



Deck collapses are often caused by failure of the connection where the deck is attached to the main structure due to little or no lateral capacity. ADTT-TZ is an Adjustable Deck Tension Tie designed to effectively transfer the out of plane lateral loads of the deck to the house structure.

Features:

- Adjustable design. MiTek WS8-EXT or 3/8" HDG lag screws may be installed adjacent or up to 4-3/8" below deck joist (see Figure A).
- 2-hole break-out washer (BO-W) will work with multiple screw sizes.
- Blocking extensions not required.

Materials: 14 gauge

Finish: G-185 galvanizing

Installation:

- Install with MiTek's WS8-EXT wood screw or 3/8" HDG lag screw.
- Drive screw horizontally and aligned vertically with the deck joist into the wall top plate of the main (house) structure.
- Install four (4) of the specified joist fasteners into vertical legs. (Two (2) on each side of deck joist).
- Secure front brace with six (6) specified joist fasteners.
- Re-tighten the WS8-EXT or 3/8" HDG lag screw as needed to fully engage with the ADTT-TZ. **DO NOT OVERDRIVE.**

Note: Minimum 3" thread penetration required for proper installation of WS8-EXT or 3/8" lag screw.

- For detailed installation instructions refer to MiTek.ca.

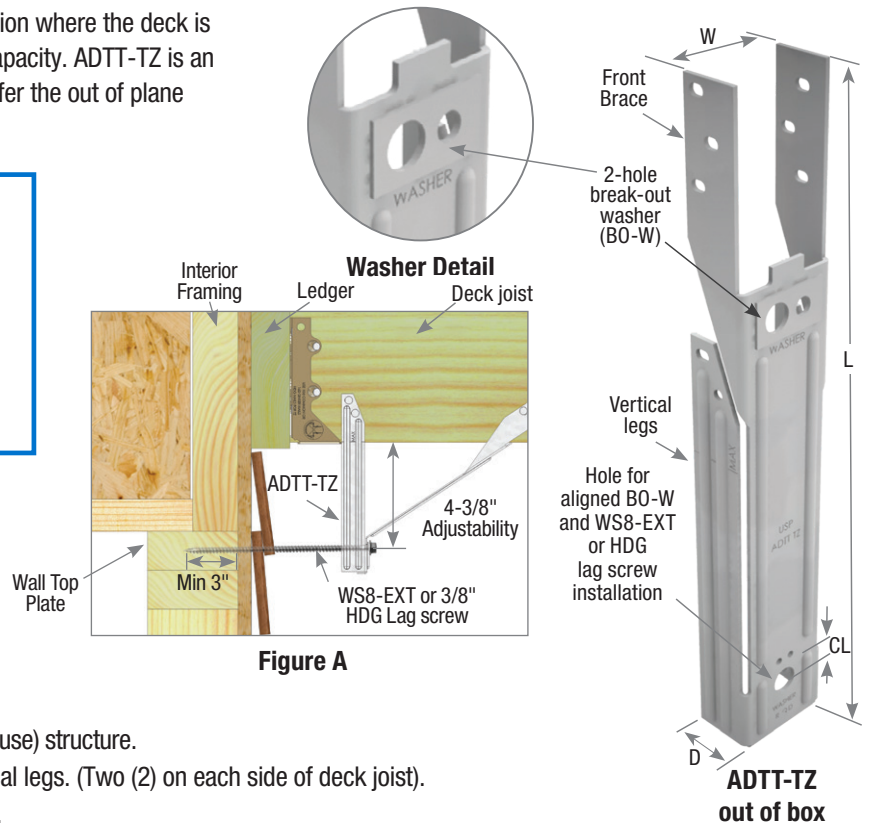
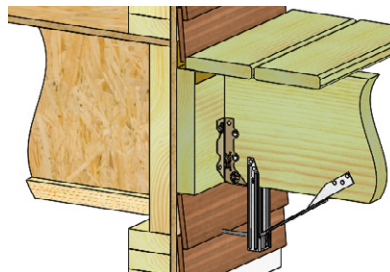
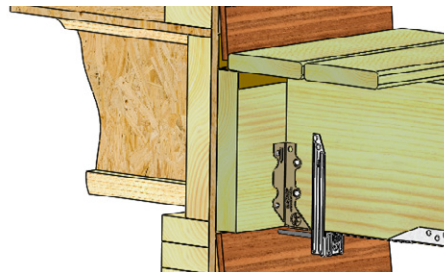


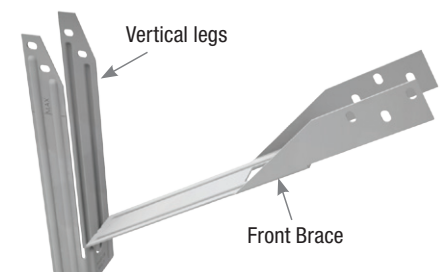
Figure A



Typical ADTT-TZ
full extension installation



Typical ADTT-TZ
flush installation



ADTT-TZ
ready for installation

MiTek Stock No.	Ref. No.	GA	Dimensions (in)				Fastener Schedule				D Fir-L Factored Resistance				S-P-F Factored Resistance				Ctn Qty
			W	L	D	CL	Wall		Joist		Lbs		kN		Lbs		kN		
							Qty	Type ^{2,3,4}	Qty	Type ^{5,7}	100%	115% ¹	100%	115% ¹	100%	115% ¹	100%	115% ¹	
ADTT-TZ	DTT1Z	14	1-9/16	10-1/2	15/16	3/8	1	3/8" HDG Lag Screw	10	10d x 1-1/2	1285	1285	5.72	5.72	1085	1090	4.83	4.85	40
							1	WS8-EXT			1305	1305	5.80	5.80	1085	1105	4.83	4.92	
							1	3/8" HDG Lag Screw	10	LL915	1285	1285	5.72	5.72	1085	1090	4.83	4.85	
							1	WS8-EXT			1305	1305	5.80	5.80	1085	1105	4.83	4.92	
ADTT-TZKT ⁶	DTT1Z-KT	14	1-9/16	10-1/2	15/16	3/8	1	WS8-EXT	10	LL915	1305	1305	5.80	5.80	1085	1105	4.83	4.92	8

- 1) Factored resistances have been increased 15% for short-term loads such as wind and earthquake; no further increase allowed.
- 2) WS8-EXT Wood Screw is 1/4" dia. x 8" long hot-dip galvanized screw and must be ordered separately.
- 3) 3/8" HDG Lag is an ASTM A307 Grade A lag screw with a thread diameter of 3/8" and is hot-dip galvanized to ASTM A153 standards. Lag screws are available at your local hardware store and must be purchased separately.
- 4) Check with your siding manufacturer for recommendations for fastening through your siding material.
- 5) LL915 denotes a MiTek LumberLok Screw, #9 x 1-3/8" long and must be ordered separately if not purchasing the kit.
- 6) ADTT-TZKT is a kit with (4) ADTT-TZ packaged with MiTek's WS8-EXT screws and LL915 LumberLok screws.
- 7) **NAILS:** 10d x 1-1/2 nails are 0.148" dia. x 1-1/2" long.