

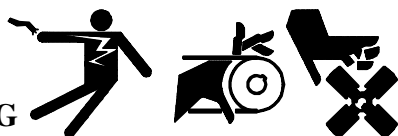


Battery Rack Kit PA-278452 for 7RMY Standby Generator Sets

The battery rack kit is designed to secure the 450 Cold Cranking Amps. (CCA) starting battery on 7RMY standby generator sets. Observe the following safety precautions during kit installation.



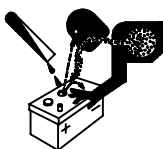
WARNING



Accidental starting can cause death or serious personal injury. Turn Generator Master Switch to OFF position, disconnect power to battery charger, and remove battery cables (remove negative lead first and reconnect it last) to disable generator set before working on any equipment connected to generator. The generator set can be started by automatic transfer switch or remote start/stop switch unless these precautions are followed.



WARNING

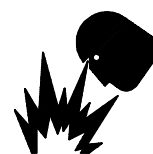


Sulfuric acid in batteries can cause permanent damage to eyes, burn skin, and eat holes in clothing.

Always wear splash-proof safety goggles when working around the battery. If battery electrolyte is splashed in the eyes or on skin, immediately flush the affected area for 15 minutes with large quantities of clean water. In the case of eye contact, seek immediate medical aid. Never add acid to a battery once the battery has been placed in service. Doing so may result in hazardous spattering of electrolyte.



WARNING



Battery gases can cause an explosion.

Do not smoke or permit flame or spark to occur near a battery at any time, particularly when it is being charged. Avoid contacting terminals with tools, etc. to prevent burns and to prevent sparks that could cause an explosion. Remove wristwatch, rings, and any other jewelry before handling battery. Never connect negative (-) battery cable to positive (+) connection terminal of starter solenoid. Do not test battery condition by shorting terminals together or sparks could ignite battery gases or fuel vapors. Any compartment containing batteries must be well ventilated to prevent accumulation of explosive gases. To avoid sparks, do not disturb battery charger connections while battery is being charged and always turn charger off before disconnecting battery connections. When disconnecting battery, remove negative lead first and reconnect it last.

INSTALLATION

1. Move Generator Master Switch to OFF position. Disconnect battery (if equipped), negative lead first.
2. Remove existing battery rack (if equipped) and accompanying hardware.
3. Install new battery rack kit as shown in Figure 1. Do not install hold-down bracket (239786) and overbolts (239783) until step 5.

4. Position starting battery in rack with positive (+) terminal closest to generator end of set.
5. Secure battery with hold-down bracket (239786) and overbolts (239783). Tighten overbolts until battery is secure. Do not overtighten.
6. Reconnect starting battery (negative lead last). Red battery cable from starting relay should connect to battery positive (+) terminal. Black battery cable from frame should connect to battery negative (-) terminal.
7. Move Generator Master Switch to TEST position to check generator set operation. Return Generator Master Switch to normal operating position.

PARTS LISTING

Description	Qty	Part No.
Nut, elastic stop 1/4-20	2	X-101-8
Screw, hex head 5/16-18	2	X-125-3
Washer, split lock 5/16	2	X-21-1
Nut, hex 5/16-18	2	X-82-2
Bolt, over	2	239783
Rack, battery	1	239785
Bracket, hold-down	1	239786

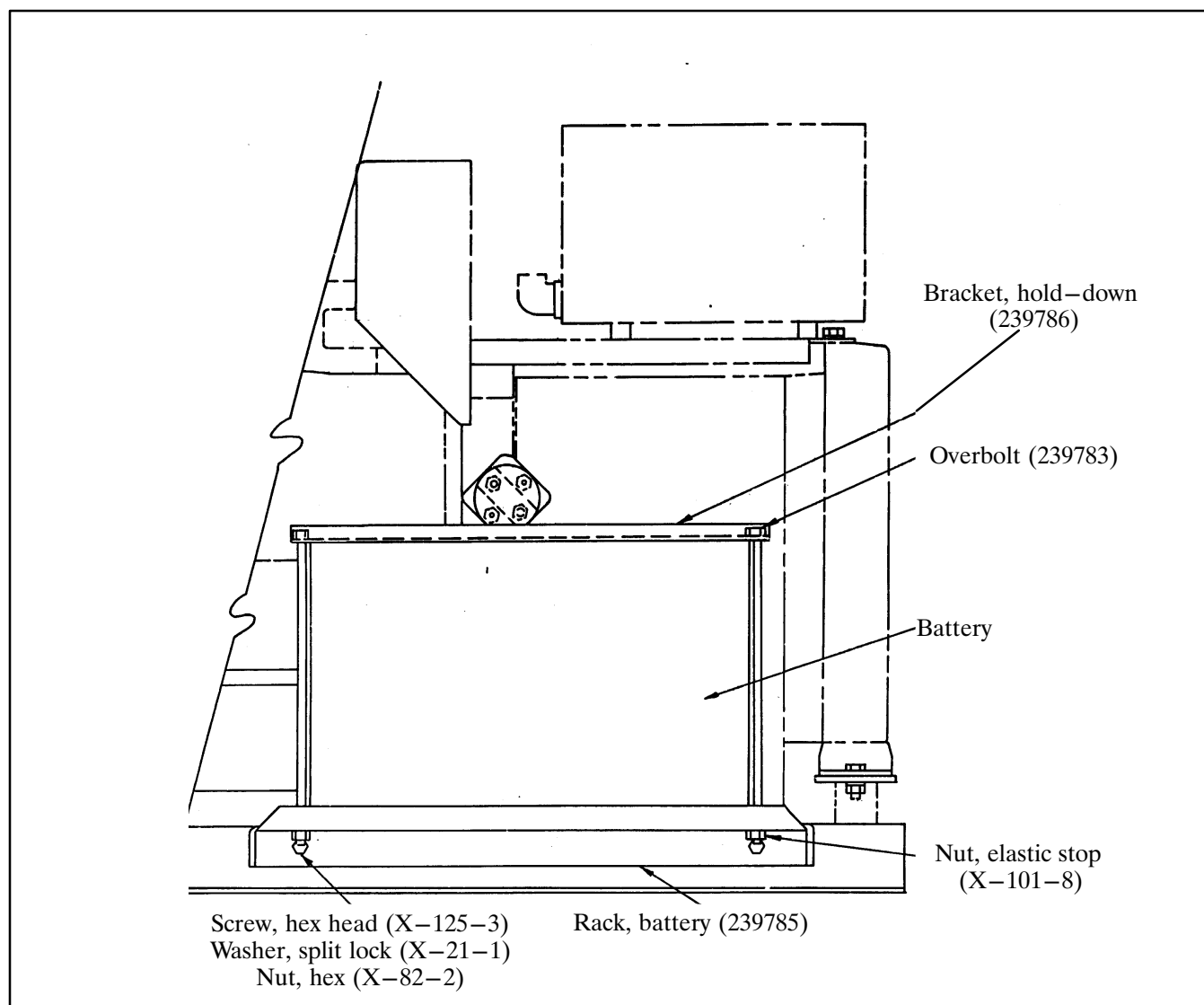


Figure 1. Battery Rack Kit Installation