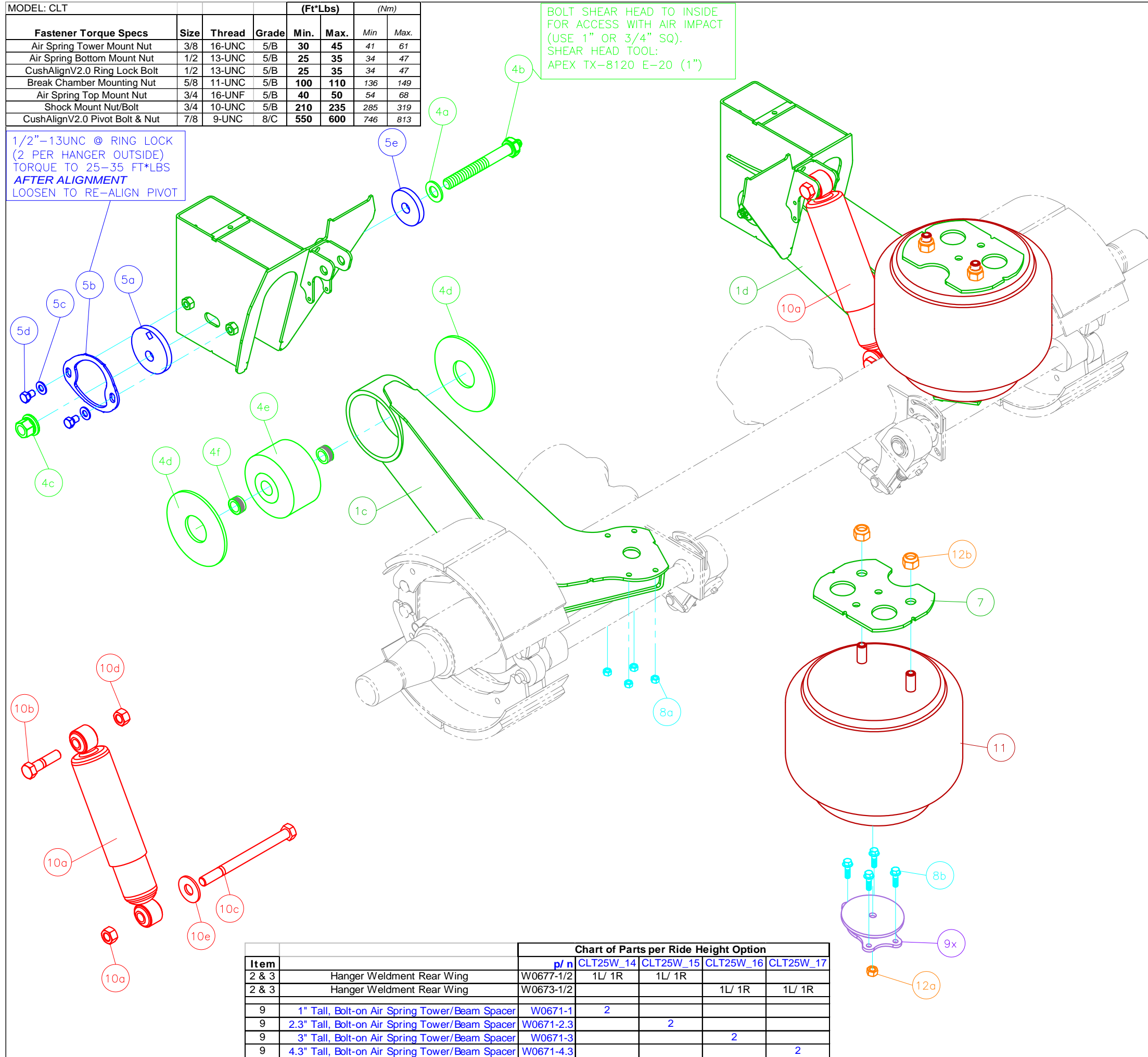


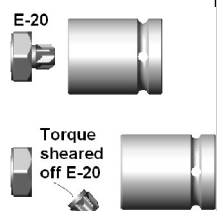
Fastener Torque Specs	Size	Thread	Grade	(Ft*Lbs)		(Nm)	
				Min.	Max.	Min	Max.
Air Spring Tower Mount Nut	3/8	16-UNC	5/B	30	45	41	61
Air Spring Bottom Mount Nut	1/2	13-UNC	5/B	25	35	34	47
CushAlignV2.0 Ring Lock Bolt	1/2	13-UNC	5/B	25	35	34	47
Break Chamber Mounting Nut	5/8	11-UNC	5/B	100	110	136	149
Air Spring Top Mount Nut	3/4	16-UNF	5/B	40	50	54	68
Shock Mount Nut/Bolt	3/4	10-UNC	5/B	210	235	285	319
CushAlignV2.0 Pivot Bolt & Nut	7/8	9-UNC	8/C	550	600	746	813

1/2"-13UNC @ RING LOCK
(2 PER HANGER OUTSIDE)
TORQUE TO 25-35 FT*LBS
AFTER ALIGNMENT
LOOSEN TO RE-ALIGN PIVOT

BOLT SHEAR HEAD TO INSIDE
FOR ACCESS WITH AIR IMPACT
(USE 1" OR 3/4" SQ).
SHEAR HEAD TOOL:
APEX TX-8120 E-20 (1")



Item	Description	CLT25W3X0	Qty/ Kit
1	H-Beam Weldment w/ bushings/ axle	W0690-Per Spec	1
1a	Axle per Customer Spec.	Per Spec Sheet	1
1b	Axle Seat Wrappers	B0658	4
1c	LH BigFOOT Topmount Beam	W0670-1	1
1d	RH BigFOOT Topmount Beam	W0670-2	1
2	LH Hanger Weldment Rear Wing	W06.-1 (Charted)	1
3	RH Hanger Weldment Rear Wing	W06.-2 (Charted)	1
4	Narrow Pivot Bushing Kit	VS-26321	1
4a	Washer 0.875" SAE Thru-Hard	H2101	2
4b	Auditorx HHCS 0.875"-9UNC x 7"lg grd8	H0137	2
4c	L'Nut, Securelok 0.875"-9UNC	H1106	2
4d	UHMW Wear Washer 3.13"ID x 7" OD x 3/16"thk	C0406	4
4e	Narrow Pivot Bushing Rubber, 3.63" long	C3511	2
4f	Bush insert reducer, 1.25"od x .91"ID	T0063	4
5	CushAlignV2.0 Kit (Ring-Lock)	K0420	2
5a	Diamond Ecc Alignment at Outside Hgr	F0823	1
5b	Ring Lock @ Hgr Outside	B1200	1
5c	Rack Lock Washer 1/2" SAE	H2204	2
5d	Rack Lock Bolts, HHCS 1/2"-13UNC x 3/4"lg	H0306	2
5e	Bearing Washer at Inside Hanger	F0626	1
7	Mounting Plate Air Spring Top	F0221	2
8	Kit, Air Spring Tower Mounting	K0421	1
8a	L'Nut, Toplock 0.375-16UNC	H1404	8
8b	WizLock Flange Bolt 0.375-16UNC x 1.25"Long	H0409	8
9	Bolt-on Air Spring Tower/ Beam Spacer (Charted/ RH)	W0671-Charted	2
Ala- Carte Parts		Cush P/ N:	Qty
10	Kit, Shocks & Shock Mounting Hardware (Pair)	K0040	1
10a	Shock 17.8"Max/12"Min (Monroe 11494 / Gabriel 8500d)	C0078	2
10b	HHCS, 0.75-10unc x 3.25"lg, Grd 5	H0204	2
10c	HHCS, 0.75-10unc x 9.5"lg, Grd 5	H0201	2
10d	Nut, Top-lock, 0.75-10unc, grd C	H1201	4
10e	Washer 3/4" ID, USS	H2203	2
11	Air Spring, (Goodyear 1R14-171 / Conti 11_10.5A-16 F523)	C0064	2
12	AS Hardware Kit Bagged Together	K0030	1
12a	Toplock nut 0.5-13UNC	H1301	2
12b	L'Nut, Nylock 0.75-16UNF	H1202	4



***AudiTorx (E-20) Installation & Inspection Notes:**

- Required Materials: E-20 Torx socket, 1-5/16" nut wrench, Air Impact wrench capable of 600 ft*lbs (813 N*m) Minimum, alignment tools.
- If a Torx E-20 socket is not available, torque bolt nut per 7/8" Grade 8 spec (550-600ft*lbs)
- DO NOT APPLY undercoating to the suspension hanger area until after axle alignment and pivot torque has been applied.
- Cush does not recommend reuse of pivot fastener hardware once the pivot connection is disassembled, use a new bolt and nut.
- Check for proper tire clearance with fastener hardware. The AudiTorx bolt should be installed from the inboard side of the frame hanger to allow access with an air impact when tires are on, if tire clearance is an issue with fastener hardware, then the shear-type bolt head should be installed from the outboard side.
- NOTE: Check for any flashing or obstructions to cause the bearing washers to be raised and not allow flush mounting against the hanger sides (gear or eccentric type).
- Check proper axle alignment, see installation manual for instructions on alignment.
- Snug the pivot fasteners so that the alignment washers do not move while applying initial torque, recheck alignment.
- Torque the shear-type pivot bolt with the E-20 Torx drive socket tool until the bolt's Torx head shears off.
- The E-20 Torx drive socket should fully engage the Torx shear head before and while applying torque.
- Apply paint to the sheared away Torx area as a rust preventative.

Item	p/ n	Chart of Parts per Ride Height Option				
		CLT25W_14	CLT25W_15	CLT25W_16	CLT25W_17	
2 & 3	Hanger Weldment Rear Wing	W0677-1/2	1L/ 1R	1L/ 1R		
2 & 3	Hanger Weldment Rear Wing	W0673-1/2			1L/ 1R	1L/ 1R
9	1" Tall, Bolt-on Air Spring Tower/Beam Spacer	W0671-1	2			
9	2.3" Tall, Bolt-on Air Spring Tower/Beam Spacer	W0671-2.3		2		
9	3" Tall, Bolt-on Air Spring Tower/Beam Spacer	W0671-3			2	
9	4.3" Tall, Bolt-on Air Spring Tower/Beam Spacer	W0671-4.3				2

DRAFTSMAN: JMK 02/22/11

CHECKED: . . .

RELEASED: . . .

WEIGHT: N/A

MATERIAL: SEE PART DWGS.

Part List Installation Sheet

25,000# Gross Suspension Weight Rating

25K 5" Rd Axle Beam

Weld-on Hanger Straight Hangers

SCALE: A-SIZE, B-SIZE 1:8, D-SIZE 1:4

PROJECT NO: 10020

PART/DRAWING NO: CLT25W3_X0N-PARTS

www.cushcorp.com