1. Lumber must be cut cleanly and accurately and the remaining wood must be undamaged.
2. This repair is to be used for single ply trusses with 40-10-0-5 loading in the 3X_ and 4X_ orientation only.
3. Cutting is permitted within 1/2" (**or 12**") of connector plates, and must not affect plates in any way.

**Refer to individual truss design for forces, plate sizes, lumber grades, and structural specification.**

**Maximum reaction limit: 1600 LB.**

**Maximum allowable force in panel adjacent to cut = 3450# for a single chord and 6900# for a doubled bottom chord.**

**If force > 3450# for a single chord and 6900# for a doubled bottom chord, 12" of wood must remain past edge of connector plate as shown.**

**1/2" GAP MAX**

**1/2" MIN**

**DO NOT CUT INTO DIAGONAL**

**CONNECTOR PLATES MUST BE FULLY EMBEDDED AND UNDISTURBED**

**Maximum reaction limit: 1600 LB.**

1/2" MIN

32 - 1/4" MAX

**1/2" MIN**

**12" MIN**

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