



# Self-Service Support

Title: **Removing the Amplifier Module from K, KW, and KLA Loudspeakers for Repair or Replacement**  
Issue Date: September 5, 2013  
Revision Date: December 19, 2013  
Products Affected: K, KW, and KLA Series Loudspeakers  
Revision: B

## Introduction

This guide provides the step-by-step instructions to remove the amplifier module from K, KW, and KLA series loudspeakers for service, repair, or replacement. The amplifier module, commonly called the Bucket of Power (BOP), is a separate assembly that is easily removed from any powered loudspeaker in the House of K family. If the BOP experiences problems such as intermittent power or no power, the BOP alone can be sent in for service because it is a complete assembly. If you require factory service for your QSC House of K product, shipping charges can be expensive for the entire loudspeaker. Shipping only the BOP for service can greatly reduce shipping charges.

If you don't know which part in the loudspeaker has failed, please contact QSC for further troubleshooting help.

## Attention

If you are not a QSC Authorized Service Center, do not open the front plate of the amplifier module where all the electronic parts are located. Attempting to repair the amplifier module yourself by opening the front plate will VOID your warranty. Please only remove the amplifier module from the loudspeaker enclosure.

## Tools Needed

Only 2 tools are needed for this repair:

- Phillips head screwdriver or electric drill with Phillips head extension
- Putty knife, butter knife, or similar style tool

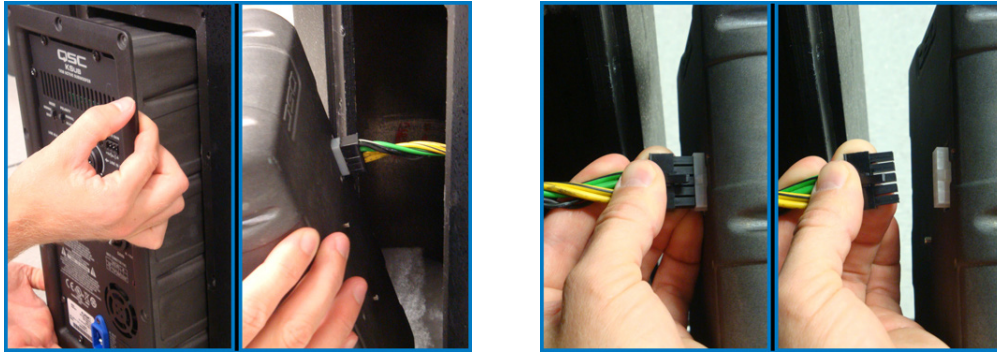


## Removing the Amplifier Module from the Enclosure

1. Unplug the any cords connected to the loudspeaker. You may orient the speaker in any direction that is best for you. You may set the loudspeaker face down on a pad or cushion to protect the grille and finish.
2. Locate the outer-ring of screws that fasten the amplifier module to the enclosure. Remove the 10 screws slowly with a Phillips head screwdriver.



3. Using a putty knife, butter knife, or similar tool, place it in an open gap between the enclosure and amplifier module. Pry the amplifier module outward. You may have to pry in multiple locations to loosen the module from the enclosure.
4. Gently and slowly pull the amplifier module out of the enclosure as described in the photo below. **DO NOT** pull the amplifier module out of the enclosure. There is a multi-pin connector in the rear of the amplifier module.
5. Detach the multi-pin connector from the rear of the module.



You are done! Please send this module in if it needs service or change it with a replacement.



## Contact information

Technical bulletins and other service documents are available for download from [www.qscservice.com](http://www.qscservice.com). If you need any further information regarding this service procedure, please contact QSC Technical Services at the addresses or numbers below.

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