

# Technical Bulletin

**Date:** September 2009

**No:** TCM-0042-B  
ITCM-0031-B  
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**Type** Policy Letter  
√Service Information

**Attention** Service Managers  
√Service and Parts Managers

**Product** ACE\*, CRC\*, HDC\*, DEC\*, MCHDC\*, MRC\*, RC\*, UC\*, UHDC\*

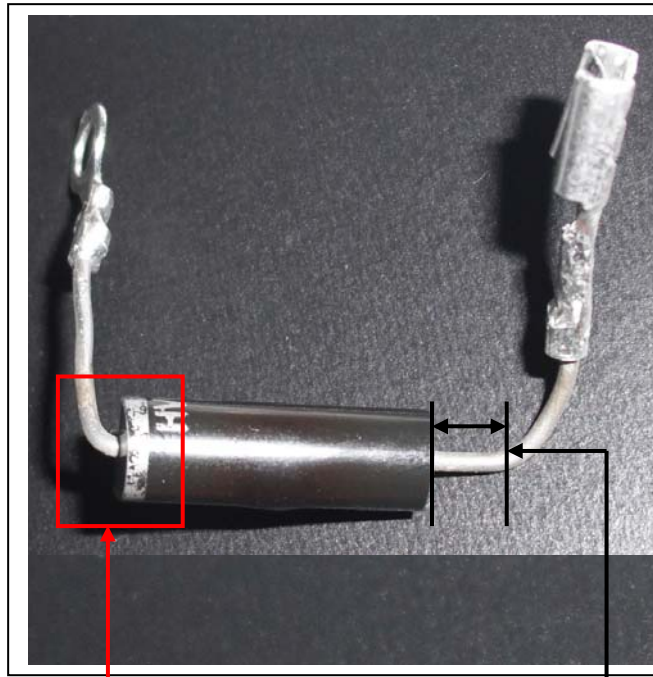
**Issue** Proper bending of diodes to prevent premature failure.

**Warranty** Standard product warranty applies.

**Action** Excessive bending stress can damage the stacked disks inside the diode body which can lead to premature failure.



Avoid bending diode  
within ¼ inch (6mm) of  
plastic body.



Unacceptable Bend – too much stress near the plastic body.

Acceptable Bend – ¼ inch (6mm) minimum between bend radius and plastic body.

Figure 1: Using two needle nose pliers hold lead ¼ inch (6mm) from plastic body with one needle nose pliers and the other needle nose to bend lead.

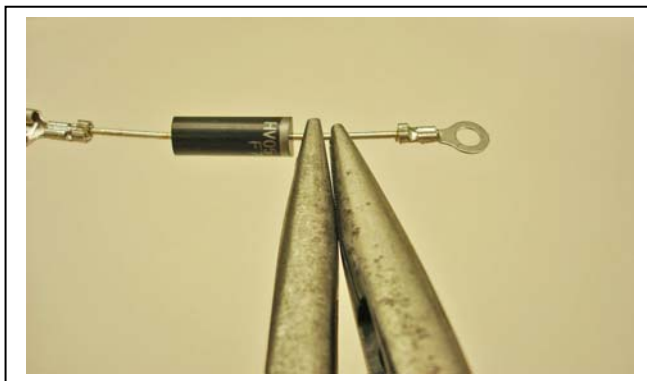


Figure 1



Figure 2

Figure 2: When tightening lock nut to ring connector use needle nose pliers to hold ring connector and prevent it from turning around shaft.