



# FORCEPUSH BLOWER Owner's Manual



Patent #6,253,416 and other patents pending  
**FORCE BLOWER Owner's Manual**  
F902H, F1002V, F1302H, F1802V  
Beginning Serial #: 110215001

## Accessories

| HOLD DOWN KIT                                                                                                                                 | SOLID FRONT TIRE                                                                                                   | PARKING BRAKE                                                                                                                                     | CASTER KIT                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| To secure blower for transportation on trailer floors.<br> | Solid flat-free front tire.<br> | Effective and Easy to use to prevent blower from rolling.<br> | For greater maneuverability on hard surfaces.<br> |
| P/N 440120                                                                                                                                    | P/N 440279                                                                                                         | P/N 440140                                                                                                                                        | P/N 440293                                                                                                                             |

Original Instructions

IMPORTANT- READ CAREFULLY BEFORE USE AND KEEP FOR FUTURE REFERENCE



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## FORCEPUSH BLOWER Owner's Manual

### SPECIFICATIONS

|                      | F1002V           | F902H           | F1302H          | F1802V           |
|----------------------|------------------|-----------------|-----------------|------------------|
| Engine HP            | 10.0 HP (6.6kW)  | 9.0 HP (6.6kW)  | 13.0 HP (9.6kW) | 18 HP (13.42kW)  |
| Engine Model         | 19L2320055F1     | GX270UTQA2      | GX390UTQA2      | 3564420298F1     |
| Engine Type          | B & S VANGUARD   | HONDA OHV       | HONDA OHV       | B & S VANGUARD   |
| Engine Fuel Capacity | 3.96 qt. (3.75L) | 6.3 qt. (6.0L)  | 6.5 qt. (6.1L)  | 9 qt. (8.52L)    |
| Engine Oil Capacity  | 0.88 qt. (0.83L) | 1.16 qt. (1.1L) | 1.16 qt. (1.1L) | 1.75 qt. (1.66L) |
| Total Unit Weight:   | 143 # (64.8Kg)   | 143 # (64.8Kg)  | 160 # (72.6Kg)  | 179 # (81.2Kg)   |
| Overall Length:      | 58" (1.43m)      | 58" (1.43m)     | 58" (1.43m)     | 58" (1.43m)      |
| Overall Width        | 29.25" (0.74m)   | 29.25" (0.74m)  | 29.25" (0.74m)  | 29.25" (0.74m)   |
| Overall Height       | 45" (1.14m)      | 45" (1.14m)     | 45" (1.14m)     | 45" (1.14m)      |
| Max Operating Angle  | 20°              | 20°             | 20°             | 25°              |

### 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](http://www.P65Warnings.ca.gov).

### INSTRUCTION LABELS

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



**LABEL SPARK ARRESTOR**  
P/N 100252



**LABEL READ OWNERS MANUAL**  
ITEM #44 P/N 890301



**LABEL SAFETY PROTECT**  
ITEM# 45 P/N 100346



**DANGER FLYING DEBRIS**  
ITEM # 46 P/N 810736



**LABEL EXPLOSIVE FUEL**  
ITEM # 43 P/N 100261



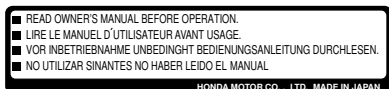
**LABEL THROTTLE CONTROL**  
ITEM # 42 P/N 810656



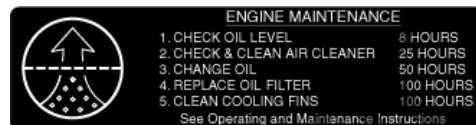
## FORCEPUSH BLOWER Owner's Manual

### ENGINE LABELS

#### HONDA



#### BRIGGS AND STRATTON VANGUARD



### PACKING CHECKLIST

These items should be included in your carton. If any of these parts are missing, contact your dealer. Your BILLY GOAT® FORCE Blower was shipped in one carton, completely assembled except for the Upper Handle Assembly and Front Diverter. Mounting hardware for the Upper Handle Assembly can be found in the parts bag.



**READ** all safety instructions before assembling unit.

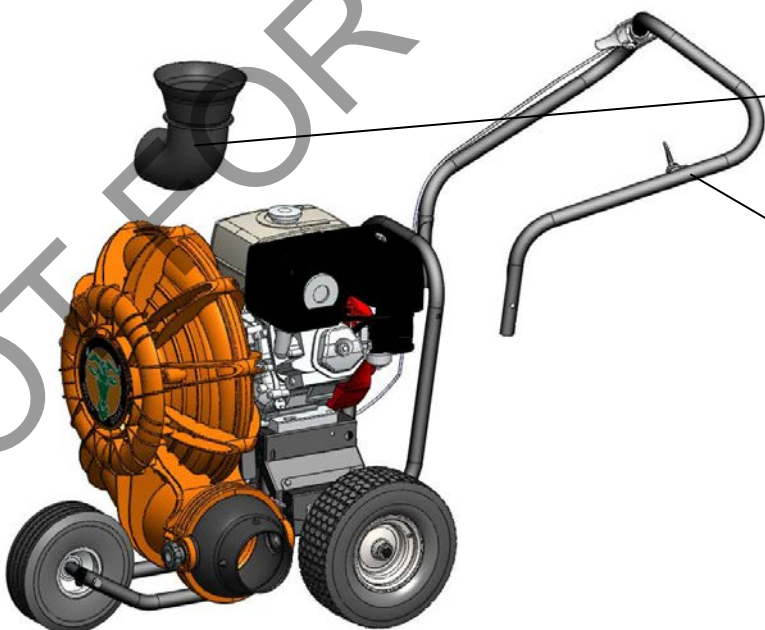
**TAKE CAUTION** when removing the unit from the box the Handle Assembly is attached to the unit by cables.



**PUT OIL IN ENGINE BEFORE STARTING**

#### PARTS BAG & LITERATURE ASSY

Warranty card P/N- 400972, Owner's Manual P/N-440313, General Safety and Warnings Manual P/N-100294, Declaration of Conformity P/N-440022, Handle Hardware-Items #10, #11, #74, #71 and #36



#### Boxing Parts Checklist

- ☐ Front Air Diverter  
(For F902S, F902H, F1302H, F1402S models only)  
Item #38  
F9 MODEL P/N-440045-4  
F13/F14 MODEL P/N-440045-5
- ☐ Handle Upper Assembly  
Item #30 P/N-440035
- ☐ Parts Bag & Literature Assy  
P/N-440266
- ☐ Honda 9 or 13 hp
- ☐ B & S Vanguard 10 or 18 hp



### ASSEMBLY

1. The hardware for attaching the upper handle to the lower is in the parts bag. Install upper handle (item 30), to preassembled lower handle (item 28) by sliding the upper handle over and down the outside of the lower handle. Using the bolts (items #36 and #71), washers (item #10) and lock nut (item #11) to install upper handle to lower handle. **NOTE:** The Pigtail bolt should go on the side that the pull start is on and the open end should be facing down. Finish installing the other side of the upper handle assembly using screw and lock nut provided. (See Fig. 1)
2. The throttle control will be attached to the throttle arm on the engine and wrapped around the engine for shipping. Unwrap and secure throttle control (item #31) to upper handle with screws (item #17). Screws will already be mounted in handle. Simply remove and use to mount the throttle control securing the cable with two Ty-wraps. The Aim-and-Shoot™ is not attached, you will need to unroll the cable and attach the ball end to the lever and seat the cable end into the hole on the saddle clamp, with the cable running through the slot. To keep the cable from being damaged use three ty-wraps (item 74) to secure it to the handle as shown making sure that the cable is not rubbing against the tire. Note: the cable should be seated properly in the saddle and should follow the contours of the handle. (See Fig. 2)
3. Connect spark plug wire.

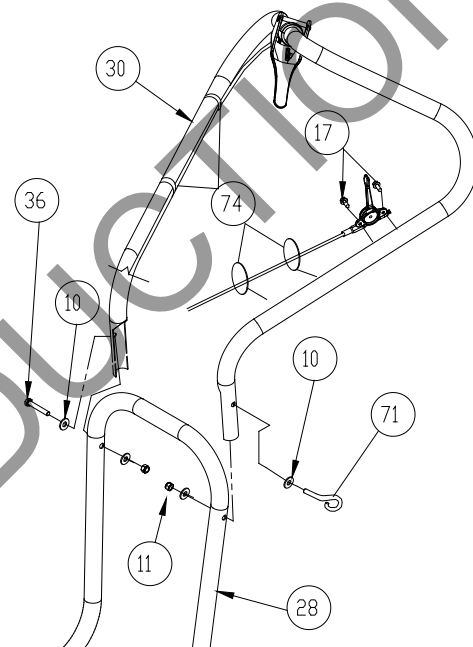


Fig. 1

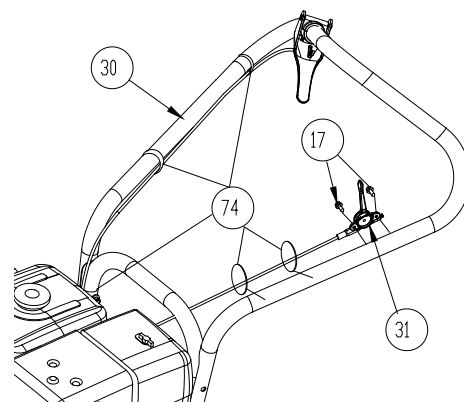


Fig. 2



Good routing



Bad routing





### OPERATION

#### BLOWING OPERATION

Your Billy Goat Force blower is equipped with an air director cone and the patented Aim-N-Shoot™ control lever to allow the operator to direct the air stream up or down as required to assist in moving debris. This feature is extremely useful when debris has piled up to the point that it cannot be blown any farther. The air stream can be directed upward to blow the top of the debris pile over and allow the operator to continue moving more debris farther.

#### ADJUSTING AIR DIRECTOR

To adjust air direction, squeeze the Aim-N-Shoot control lever. When you want to blow debris at the same angle for an extended period, choose a suitable position and use the finger controlled push button lock to lock the cone in position. For operations that do not require the use of the Aim-N-Shoot feature the manual adjustment knob (see Fig. 3) can be used to permanently lock the cone into position. **NOTE:** be sure to release the knob when returning to using the Aim-N-Shoot.

**⚠ DO NOT** position director cone to where it will blow debris towards people, vehicles or other objects in vicinity. Flying debris may damage, harm, or cause injury to people or objects in air flow range.

#### FRONT DIVERTER POSITIONING (F9 and F13 models only)

The removable front diverter adapter can be slipped inside the cone to direct the air stream forward. First turn off engine, and then simply collapse the fold in the larger opening of the diverter and slide inside the cone and allow it to expand. Then position to the desired angle by rotating the diverter. This option is extremely useful for cleaning out long cracks in pavement or for cleaning under bushes, building overhangs or along curbs. (See Fig. 3 and 4)

**⚠ WARNING:** The unit will be more difficult to control due to the air exiting the unit. Keep hands on the unit at all times when using the front diverter. Please note that the Aim-N-Shoot feature will not function when the front diverter is installed.

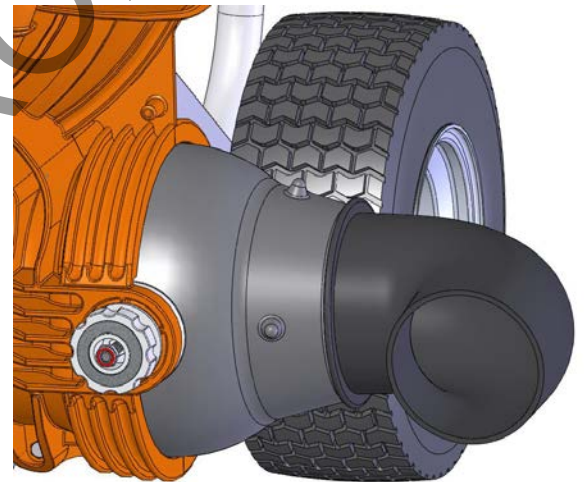
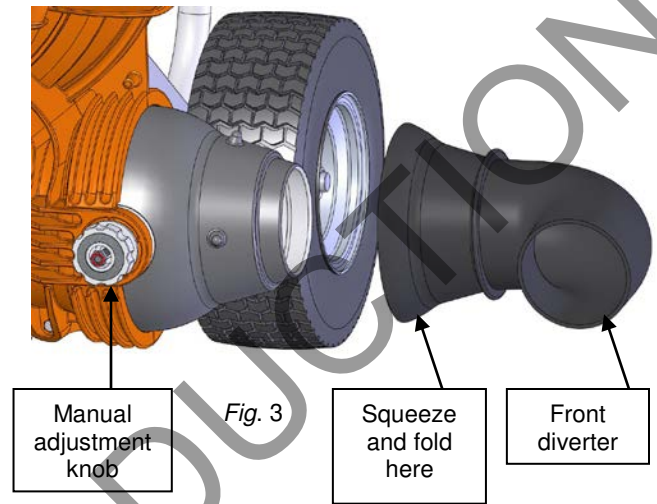


Fig. 4



## FORCEPUSH BLOWER Owner's Manual

### MAINTENANCE

#### PERIODIC MAINTENANCE

Periodic maintenance should be performed at the following intervals:

| Maintenance Operation                 | Every Use | Daily or Every 5 Hours | Every 100-150 Hours |
|---------------------------------------|-----------|------------------------|---------------------|
| Inspect for worn or damaged parts     | •         |                        |                     |
| Check for excessive vibration         |           | •                      |                     |
| Inspect impeller for cracks or damage |           |                        | •                   |
| Inspect for loose parts               |           | •                      |                     |

#### IMPELLER REMOVAL

1. Wait for engine to cool and disconnect spark plug.
2. Remove housing front cover, by removing eleven bolts and nuts (items #13 & #14), around outside of front cover.
3. Remove impeller bolt (item #35), lock washer (item #86) and washer (item #34).
4. DO NOT pry on impeller. Pull on center hub area only of impeller. Using a penetrating oil can help loosen a stuck impeller.
5. Reinstall new impeller in reverse order of removal.
6. Tighten impeller bolt. Torque impeller bolt (see Parts List on page 10 for proper impeller bolt torque specifications).

#### TIRE AIR PRESSURE

Check at regular intervals and maintain.

Front Tires - 24 Psi (165 kPa).

Rear Tires - 20 Psi (137 kPa).

### TROUBLESHOOTING

| Problem                              | Possible Cause                                                                                                                                       | Solution                                                                                                                                                        |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Abnormal vibration                   | Loose or out of balance impeller.<br>Debris in impeller.<br><br>Loose engine.                                                                        | Check impeller and replace if required.<br>Clear debris with compressed air or a backpack blower (see below pictures).*<br>Check engine.                        |
| Engine will not start                | Engine not in full choke position.<br>Out of gasoline or bad, old gasoline.<br>Spark Plug wire disconnected.<br>Gas valve off.<br>Dirty air cleaner. | Check choke position.<br>Check gasoline.<br>Connect spark plug wire.<br>Turn on gas valve.<br>Clean or replace air cleaner. Contact a qualified service person. |
| Engine is locked, will not pull over | Engine problem.                                                                                                                                      | Contact an engine servicing dealer for engine problems.                                                                                                         |
| Aim-N-Shoot™ lever sticking          | Debris stuck around cone.<br>Cone adjustment knob too tight.<br>Adaptor mount nut (item 38) too tight.                                               | Clean debris.<br>Apply silicone based lubricant to pivot points.<br><br>Loosen manual adjustment knob.<br>Loosen nut.                                           |

\*Using compressed air, or a backpack blower, you can loosen or free debris easily from the impeller and housing, which can cause wear and tear on the machine. You can manually remove debris by taking off the front housing. (See Fig. 5 and 6) **NOTE:** Always disconnect the sparkplug when servicing.

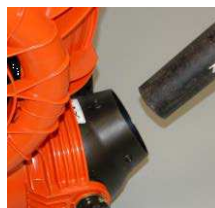


Fig. 5



Fig. 6

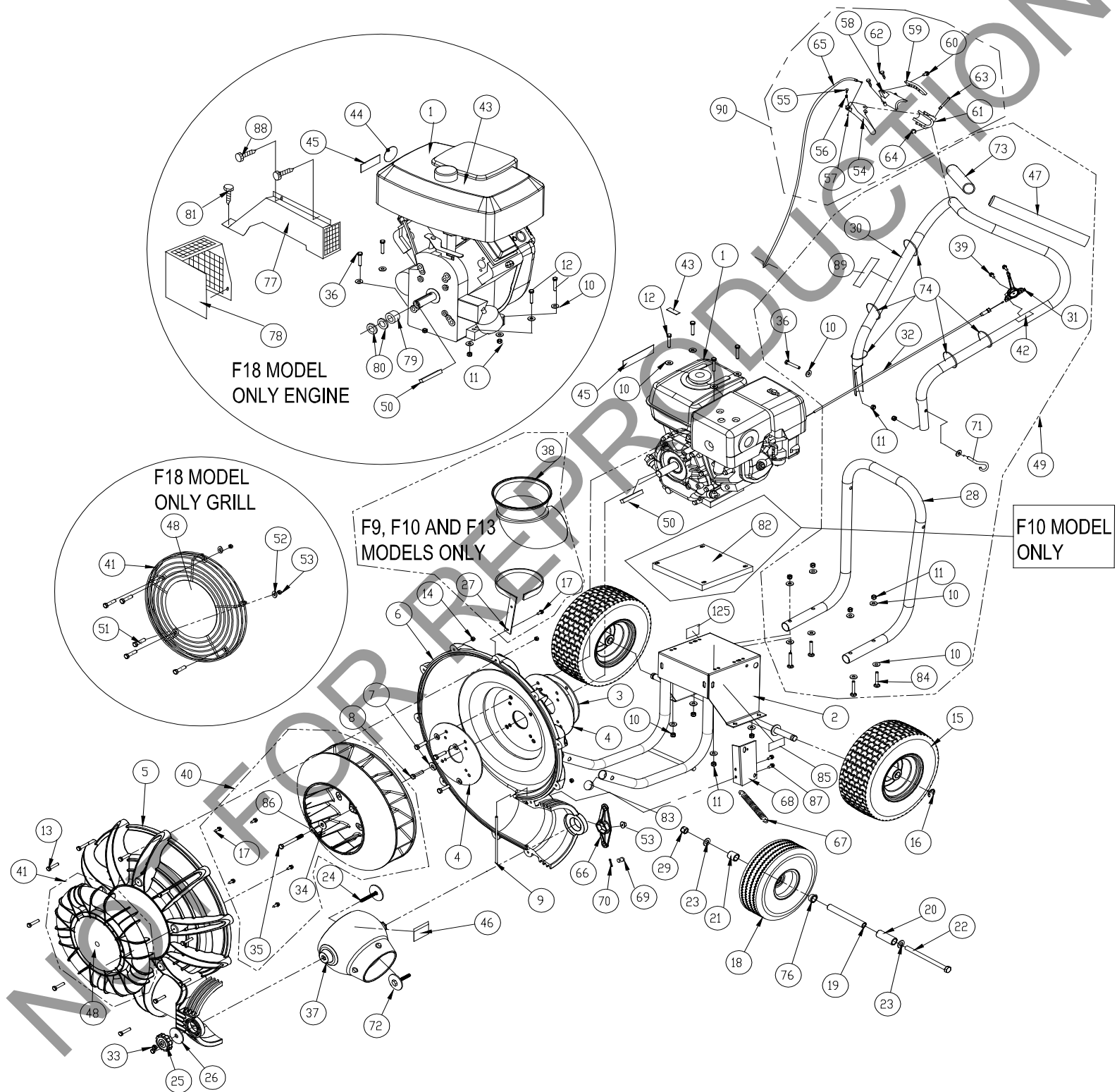
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## FORCEPUSH BLOWER Owner's Manual

### FORCEPUSH PARTS DRAWING





## FORCEPUSH BLOWER Owner's Manual

### FORCEPUSH PARTS LIST

| ITEM NO. | DESCRIPTION                                       | F1302H<br>PART NUMBER | QTY. | F902H<br>PART NUMBER | QTY. | F1002V<br>PART NUMBER | QTY. | F1802V<br>PART NUMBER | QTY. |
|----------|---------------------------------------------------|-----------------------|------|----------------------|------|-----------------------|------|-----------------------|------|
| 1        | ENGINE 13 HP HONDA GX390                          | 440018                | 1    | -                    | -    | -                     | -    | -                     | -    |
|          | ENGINE 9 HP HONDA GX270                           | -                     | -    | 430287               | 1    | -                     | -    | -                     | -    |
|          | ENGINE 10HP VANGUARD                              | -                     | -    | -                    | -    | 440342                | 1    | -                     | -    |
|          | ENGINE 18 VANGUARD                                | -                     | -    | -                    | -    | -                     | -    | 812240                | 1    |
| 2        | BASE ENGINE WA                                    | 440320-S              | 1    | 440320-S             | 1    | 440320-S              | 1    | 440320-S              | 1    |
| 3        | SPACER RING ENGINE                                | 440009                | 1    | 440009               | 1    | 440009                | 1    | -                     | -    |
| 4        | PLATE REINFORCE HOUSING                           | 440010-P              | 2    | 440010-P             | 2    | 440010-P              | 2    | 440010-P              | 1    |
| 5        | HOUSING FRONT MOLDED                              | 440023                | 1    | 440023               | 1    | 440023                | 1    | 440023                | 1    |
| 6        | HOUSING BACK MOLDED                               | 440024                | 1    | 440024               | 1    | 440024                | 1    | 440024                | 1    |
| 7        | WASHER LOCK                                       | 8177012               | 5    | 8177013              | 5    | 8177013               | 5    | 8177013               | 5    |
| 8        | SCREW CAP 3/8-16X1 1/2 ZP                         | 8041052               | 4    | 8041052              | 4    | 8041052               | 4    | -                     | -    |
|          | SCREW CAP 3/8-16X2" ZP                            | -                     | -    | -                    | -    | -                     | -    | 8041054               | 4    |
| 9        | ROD HAND STOP                                     | 440057                | 1    | 440057               | 1    | 440057                | 1    | 440057                | 1    |
| 10       | WASHER 5/16 FLATWASHER Z/P                        | 8171003               | 20   | 8171003              | 20   | 8171003               | 20   | 8171003               | 20   |
| 11       | NYLON INSERT LOCKNUT 5/16-18                      | 8160002               | 10   | 8160002              | 10   | 8160002               | 10   | 8160002               | 10   |
| 12       | SCREWCAP 5/16-18 X 1.75 ZP                        | 8041031               | 4    | 8041031              | 4    | -                     | -    | 8041031               | 2    |
|          | SCREWCAP 5/16"-18 X 2 3/4" GR 5 HCS ZP            | -                     | -    | -                    | -    | 8041034               | 4    | -                     | -    |
| 13       | SCREWCAP 1/4-20 x 1 1/2                           | 8041008               | 11   | 8041008              | 11   | 8041008               | 11   | 8041008               | 11   |
| 14       | NUT FLANGE 1/4-20                                 | 900455                | 11   | 900455               | 11   | 900455                | 11   | 900455                | 11   |
| 15       | WHEEL & TIRE 13" X 5" PNEUMATIC                   | 440054                | 2    | 440054               | 2    | 440054                | 2    | 440054                | 2    |
| 16       | RING RETAINING 3/4                                | 850230                | 2    | 850230               | 2    | 850230                | 2    | 850230                | 2    |
| 17       | SCREW SELF-TAP 5/16 NC X 3/4 HEX                  | 8122082               | 7    | 8122082              | 7    | 8122082               | 7    | -                     | -    |
| 18       | WHEEL ASSY 10" PNEUMATIC                          | 400295                | 1    | 400295               | 1    | 400295                | 1    | 400295                | 1    |
| 19       | SPACER FRONT AXLE                                 | 440220                | 1    | 440220               | 1    | 440220                | 1    | 440220                | 1    |
| 20       | SPACER LH WHEEL FRONT                             | 440224                | 1    | 440224               | 1    | 440224                | 1    | 440224                | 1    |
| 21       | SPACER RH WHEEL FRONT                             | 440221                | 1    | 440221               | 1    | 440221                | 1    | 440221                | 1    |
| 22       | SCREWCAP 1/2-13 x 9 1/2"                          | 8041240               | 1    | 8041240              | 1    | 8041240               | 1    | 8041240               | 1    |
| 23       | WASHER FLAT 1/2" SAE                              | 8172011               | 2    | 8172011              | 2    | 8172011               | 2    | 8172011               | 2    |
| 24       | WASHER W/BOLT WA                                  | 440075                | 1    | 440075               | 1    | 440075                | 1    | 440075                | 1    |
| 25       | KNOB 3/8-16 SOLID HUB                             | 811230                | 1    | 811230               | 1    | 811230                | 1    | 811230                | 1    |
| 26       | WASHER 2.25 OD x .515 ID x .134 ZP                | 610308-P              | 1    | 610308-P             | 1    | 610308-P              | 1    | 610308-P              | 1    |
| 27       | BRACKET HOLDER WA                                 | 440240                | 1    | 440240               | 1    | 440240                | 1    | -                     | -    |
| 28       | HANDLE LOWER                                      | 440034                | 1    | 440034               | 1    | 440034                | 1    | 440034                | 1    |
| 29       | NYLON INSERT LOCKNUT 1/2-13                       | 8160005               | 1    | 8160005              | 1    | 8160005               | 1    | 8160005               | 1    |
| 30       | HANDLE UPPER                                      | 440035                | 1    | 440035               | 1    | 440035                | 1    | 440035                | 1    |
| 31       | CONTROL THROTTLE                                  | 440013                | 1    | 440013               | 1    | 440013                | 1    | 440013                | 1    |
| 32       | CABLE THROTTLE CONTROL                            | 440014                | 1    | 440014               | 1    | 440014                | 1    | 440178                | 1    |
| 33       | NUT LOCK 3/8-16 LT WT THIN ZP                     | 8161042               | 1    | 8161042              | 1    | 8161042               | 1    | 8161042               | 1    |
| 34       | WASHER 1.5 O.D. X 0.45 I.D. X 0.5                 | 440176                | 1    | 440176               | 1    | 440176                | 1    | 440176                | 1    |
| 35       | SCREWCAP 3/8-24 X 2 3/4" GR. 8 (38 +/-2 ft-lbs.)  | 790167                | 1    | -                    | -    | -                     | -    | -                     | -    |
|          | SCREWCAP 7/16-20 X 2 3/4" GR. 8 (60 +/-2 ft-lbs.) | -                     | -    | 440285               | 1    | 440285                | 1    | -                     | -    |
|          | SCREWCAP 3/8-24 X 4 GR. 8 (38 +/-2 ft-lbs.)       | -                     | -    | -                    | -    | -                     | -    | 8042062               | 1    |
| 36       | SCREWCAP 5/16"-18 X 2" ZP                         | 8041032               | 1    | 8041032              | 1    | 8041032               | 1    | 8041032               | 2    |
| 37       | DIRECTOR CONE 5"                                  | 440044-S              | 1    | -                    | -    | -                     | -    | -                     | -    |
|          | DIRECTOR CONE 4"                                  | -                     | -    | 440046-S             | 1    | 440046-S              | 1    | -                     | -    |
|          | DIRECTOR CONE 6"                                  | -                     | -    | -                    | -    | -                     | -    | 440170-S              | 1    |
| 38       | DIVERTOR FRONT                                    | 440045-5              | 1    | 440045-4             | 1    | 440045-4              | 1    | -                     | -    |
| 39       | SCREW SM #10-24X1/2" DRILL POINT                  | 8122064               | 2    | 8122064              | 2    | 8122064               | 2    | 8122064               | 2    |
| 40       | IMPELLER ASSEMBLY 17"                             | 440236                | 1    | 440236               | 1    | 440236                | 1    | -                     | -    |
|          | IMPELLER SERVICE ASSY FORCE 18HP                  | -                     | -    | -                    | -    | -                     | -    | 440162                | 1    |
| 41       | GRILL FRONT BLOWER                                | 440067-1-S            | 1    | 440067-1-S           | 1    | 440067-1-S            | 1    | 440171-S              | 1    |
| 42       | LABEL THROTTLE CONTROL                            | 810656                | 1    | 810656               | 1    | 810656                | 1    | 810656                | 1    |
| 43       | LABEL FUEL EN/SP                                  | -                     | -    | -                    | -    | 100261                | 1    | 100261                | 1    |
| 45       | LABEL SAFETY PROTECT READ MANUAL                  | 100346                | 1    | 100346               | 1    | 100346                | 1    | 100346                | 1    |
| 46       | LABEL DANGER FLYING DEBRIS                        | 810736                | 1    | 810736               | 1    | 810736                | 1    | 810736                | 1    |
| 47       | GRIP 1-1/4" ID x 13"                              | 440012                | 1    | 440012               | 1    | 440012                | 1    | 440012                | 1    |
| 48       | LABEL FORCE                                       | 440268                | 1    | 440268               | 1    | 440268                | 1    | 440268                | 1    |
| 49       | HANDLE ASSY UPPER                                 | 440104                | 1    | 440104               | 1    | 440104                | 1    | 440104                | 1    |
| 50       | KEY 1/4" SQ x 3.25                                | 9201128               | 1    | 9201128              | 1    | 9201128               | 1    | -                     | -    |
|          | KEY 1/4" SQ x 2.75                                | -                     | -    | -                    | -    | -                     | -    | 9201130               | 1    |
| 51       | SCREWCAP 1/4-20 X 1"                              | -                     | -    | -                    | -    | -                     | -    | 8041006               | 7    |
| 52       | WASHER FLAT 1/4                                   | -                     | -    | -                    | -    | -                     | -    | 8171002               | 5    |
| 53       | NUT LOCK 1/4"-20 HEX ZP                           | 8160001               | 1    | 8160001              | 1    | 8160001               | 1    | 8160001               | 1    |
| 54       | HANDLE DIVERTER FORCE                             | 440119                | 1    | 440119               | 1    | 440119                | 1    | 440119                | 1    |
| 55       | PIN LATCH DIVERTER                                | 440118                | 1    | 440118               | 1    | 440118                | 1    | 440118                | 1    |
| 56       | SPRING COMPRESSION 0.281 X 0.88                   | 440129                | 1    | 440129               | 1    | 440129                | 1    | 440129                | 1    |
| 57       | RING RETAINING .122 DIA                           | 440125                | 1    | 440125               | 1    | 440125                | 1    | 440125                | 1    |
| 58       | SADDLE LOWER DIVERTER                             | 440115                | 1    | 440115               | 1    | 440115                | 1    | 440115                | 1    |
| 59       | PLATE LOCK DIVERTER                               | 440116                | 1    | 440116               | 1    | 440116                | 1    | 440116                | 1    |
| 60       | SCREW PLASTITE #6-19 X 5/8"                       | 440126                | 1    | 440126               | 1    | 440126                | 1    | 440126                | 1    |



## FORCE PUSH BLOWER Owner's Manual

| ITEM NO. | DESCRIPTION                          | F1302H      |      | F901H       |      | F1002V      |      | F1801V      |      |
|----------|--------------------------------------|-------------|------|-------------|------|-------------|------|-------------|------|
|          |                                      | PART NUMBER | QTY. | PART NUMBER | QTY. | PART NUMBER | QTY. | PART NUMBER | QTY. |
| 61       | SADDLE UPPER DIVERTER                | 440114      | 1    | 440114      | 1    | 440114      | 1    | 440114      | 1    |
| 62       | SCREW PLASTITE #10-14 X 1"           | 440132      | 2    | 440132      | 2    | 440132      | 2    | 440132      | 2    |
| 63       | PIN PIVOT DIVERTER CONTROL           | 440123      | 1    | 440123      | 1    | 440123      | 1    | 440123      | 1    |
| 64       | RING RETAINING 5/16                  | 430327      | 1    | 430327      | 1    | 430327      | 1    | 430327      | 1    |
| 65       | CABLE ASSY                           | 440117      | 1    | 440117      | 1    | 440117      | 1    | 440117      | 1    |
| 66       | DIVERTER PIVOT ADAPTOR               | 440121      | 1    | 440121      | 1    | 440121      | 1    | 440121      | 1    |
| 67       | SPRING EXTENSION 0.468 X 5.25        | 440130      | 1    | 440130      | 1    | 440130      | 1    | 440130      | 1    |
| 68       | BRACKET DIVERTER FORCE               | 440212      | 1    | 440212      | 1    | 440212      | 1    | 440212      | 1    |
| 69       | PIN CLEVIS 1/4 X 3/4                 | 440124      | 1    | 440124      | 1    | 440124      | 1    | 440124      | 1    |
| 70       | .051 X 3/4" HITCH PIN CLIP           | 440193      | 1    | 440193      | 1    | 440193      | 1    | 440193      | 1    |
| 71       | EYEBOLT PIGTAIL 5/16"-18 X 1 1/4"    | 440280      | 1    | 440280      | 1    | 440280      | 1    | 440280      | 1    |
| 72       | ADAPTOR MOUNT WA                     | 440122      | 1    | 440122      | 1    | 440122      | 1    | 440122      | 1    |
| 73       | GRIP 1-1/4" ID x 9.5" LONG           | 440146      | 1    | 440146      | 1    | 440146      | 1    | 440146      | 1    |
| 74       | TY-WRAP                              | 900407      | 5    | 900407      | 5    | 900407      | 5    | 900407      | 5    |
| 76       | FORCE WHEEL BEARING .751 ID          | 440055      | 2    | 440055      | 2    | 440055      | 2    | 440055      | 2    |
| 77       | GUARD MANIFOLD                       | -           | -    | -           | -    | -           | -    | 812243      | 1    |
| 78       | GUARD MUFFLER SW                     | -           | -    | -           | -    | -           | -    | 812410      | 1    |
| 79       | SPACER 1" ID X 2" OD X 0.890 TK      | -           | -    | -           | -    | -           | -    | 830112      | 1    |
| 80       | SPACER 1" ID X 2" OD X 0.265 TK      | -           | -    | -           | -    | -           | -    | 830113      | 2    |
| 81       | SCREW SELF TAP 1/4"-20 X 5/8"        | -           | -    | -           | -    | -           | -    | 890359      | 2    |
| 82       | SPACER PLATE WELDMENT                | -           | -    | -           | -    | 440148      | 1    | -           | -    |
| 83       | PLUG                                 | 791056      | 2    | 791056      | 2    | 791056      | 2    | 791056      | 2    |
| 84       | CARRIAGE BOLT 3/8"-16 X 2" ZP        | 8024062     | 4    | 8024062     | 4    | 8024062     | 4    | 8024062     | 4    |
| 85       | SPARK ARRESTOR LABEL                 | 100252      | 1    | 100252      | 1    | 100252      | 1    | 100252      | 1    |
| 86       | WASHER LOCK 3/8 ST MED               | 8177012     | 1    | -           | -    | -           | -    | 8177012     | 1    |
|          | WASHER LOCK 7/16 ST MED              | -           | -    | 8177013     | -    | 8177013     | 1    | -           | -    |
| 87       | SCREW PLASTITE 1/4"-10 X 3/4" HWH ZP | 840082      | 2    | 840082      | 2    | 840082      | 2    | 840082      | 2    |
| 88       | BOLT 1/4"-20 X 1/2" SER FLANGE       | -           | -    | -           | -    | -           | -    | 812381      | 2    |
| 89       | LABEL AIM AND SHOOT                  | 440332      | 1    | 440332      | 1    | 440332      | 1    | 440332      | 1    |



# FORCEPUSH BLOWER 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   | Blower        | el | Κατηγορία  | φουσητήρας     | pl | Kategoria  | dmuchawy     |
| bg | Категория  | вентилатор    | hu | Kategória  | fúvó           | pt | Categoria  | soprador     |
| cs | Kategorie  | dmýchadlo     | hr | Kategorija | puhala         | ro | Categorie  | sufianta     |
| da | Kategori   | blæser        | it | Categoria  | soffiatore     | ru | Категория  | воздуходувка |
| de | Kategorie  | Gebläse       | lt | Kategorija | Ventiliatorius | sl | Kategorija | puhalo       |
| es | Categoría  | soplador      | lv | Kategorija | pūtējs         | sk | Kategória  | dúchadlo     |
| et | Kategooria | Puhur         | nl | Categorie  | blazer         | sv | Kategori   | blåsare      |
| fi | Kategoria  | puhallin      | no | Kategori   | vifte          | tr | Kategori   | Blover       |
| fr | Catégorie  | la soufflante |    |            |                |    |            |              |

|    |                                                                                                                                                                                                                                                                                  |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-mærketat. 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 niistä 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 Κοινοτικής 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 šiame dokumente paminėti produktai atitinka Europos Bendrijos įstatymų reikalavimus ir jie gali būti pažymėti CE ženklu. Šie modeliai atitinka sekancias direktyvas ir standartus.                                                                         |
| lv | Ar šio tiek apstiprināts, ka šajā dokumentā uzskaitījumi 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, spĺňajú 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                                                                               |



# FORCEPUSH BLOWER 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/EU | tr Direktif: 2006/42/EU  |
| 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/paží (2)                      | Váha    |
| da Model   | Garanteret støjniveau                     | Målt støjniveau                      | 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)                | 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 Mudel   | Garanteeritud heliivõimsuse tase          | Mõõdetud heliivõimsuse tase          | Helirõhu tase kasutaja kõrva juures (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 ηχηρής κίνησης           | Μετρηθείσα στάθμη ηχηρής κίνησης     | Στάθμη ηχηρής πίεσης στο αυτί του χειριστή (1)                  | Καθαρή ισχύς κινητήρα       | Χειρσθραστική 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/braccia (2)               | Massa   |
| lt Modelis | Garantuotas triukšmo lygis                | Pamatuotas triukšmo lygis            | Garsio spaudimo lygis įrangos naudotojui (1)                    | Variklio bendras galingumas | Rankenos vibracija (2)                      | Masė    |
| lv Modelis | Garantētais skaņas jaudas līmenis         | Izmērītais skaņas jaudas līmenis     | Skaņas spiediena līmenis pie operatora ausis (1)                | Dzinēja 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 Modell  | Garantert lydstrykenivå                   | Målt lydstrykenivå                   | 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           | Drżenie/ręramienia (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 ладонях/руках (2) | Вес     |
| sl Model   | Zajamčena raven zvočne moči               | Izmerjena raven zvočne moči          | Raven zvočnega tlaka pri uporabi 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 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 Kulakındaki Ses Basınç Seviyesi (1)                  | Makine Net Gücü             | El/Kol Titre şimi (2)                       | Ağırlık |
| F601V      | 103 dB(A)                                 | 102 dB(A)                            | 82 dB(A)                                                        | 4.1 kW                      | 4.51 m/s²                                   | 40.3 kg |
| F601X      | 106 dB(A)                                 | 105 dB(A)                            | 91 dB(A)                                                        | 3.53 kW                     | 7.83 m/s²                                   | 38.0 kg |
| F902H      | 110 dB(A)                                 | 109 dB(A)                            | 89 dB(A)                                                        | 6.6 kW                      | 10.3 m/s²                                   | 64.8 kg |
| F902SPH    | 110 dB(A)                                 | 109 dB(A)                            | 89 dB(A)                                                        | 6.6 kW                      | 10.3 m/s²                                   | 68.9 kg |
| F1002V     | 110 dB(A)                                 | 109 dB(A)                            | 93 dB(A)                                                        | 6.6 kW                      | 11.20 m/s²                                  | 62.6 kg |
| F1002SPV   | 110 dB(A)                                 | 109 dB(A)                            | 93dB(A)                                                         | 6.6 kW                      | 7.72 m/s²                                   | 64 kg   |
| F1302H     | 111 dB(A)                                 | 110 dB(A)                            | 90 dB(A)                                                        | 9.6 kW                      | 7.96 m/s²                                   | 72.6 kg |
| F1302SPH   | 111 dB(A)                                 | 110 dB(A)                            | 90 dB(A)                                                        | 9.6 kW                      | 7.96 m/s²                                   | 75.7 kg |
| F1802V     | 118 dB(A)                                 | 117 dB(A)                            | 97 dB(A)                                                        | 13.4 kW                     | 11.9 m/s²                                   | 81.2 kg |
| F1802SPV   | 118 dB(A)                                 | 117 dB(A)                            | 97 dB(A)                                                        | 13.4 kW                     | 11.9 m/s²                                   | 82.6 kg |



## FORCEPUSH BLOWER Owner's Manual

(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                            |
| da | Fremstillingssted / Indehaver af dokumentationen                     | it | Sede di produzione / Archiviatore di documentazione      | ru | Место производства / Владелец документации                            |
| de | Herstellungsort / Verantwortlicher für die Dokumentation             | lt | Pagaminimo vieta / Dokumentacijos turėtojas              | sl | Kraj izdelave / Hranitelj dokumentacije                               |
| es | Lugar de manufactura / Guardián de documentación                     | lv | Ražošanas vieta / Dokumentācijas glabātājs               | sk | Miesto výroby / Dokumentácia majiteľa                                 |
| et | Valmistamiskoht / Dokumentatsiooni hoidja                            | nl | Productieplaats / Documentatiebeheerder                  | sv | Tillverkningsplats / Dokumentförvaring                                |
| 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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