

FM *FAST METAL*

***Speed Demon
Pioneer
Shifter
and their Hybrid Versions***



HIGH PERFORMANCE PROTECTIVE EYEWEAR



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Thank you for your purchase of the Fast Metal Speed Demon, Pioneer or Shifter eyewear protection system. This manual covers three of our American-Made models: Speed Demon, Pioneer, Shifter, and their hybrid variants.

These lifestyle products provide many options to interchange lenses within seconds and the ability to replace them when needed. They were designed for people with active lifestyles who engage in motorcycle riding, sky diving, military, law enforcement and other fast moving activities done while wearing eyewear. These high performance glasses exceed ANSI-Z87.1-2015 for impact resistance and optical clarity. With proper maintenance and care these models will deliver performance and protection in harsh conditions. Furthermore, these models offer optional foam inserts that help keep wind and dust from entering the eye socket.

Fast Metal brings 25 years of experience and knowledge into developing a newer concept of the aluminum sunglass frame interchangeable lens system. This system was developed by Fast Metal's founder, Ken Wilson, also known as the Originator of aluminum eyewear. Ken is the pioneer of the aluminum eyewear market who invented and patented the first ever 27 step procedure to manufacture aluminum sunglass frames in the USA back in 1995.

EYEWEAR COMPONENTS



*The Pioneer model is designed for smaller faces.
The Speed Demon and Shifter models fit larger faces.*

Speed Demon and Pioneer, or Shifter frames with interchangeable lenses (Speed Demon model shown)



Scan the code below
to go to our Lens Page



Microfiber Pouch

LENS REPLACEMENT

WARNING:

Lenses can only be changed using these instructions for the Speed Demon, Pioneer, or Shifter models. Other models made by Fast Metal may not offer the same technique.

LENS REMOVAL

1. Place index finger of one hand onto the bridge of the frame and place the thumb of same hand on top of the frame as shown.



Scan the code below to see
our Lens Replacement Video



2. Flex nose bridge with index finger towards you while pushing the inside edge of the lens out with the thumb as shown.



3. Using your thumb, push the lens out of its groove from the back.



LENS REPLACEMENT

(CONTINUED)

LENS INSTALLATION

- 1.** Hold frame and lens as shown and trail outside edge of the lens into the lens groove, pushing all the way to the back edge firm.

**Scan the code below to see
our Lens Replacement Video**



2. Use your thumbs to apply pressure around the outside edge of the lens until you hear it pop into groove. Make sure the lens is pressed in the back leaving no slack.



3. Work your way around the edges until all four corners of the lens are firmly snapped into the frame.

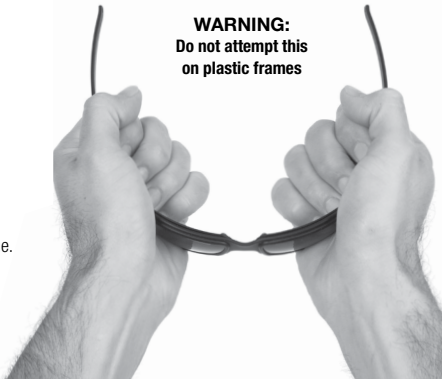


FIT ADJUSTMENT

FRAME ADJUSTMENT

If your Fast Metal glasses feel too tight around your ears, your primary adjustment should be to the front frame. Hold the frame in both hands and carefully flex the frame outward gently. Make a number of small adjustments checking the fit each time to see if the desired fit has been achieved. Use Caution: Bending the frames too much or too quickly can result in dislodging of the lenses or distortion of the frame.

**Scan the code to see our
Frame Adjustment Video**



WARNING:
Do not attempt this
on plastic frames

TEMPLE ADJUSTMENT

If needed, a second adjustment can be made to the narrow end of the eyewear temples. Gently grasp each side temple with one hand and make slight adjustments, checking for desired fit and comfort each time. Make similar adjustments to each side to preserve symmetry.

Scan the code to see our
Frame Adjustment Video



CARE & MAINTENANCE

Fast Metal Speed Demon, Pioneer, and Shifter models come with a specially-woven Microfiber pouch for cleaning and storing. Using the soft bag will help preserve the superior optical quality of your Fast Metal lenses. Hand wash and air dry the bag regularly.

When not in use, always carry your eyewear in the provided bag or other sturdy eyewear case. To keep them in shape, use both hands to take them off and avoid putting them face down on a surface, as scratches can impede the performance or ruin your lenses.

To avoid scratches, never wipe the lenses when they are dry (there may be dust or particles). Always use a microfiber cloth. Never use paper towels or other rough materials.

Check your Fast Metal Speed Demon, Pioneer, or Shifter protective eyewear regularly to make sure the screws are tight. If you find one that is loose, tighten it gently with a small optical screwdriver. A 2.0mm screwdriver is recommended. Also, if your hinges are binding, use a little oil on the barrels to free them.

LIMITED WARRANTY

Fast Metal warrants the Speed Demon, Pioneer, and Shifter models up to 1 year from date of purchase for workmanship and defects. This warranty does not cover scratched lenses. Fast Metal does not warranty scratched lenses or damage resulting from improper care or excessive size adjustments. If you believe your product has a defective lens, notify us immediately for options on how to repair or replace. If you have issues with your frame, contact us for warranty repairs and service. If your frame is accidentally broken and not covered as a defect, we will offer you a minimum charge to repair or replace your product. We reserve the right to determine in our sole discretion if a product has been mishandled or abused. However, you will not be turned away without Fast Metal offering a solution to replace or repair your glasses for a minimum cost. Our intention is to keep you happy and keep you as a customer. Customer satisfaction is our number one goal.

EXCEPT WHERE PROHIBITED BY LAW, THE WARRANTY DESCRIBED ABOVE CONSTITUTES THE SOLE WARRANTY MADE BY FAST METAL LLC EITHER EXPRESS OR IMPLIED. THERE ARE NO OTHER EXPRESS OR IMPLIED WARRANTIES THAT EXTEND BEYOND THOSE OUTLINED HEREIN, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL FAST METAL LLC BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR SPECIAL DAMAGE EVEN IF ADVISED OF THE POTENTIAL FOR SUCH DAMAGES, AND THE USER, ITS AGENTS, EMPLOYEES, OR CUSTOMERS REMEDIES SHALL BE LIMITED SOLELY TO THE REPAIR OF REPLACEMENT OF THE NONCONFORMING UNITS OR PARTS, WHICH AMOUNT SHALL NOT EXCEED THE TOTAL PURCHASE PRICE OF THE PRODUCT UNDER WARRANTY.

Any tampering, misuse or negligence in handling or use of the product renders the warranty void. Further, the warranty is void if at any time, the user, its agents, employees, or customers attempts to make any internal changes to any of the components of a product: If at any time the power supplied to any part of the product exceeds the rated tolerances: if any external device attached by the user, its agents, employees or customers creates conditions exceeding the tolerances of the product:

OPERATION OF THE PRODUCT THAT RENDERS THIS WARRANTY VOID WILL BE DEFINED TO INCLUDE ALL OF THE POSSIBILITIES DESCRIBED IN THIS SECTION, TOGETHER WITH ANY PRACTICE THAT RESULTS IN CONDITIONS EXCEEDING THE DESIGN TOLERANCE OF THE PRODUCTS.

The warranty will be void if the product is purchased from an unauthorized source.

 **WARNING!**

This product can expose you to chemicals including Bisphenol-A (BpA), Chromium and Nickel which are known to the State of California to cause cancer (Nickel and Chromium) and birth defects or other reproductive harm (BpA and Chromium). For more information go to **[www. P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**.



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USA 

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Email: Orders@Fastmetal.com • **U.S. Patents** # 11,002,988, D898,093, D916,947, and other patents pending.

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