



# 3M™ Speedglas™ Welding Helmet 9100MP

To optimize the effective lifespan of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. Replace all damaged parts immediately to help ensure intended degree of protection.



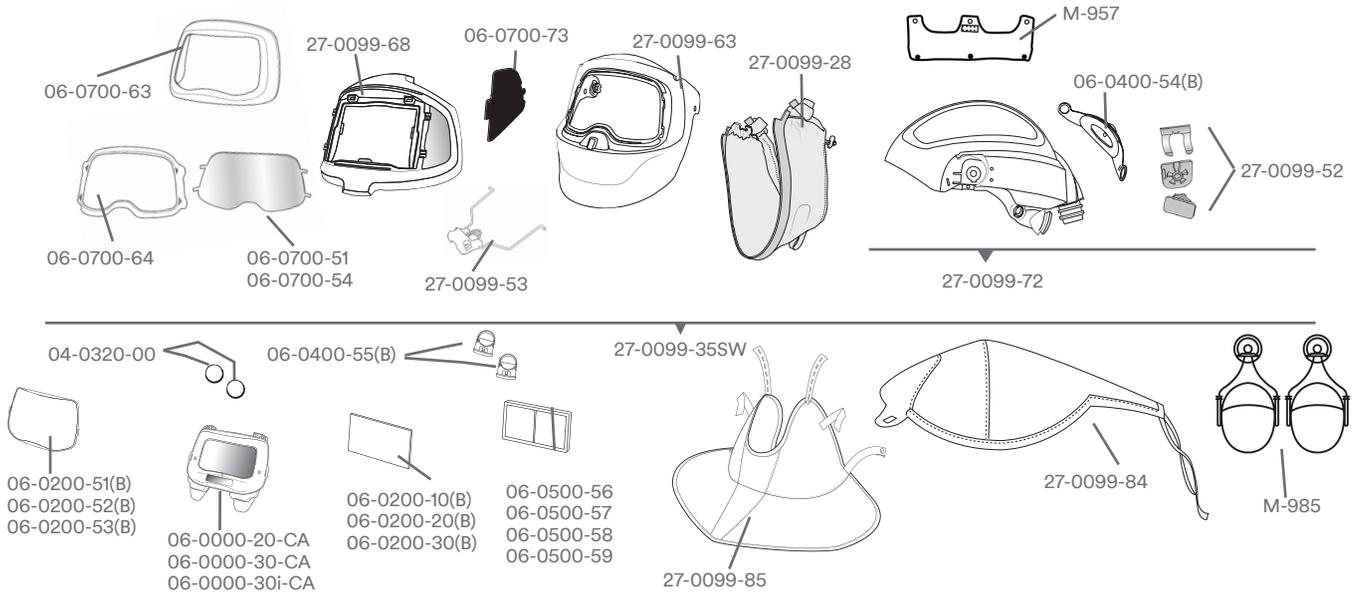
## Before use

- ① **Helmet and headband:** inspect for cracks or any damaged parts. Replace if needed.
- ② **Sweatband:** ensure it is in good condition and clean.
- ③ **Protection plates:** to help provide the best possible vision, they should be clean and without scratches. Replace if needed.
- ④ **Face seal:** if the face seal is damaged, there is a risk that contaminated air will get inside the helmet. Verify it's in place and free from splits and tears.
- ⑤ **Welding filter:** ensure that the low battery indicator is not flashing and check that the sensors are clean and uncovered.
- ⑥ **Breathing tube:** confirm that the tube is undamaged and not leaking any air. To extend the life of the breathing tube, use a tube cover or a heavy-duty breathing tube.

## After use

- ① **Clean the helmet:** wipe with a moist tissue or cloth, both inside and outside the helmet. If you suspect that the inside of the breathing tube is dirty, it must be replaced. **Do not** rinse, immerse in water, or clean with solvents.
- ② **Face seal and sweatband:** remove for additional cleaning as needed and replace if they have splits or tears or whenever they become unhygienic. Respect max wash limits.
- ③ **Protection plates and visor plate:** clean with a soft cloth and replace if any pits or scratches occur.
- ④ **Breathing tube:** replace if damaged, deformed or leaking any air.
- ⑤ **Storage:** store the helmet in a dry, clean area away from direct sunlight, high temperatures and solvents.

## Accessories and consumables



Part No	Description	Part No	Description
M-350	Versaflo™ Replacement Head Suspension (not shown).	06-0400-55-B	Part no 06-0400-55 (bulk), 10/case.
M-957	Versaflo™ Forehead Comfort Pad/Sweat pad, 10/case.	06-0500-56	Magnification plate 1.5x.
M-985	3M™ Peltor™ Earmuff Assembly Kit.	06-0500-57	Magnification plate 2.0x.
04-0320-00	Battery, 2/case.	06-0500-58	Magnification plate 2.5x.
06-0000-20-CA	3M™ Speedglas™ Welding Filter 9100X.	06-0500-59	Magnification plate 3.0x.
06-0000-30-CA	3M™ Speedglas™ Welding Filter 9100XX.	06-0700-51	Wide-view clear grinding visor, standard, 5/case.
06-0000-30i-CA	3M™ Speedglas™ Welding Filter 9100XXi.	06-0700-54	Wide-view clear grinding visor, anti-fog, 5/case.
06-0200-10	Inside protection plate 9100V, 5/case.	06-0700-63	Front panel, chrome.
06-0200-10-B	Part no 06-0200-10 (bulk), 25/case.	06-0700-64	Wide-view clear grinding visor frame, black.
06-0200-20	Inside protection plate 9100X, 5/case.	06-0700-73	Side window cover plates, 2/case.
06-0200-20-B	Part no 06-0200-20 (bulk), 25/case.	27-0099-28	Face seal.
06-0200-30	Inside protection plate 9100XX, 5/case.	27-0099-35SW	9100 MP with hard hat, without welding filter.
06-0200-30-B	Part no 06-0200-30 (bulk), 25/case.	27-0099-52	Pivot kit.
06-0200-51	Outside protection plate standard, 10/case.	27-0099-53	Flip-up mechanism.
06-0200-51-B	Part no 06-0200-51 (bulk), 50/case.	27-0099-63	Inner shield.
06-0200-52	Outside protection plate scratch resistant, 10/case.	27-0099-68	Outer shield.
06-0200-52-B	Part no 06-0200-52 (bulk), 50/case.	27-0099-72	Hard hat includes pivot kit.
06-0200-53	Outside protection plate high temperature, 10/case.	27-0099-84	Radiant heat hard hat cover for 9100 MP helmet.
06-0200-53-B	Part no 06-0200-53 (bulk), 50/case.	27-0099-85	Throat and neck coverage.
06-0400-54	Headband back part.	27-0099-87	Complete Neck Coverage (not shown).
06-0400-54-B	Part no 06-0400-54 (bulk), 5/case.		
06-0400-55	Battery holder 9100, 2/case.		

\* (B) = bulk version available  
B = only available in bulk



**Warning:** Respirators help protect against certain airborne contaminants. Before use, the wearer must read and understand the User Instructions provided as a part of the product packaging. Follow all local regulations. A written respiratory protection program must be implemented meeting all the requirements of OSHA 1910.134 including training, fit testing and medical evaluation. In Canada, CSA standard Z94.4 requirements must be met and/or requirements of the applicable jurisdiction, as appropriate. Misuse may result in sickness or death. For correct use, consult your supervisor and User Instructions, or call 3M Personal Safety Division (PSD) Technical Service in Canada 1-800-267-4414.