

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

- › [Bussmann](#) /
- › [Bussmann FMX-30 MAXI Fuse Instruction Manual](#)

Bussmann FMX-30

Bussmann FMX-30 MAXI Fuse Instruction Manual

Your guide to safe and effective use of the Bussmann FMX-30 MAXI Fuse.

1. PRODUCT OVERVIEW

The Bussmann FMX-30 MAXI Fuse is a 'Slow Blow' female fuse designed for high amperage protection in automotive electrical systems. Its compact size (1.06 inches tall) makes it suitable for various applications. This fuse features industry-standard color-coding (pink for 30 Amp) to indicate its amp rating, along with a convenient viewing window for visual identification of the fuse status. Bussmann FMX fuses are UL recognized and meet or exceed OEM and SAE standards, ensuring reliable circuit protection.



Image 1.1: The Bussmann FMX-30 MAXI Fuse, a 30 Amp 'Slow Blow' fuse in pink, designed for high amperage automotive circuit protection.



Busmann Series easyID Illuminating Blade Fuses and Holders

easyID uses Light Emitting Diode (LED) technology to indicate that a fuse has opened, making it easy to spot in fuse panels tucked under dark dashboards. Illuminating blade fuses are the ideal choice for fast and easy fuse replacement. Popular fuse types (ATR, ATC, ATM, Maxi™, FMX) are available in common fuse ratings for consumer convenience.

Image 1.2: Busmann's easyID technology, which uses LED to indicate a blown fuse, enhancing quick identification and replacement.

2. SPECIFICATIONS

Specification	Detail
Brand	Busmann
Model Number	FMX-30
AC Adapter Current	30 Amps
Voltage	32 Volts DC
Material	Plastic
Specification Met	OEM, SAE
Mounting Type	Through-Hole Mount
Item Weight	0.48 ounces
UPC	051712592789

3. INSTALLATION GUIDELINES

Replacing an automotive fuse requires careful attention to safety and proper procedure. Always consult your vehicle's owner's manual for specific fuse box locations and diagrams.

3.1 Safety Precautions

- Always turn off the vehicle's ignition and disconnect the negative battery terminal before attempting any electrical work.
- Use appropriate tools, such as a fuse puller, to remove fuses. Avoid using metal tools that could short-circuit components.
- Never replace a fuse with one of a higher amperage rating. This can lead to serious electrical damage or fire.
- Ensure the replacement fuse matches the original fuse's type and amperage rating.

3.2 Replacement Procedure

1. **Locate the Fuse Box:** Refer to your vehicle's owner's manual to find the fuse box. It is typically located under

the dashboard, in the engine compartment, or in the trunk.

2. **Identify the Blown Fuse:** Use the fuse diagram (usually on the fuse box cover or in the manual) to identify the fuse corresponding to the malfunctioning component. The FMX-30 fuse has a viewing window to help identify if the internal element is broken.
3. **Remove the Blown Fuse:** Carefully use a fuse puller to grasp and remove the blown fuse.
4. **Insert the New Fuse:** Align the new Bussmann FMX-30 MAXI Fuse with the empty slot and push it firmly into place until it is seated securely.
5. **Restore Power:** Reconnect the negative battery terminal and turn on the ignition to test the circuit.

Your browser does not support the video tag.

Video 3.1: Demonstration of Jcase fuse installation, which shares a similar form factor and installation method with MAXI fuses like the FMX-30. This video illustrates the process of removing and inserting box-shaped fuses in an automotive fuse box.

Your browser does not support the video tag.

Video 3.2: Another example showing the installation of low-profile Jcase fuses, providing a visual guide for handling and replacing this type of automotive fuse.

4. FUNCTION AND OPERATION

The Bussmann FMX-30 MAXI Fuse is designed to protect electrical circuits from overcurrent conditions. As a 'Slow Blow' fuse, it is engineered to withstand temporary current surges (e.g., during motor startup) without blowing, but will open the circuit if an overcurrent condition persists. This characteristic prevents nuisance blowing while still providing critical protection against sustained overloads or short circuits. The pink color indicates a 30 Amp rating, and the clear viewing window allows for quick visual inspection of the fuse element to determine if it has blown.

5. TROUBLESHOOTING

If an electrical component in your vehicle stops working, a blown fuse is a common cause. Follow these steps to troubleshoot:

1. **Identify the Affected Circuit:** Determine which electrical component is not functioning (e.g., power window, radio, lights).
2. **Locate the Corresponding Fuse:** Consult your vehicle's fuse diagram to find the fuse responsible for that circuit.
3. **Inspect the Fuse:** Remove the suspected fuse using a fuse puller. Look through the viewing window for a broken or melted wire element. If the element is intact, the fuse is likely good.
4. **Test with a Multimeter (Optional):** For a more definitive test, use a multimeter set to continuity mode. A good fuse will show continuity (a beep or a reading of 0 ohms), while a blown fuse will show an open circuit (no beep or an 'OL' reading).
5. **Replace if Blown:** If the fuse is blown, replace it with a new Bussmann FMX-30 MAXI Fuse of the exact same amperage rating (30 Amp, pink). If the new fuse blows immediately, there may be a more serious electrical issue that requires professional diagnosis.

6. SAFETY INFORMATION

Working with automotive electrical systems can be hazardous. Adhere to the following safety guidelines:

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Never work on a live electrical circuit unless absolutely necessary and with extreme caution.

- Avoid touching electrical terminals with bare hands or metal objects.
- Keep children and pets away from the work area.
- If you are unsure about any procedure, consult a qualified automotive technician.

7. WARRANTY AND SUPPORT

Bussmann products are manufactured to high-quality standards. For information regarding product warranty, technical support, or customer service, please refer to the official Bussmann website or contact your authorized dealer. Keep your purchase receipt for warranty claims.

© 2025 Bussmann. All rights reserved.
For further assistance, visit [Eaton Bussmann Series](#).