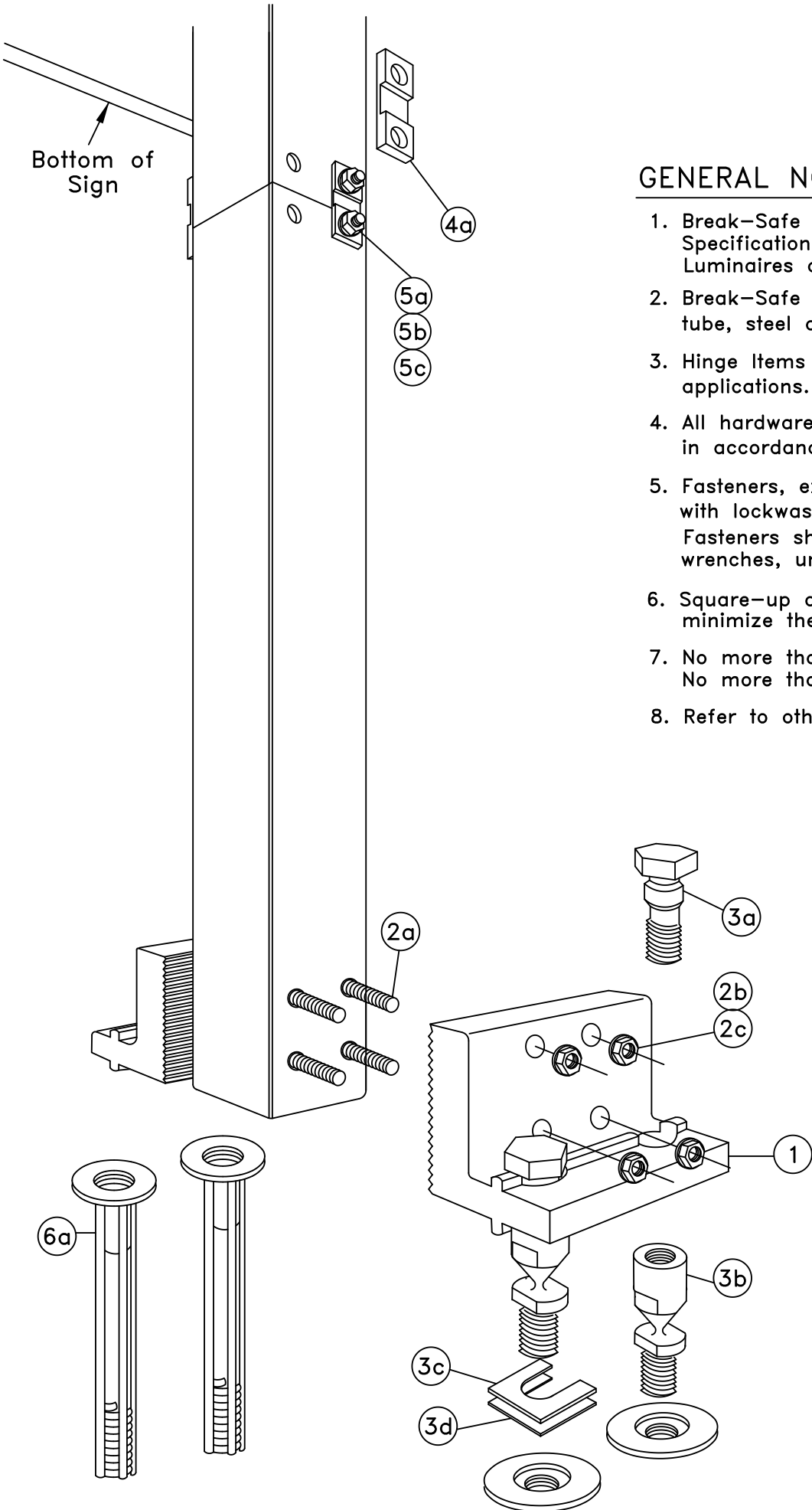


PARTS LIST

ITEM	DESCRIPTION	SIZE/SPECIFICATIONS	QTY/ POST	PART NUMBER
	Model AS4H	6061-T6 Aluminum	1	SBMAS4H*
1	Bracket, Type AS4	6061-T6 Aluminum	2	
2	Bracket Hardware Assembly, Type AS4, includes:		1	
2a	Bolt	12.7mm(1/2")-13UNCx184mm(7-1/4"), Hex Head, ASTM A325, Galv. ASTM A153	4	
2b	LockWasher	12.7mm(1/2"), ANSI B18-21-1, Galv. ASTM A153	4	
2c	Nut	12.7mm(1/2")-13UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	4	
3	Coupling & Special Bolt Assembly, Type A, includes:		1	SB-CALP
3a	Special Bolt	15.9mm(5/8")-11UNC, ASTM A449, Galv. ASTM A153	4	
3b	Coupling	15.9mm(5/8")-11UNC, LP, AMS 6378D, Galv. ASTM A153, Polyester Coat	4	
3c	Shim	15.9mm(5/8") Horseshoe, 14 Gauge, Galv. Steel Sheet	2	
3d	Shim	15.9mm(5/8") Horseshoe, 18 Gauge, Galv. Steel Sheet	2	
4	Hinge Assembly, Type A, includes:		1	SB-HB3
4a	Hinge Plate	Type A, AISI 4130 Steel, Galv. ASTM A123	4	
5	Hinge Hardware Assembly, Type A, includes:		1	SB-HHA
5a	Bolt	12.7mm(1/2")-13UNCx133mm(5-1/4"), Hex Head, ASTM A325, Galv. ASTM A153	4	
5b	LockWasher	12.7mm(1/2"), ANSI B18-21-1, Galv. ASTM A153	4	
5c	Nut	12.7mm(1/2")-13UNC, Heavy Hex, ASTM A563 Gr. DH, Galv. ASTM A153	4	
6	Anchor Assembly, Type A, includes:		1	SBAAPK
6a	Anchor	15.9mm(5/8")-11UNC, 304 S.S. Ferrule, AISI 1038 Rod, AISI 1008 Coil	4	

*Complete assembly includes line Items 1-5. Item 6, Anchors sold separately.



GENERAL NOTES:

1. Break-Safe meets all requirements of "AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals."
2. Break-Safe Model AS4H is designed to fit 4" (102mm) square tube, steel or aluminum signposts.
3. Hinge Items 4 & 5 above are not used for single post sign applications. Use Model AS4 for single post signs.
4. All hardware items are American Standard sizes, gavanized in accordance with ASTM A153.
5. Fasteners, except for special bolt and coupling, are installed with lockwashers, and do not have specific torque requirements. Fasteners should be secured as tight as possible with conventional wrenches, unless noted otherwise.
6. Square-up and level individual components, particularly Anchors to minimize the need for shimming between the Couplings and Anchors.
7. No more than two shims shall be placed under any one coupling. No more than three shims underneath any pair of couplings.
8. Refer to other side of page for complete installation instructions.



TRANSPO®

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Break-Safe Model AS4H
Breakaway Support System for Sign Posts

Scale: Not To Scale
Date: January 2015

Drawing No. BS-AS4H
Sheet: 1 of 2

Patent Nos. 4,528,786 and 5,596,845

