



# Battery Extractor Swing Gates

Models Affected: All BE-SL, DS & TS machines

**Tech Tip**  
**TT-929**

## Description:

All current Operator Aboard Battery Extractor (BE) models utilize an inward swinging operator gate as opposed to the previous drop gate style. The updated swing gate utilizes a roller switch in lieu of the push button switch to prevent machine operation without the gate being in the closed position. The swing gate also features a spring hinge and self-engaging latch, which ensures the gate closes once the operator has boarded the machine, and remains closed during travel and extractor operation.



Old style - "Drop gate"

## Repair:

BHS offers a retro fit kit to update older BE units to a swinging gate. The kit replaces the existing drop gate, though the existing push button switch remains utilized. For information on this and all of our available parts kits, please visit [BHS1.COM](https://na.bhs1.com). Parts kit information can be found in <https://na.bhs1.com/media-library/technical-literature/parts-kits/>



**TECHNICAL SUPPORT DEPARTMENT**  
1.877.BHS.4YOU M - F 8:00 a.m. - 5:00 p.m. CT  
(1.877.247.4968) BHS1.com

## BE-TS SWING GATE RETRO FIT KIT P/N: 80312013



AS SHIPPED



AS INSTALLED

QTY	PART#	DESCRIPTION
1	43815027	BE-TS RETRO FIT SWING GATE
1	43017064-2	LATCH-GATE
1	1481A11	HINGE SPRING
9	1412FSW	BOLT-SELF TAP "F"-1/4-20 X 3/4"
1	HW0030	BOLT-HHCS-3/8-16 X 2 1/4"
2	HW0108	WASHER-FLAT-3/8"-SAE
1	HW0031	NUT-HEX-CENTERLOCK-3/8-16
2	HW1093	CABLE CLAMP-3/4"
2	HW1094	SCREW-HHSDS-#10 X 3/4"
3	E0602-1	TIE WRAP-8"
2	E1045	IN-LINE SPLICE
6*	E0905-1	HEAT SHRINK
1	05018007	SHIM-1/4"
1	80312013-i	INSTALLATION INSTRUCTIONS

For more information call: **1.877.BHS.4YOU**  
(Outside the U.S. +1 314 890 0953)

