

# Hammond Service News

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Model M-100 SERIES

SUBJECT: Static noise when playing first two or three pedals

A static type noise is heard when depressing or releasing a pedal. The problem is usually confined to the first two or three pedals, that is C, C#, and D. First impression is that the pedal gate switch contacts are perhaps dirty, or one may be led to think one, or both, speakers are breaking up.

It has been found that a possible cause could be the reverb amplifier or power amplifier chassis hold down bolts may be extending through the mounting deck far enough to touch the metal cover on the pedal switch assembly, which is directly below, grounding it.

To correct this problem, it will be necessary to remove the bolts and either cut them off about  $\frac{1}{4}$  inch or place washers under the head of each one to prevent them from going through so far. To locate the bolts involved, as you face the back of the organ, there are two bolts on reverb chassis nearest the back of organ. Also one on right front corner of power amplifier chassis. (These three bolts are almost "in line" if one can picture an imaginary line across the bottom of organ) All three, or any of the three bolts could be touch the metal cover.