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ALARIS CONCEPTS

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## How to Deal with Long Riser/Extreme Parallel Limb Bows

**The Problem:** Alaris Concepts has always pledged that Bowkaddy fits all limb designs... conventional compound, traditional, recurve, parallel limb and even the hybrid recurve/pulley design of the Oneida series bows. Each year, this pledge is tested by the multitude of bow manufacturers striving to create the ultimate archery weapon. In 2010, Mathews introduced the **Z7**, a long-riser bow with extremely parallel limbs. Of all the hundreds of bows with which I've tested the versatility of Bowkaddy, the Z7 was the first one to exceed the geometric limits of Bowkaddy. Other bows that present the same issue include the Hoyt AlphaMax and the Hoyt Carbon Matrix.

**The Solution:** Unwilling to revoke its pledge, Alaris Concepts has developed an extender brace for use with such bows as mentioned above. This simple metal brace serves to extend the reach of the swing arms by approximately 2.5 inches, thereby allowing both swing arms to effectively grip the limbs.

**Making it Work:** The extender brace attaches to the main support arm with two 5/16" carriage bolts. In order for these to fit in the slot of the main support arm, you'll need to widen the slot in two places by drilling a 5/16" hole in the two locations shown below. It works best if you insert the drill bit first and then slowly start the drill. You'll find it only takes a couple seconds to make the hole. Ensure the drill is adequately braced; a drill press works best. When complete, fasten the extender brace to the main support arm using the 5/16" carriage bolts, flat washers, lock washers and nuts provided. A socket wrench works best.



Once the brace is fastened to the main support arm, simply attached the swing arm(s) in the normal fashion to each end and insert your bow. Problem solved. Happy hunting.



The Extender Brace is available for purchase from Alaris Concepts for a nominal fee of \$9.99 to cover the cost of fabrication. Consult the [Purchase Page](#) or contact Alaris Concepts via phone or email for more information or to place an order.