

INSTALLATION CHECKLIST FOR X-Tension / X-MAS Systems

Location			
Installed By		Date	
Inspected By		Date	

X-Tension Tangent and Flared Systems [System Length 11.4m (38ft)]	Y/N	NA
<ul style="list-style-type: none"> • Rail is bolted at all posts except post 3. • Post 1, post bolt notches face impact head. Bolted to ground strut. • Post 3 to 6 standard steel posts (or timber CRT posts). • Friction plate is turned fully and bolted in place. • Nuts are fitted on traffic face of rail at impact head. • Nosing is fitted to impact head. 		
<ul style="list-style-type: none"> • Ground Strut lays flush with ground. Front of ground strut should be level or lower at the anchor end than at the post end. • Ground anchor does not protrude more than 100mm (4 in) [preferred 75mm (3 in)] above the ground. • The entire Terminal End (11.4m; 38 ft) is installed straight with flare as per design (offset between 0 to 1.2m) (0 to 4 ft). 		
<ul style="list-style-type: none"> • Slider Panel is connected to end of first rail. All 4 holes bolted with nuts on traffic face. • Slider Bracket affixed to back of rail 2, with 4 bolts and nuts on backside of rail. • Angle bar is fitted closest to impact head end. Bolts MUST be wrenched tight. 		
<ul style="list-style-type: none"> • Guardrail for terminal end (i.e. 3 lengths) is 2.7mm (12 gauge) highway rail. 		
<ul style="list-style-type: none"> • Yellow Shear Bolts correctly installed at post 5 (washer only between nut & rail). 		
<ul style="list-style-type: none"> • Cables should be “taut”, not visibly sagging between posts. 		
<p>X-Tension Median Application only - as above plus:</p> <ul style="list-style-type: none"> • Yellow Shear Bolts are correctly installed at post 5. • Slider Panel is bolted to end of first rail. All 4 holes bolted with nuts on traffic face. • Slider Bracket affixed to back of rail 2, with 4 bolts and nuts on backside of rail. • Angle bar is fitted closest to impact head end. Bolts MUST be wrenched tight. • Post bolt at post 2 is in notched post flange and fixed with 50mm x 50mm (2 in x 2 in) washer and nut. • Secondary Impact Head is connected to main impact head. • Additional Guardrails are 2.7mm (12 gauge) highway rail. 		