

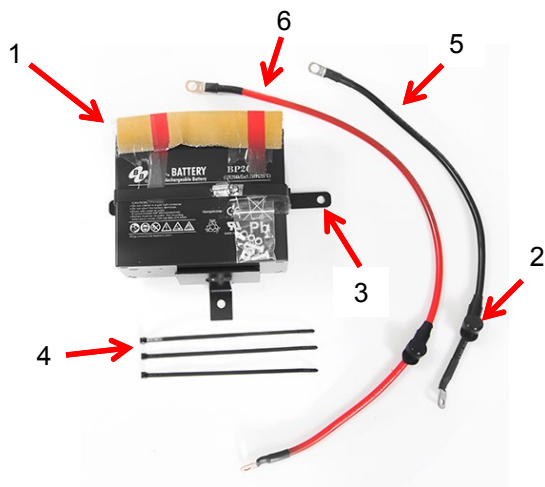
BATKIT-20-P – Battery Kit Portable

Overview:

The **BATKIT-20-P** is an option that provides OEM's and end users with all the battery components required to make power connections to any of the **WATERAX** BB-4®, B2X, and STRIKER portable pumps for utilization of the electric start feature. This document outlines the proper installation method and the components included in this kit.

Parts Breakdown:

The following outlines the components contained for each battery kit:



ID	ITEM NO	DESCRIPTION	QTY
1	700673	PART-764 VRLA SEALED BATTERY 12V 20AH	1
2	700026	RK-1733 PROTECTOR CAP	2
3	600126	A-7645 WELDED BATTERY BRACKET PAINTED	1
4	---	8" TIE WRAPS	3
5	---	6 GAGE GROUND CABLE	1
6	---	6 GAGE +12V POWER CABLE	1

WARNING: Always disconnect the power and follow Lock out/tagged procedures before doing any electrical installation!

A battery can present a risk of electrical shock and high short circuit current. The following precautions should be observed when working with batteries:

- 1. Remove watches, rings or other metal objects.*
- 2. Use tools with insulated handles to prevent inadvertent shorts.*
- 3. Wear rubber gloves and boots.*
- 4. Do not lay tools or metal parts on top of batteries.*
- 5. Determine if the battery is inadvertently grounded. If inadvertently grounded, remove source of ground. Contact with any part of a grounded battery can result in electrical shock. The likelihood of such shock will be reduced if such grounds are removed during installation and maintenance.*
- 6. Verify circuit polarities before making connections.*
- 7. Disconnect charging source and load before connecting or disconnecting terminals.*
- 8. Vented regulated lead-acid (VRLA) batteries can contain an explosive mixture of hydrogen gas. Do not smoke; cause a flame or ark in the immediate area of the batteries. This includes static electricity from the body and other items that may come in contact with the battery.*
- 9. Use proper lifting means when moving batteries and wear all appropriate safety clothing and equipment.*
- 10. Do not dispose of lead acid batteries except through channels in accordance with local, state, and federal regulations.*

THE VRLA BATTERY IS A NO MAINTENANCE SEALED BATTERY

USER INSTRUCTIONS

Installation:

1. If necessary, pump end can be removed for easier access to the drive box.
2. Remove the three lower bolts of the drive box.
3. Align battery bracket with the three drive box holes and fasten to the left and bottom bolts.
4. Fasten the third bolt through the ground wire terminal and over the battery bracket (**Fig 1**).
5. For Briggs & Stratton engines only:
The B&S engine is equipped with a 16 Amp alternator / regulator-rectifier. Connect the extension wire (provided with the pump) to the engine alternator wire. Next, crimp the insulated terminal to the other end of the extension wire (**Fig 2**). Then connect the insulated terminal to the starter solenoid (**Fig.3**).
6. Connect the +12 volt wire (the end with the wider terminal diameter) to the starter solenoid (**Fig 3**).
7. Insert a protector cap on the other end of the +12 volt wire. Connect it to the positive battery terminal with the alternator extension wire terminal (**Fig 4**).
8. Insert the second protector cap on the other end of the ground wire and connect it to the negative battery terminal.
9. Use the cable ties to secure the +12 volt wire and the alternator wire neatly along the pump body. You may use split loom sleeving for increased wire protection.
10. Re-attach the pump-end if it was initially removed.



Figure 1

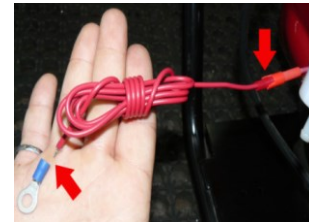


Figure 2

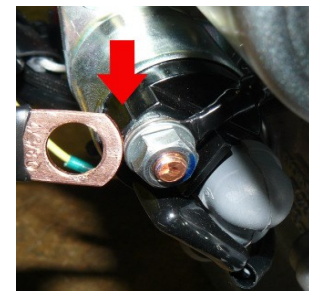


Figure 3



Figure 4

Warranty, Service and Support:

Product and service documentation such as tech notes, data sheets, manuals and information on the limited warranty provided on products manufactured by WATERAX can be found on our Web site at: www.waterax.com.

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