



# XTENUator™ Crash Cushion

	Y/N
• Both backstop units are positioned correctly with the support legs towards the upstream end of the installation.	
• The backstop brace is bolted to the backstop units.	
• All 5 posts are positioned with the short side flange towards the upstream end of the installation.	
• The short back guardrail panels are bolted at posts 4 & 5.	
• The long front guardrail panels are bolted at posts 1 & 2.	
• 4 yellow shear bolts have been used to bolt the short back guardrail panel to the backstop unit on each side. Make sure the washer is between nut and rail.	
• All blockouts are secured to posts with tethers.	
• The slider brace is bolted to the long front guardrail panel with the thicker 'reinforced' side at the downstream end.	
• A head support leg is attached to each impact head with the angle facing downstream and aligned with the notch on front cable anchor.	
• The upper and lower impact head supports are connected correctly to the impact heads.	
• There is no washer installed under the nut on the cables positioned in the backstop unit. There is no torque requirement on these cables but they should be taut and not sagging between posts.	
• Both friction plates are turned fully in each impact head and bolted in place with 4 x M20 bolts each.	
• The 8 bolts connecting the short front panel to each impact head have the nuts on the outside with plastic protectors.	
• The impact head cartridge and nosing are attached.	
• If connected to w-beam guardrail downstream from the system, the transition attachment bracket is attached to the backstop units.	
• If a transition attachment bracket is used, the W-beam guardrail panel connects to the transition piece with 4 standard splice bolts.	
<b>Concrete Installation</b> • The 26 x 210mm anchors required (location marked with a notch) and are set in an approved anchoring compound. (nut torqued to 160 N-m)	
<b>AC Pavement Installation</b> • The 42 x 460mm anchors required (all locations) are set in an approved anchoring compound. (spanner tight)	

Location:			
Installed by:		Date:	
Inspected by:		Date:	

For more information contact CSP Pacific on  
**Ph 0800 655 200** or visit **www.csppacific.co.nz**