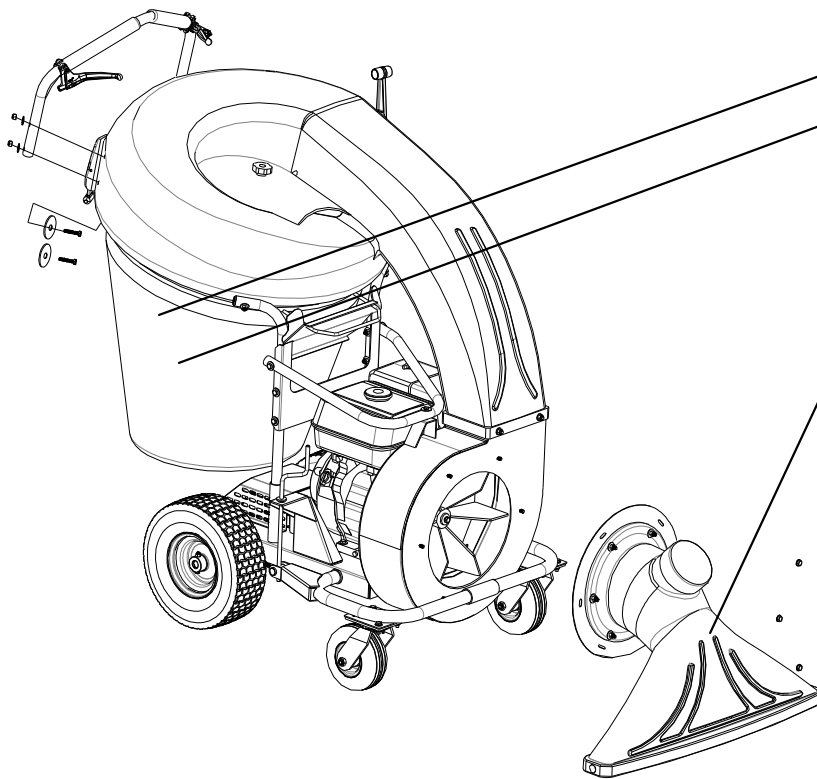
READ all safety instructions before assembling unit.
TAKE CAUTION when removing the unit from the box.



PUT OIL IN ENGINE BEFORE STARTING

PARTS BAG & LITERATURE ASSY

Warranty card P/N- 400972, Operator's Manual P/N-831500, Declaration of Conformity P/N-831503. General Safety and Warnings Manual P/N-100294



Boxing Parts Checklist

- Debris Bag P/N-831225
- Dust Sock P/N-831268
- Front Nozzle P/N-831606
- Literature Assy P/N-831019
- Screwcap 5/16"-18 x 1 3/4 qty 4
P/N-8041031
- Washer 2" OD x .344 ID qty 4
P/N-810652
- Washer 5/16" Flat qty 4
P/N-8171003
- Nut Lock 5/16"- 18 qty 4
P/N-8160002
- Honda 9 HP
- Honda 5.5 HP

ASSEMBLY

NOTE: Items in () can be referenced in the Parts Illustrations and Parts Lists on pages 10-13.

- 1. REMOVE** the unit from the box. Be careful as cables could snag.
- 2. REMOVE** the bag and attach the handle to the hood using the hardware from the parts bag. The large washer should be on the inside and the bolt should run from the inside of the hood out. The arch of the handle should be facing to the front of the machine and the cables should not be twisted around each other. *NOTE:* The left cable should run to the right side of the transmission and right cable to the left of the transmission. Cable twisting will interfere with the operation of the machine and will cause premature cable wear.
- 3. ATTACH** the front nozzle (item 7) to the housing and secure it with the serrated hex nuts (item 58) located in the parts bag.



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OPERATION

VACUUM OPERATION

⚠ WARNING: The maximum RPM's on the unit's engine are set. Altering them from the factory settings could potentially damage the unit and void warranty.

VACUUM NOZZLE HEIGHT ADJUSTMENT: Adjust by turning the knob clockwise to increase height and counter-clockwise to lower it. Adjust nozzle height according to surface conditions and debris size. For vacuuming on flat surfaces, set nozzle 1/2" (12.7 mm) to 5/8" (15.8 mm) above ground. Adjust higher for uneven terrain and turf.

FOR MAXIMUM PICKUP: Adjust nozzle close to debris, but without blocking airflow into the nozzle. *NOTE:* Never bury nozzle into debris.

✋ ⚠ CLEARING A CLOGGED NOZZLE & EXHAUST: Turn engine off and wait for impeller to stop completely and disconnect spark plug wire. Wearing durable gloves, remove clog.

⚠ DANGER, the clog may contain sharp materials. Reconnect spark plug wire.

PROPULSION

First set the forward or reverse lever to the desired position. (Having the lever straight up will put the unit into neutral). To drive in a straight path squeeze both levers, for turning right squeeze the right lever only and likewise to turn left, squeeze the left lever. When no levers are engaged in the unit will freewheel. **DO NOT** partially engage the transmission when engaging the levers. The levers must be completely engaged. Prolonged use of partial engagement could cause internal damage to transmission.

DEBRIS BAG

Debris bags are normal replaceable wear items.

NOTE: Frequently empty debris to prevent bag overloading with more weight than you can lift. Use the dust skirt when debris will be vacuumed in dusty conditions.

DO NOT place bag on or near hot surface, such as engine. Run engine at 1/2 throttle for first 1/2 hour to condition new bag. Your new bag requires a break-in period to condition the pores of the material against premature blockage. The entire bag surface serves as a filter, and must be able to breathe to have good vacuum performance. Be sure engine has come to a complete stop before removing or emptying bag.

HOOD FILTER

Hood filters are normal replaceable wear items. The Hood filter is for use in dry dusty conditions only. **DO NOT** get the filter wet. Clean with light compressed air only.

DUST SOCK

Dust Socks are normal replaceable wear items. See dust sock care next page.

DUSTY CONDITIONS

This vacuum is designed for picking up trash, organic material and other similar debris. However, many vacuums are used where dust is mixed with trash. Your unit can intermittently vacuum in dusty areas. Dust is the greatest cause of lost vacuum performance. However, following these rules will help maintain your machine's ability to vacuum in dusty conditions:

- Run machine at idle to quarter throttle.
- The debris bag must be cleaned more frequently. A vacuum with a clean, pillow soft bag will have good pickup performance. One with a dirty, tight bag will have poor pickup performance. If dirty, empty debris and vigorously shake bag free of dust. Having one or more spare debris bags is a good way to reduce down time while dirty bags are being cleaned. **DO NOT** leave debris in bag while in storage.



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DUST SOCK CARE AND MAINTENANCE

Purpose: The dust sock acts as a secondary filter lowering the amount of dust that escapes the bag.

Dust socks are to be used in dry and dusty conditions **ONLY**. Using the dust sock in damp or wet conditions may damage the dust sock and decrease the effectiveness of the filter.

The dust sock may be installed by simply attaching the mating Velcro strips between the bag and the dust sock. Over time the dust sock will begin to fill with dust during use. Periodically remove the dust sock, empty the loose dust out and clean the sock. For a light clean, simply shake the sock, for a deep clean, see below. To remove the sock, simply separate the Velcro.



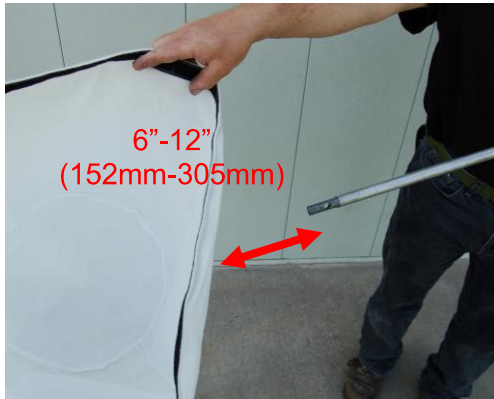
Dust Sock Care Information:



DO NOT STRIKE THE BAG WITH OR AGAINST OBJECTS



DO NOT SNAG THE BAG



LIGHTLY CLEAN WITH COMPRESSED AIR ONLY, FROM THE OUTSIDE IN. KEEP THE NOZZLE 6-12 INCHES FROM FABRIC



DO NOT GET WET

Dust Socks are normal replaceable wear items. Replacement P/N- 831282



MAINTENANCE

NOTE: Items in () can be referenced in the Part Illustrations and Part Lists on pages 10-13.

PERIODIC MAINTENANCE

Periodic maintenance should be performed at the following intervals:

Maintenance Operation	Every Use (daily)	Every 5 hrs (daily)	Every 10 Hrs	Every 25 Hrs	Every 50 Hrs
Inspect for loose, worn or damaged parts		●			
Clean debris bag	●				
Check tire pressure	●			●	
Engine (See Engine Manual)					
Check for excessive vibration		●			
Check belt					●
Grease zerks					●

Grease: Wheels, Casters, and Shaft Bearings.

Tire air pressure: Check at regular intervals & maintain: Rear SP 13" tires at 20 psi. (137.9 kPa).

IMPELLER REMOVAL

1. Disconnect spark plug wire.
2. Secure the unit to keep it from moving.
3. Remove the nozzle (item 7) from the housing, then remove the plate it was attached to (item 30).
4. Walk the belt (item 22) off of the lower pulley (item 23) and then slide it off of the impeller groove. If you cannot walk it off of the bottom pulley loosen the bearings (item 24) on the underside. This will allow a little more play in the pulley.
5. Slide belt out of belt groove in impeller hub drive pulley.
6. Remove impeller bolt and lock washer.
7. If impeller slides off freely, proceed to (step 12). **(Do not drop impeller).**
8. If impeller does not slide off crankshaft, place two crowbars between impeller and housing on opposite sides. Pry impeller away from engine until it loosens. *A penetrating oil can help loosen a stuck impeller.*
9. Slide impeller off of crank shaft and remove impeller from housing.
10. Reinstall new impeller, new impeller bolt and lock washer in reverse order of removal. (See the Parts Illustration on pages 10-13 for parts break-down and Parts List on page 11 for proper impeller bolt torque specifications.)
11. When impeller is installed, slide the belt back into the groove on the hub and walk it back onto the bottom pulley. Retighten the bearings if they were loosened.
12. Reattach nozzle plate and nozzle in reverse order of removal.
13. Reconnect spark plug wire.
14. Check for proper operation.

DRIVE

Belts are normal replaceable wear items.

BELT REPLACEMENT

1. Follow steps 1-9 in the impeller removal section. The impeller will need to be removed to replace the belt
2. Loosen the set screws on the pulley at the end of the shaft. This will allow the pulley to slide out of the way of the belt. Walk the old belt off the pulley.
3. Remove the old belt by feeding it through the housing and replace it with a new one, making sure to walk the belt around the bottom pulley.

Continued next page



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4. Install the impeller and make sure the belt is in the groove on the hub. Use new hardware to attach the impeller. **DO NOT** reuse old impeller bolts.
5. Align the pulley so the belt will be running straight, then tighten the set screws. *NOTE:* make sure the key is in the lower pulley is still in place and hasn't fallen out.
6. Reattach the nozzle plate and nozzle in reverse order of removal.
7. Reconnect spark plug wire.
8. Check for proper operation.

DRIVE CABLE ADJUSTMENT

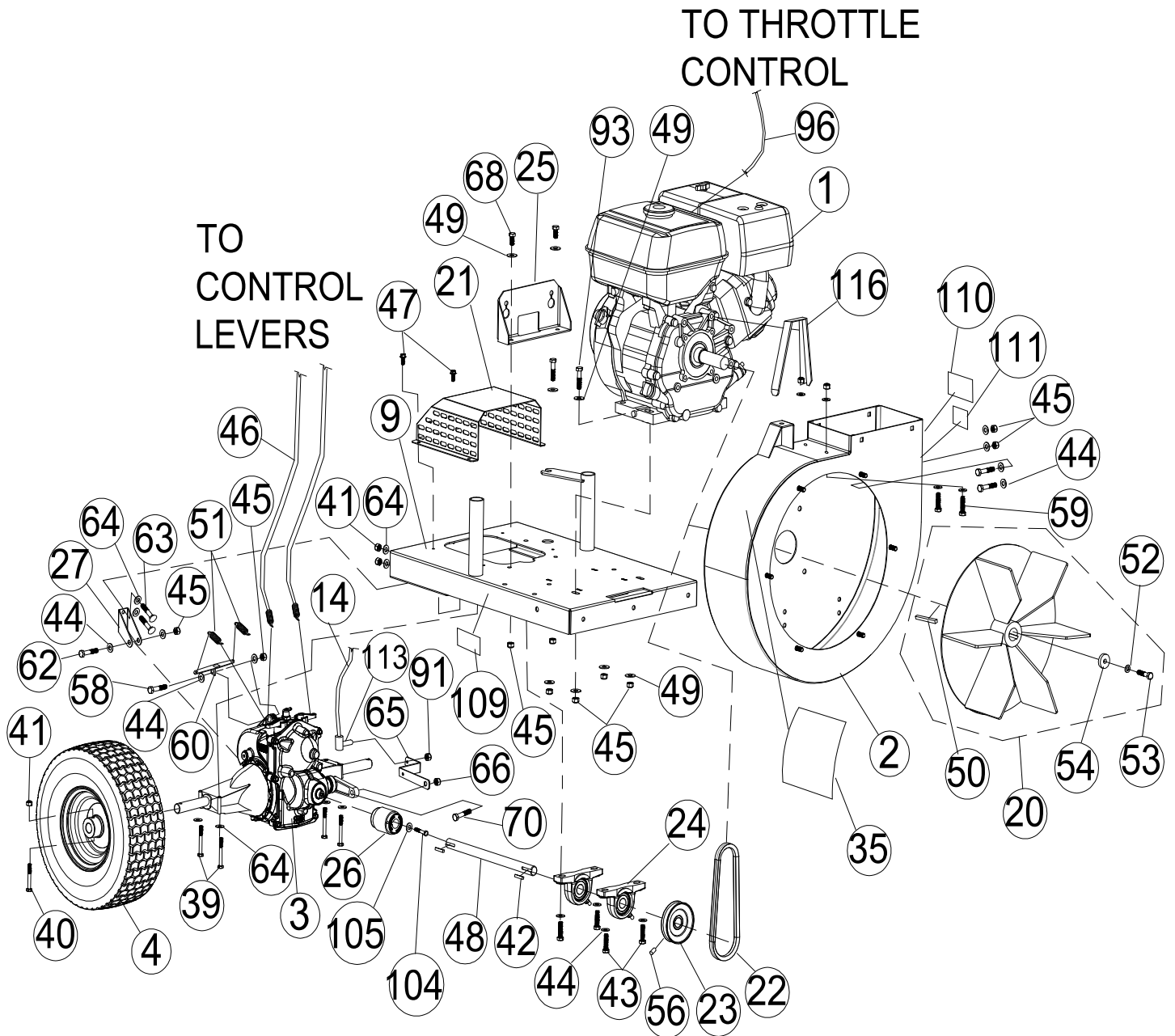
1. Disconnect spark plug wire.
2. Remove the bag (item 5) and transmission cover (item 21) which will allow the transmission drive lever arms to be visible.
3. Loosen the two nuts on the barrel of the cable going into the drive levers.
4. Tension on the drive lever is reduced when the barrel of the cable is moved upwards towards the lever and tension is increased when the barrel is removed further away from the lever. *NOTE:* Moving the barrel too much in either direction will result in the drive lever constantly being engaged or not engaging at all.
5. When engaging the drive levers check the exposed transmission to make sure that the arms are properly engaging and returning to a disengaged position.
6. Reattach the transmission cover and bag.
7. Reconnect spark plug wire.
8. Check for proper operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Abnormal vibration	Loose or out of balance impeller or loose engine.	Check impeller and replace if required. Check engine.
Will not vacuum or has poor vacuum performance	Dirty debris bag. Nozzle height set too high or low. Hose kit cap missing. Clogged nozzle or exhaust. Excessive quantity of debris.	Clean debris bag. Shake bag clean or wash. Adjust nozzle height. Check for hose kit cap. Unclog nozzle or exhaust. Allow air to feed with debris.
Engine will not start	Stop switch off. Throttle in off position. Engine not in full choke position. Out of gasoline. Bad or old gasoline. Sparkplug wire disconnected. Dirty air cleaner. Low oil (honda only)	Check stop switches, throttle, choke position and gasoline. Connect spark plug wire. Clean or replace air filter. Or contact a qualified service person.
Engine is locked, will not pull over	Debris locked in impeller. Engine problem.	See page 6. Contact a engine service dealer for engine problems.
Nozzle scrapes ground in lowest height setting	Nozzle height out of adjustment.	Adjust nozzle height (See Nozzle height fine adjustment for hard surfaces on page 6.
No self propelling	Transmission not in gear. Drive levers not engaging. Worn out, broken, or mispositioned belt. Return springs on transmission broken.	Check forward/reverse gear selection. Check drive lever cable adjustment and belt. Check return springs on transmission.
Self propelled drive will not release	Drive Levers adjusted too tight keeping the transmission engaged.	Adjust the barrels on the drive levers to decrease the tension on the transmission.



QVSP ENGINE PARTS DRAWING





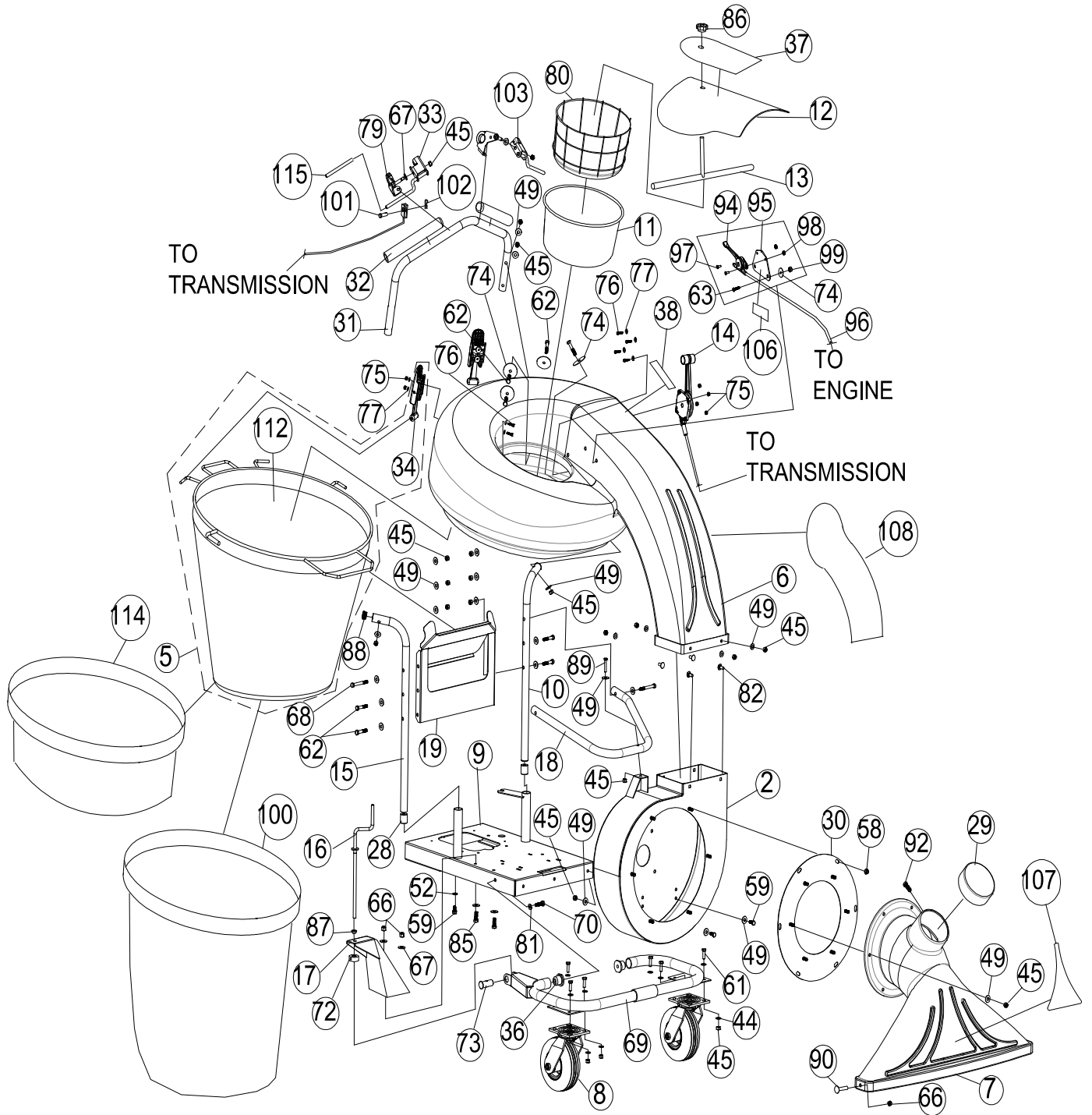
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QVSP ENGINE PARTS LIST

ITEM	DESCRIPTION	QV550HSP PART NO.	QTY	QV900HSP PART NO.	QTY	ITEM	DESCRIPTION	QV550HSP PART NO.	QTY	QV900HSP PART NO.	QTY
1	ENGINE HONDA 5.5 OHV GX160	600115	1	-	-	62	SCREWCAP 5/16"-18 X 1 3/4" HCS ZP	8041031	1	8041031	1
	ENGINE HONDA 9 OHV GX270	-	-	430287	1	63	CARRIAGE BOLT 1/4"-20 X 3/4" ZP	8024021	2	8024021	2
2	HOUSING WA W/LABELS	831600	1	831600	1	64	WASHER 1/4" SAE	8172007	8	8172007	8
3	TRANSAXLE HYDRO GEAR	831218	1	831218	1	65	BRACKET OFFSET SHIFT	831220	1	831220	1
4	WHEEL 13" X 5" PNEU	831203	2	831203	2	66	NUT LOCK 3/8"-16 HEX	8160003	1	8160003	1
9	ENGINE BASE WA	831105	1	831107	1	68	SCREWCAP 5/16"-18 X 3/4" HCS ZP	8041035	2	8041035	2
14	CABLE SHIFTER CONTROL	831228	1	831228	1	70	SCREWCAP 3/8"-16 X 1 1/4" HCS ZP	8041051	1	8041051	1
20	IMPELLER ASSY 5HP (torque 17-22 ft.lbs [23-30 N.m])	831607	1	-	-	91	NUT 1/4"-28 HEX	8149001	1	8149001	1
	IMPELLER ASSY 9HP (torque 55-60 ft. lbs [75-81 N.m.J)	-	-	831121-S	1	93	SCREWCAP 5/16"-18 X 1 1/2" HCS ZP	8041030	4	-	-
21	COVER TRANSAXLE WA	831114	1	831114	1		SCREWCAP 5/16"-18 X 1 3/4" HCS ZP	-	-	8041031	4
22	BELT GATES 6822	831219	1	-	-	96	CABLE THROTTLE	440178	1	440178	1
	BELT GATES 6824	-	-	831280	1	104	SCREWCAP 1/4"-20 X 3/4" W/PATCH	831263	1	831263	1
23	PULLEY 3.25 X 3/4" BORE	610417	1	610417	1	105	WASHER .266 X .750 X .156 THK	831264	1	831264	1
24	BEARING 3/4" CAST P BLOCK	350133	2	350133	2	109	LABEL DANGER GUARD	900327	2	900327	2
25	BRACKET MOUNT CONTROL CABLE	831113	1	831113	1	110	LABEL MADE IN USA	520116	1	520116	1
26	COUPLER TRANSAXLE	831205	1	831205	1	111	LABEL PATENT PENDING	500183	1	500183	1
27	BRACKET ANTI ROTATION	831217	1	831217	1	113	BALL JOINT DETACHABLE	831615	1	831615	1
35	LABEL WARNING QV	831265	1	831265	1	116	BELT GUIDE QV	831302	1	831303	1
39	SCREWCAP 1/4"-20 X 2 1/4 HCS ZP	8041011	4	8041011	4						
40	BOLT SHOULDER 1/4" X 1 1/2"	831255	2	831255	2						
41	NUT LOCK 1/4"-20 HEX ZP	8160001	4	8160001	4						
42	KEY 3/16" SQ X 1"	9201078	2	9201078	2						
43	SCREWCAP 5/16"-18 X 1 1/4" HCS ZP	8041029	4	8041029	4						
44	WASHER 5/16" SAE	8172008	18	8172008	18						
45	NUT LOCK 5/16"-18 HEX ZP	8160002	10	8160002	10						
46	CABLE TRANS AXLE DRIVE	831309	2	831309	2						
47	SCREW SELF TAP 1/4"-20 X 5/8" HWH TYPE F	890359	4	890359	4						
48	SHAFT DRIVE 5HP QV	831206	1	-	-						
	SHAFT DRIVE 9HP QV	-	-	831230	1						
49	WASHER 5/16" FLAT	8171003	4	8171003	4						
50	KEY 3/16" SQ X 2 1/4"	9201087	1	-	-						
	KEY 1/4" SQ X 2 1/8	-	-	9201122	1						
51	SPRING RETURN	831210	2	831210	2						
52	WASHER LOCK 5/16" SPLIT	8177011	1	-	-						
	WASHER LOCK 7/16" ST MED	-	-	8177013	1						
53	SCREWCAP 5/16 -24 X 2 1/4" GR. 8 W/PATCH	831272	1	-	-						
	SCREWCAP 7/16-20 X 2" GR. 8 ZP	-	-	500188	1						
54	WASHER 1.125 OD X 0.344 ID X 0.25	441150	1	-	-						
	WASHER 1.5 OD X 0.45 ID X 0.5 THK	-	-	440176	1						
56	SET SCREW 5/16"-18 X 5/16"	8084106	2	8084106	2						
58	SCREWCAP 5/16"-18 X 1 3/4" HCS ZP	8041030	1	8041030	1						
59	SCREWCAP 5/16"-18 X 3/4" HCS ZP	8041026	4	8041026	4						
60	BRACKET RETURN SPRING MOUNT	831310	1	831310	1						



QVSP HOOD PARTS DRAWING





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QVSP HOOD PARTS LIST

ITEM	DESCRIPTION	QV550HSP PART NO.	QTY	QV900HSP PART NO.	QTY	ITEM	DESCRIPTION	QV550HSP PART NO.	QTY	QV900HSP PART NO.	QTY
2	HOUSING QV WA W/LABELS	831600	1	831600	1	90	BOLT CARRIAGE 3/8" -16 X 1"	8024058	2	8024058	2
5	BAG QV	831612	1	831612	1	92	SCREW PLASTITE 1/4"-20 X 3/4" HWH ZP	840082	1	840082	1
6	HOOD QVSP W/LABELS	831603	1	831603	1	94	CONTROL THROTTLE	440013	1	440013	1
7	NOZZLE 32"	831606	1	831606	1	95	PLATE THROTTLE	500385	1	500385	1
8	CASTER SWIVEL QV	831201	2	831201	2	96	CABLE THROTTLE	440178	1	440178	1
9	ENGINE BASE 5 HP WA SP	831105	1	-	-	97	SCREW MACH HD PHIL #10-24	830514	2	830514	2
	ENGINE BASE 9 HP WA SP	-	-	831108	1	98	NUT LOCK LT #10-24	8164005	2	8164005	2
10	HANDLE LOWER LFT	831404	1	831404	1	99	NUT FLANGE 1/4"-20	900453	2	900453	2
11	HOOD FILTER	831226	1	831226	1	100	DUST SOCK DOUBLE LAYER QV	831282	1	831282	1
12	HOOD SCOOP QVSP W/LABEL	831602	1	831602	1	101	PIN CLEVIS 0.25 X 0.50	440124	2	440124	2
13	ROD FILTER HOLDER QV	831266	1	831266	1	102	PIN CLIP HITCH_051 X 3/4"	440193	2	440193	2
14	SHIFTER CONTROL	831228	1	831228	1	103	ARM CONTROL WA	440277	1	440277	1
15	HANDLE LOWER RT	831403	1	831403	1	106	LABEL THROTTLE	810656	1	810656	1
16	HEIGHT ADJ ROD	831214	1	831214	1	107	LABEL NOZZLE QV	831261	1	831261	1
17	HEIGHT ADJ BRACKET WA	831110	1	831110	1	108	LABEL BADGING QV	831260	2	831260	2
18	HANDLE WISHBONE	831405	1	831405	1	112	BAG QV NO CLASPS SERVICE	831613	1	831613	1
19	BRACKET HANDLE SUPPORT	831222	1	831222	1	114	DUST SKIRT	831268	1	831268	1
28	SPACER HANDLE 9 HP	-	-	831229	2	115	GRIP CLUTCH CONTROL	440242	2	440242	2
29	CAP 5" VINYL BLACK	831211	1	831211	1						
30	PLATE NOZZLE WA QV	831109	1	831109	1						
31	HANDLE UPPER QV	831406	1	831406	1						
32	GRIP 1" OD X 9.5"	430342	2	430342	2						
33	ARM CLUTCH CONTROL QV WA	831116	2	831116	2						
34	BAG LATCH	840016	2	840016	2						
36	BUSHING FRAME PIVOT	831207	2	831207	2						
37	LABEL INSTRUCTION QV	831258	1	831258	1						
38	LABEL DRIVE DIRECTION	831270	1	831270	1						
44	WASHER 5/16" SAE	8172008	12	8172008	12						
45	NUT LOCK 5/16"-18 HEX ZP	8160002	33	8160002	33						
49	WASHER 5/16" FLAT	8171003	33	8171003	33						
52	WASHER LOCK 5/16" SPLIT	8177011	2	8177011	2						
58	NUT 5/16"-18 SER HEX WSHR FLNG ZP	350346	6	350346	6						
59	SCREWCAP 5/16"-18 X 3/4" HCS ZP	8041026	4	8041026	4						
61	SCREWCAP 5/16"-18 X 1" HCS ZP	8041028	6	8041028	6						
62	SCREWCAP 5/16"-18 X 1 3/4" HCS ZP	8041031	12	8041031	12						
63	SCREWCAP 1/4"-20 X 3/4"	8041004	2	8041004	2						
66	NUT LOCK 3/8" -16 HEX	8160003	4	8160003	4						
67	WASHER 3/8" FLAT	8171004	7	8171004	7						
68	SCREWCAP 5/16"-18 2 3/4" HCS ZP	8041035	2	8041035	2						
69	FRAME CASTER QV WA	831108	1	831108	1						
70	SCREWCAP 3/8"-16 X 1 1/4" HCS ZP	8041051	2	8041051	2						
72	STOP COLLAR	831216	1	831216	1						
73	PIVOT HEIGHT ADJ WA	831117	1	831117	1						
74	WASHER 2" OD X 0.344 ID X 16 GA	810652	8	810652	8						
75	NUT LOCK #10-24 HEX	8155007	8	8155007	8						
76	SCREW MACH #10-24 X 3/4"	8059136	8	8059136	8						
77	WASHER #10 SAE	8172005	12	8172005	12						
79	CONTROL MOUNT HANDLE WA	831115	2	831115	2						
80	FILTER FRAME	831223	1	831223	1						
81	WASHER LOCK 3/8" ST MED	8177012	2	8177012	2						
82	BOLT CARRIAGE 5/16"-18 X 3/4" ZP	8024039	4	8024039	4						
85	SCREWCAP 3/4"-16 X 1" HCS ZP	8041050	2	8041050	2						
86	KNOB 3/8"-18 SOLID HUB	811230	1	811230	1						
87	BUSING HEIGHT ADJ BRKT QV	831215	1	831215	1						
88	PLUG TUBE INSERT 1" OD	890132	2	890132	2						
89	SCREWCAP 5/16"-20 X 1 1/2"	8041030	1	8041030	1						



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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	EU 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	lv	EB atbilstības deklarācija	sl	ES izjava o skladnosti
es	Declaración de Conformidad de la CE	nl	E.G. Conformiteitverklaring	sk	Vyhlasenie o zhode
et	Eü vastavustunnistus	no	CE konformitetserklæring	sv	EG-försäkran om överensstämmelse
fi	EC-vaatimustenmukaisuusvakuutus			tr	EC Uygunluk Deklarasyonu
fr	Déclaration de conformité CE				

en	Category	Vacuum	el	Κατηγορία	κενό	pl	Kategoria	Próżnia
bg	Категория	вакуум	hu	Kategória	vákuum	pt	Categoria	vácuo
cs	Kategorie	Vakuové	hr	Kategorija	Vakuum	ro	Categorie	vid
da	Kategori	vakuum	it	Categoria	vuoto	ru	Категория	вакуум
de	Kategorie	Vakuum	lv	Kategorija	Dulkiņi	sl	Kategorija	vakuumska
es	Categoría	Aspiradora	lt	Kategorija	vakuums	sk	Kategória	vákuové
et	Katagooria	vaakum	nl	Categorie	vacuüm	sv	Kategori	vakuum
fi	Kategoria	tyhjiö	no	Kategori	vacuum	tr	Kategori	Vakum
fr	Catégorie	vide						

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 standardidele:
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	Éz 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 soddisfano 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 šiame dokumente paminėti produktai atitinka Europos Bendrijos Įstatymų reikalavimus ir jie gali būti pažymėti CE ženklu. Šie modeliai atitinka sekančias 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-märke. Modellerna uppfyller följande direktiv och tillhörande normer.
tr	Bu belgeyle belirlenen ürünlerin Avrupa Birliği Yasası gereksinimlerini karşılayarak CE işareti taşıyabilmelerini onaylamak içindir. Bu modeller aşağıdaki Direktif ve ilgili Standartlarla uyumludur



QVSP 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/CE	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 Model	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/pař. (2)	Váha
da Model	Garanteret støjriveau	Målt støjriveau	Lydtryksniveau ved brugers øre (1)	M askine Netto kraft	Vibration af hånd/arm (2)	Vægt
de Modell	Garantierter Schalleistungspegel	Gemessener Schalleistungspegel	Schalldruckpegel am Ohr der Bedienungsperson (1)	Motor Nettoleistung	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 Mudal	Garanteeritud helivõimsuse tase	Mõõdetud helivõimsuse tase	Häälrõhu tase kasutaja kõrvajuures (1)	Masin puhas töötav	Võkumme käsi / käsivarre (2)	Massi
fi Malli	Taattu äänitehotaso	Mittattu äänitehotaso	Äänepaine 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 κίνησης	Χειρβραχιακή δόνηση (2)	Μάζα
hu Model	Garantált hangteljesítmény szint	Mért hangteljesítmény szint	Hangnyomás szint a gépközélső 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	Vibracija 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/braccia (2)	Massa
lt Modelis	Garantuotas triukšmo lygis	Pamatuotas triukšmo lygis	Garsas spaudimo lygis įrangos naudotojui (1)	Variklio bendras galiosumas	Rankenos vibracija (2)	Masė
lv Modelis	Garantētais skaņas jaudas līmenis	Izmērītais skaņas jaudas līmenis	Skaņas spiediena līmenis pie operatora auss (1)	Dzināja neto jauda	Rokas/pleca vibrācija (2)	Masa
nl Model	Gegarandeerd geluidsdruk niveau	Gemeten geluidsdruk niveau	Geluidsdruk niveau bij het oor van de gebruiker (1)	Netto motorvermogen	Trilling van hand/arm (2)	Mass
no Model	Garantert lydstyrkenivå	Målt lydstyrkenivå	Lydtrykk-nivå ved operatørens øre (1)	Motorens netto krefter	Hand/arm-vibrasjon (2)	Masse
pl Model	Gwarantowany poziom mocy akustycznej	Zmierzony poziom mocy akustycznej	Poziom ciśnienia akustycznego w uchu operatora (1)	Moc netto silnika	Drżenie/rzęś/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	Vibraje 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 Model	Garanterad ljudeffektivitet	Uppmätt ljudeffektivitet	Ljudtrycksnivå vid operatörens öra (1)	Motoreffekt netto	Hand-/armvibrationer (2)	Massa
tr Model	Garantili Ses Gücü Seviyesi	Ölçülen Ses Gücü Seviyesi	Operatörün Kulaklı İndaki Ses Basıncı Seviyesi (1)	Makine Net Gücü	El/Kol Titreşimi (2)	Ağırlık
QV550	98 dB(A)	97 dB(A)	77 dB(A)	4,1 kW	4,64 m/s ²	8,16 kg
QV550EU	98 dB(A)	97 dB(A)	77 dB(A)	4,1 kW	4,64 m/s ²	8,16 kg
QV550HSP	100 dB(A)	99 dB(A)	79 dB(A)	4,1 kW	3,73 m/s ²	102,5 kg
QV550HSPEU	100 dB(A)	99 dB(A)	79 dB(A)	4,1 kW	3,73 m/s ²	102,5 kg
QV550H	98 dB(A)	97 dB(A)	77 dB(A)	4,1 kW	4,64 m/s ²	73,4 kg
QV550HEU	98 dB(A)	97 dB(A)	77 dB(A)	4,1 kW	4,64 m/s ²	73,4 kg
QV900HSP	105 dB(A)	104 dB(A)	84 dB(A)	6,6 kW	4,65 m/s ²	112,5 kg
QV900HSPEU	104 dB(A)	103 dB(A)	83 dB(A)	6,6 kW	4,65 m/s ²	112,5 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 bg Място на производство / Архивар cs Místo výroby / Držitel dokumentace da Fremstillingssted / Indehaver af dokumentationen de Herstellungsort / Verantwortlicher für die Dokumentation es Lugar de manufactura / Guardián de documentación et Valmistamispaik / Dokumentatsiooni hoidja fi Valmistuspaikka / Asiakirjojen haltija fr Lieu de fabrication / Personne chargée de conserver la documentation	el Τόπος κατασκευής / Υπεύθυνος τήρησης αρχείων τεκμηρίωσης hu Gyártás helye / A dokumentáció őrzője hr Mjesto proizvodnje / Čuvar dokumentacije it Sede di produzione / Archiviatore di documentazione lt Pagaminimo vieta / Dokumentacijos turėtojas lv Ražošanas vieta / Dokumentācijas glabātājs nl Productieplaats / Documentatiebeheerder no Produksjonssted / Dokumentasjonsholder	pl Miejsce produkcji / Osoba odpowiedzialna za przechowywanie dokumentów pt Local de Fabrico / Responsável pela Documentação ro Loc de fabricație / Păstrător documentație ru Место производства / Владелец документации sl Kraj izdelave / Hranitelj dokumentacije sk Miesto výroby / Dokumentácia majiteľa sv Tillverkningsplats / Dokumentförvaring tr Üretim Yeri / Doküman Sorumlusu
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