Saving Lives...







Breakaway Systems for:



 Ground-Mounted Signs Located within Roadside Clear Zones

 Locations Vulnerable to Vehicular Impacts

- Single Post Signs
- Multiple Post Signs
- Use all over U.S.A.







Range of Post Sizes

- National Signing Standards Specify
 Increased Sizes for Visibility & Wind Loads
- These Changes Create an Increase in Structural Demands on Sign Supports
- Break-Safe Provides High Structural Load-Carrying Capacity
- Supports Wide range of Post Sizes, up to and Including the Largest Permitted by AASHTO
- Flexibility Allows for many Choices when Selecting Post Types and Sizes





Omni-Directional



 The angle of an errant vehicle leaving a highway impacting a roadside structure is impossible to predict. Most breakaway support systems are one directional in their design and crash performance.









Couplings Break with Consistent,
 Predictable Behavior Regardless of the
 Angle of Impact

 This Unique Capability exceeds FHWA and AASHTO Requirements for Impact Performance

• All Models are FHWA-Approved for use on the National Highway System

Quick & Clean Breakaways Save Lives
 While Reducing Property Damage





Breakaway Supports

Model Selection:

Break-Safe Model A Series:

Break-Safe Model	Post Type and Size
AI4	4", 5" Standard I-Beams
AIG	W6x9 Wide Flange
AP (3", 3.5", 4", 4.5" O.D. Round Pipes
AS	2.5", 3", 4", 5" Square Tubes
AU	4, 6, 8 lb Back-to-Back U-Channels

Break-Safe Model B Series:

Break-Safe I	Model	Post Type and Size	
B525	I	6", 8" Wide Flange	
B650		10"-21" Wide Flange	
		6", 7", 8" Square Tubes	



Break-Safe[®] Breakaway Sign Support System







• Round Pipe (3", 3.5", 4", 4.5") Steel or Aluminum

- Wide Flange (6x9w)
 Steel I-Beam
- Standard "S" Shape
 Steel Beam
- Square Tube (2.5", 3",
 3.5", 4") Steel or
 Aluminum

Break-Safe® Breakaway Sign Support System



Type B: Large Posts



- Wide Flange Steel Beam, 6" and 8"
- Wide Flange Steel Beam, 10" to 21"
- Square Tubes,
 5", 6", 7" and 8"





Easy Installation



 No Special Tools or Equipment Required

 Components Secured using American Institute of Steel Construction (AISC) turning-of-nut tightening

Eliminates Torque
 Requirement Typical of
 Slip-Base Systems

TRANSPO BADLES THIEFS, FOG. The Smart Solutions Company







 Transpo Breakaways are Designed to Perform Equally, Regardless of the Angle of Impact

Precisely Machined
 Couplings Cause System to
 Fracture Safely at Relatively
 Low Force and Energy Levels

 This Exceeds the AASHTO Requirements for Impact Velocity Change

TRANSPO BADLESTFILLES, FOC. The Smart Solutions Company Break-Safe® Breakaway Sign Support System