

Product Evaluation

RE: Review of BC2 Square Breakaway Coupler

PRODUCT

BC2 Square Breakaway Coupler is a manufactured by Dyna Engineering Ltd located in Coquitlam, BC and distributed in Alberta by Barricades and Signs Ltd. located in Sturgeon County, Alberta. Website: www.dynabrackets.com

VENDOR CLAIMS AND INFORMATION

CLAIMS

The BC-2 Breakaway Coupler Sign post breakaway system protects the post anchor in the ground from damage. This Breakaway system will release before damage to other infrastructure items occur.

DESCRIPTION

The BC2 Series is intended to be used with any common square sizes 1 3/4"; 1 7/8", 2", 2 1/4" sign posts and the same size base posts. It can also be utilized with a concrete base plate which attaches to a concrete median or other. Another benefit of this 3-piece design is that you only have to replace components as center piece cups as necessary. The cups can be reused and replaced as needed and the centerpiece is just a fraction of the replacement cost of traditional 1-piece designs.

POTENTIAL USAGE

BC2 Square Sign Post Breakaway Coupler system protects the post anchor in the ground from the damage.

STANDARDS

ALBERTA TRANSPORTATION COMMENTS

EXPERIENCE

Alberta Transportation has no experience with this product

APPLICABLE STANDARDS

The Alberta Transportation Specification for Breakaway Steel Sign Posts is as follows:
Standard Specification for Highway Construction 5.18 Supply of Permanent Highway Signs, Posts and Bases and Specification 7.7, Permanent Highway Signing.

RECOMMENDATIONS

BC2 Square Breakaway Coupler be listed as a Potential Product under Alberta Transportation Products List, Signs and Supports – Supports – Breakaway – Proprietary, based on the information provided. Final acceptance as a proven product will be based on field performance.

TRIAL PROJECTS

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