# **SAWMILL ACCESSORY**

## HM126 and HM130 Sawmills without Electric Start

Follow the instructions in this manual prior to installing Power Head 80



## **BATTERY MOUNT KIT: PH80**

0011983-M-EN: Rev A Publication Date: 23-Dec-2024





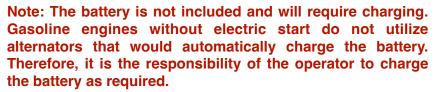
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## **COMPATIBILTY**

The battery mount kit is intended for owners of HM126 sawmills and HM130 sawmills *without* electric start who purchased a Power Head kit to raise and lower the sawhead.



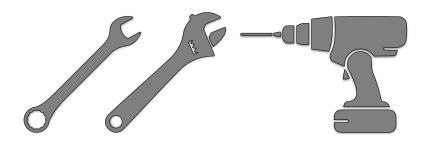


Sawmill Model	Model Years	Battery Mount Compatible?
HM122	All	No
HM126	2015 & Newer	Yes
HM130	2018 & Older	Yes
HM130 w/ Electric Start	2018MCE & Newer	Not Required
HM130MAX	2020 & Newer	Not Required

## **TOOLS REQUIRED**

Collect the necessary tools prior to starting the assembly. Note that not all tools listed below are required to assemble the Power Head. Substitute tools as necessary based on availability.

Tool	Specification / Comments		
Wrench / Ratchet	10, 16, 17, 18 mm		
Adjustable Wrench	Variable		
Drill	For 2019 and older sawmills		





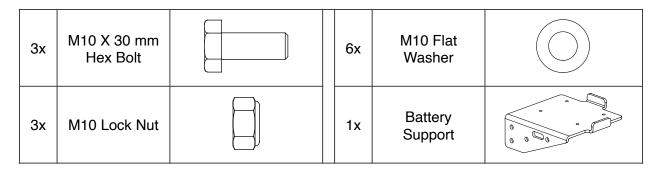
## **ASSEMBLY**

#### 1. BATTERY MOUNT

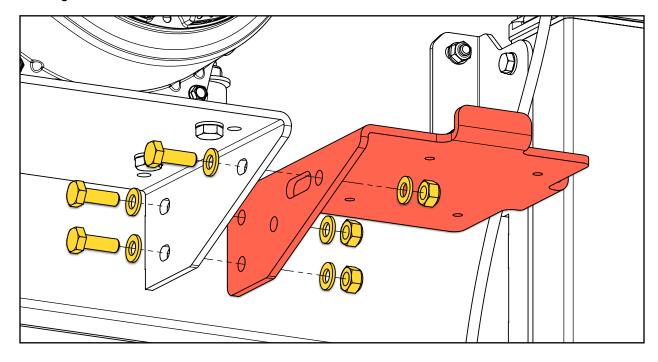
The Battery Mount Kit includes a battery mount and battery box that will support and house a customer-supplied battery necessary to run the Power Head.

#### 2020 AND NEWER HM126 SAWMILLS

On 2020 and newer HM126 sawmills, assemble the battery mount to the side of the engine mount on the back beam using the components listed below.



Secure the battery mount to the engine mount using three (3) M10 X 30 mm hex bolts, six (6) M10 flat washers, and three (3) M10 lock nuts. Use the three (3) existing holes on the side of the engine mount.



#### **Battery Mount Kit: Power Head 80**

HM126 and HM130 Sawmills

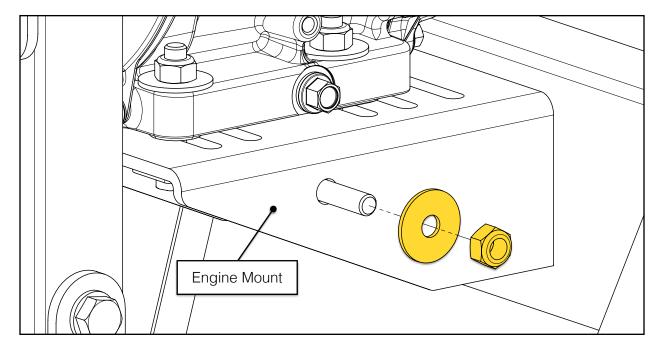


## 2019 AND OLDER HM126 SAWMILLS / HM130 SAWMILLS WITHOUT ELECTRIC START

On 2019 and older HM126 sawmills—and HM130 sawmills *without* electric start—remove the belt tensioner lock nut and washer from the side of the engine mount.

3x	M10 X 30 mm Hex Bolt	1x	M10 Flat Washer ( <b>Thick</b> )	
3x	M10 Lock Nut	1x	Battery Support	
6x	M10 Flat Washer	1x	11 mm Drill Bit	

On 2019 and older HM126 sawmills—and HM130 sawmills *without* electric start—remove the belt tensioner lock nut and washer from the side of the engine mount. Discard the washer as it will be replaced.

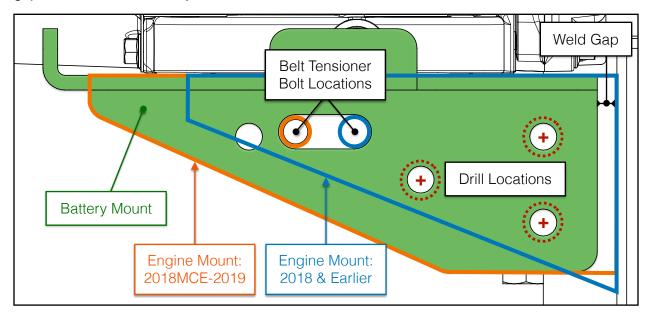


In order to assemble the battery mount to the engine mount, three (3) holes must be drilled in the engine mount to bolt it on.

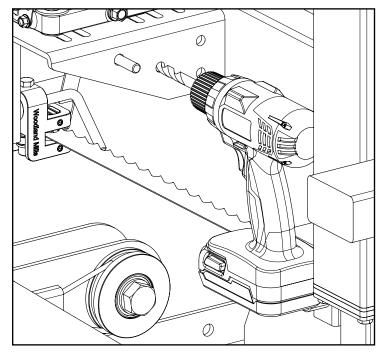


The engine mount varies in size/shape depending on the model year.

Hold the battery mount up against the side of the engine mount, ensuring the belt tensioner bolt protrudes through the slot. The top surfaces of both mounts should be in-line with a noticeable gap at the front to clear any welds.



Mark the three (3) holes in the locations shown above and drill using the 11 mm drill bit.



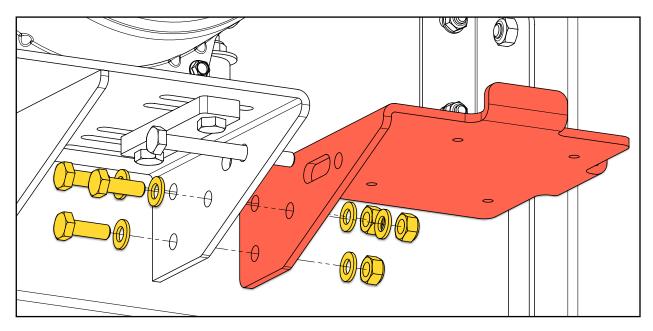


#### **Battery Mount Kit: Power Head 80**

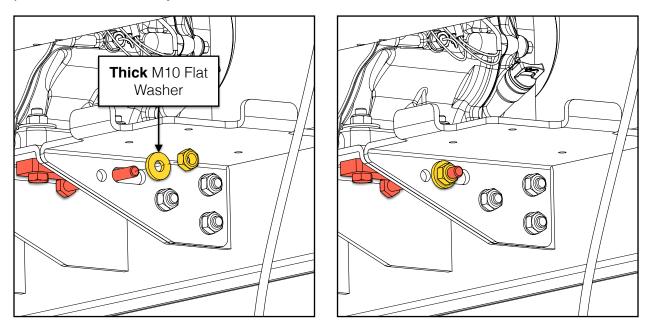
HM126 and HM130 Sawmills



Once the holes are drilled, secure the battery mount to the engine mount using three (3) M10 X 30 mm hex bolts, six (6) M10 flat washers, and three (3) M10 lock nuts.



Replace the washer originally used on the belt tensioner with the thick M10 flat washer that is provided with the battery mount kit.



The belt tension is still adjusted in the same manner as before. Refer to the sawmill manual.

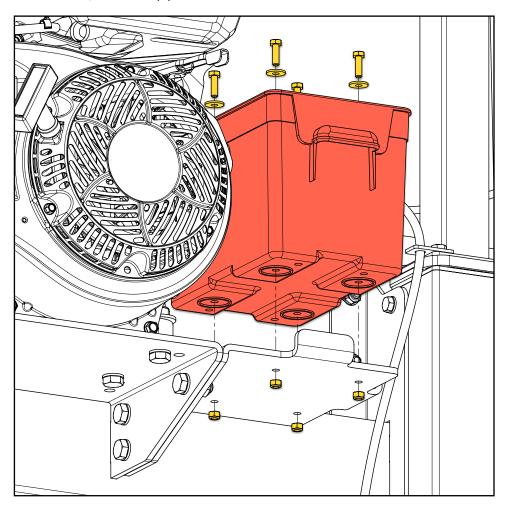


## 2. BATTERY BOX

With the battery mount fully secured to the engine mount on the sawmill back beam, assemble the battery box base to the battery mount using the components listed below.

4x	M6 X 20 mm Hex Bolt	4x	M6 Fender Washer	
4x	M6 Lock Nut	1x	Battery Box Base	

Assemble the battery box base to the battery mount using four (4) M6 X 20 mm hex bolts, four (4) M6 fender washers, and four (4) M6 lock nuts.





#### 3. BATTERY

Note: the battery is not included and will require charging.

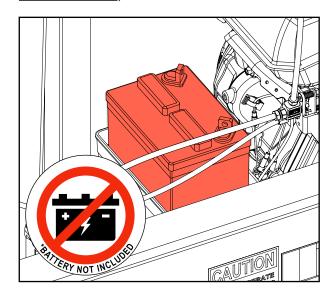
A battery that meets the minimum specifications listed below is recommended and can be purchased locally:

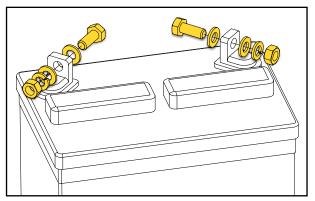
Size	Voltage	Cold Cranking Amps
<b>U1</b> (20 L x 13 W x 18 H cm) (7-% L x 5-% W x 7-% H in)	12 V	250 Min (300+ Recommended)

The hardware listed below is used to the connect the power head connectors to the battery terminals.

2x	M8 X 20 mm Hex Bolt	4x	M8 Flat Washer	
2x	M8 Hex Nut	2x	M8 Split Lock Washer	

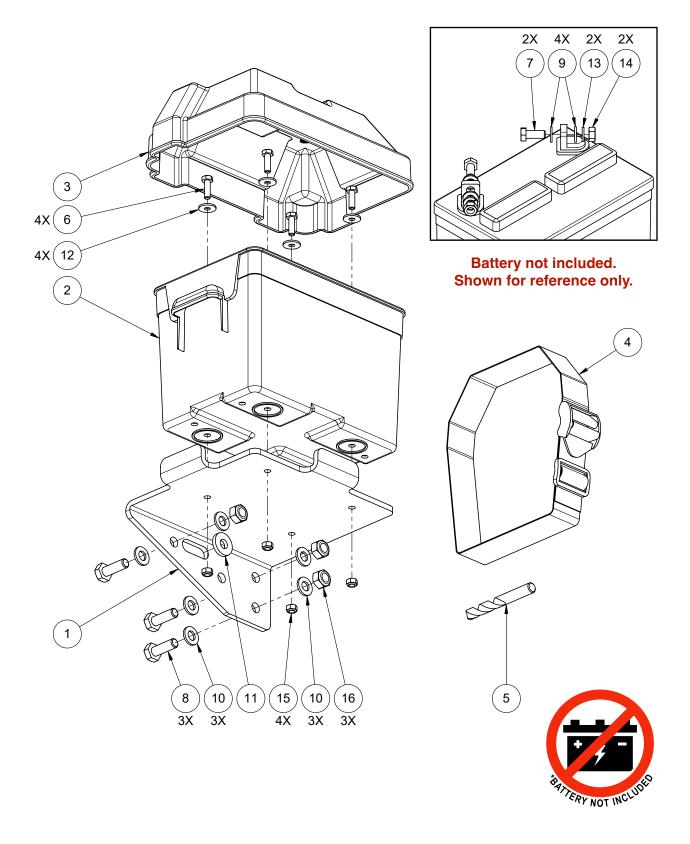
Assemble the hardware to the battery terminals (as shown below) once section, **BATTERY CONNECTION**, in the **POWER HEAD 80** manual is reached.







## **EXPLODED ASSEMBLY VIEW**



# Battery Mount Kit: Power Head 80 HM126 and HM130 Sawmills



## **PARTS LIST**

Item	Qty	Part No.	Description
1	1	0007512	BATTERY SUPPORT, REMOVABLE, PRE-2020
2	1	0005558	BATTERY BOX BASE, U1 BATTERY SIZE
3	1	0005559	BATTERY BOX LID, U1 BATTERY SIZE
4	1	0005734	BATTERY BOX STRAP, 38 mm WD, 1050 mm LG
5	1	0008032	DRILL BIT, 11 mm, SHORT LG
6	4	HHB-MBE075FCJ	HEX HEAD BOLT, CLS 8.8, M6 X 1, 20 mm LG, FULL
7	2	HHB-MBJ075FCJ	HEX HEAD BOLT, CLS 8.8, M8 X 1.25, 20 mm LG, FULL
8	3	HHB-MBM085FCJ	HEX HEAD BOLT, CLS 8.8, M10 X 1.5, 30 mm LG, FULL
9	4	FTW-MBJ000AJ	FLAT WASHER, M8
10	6	FTW-MBM000AJ	FLAT WASHER, M10
11	1	FTW-MBM165AJ	FLAT WASHER, DIN7349, M10, 4 mm THK
12	4	FDW-MBE065000AJ	FENDER WASHER, M6, 18 mm OD
13	2	SLW-MBJAJ	SPLIT LOCK WASHER, M8
14	2	HXN-MBJCH	HEX NUT, CLS 8, M8 X 1.25
15	4	HLN-MBECH	LOCK NUT, CLS 8, M6 X 1
16	3	HLN-MBMCH	LOCK NUT, CLS 8, M10 X 1.5

# Battery Mount Kit: Power Head 80 HM126 and HM130 Sawmills



NOTES			

HM126 and HM130 Sawmills	MILLS

**Battery Mount Kit: Power Head 80** 

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