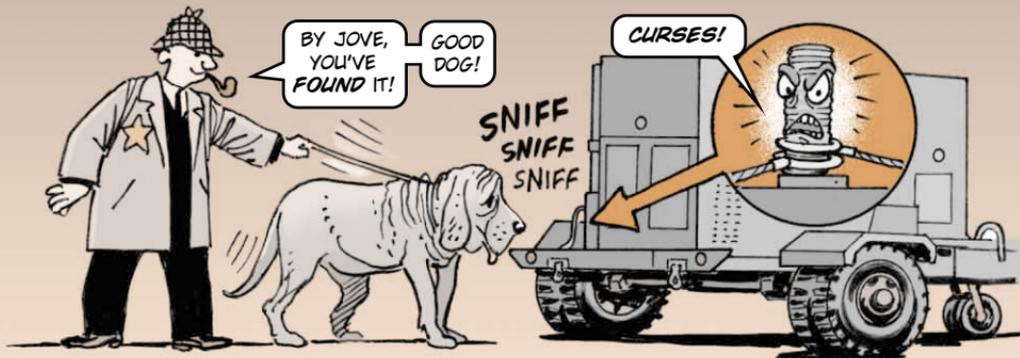


THE POWER PLANT PUZZLE OR WHERE THE HECK IS THE GROUND STUD?



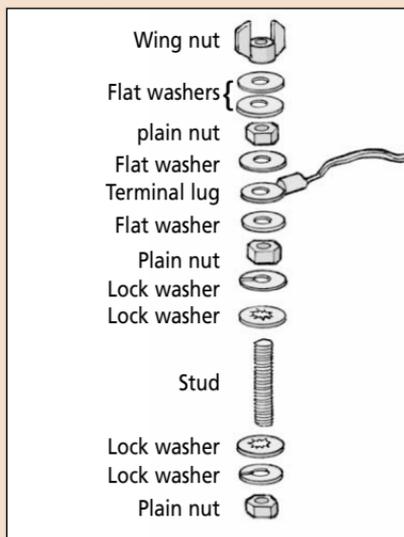
It takes many equipment pieces to make an AN/MJQ-37 or -38 power plant. The 10-KW generators, the switch box, the trailer, and the accessory box all come together to form a power plant and also a large stack of TMs.

Finding an oddball part that falls under its own category can be quite a challenge. That's the case with the trailer grounding stud and its parts.

The stud goes through the trailer fender and lets you ground the generators to the trailer and the trailer to a ground rod.

The stud is tough, but you can bust it or lose its parts. If that happens, here is what you need to get grounded again:

Item	Number needed	NSN
Wing nut	1	5310-01-078-5996
Lock washer	2	5310-00-184-8971
Flat washer	4	5310-00-187-2413
Plain nut	3	5310-00-584-7995
Terminal lug	1	5940-00-113-8190
Lock washer	2	5310-00-022-8847
Stud	1	5307-00-227-1741



The stud goes through the trailer and attaches on the bottom side with one of each kind of lock washer and one of the plain nuts.

On the top side, put on one of each kind of lock washer, one plain nut, one flat washer, the terminal lug, a second flat washer, the last plain nut, two more flat washers and finally, the wing nut.