

# Frequently Asked Questions (FAQs)

## TAU-II™ Crash Cushion

**1. *What type of equipment is needed to install TAU-II™? Is special equipment required?***

The TAU-II™ system can be assembled at a job site or pre-assembled and delivered to job site for final installation. Assembling at job site requires no special equipment. Standard tools for installation would include torque wrenches, standard mechanics' tools, and concrete drill bits with an electric or pneumatic power drill. To install a pre-assembled unit will require the use of a crane capable of lifting 3,000 pounds. Installation at a job site ideally is accomplished with a truck-mounted crane or forklift.

**2. *What type of foundation is required to install the TAU-II™ Crash Cushion system? How many anchor points are required?***

BSI recommends that the TAU-II™ system be anchored to standard six-inch reinforced 4,000 psi Portland cement concrete foundation. Other foundation options could be provided by contacting the BSI Application Engineering Department.

In contrast with other fully redirective non-gating crash cushion systems, the TAU-II™ system requires only 21 anchor points into the foundation.

**3. *Does your company provide spare parts? What is the time frame that the spare parts will be shipped?***

Spare parts are available at local distribution or through the manufacturer and can be shipped within 24 hours upon acceptance of an order.

**4. *On average, how long does it take to assemble the TAU-II™ fully redirective non-gating crash cushion system at the job site?***

Depending on the application and circumstances at job site, assembly and installation will take a two-person crew less than three hours.

**5. *Does your company teach installers to service and repair TAU-II™?***

Barrier Systems, Inc. will train installers to service and repair the TAU-II™ crash cushion system. TAU-II™ has been designed with the customer in mind. For many impacts, the TAU-II™ should be easily refurbished in less than one-half hour. In many cases, local distributors of the TAU-II™ system can provide assistance in this regard.

**6. *Does your company provide separate maintenance and repair contract services for TAU-II™?***

Barrier Systems, Inc. (BSI) does not directly provide maintenance and repair contracts. However, local distributors for this product may provide this service. BSI would be pleased to assist the customer with identifying and training local service personnel.

**7. *What about vandalism? Can TAU-II™ cartridges be easily cut and/or damaged?***

The TAU-II™ system has been designed to minimize the potential for vandalism. It is made of a high molecular weight polyethylene that is designed to be highly resistant to vandalism.

**8. *Can TAU-II™ be attached to the end of guardrail, permanent and/or portable concrete barrier?***

The TAU-II™ Crash Cushion system is designed to be attached and/or transitioned to any type of barrier.

**9. *How easy is the TAU-II™ system to restore after impact?***

Depending on the speed and degree of impact, in most instances many components of the TAU-II™ system are reusable. The impacted system can frequently be pulled back out, energy absorbing cartridges replaced, an inspection completed and the system fully restored in less than one-half hour.