

# New Style Battery Disconnect



## Changing Battery Disconnect-8608

Part Number	Part Description	Quantity
1030281	SWITCH, BATTERY DISCONNECT, 36V, 2000 AMP/20 SECOND, IP66 IP67, DPST	1
1011224	BRACKET, BATTERY DISCONNECT SWITCH, PAINTED	1
1030535	CABLE, BATTERY, POS, .38 EYE TO .50 EYE, 2/0 AWG, 21"	1
1030536	CABLE, BATTERY, POS, .38 EYE TO .50 EYE, 2/0 AWG, 70"	1
1030005	STRAP, HANGING STANDARD DUTY, 8"	1
1030281-01SRV	TERMINAL, RING, 6GA, 1/2"	1

Locate the kit containing the stated parts.



Open the RH Engine Cover Assembly, and locate the battery disconnect, that is attached to the top back.

Remove the disconnect assembly from the top back.



Remove every connection from the backside of the battery disconnect.

Next, locate the new style battery disconnect and bracket.

Use the following assembly order to attach the new disconnect to the bracket:



- **Assembly Order (Back to Front):**

New Battery Disconnect → New Bracket → Battery Disconnect Indication Plate → Internal Tooth Washer → Jam Nut → Switch → Flat Head Screw

- Be sure when fastened, that the position of the switch, correctly indicates "On" and "Off".



Fasten the battery disconnect, back to its original position.



Next, locate the supplied battery cables, and replace the existing ones in the machine.

- The end of each cable, that contains the 3/8" eyelet, fasten to the starter and battery.

- The end containing the 1/2" eyelets, will be fastened to the backside of the battery disconnect.



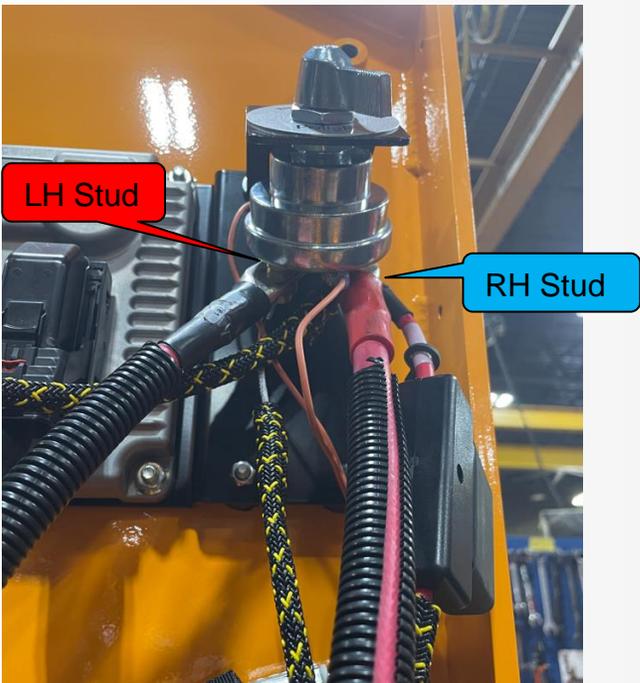
Locate the following cables from the main harness:

- Two orange ISO Cables (C50)

The shorter of the two cables will be mounted on the bottom stud.

The longer cable will be mounted on the top stud.

- Run the cable directly underneath the battery disconnect mount.



Attach the following cables from the main harness and fuse harness, in the given order:

- **RH Stud** = Positive Cable (From engine), Power Cable for the Fuse Box, Battery ISO HOT Side (CS1)
- **LH Stud** = Telemetric Power, Positive Battery Cable (Added)



You will need to change both 6GA terminals for Maxi fuse holder, and fan fuse box to 1/2" rings. Then install heat shrink over 6GA terminals. Telemetrics wire will need 16GA 1/2" ring installed on as well.



Use one of the 8" Velcro Cinch Straps, to securely hold the harness, below the battery disconnect.