

PAPR Inspection Procedures

What should I check prior to using my PAPR?

1. Filter Assembly

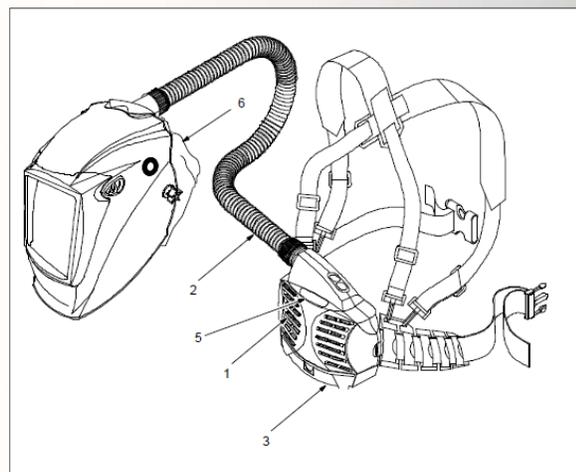
- Place spark guard, pre-filter and HEPA filter inside filter cover
- Slide tabs on the filter cover into brackets on the blower assembly and snap into position

2. Battery Charge

- Slide fully charged battery into blower assembly until battery snaps into position
- To remove, push the battery unlock button down and slide battery out of blower assembly

3. Airflow Level

- Insert flowmeter into rectangular end of breathing tube
- Insert circular end of breathing tube into blower assembly
- Be sure breathing tube is straight and untwisted
- Hold flowmeter straight up and turn blower assembly on
 - 15-30 seconds
- Airflow is adequate if flowmeter ball moves above the MIN mark
- If flowmeter ball is below the MIN mark, do not use the PAPR
Check the following:
 1. Make sure battery is charged
 - More than 1 bar of charge, no alarms sounding
 2. Ensure spark guard is clean, replace if damaged and retest
 3. If airflow is still too low, change pre-filter and retest
 4. If airflow is still too low, change HEPA filter and retest
 5. If airflow is still too low, replace blower unit



4. Airflow Alarms

- Block airflow by placing your hand over the breathing tube until alarm sounds and blower vibrates
 - About 15-20 seconds
- If alarms do not function, go through above troubleshooting steps

5. Breathing Tube

- Inspect breathing tube and breathing tube cover to make sure they are clean and undamaged

6. Head Assembly

- Inspect the helmet and head seal to ensure they are undamaged
- Turn lens on to make sure it is properly darkening
- Check to see that air is being supplied to the head assembly via the breathing tube