

601-R-497d Spare Parts Packages for INDOT Approved Attenuators

(Revised 09-16-10)

09-01-11

Unit	Type	Manufacturer	Stage 1 Spare Parts Package			Stage 2 Spare Parts Package		
			Option	Qty	Item	Option	Qty	Item
QUADGUARD II	Impact Attenuator	Energy Absorption Systems, Inc.	QUADGUARD II TL-3 (ED, R1, R2, SD, W1)		1 Nose Assembly	QUADGUARD II TL-3 (ED, R1, R2, SD, W1)		1 Nose Assembly
					3 Energy Absorption Cartridge Type 1			3 Energy Absorption Cartridge Type 1
			QUADGUARD II TL-2 (ED, R1, R2, SD, W1)		1 Nose Assembly	QUADGUARD II TL-2 (ED, R1, R2, SD, W1)		1 Nose Assembly
					2 Energy Absorption Cartridge Type 1			2 Energy Absorption Cartridge Type 1
								1 Energy Absorption Cartridge Type 2
QUADGUARD II (LS, W1)			QUADGUARD II (LS, W1)		1 Nose Assembly	QUADGUARD II (LS, W1)		1 Nose Assembly
					1 Energy Absorption Cartridge Type 1			1 Energy Absorption Cartridge Type 1
								1 Energy Absorption Cartridge Type 2

Notes:

Packages shall include all associated hardware with the specified items.

A Stage 1 Spare Parts Package includes parts to repair a minor hit.

A Stage 2 Spare Parts Package includes parts to repair a 100% design hit.

Unit	Type	Manufacturer	Stage 1 Spare Parts Package			Stage 2 Spare Parts Package		
			Option	Qty	Item	Option	Qty	Item
TAU II	Impact Attenuator	Barrier Systems, Inc.	TAU II TL-3 (ED, R1, R2, SD, W1)		3 Energy Absorption Cartridge Type A	TAU II TL-3 (ED, R1, R2, SD, W1)		3 Energy Absorption Cartridge Type A
					1 Energy Absorption Cartridge Type B			5 Energy Absorption Cartridge Type B
TAU II TL-2 (ED, R1, R2, SD, W1)			TAU II TL-2 (ED, R1, R2, SD, W1)		1 Energy Absorption Cartridge Type A	TAU II TL-2 (ED, R1, R2, SD, W1)		1 Energy Absorption Cartridge Type A
					1 Energy Absorption Cartridge Type B			3 Energy Absorption Cartridge Type B

Notes:

Packages shall include all associated hardware with the specified items.

A Stage 1 Spare Parts Package includes parts to repair a minor hit.

A Stage 2 Spare Parts Package includes parts to repair a 100% design hit.

* For W2 and W3 units:

1. Include all Type A Cartridges for Stage 1
2. Include all Type A and B Cartridges for Stage 2

Unit	Type	Manufacturer	Stage 1 Spare Parts Package			Stage 2 Spare Parts Package		
			Option	Qty	Item	Option	Qty	Item
TRACC	Impact Attenuator	Trinity Highway Products, LLC	TRACC TL-3 (ED, R1, R2, SD)		1 Nosepiece and reflective assembly	TRACC TL-3 (ED, R1, R2, SD)		1 Nose piece and reflective assembly
					1 Stage 2 Rip Plate Repair Kit			1 Stage 3 Rip Plate Repair Kit
TRACC TL-2 (ED,R1,R2,SD)			TRACC TL-2 (ED,R1,R2,SD)		1 Nosepiece and reflective assembly	TRACC TL-2 (ED,R1,R2,SD)		1 Nose piece and reflective assembly
					1 Stage 2 Rip Plate Repair Kit			1 Stage 3 Rip Plate Repair Kit

Notes:

Packages shall include all associated hardware with the specified items.

A Stage 1 Spare Parts Package includes parts to repair a minor hit.

A Stage 2 Spare Parts Package includes parts to repair a 100% design hit.

**** There are NO spare parts packages for Impact Attenuator, Type CR**