

# 3M™ Speedglas™ Welding Helmet 9100 FX Air

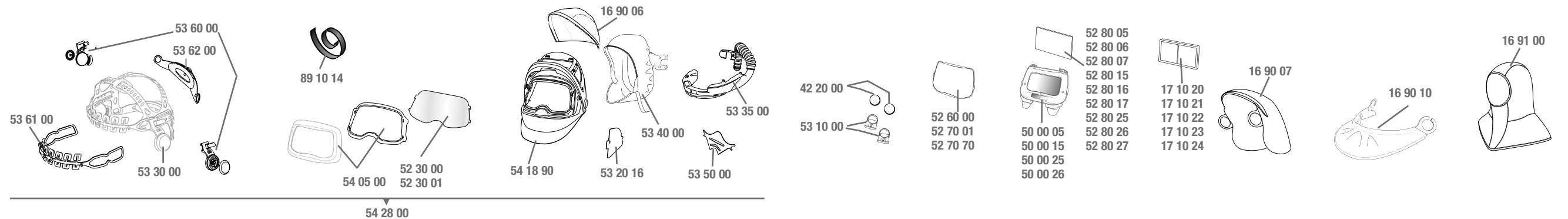
To optimize the effective lifetime of your welding equipment and avoid the additional cost of replacement, regular maintenance is important. Replace all damaged parts immediately to ensure correct levels of protection.

## Before use

- **Helmet and headband.** Inspect for cracks or any damaged or defective parts. Replace if needed.
- **Protection plates and visor.** To provide the best possible vision they should be clean and without scratches.
- **Face seal.** If the face seal is damaged there is a great risk that contaminated air will get inside the helmet. Verify it's in place and free from splits and tears.
- **Welding filter.** Ensure low battery is not flashing and check that the sensors are clean and uncovered.
- **Breathing tube.** Confirm tube is not damaged or leaking any air. To extend the life of breathing tube, use a tube cover or a heavy-duty rubber tube.

## After use

- **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 changed. DO NOT rinse, immerse in water or clean with solvents.
- **Face seal and sweatband.** Remove for additional cleaning as needed and replace if they are deeply pitted or whenever they become unhygienic.
- **Protection plates and visor plate.** Clean with a soft cloth and replace if any pits or scratches occur.
- **Breathing tube.** Replace if damaged, deformed or leaking any air.
- **Storage.** Store the helmet in a dry, clean area away from direct sunlight, high temperatures and solvents.



Part No	Description	Part No	Description	Part No	Description	Part No	Description	Part No	Description		
16 90 06	Head protection, (small).	42 20 00	Battery, pkg of 2.	52 30 00	Visor plate, standard, pkg of 5.	52 80 15	Inner cover plate for 9100X filter, pkg of 5. Plate marking 117x61.	53 20 16	SideWindows cover plate, 2 pairs.		
16 90 07	Head protection, (large).	50 00 05	Speedglas welding filter 9100V.	52 30 01	Visor plate, anti-fog, pkg of 5.	52 80 16	Inner cover plate, +1 shade for 9100X filter, pkg of 3.	53 30 00	Speedglas headband 9100, with assembly parts.		
16 90 10	Neck protection, black.	50 00 15	Speedglas welding filter 9100X.	52 60 00	Outer protection plate, standard, pkg of 10.	52 80 17	Inner cover plate, +2 shade for 9100X filter, pkg of 3.	53 35 00	Air duct.		
16 91 00	Hood, black/grey.	50 00 25	Speedglas welding filter 9100XX.	52 70 01	Outer protection plate extra scratch resistant, pkg of 10.	52 80 25	Inner cover plate for 9100XX filter, pkg of 5. Plate marking 117x77.	53 40 00	Face seal.		
17 10 20	Magnifying lens 1.0.	50 00 26	Speedglas welding filter 9100XXI.	52 80 05	Inner cover plate for 9100V filter, pkg of 5. Plate marking 117x50.	52 80 26	Inner cover plate, +1 shade for 9100XX filter, pkg of 3.	53 50 00	Air deflector.		
17 10 21	Magnifying lens 1.5.			52 80 06	Inner cover plate, +1 shade for 9100V filters, pkg of 3.	52 80 27	Inner cover plate, +2 shade for 9100XX filter, pkg of 3.	53 60 00	Pivot mechanism, left and right.		
17 10 22	Magnifying lens 2.0.			52 80 07	Inner cover plate, +2 shade for 9100V filters, pkg of 3.	53 10 00	Battery holder, pkg of 2.	53 61 00	Headband, front part.		
17 10 23	Magnifying lens 2.5.							53 62 00	Headband, back part.		
17 10 24	Magnifying lens 3.0.							54 05 00	Front cover kit.		
									54 18 90	Speedglas welding helmet 9100 FX Air, without filter, without face seal, without air duct, without headband.	
										54 28 00	Speedglas welding helmet 9100 FX Air, without welding filter, with headband.
										89 10 14	Hook & loop for Head cover, pkg of 2.
										89 10 15	Service kit (all Hook & loop for helmet) - not illustrated.



[www.speedglas.com](http://www.speedglas.com)



Scan this QR-code to see videos and learn more about care and maintenance of your Speedglas welding helmet

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### Further information and advice

To request a quote or place an order for spare parts, please contact your 3M approved distributor. Please note that higher than normal levels of pollutants, heat and sparks will require more frequent replacement of components. If you require additional guidance, please check the care and maintenance videos on our YouTube Channel (3M Speedglas) or contact your local 3M representative.