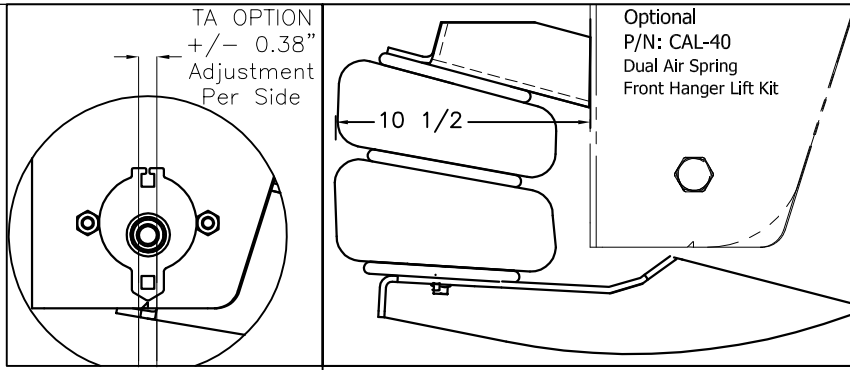
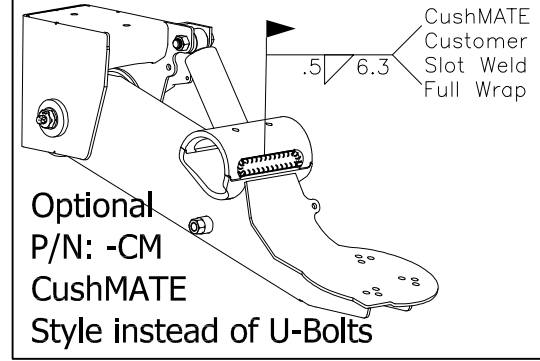
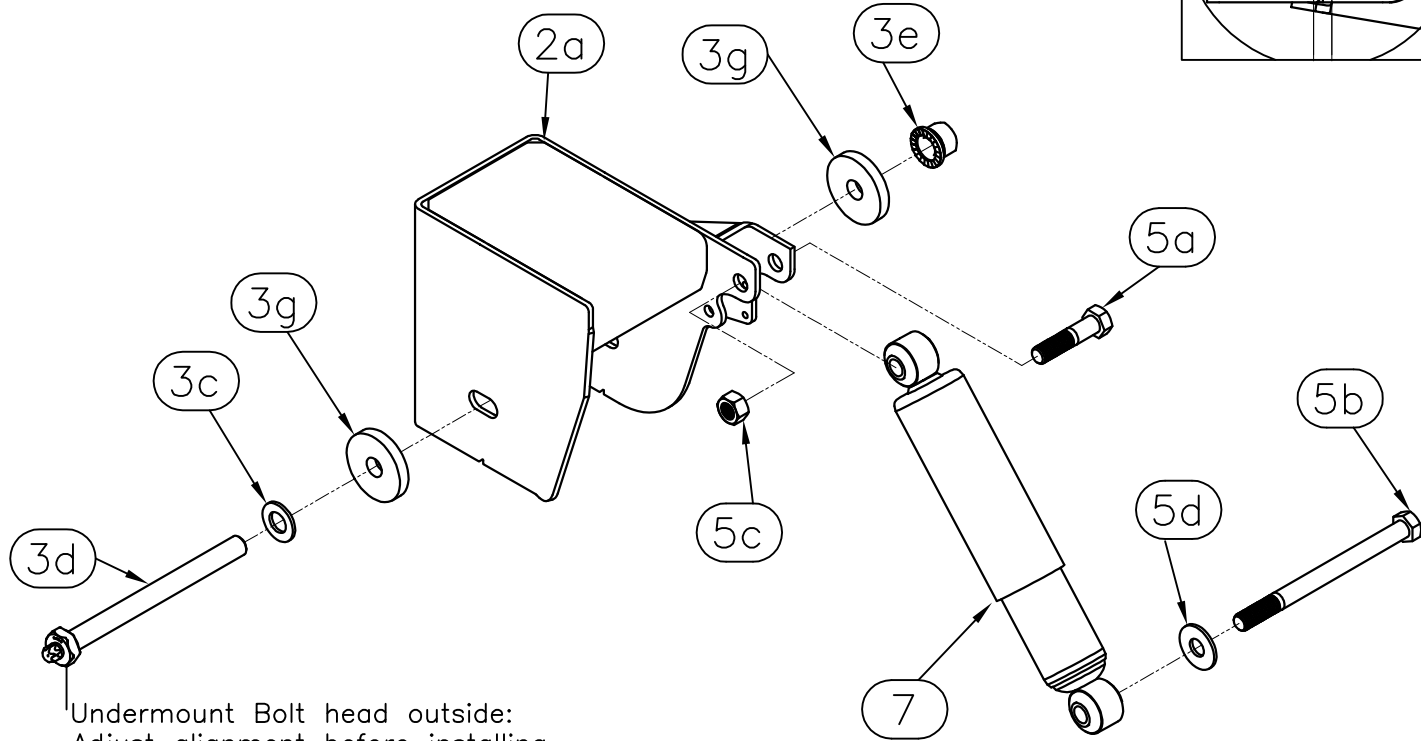


Fastener Torque Specs	Size	Thread	Grade	(Ft*Lbs)		(Nm)	
				Min.	Max.	Min	Max.
Air Spring Bottom Mount Bolt	1/2	13-UNC	5/B	40	50	54	68
Air Spring Top Mount Nut	3/4	16-UNF	5/B	40	50	54	68
Shock Mount Nut/Bolt	3/4	10-UNC	5/B	210	235	285	319
Pivot Nut (SecureLok/Securex)	7/8	9-UNC	8/C	550	600	746	813



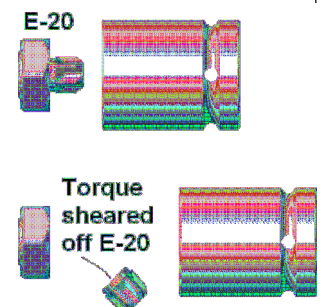
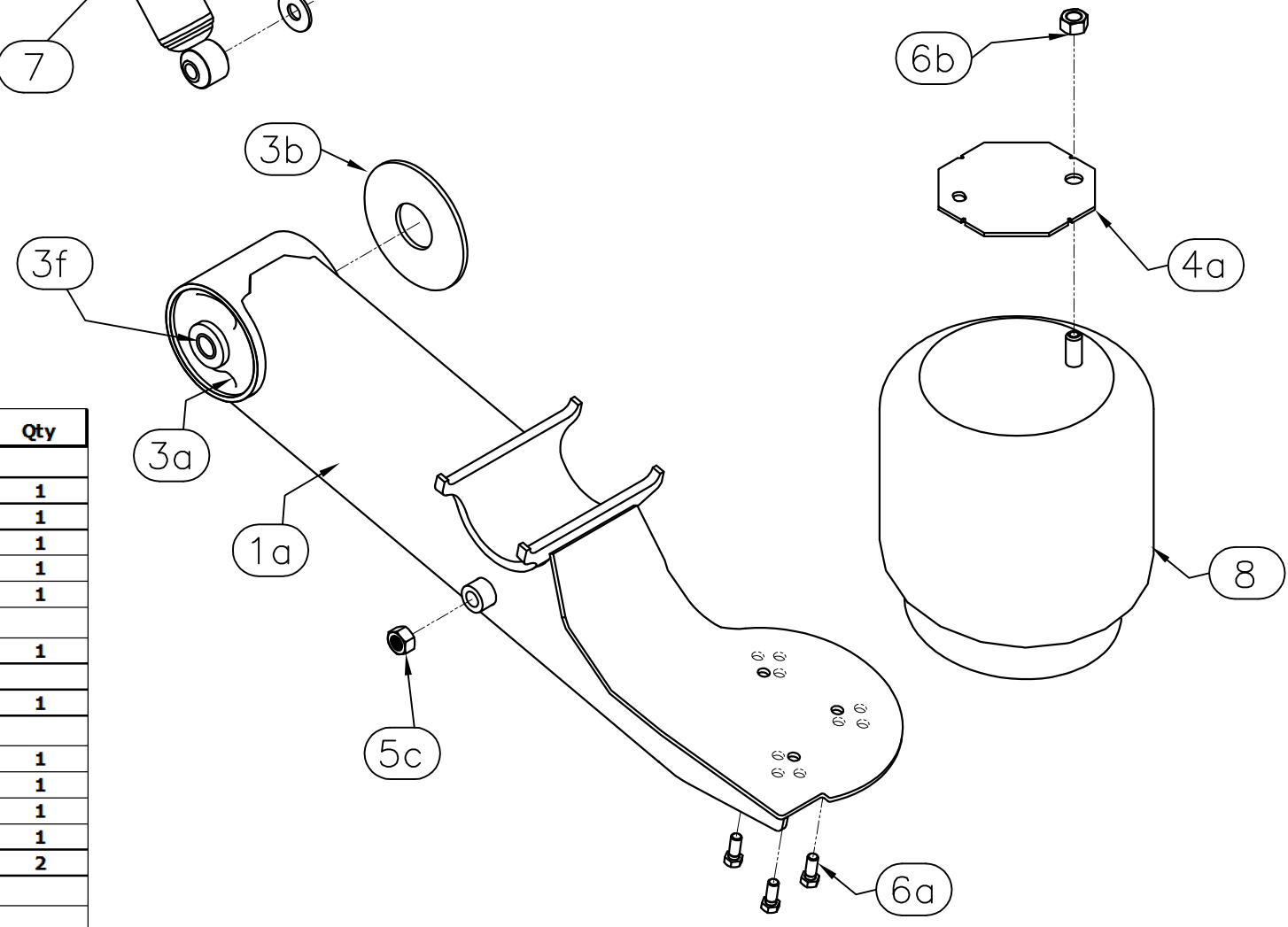
Item	Description: CP 250 U09 Parts	Cush P/N:	Qty
1	Beam Assembly		
1a	Roadside (LH) Beam for Weld-on axle mount	W0216-3	1
1b	Curbside (RH) Beam for Weld-on axle mount	W0216-4	1
2	Frame Bracket, Wingless, Weld-on (4.75")		
2a	Roadside (LH) Hanger, Trak-Align, P=8" Tall Hanger	W0450-1P	1
2b	Curbside (RH) Hanger, Trak-Align, P=8" Tall Hanger	W0450-2P	1
3	Pivot Bushing Kit (Per Hanger)	K0494	2
3a	Bushing, 6.75" Long 1.25" ID	C0052	1
3b	Wear Washer, 0.25" thk	C0061	1
3c	Washer 0.875" SAE Thru-Hard	H2101	1
3d	AudiTorx HHCS 0.875"-9 UNC x 10"lg grd8	H0124	1
3e	Nut, SecureLok Nut 0.875"-9 UNC	H1106	1
3f	Bushing Insert, Reducer from 1.25" OD to 0.9" ID	T0063	2
3g	Round Alignment Washer, Inner and Outer	F0626	2



Box of Parts: K0201		Cush P/N:	Qty
4	Spacer Assembly, Top of Air Spring		
4a	0.19" Tall spacer Weld-on Plate, Octagon	F0790	2
5	Hardware kit, Mounting for Shocks	K0020	1
5a	HHCS, 0.75-10unc x 3.25"lg, Grd 5	H0204	2
5b	HHCS, 0.75-10unc x 9.5"lg, Grd 5	H0201	2
5c	Nut, locking, 0.75-10unc, grd C	H1201	4
5d	Washer 3/4" ID, USS	H2203	2
6	Kit, Air Spring Mounting	K0054	1
6a	HHCS, Flangelock 0.5-13UNC x 1"	H0304	8
6b	L'Nut, Nylock 0.75-16UNF	H1202	2
7	Shock 17.75"Max/12"Min (Gabriel #85000)	C0062-G	2
8	Air Spring, Conti #1010-21P434 (Alt: Firestone #9580/GY #1R12-467)	C0060	2

Undermount Bolt head outside:
Adjust alignment before installing
tires, easier to get to w/Air Impact

On "Cush Performance" Suspensions, Cush reserves the right to provide suspension option upgrades at no additional charge to Customer without notice.



- *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 bolt 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.

Suffix	Add-On Suspensions Options	Part No	Qty
	Shock Options		
"-N1"	Shock Rebound Limiters for C0062, Nylon Shock strap kit (w/devises)	K1-C0062	1
"-S45"	Large bore 45mmHD shock absorber 3.12"OD (C0078)	C0078X2	1
"-NS45"	Large bore 45mmHD shock absorber (C0078) with Nylon Shock Strap Kit	K3-C0078	1
"-SI"	Cush mounted shocks, w/bolts loose (Standard is parts shipped loose in b	A0024	1
"-C"	Shock Chain Restraint under hanger kit (Cush Mounted, 1 kit/unit)	K0095-2-I	1
	Hanger Pivot Options		
"-TA"	Track-Align eccentric pivot adjustment upgrade from Slot-Adjust style	K0335X2	1
"-RL"	Rack Lock Kit/unit, Add-on option for Track-Align only	K0340X2	1
"-DW"	Dual wear washers inside of each hanger upgrade from only 1 to the insid	C0061X2	1
	Hanger & Air Spring Support Options		
"-X1"	Cross-Member 41" Long C4 x 5.4#/ft ("B"=35")	C0224-41	1
"-X2"	Cross-Member 47" Long C4 x 5.4#/ft ("B"=41")	C0224-48	1
"-XF"	Pair of Front Flat Wing Hanger Gussets	F0629X2	1
"-T12"	Large Diameter Air spring top plates, 12" diameter with Universal Mounts	F0407X2	1
"-HD"	Heavy Duty air springs, 30K air springs instead of 25K air springs	C0060-F	2
	Axle Connections		
"-CUBH"	Outside U-bolt only		
"-CM"	Replace u-bolts with customer weld on CushMATE full axle wrap cap Patent Pending		

DRAFTSMAN: jmk	1/02/05	PART LIST INSTALLATION SHEET	
CHECKED:		Cush Performance Underslung	
RELEASED:		25,000# Gross Suspension Weight Rating	
WEIGHT: N/A		6"-9.5" Nominal Ride Height	
MATERIAL: SEE PART DWGS.		WELD-ON, WINGLESS HANGER MOUNT	
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SHEET 2	SCALE: A-SIZE: NTS	REV: PART/DRAWING NO:	Options:
OF 3	B-SIZE	CP25U09	
	D-SIZE		

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