

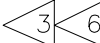









STANDARD & HIGH CONTROL TRAVEL DIMENSIONS FROM PAGE 1

RIDE HEIGHT	 JOUNCE	 REBOUND W/FRONT SHOCKS	 REBOUND W/REAR SHOCKS	BUMPER CONTACT	D	E	F	 H	 W/FRONT SHOCKS	 W/REAR SHOCKS
14.0	3.1	4.3	3.8	2.5	.1875	10.0	19.1	11.0	18.3	17.8
15.0	3.5	3.8	3.5	2.9	.1875	12.0	19.3	11.6	18.8	18.5
16.0	3.9	4.9	4.6	3.4	.1875	14.0	19.4	12.1	20.9	20.6
17.0	4.9	3.9	3.6	4.4	.1875	14.0	19.3	12.1	20.9	20.6

NOTES:

1. SEE L600 FOR SUSPENSION WEIGHT.
2. SEE L1073 FOR ALLOWABLE RIDE HEIGHT RANGES.

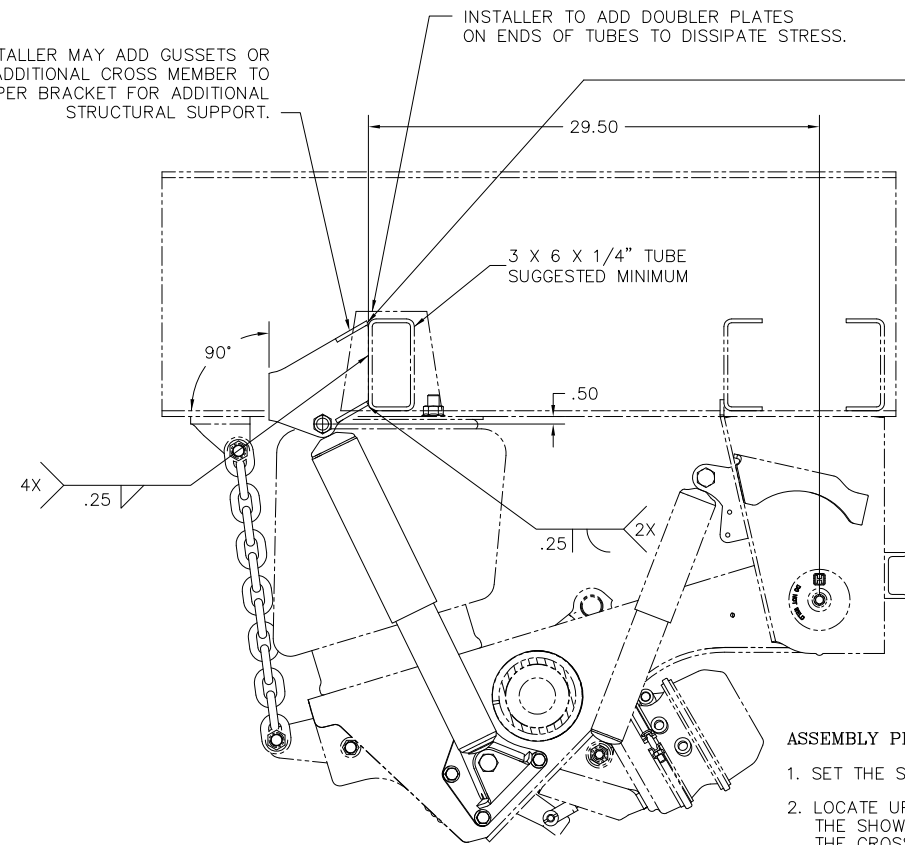
-  JOUNCE AND REBOUND DIMENSIONS CHANGE AS THE RIDE HEIGHT CHANGES FROM THE NOMINAL POSITION.
-  DIMENSIONS "H" & "J" WILL REMAIN CONSTANT REGARDLESS OF RIDE HEIGHT VARIATION FROM NOMINAL POSITION.
-  WHEN THE OPTION FOR FRONT AND REAR SHOCKS IS SELECTED, DIMENSIONS FROM "REBOUND WITH REAR SHOCKS" AND "J" WITH REAR SHOCKS SHOULD BE USED.
-  AIR DISC ONLY AVAILABLE WITH REAR SHOCKS

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INSTALLER MAY ADD GUSSETS OR AN ADDITIONAL CROSS MEMBER TO UPPER BRACKET FOR ADDITIONAL STRUCTURAL SUPPORT.

INSTALLER TO ADD DOUBLER PLATES ON ENDS OF TUBES TO DISSIPATE STRESS.

IT IS THE RESPONSIBILITY OF THE SUSPENSION INSTALLER TO ENSURE STRUCTURALLY ADEQUATE ATTACHMENT OF BRACKETS TO FRAME. IF THE REAR SHOCK OPTION IS USED WITH THE REBOUND LIMITER, THE UPPER SHOCK BRACKET ATTACHMENT MUST BE ABLE TO WITHSTAND A FORCE OF 2000 LB PER SHOCK ABSORBER. IF THE REAR SHOCK OPTION IS USED WITHOUT THE REBOUND LIMITER, THE UPPER SHOCK BRACKET ATTACHMENT MUST BE ABLE TO WITHSTAND A FORCE OF 5700 LB PER SHOCK ABSORBER.

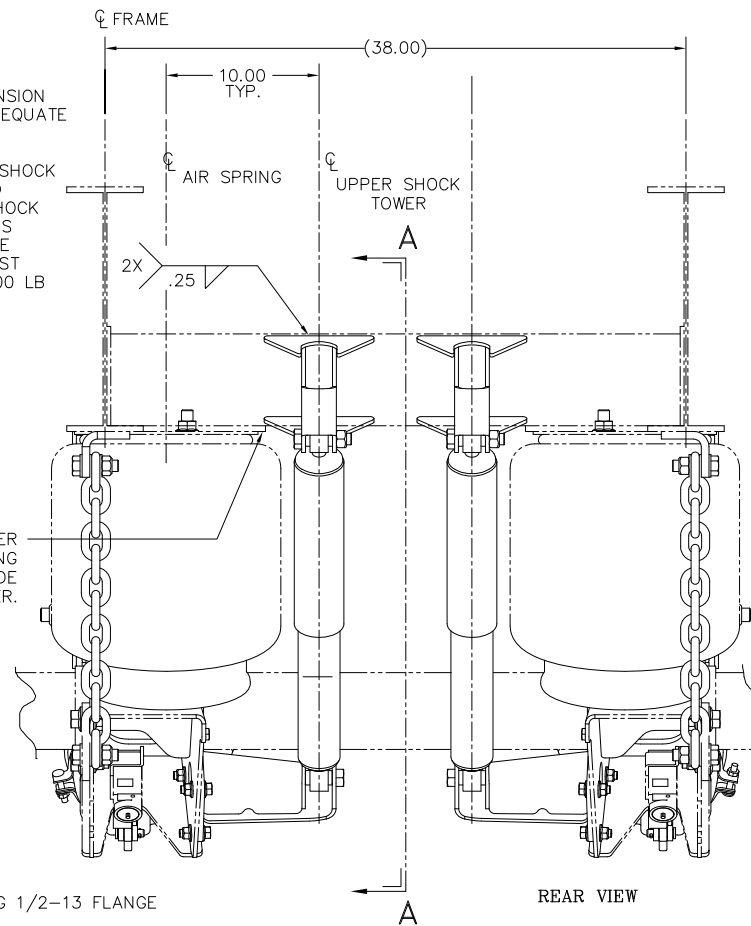


VIEW AA

SCALE: 1.0=1.0

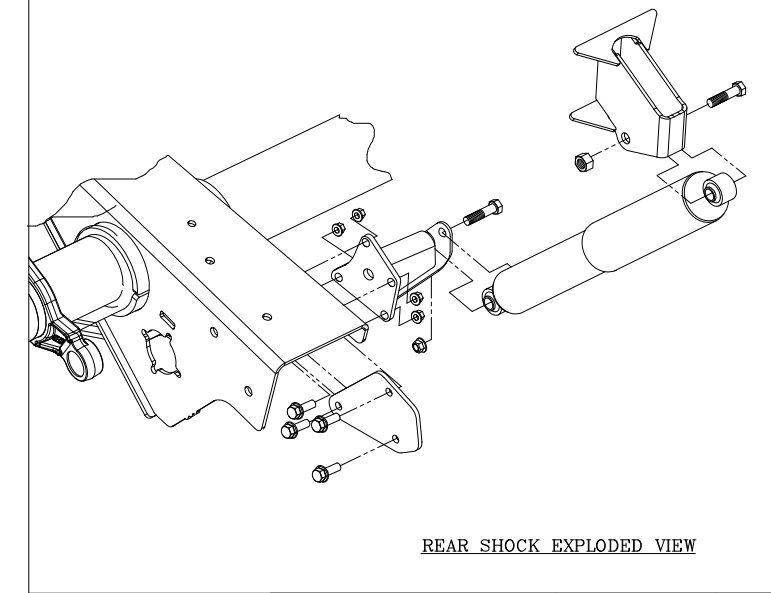
ASSEMBLY PROCEDURE FOR REAR MOUNTED SHOCK :

1. SET THE SUSPENSION TO RIDE HEIGHT.
2. LOCATE UPPER SHOCK BRACKET ACCORDING TO THE SHOWN DIMENSIONS AND WELD INTO PLACE. THE CROSSMEMBER MUST BE 6 X 3 X 1/4 MINIMUM TO WITHSTAND TORSION.
3. BOLT LOWER SHOCK TOWER BRACKET TO BEAM USING 1/2-13 FLANGE 1/2-13 FLANGE BOLTS AND LOCKING FLANGE NUTS.
4. BOLT TOP OF SHOCK TO UPPER BRACKET. BOLT BOTTOM OF SHOCK TO LOWER SHOCK TOWER BRACKET. TIGHTEN ALL FASTENERS TO SPECIFIED TORQUE.

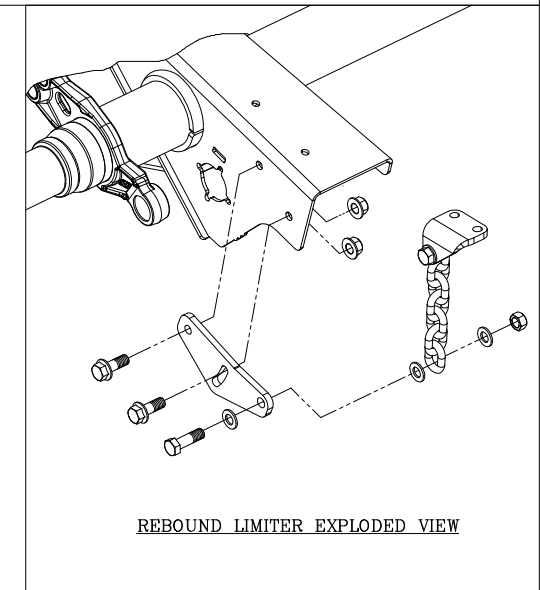


REAR VIEW

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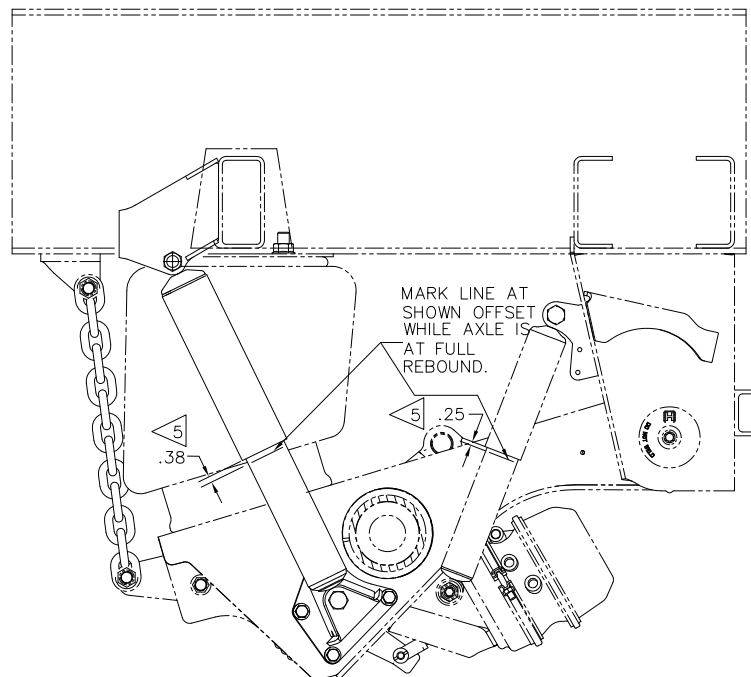


REAR SHOCK EXPLODED VIEW



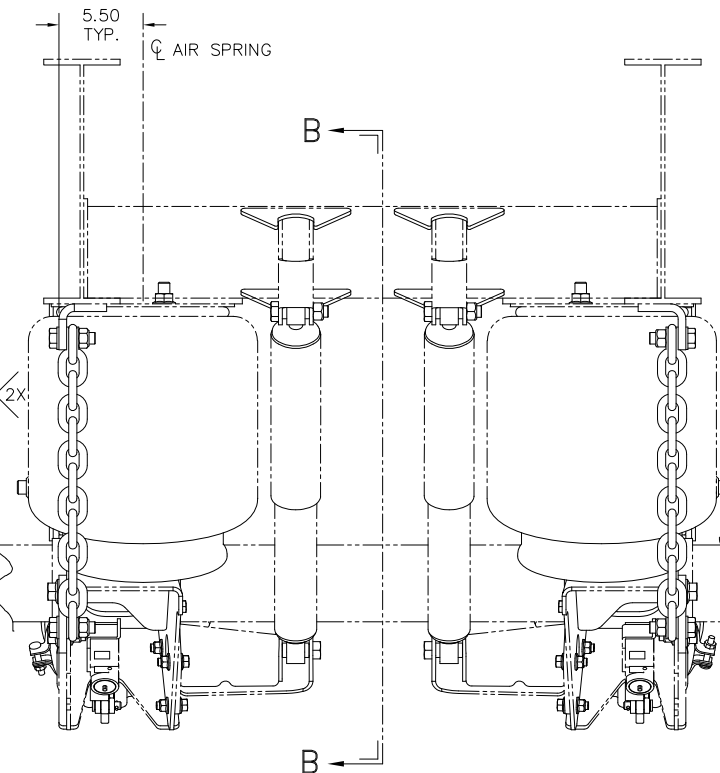
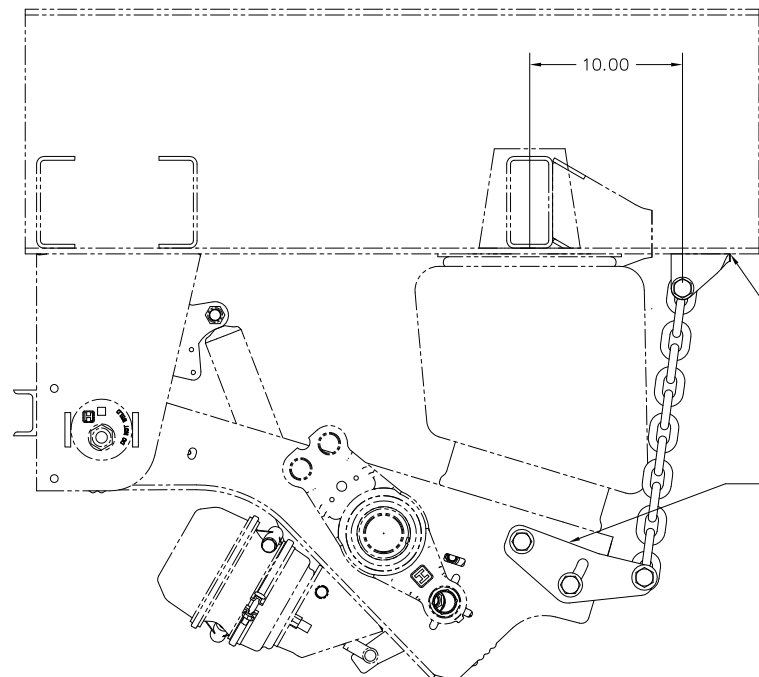
REBOUND LIMITER EXPLODED VIEW

TORQUE SPECIFICATIONS		
DESCRIPTION	SIZE	TORQUE (FT-LB)
SHOCK ABSORBER BOLTS	3/4-10	210-235
LOWER SHOCK TOWER BOLTS	1/2-13	100-110
LOWER CHAIN BRACKET BOLTS	5/8-11	190-200
CHAIN ATTACHMENT BOLTS	3/4-10	240-260



VIEW BB

SCALE: 1.0=1.0



ASSEMBLY PROCEDURE FOR REBOUND LIMITER :

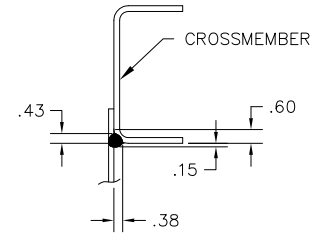
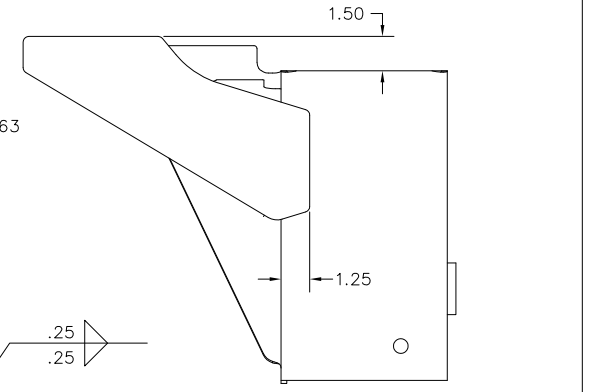
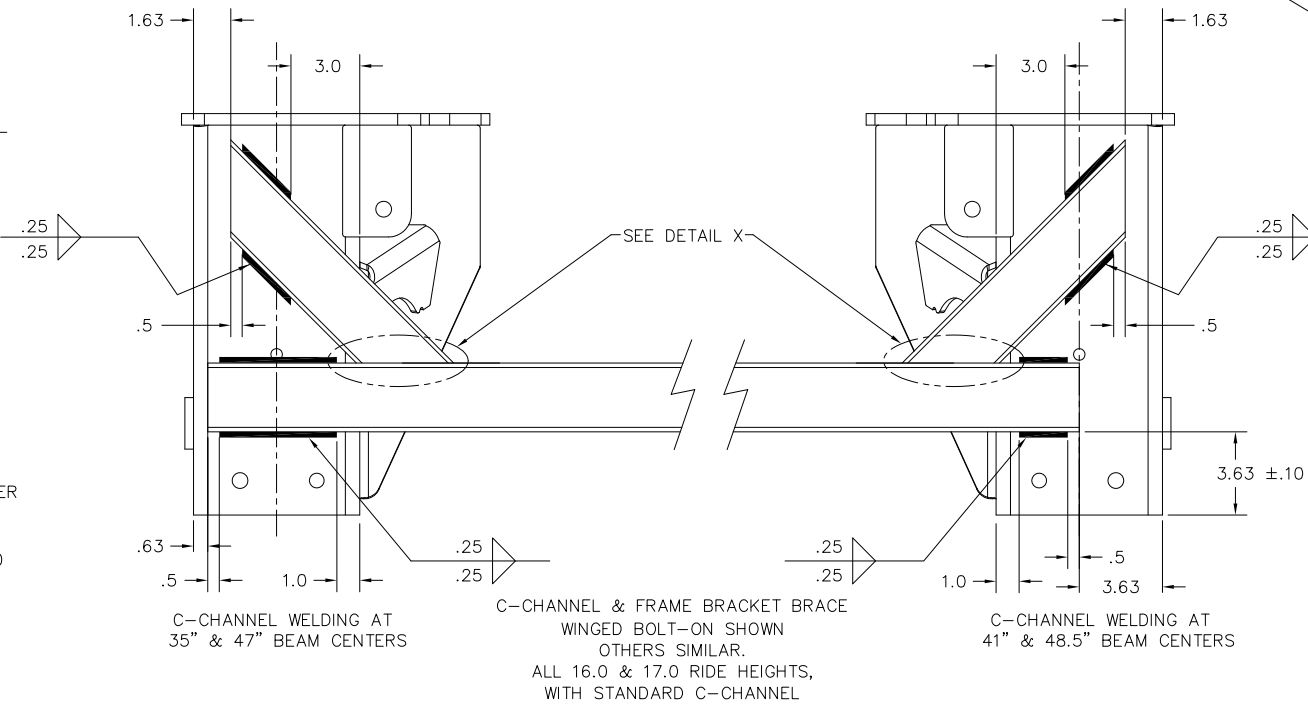
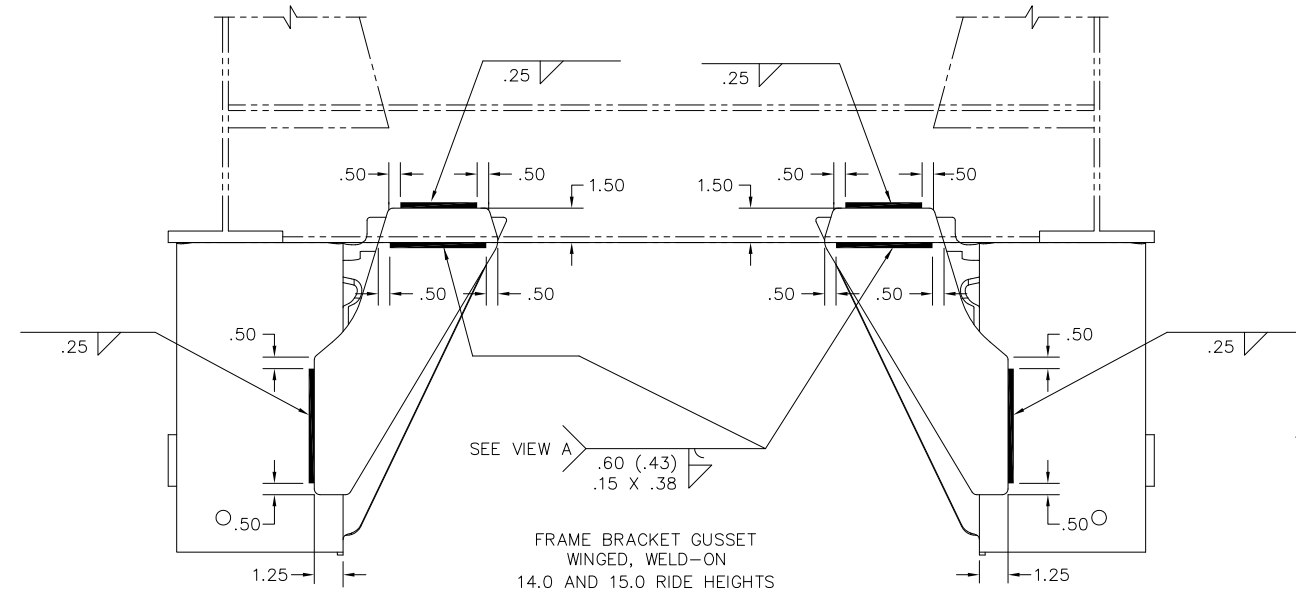
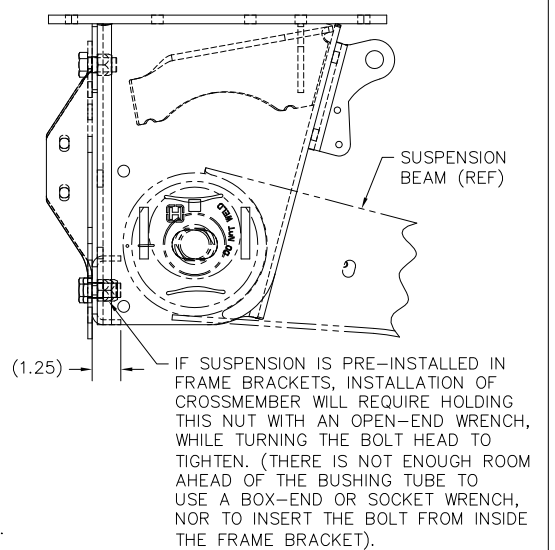
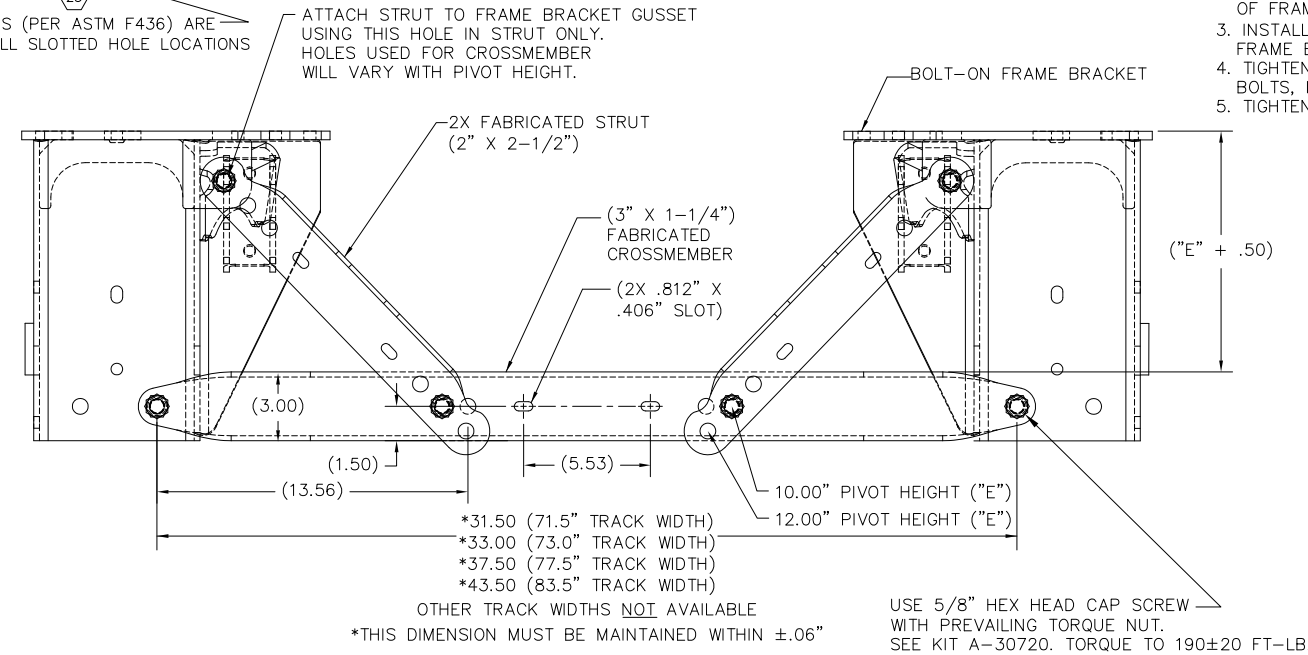
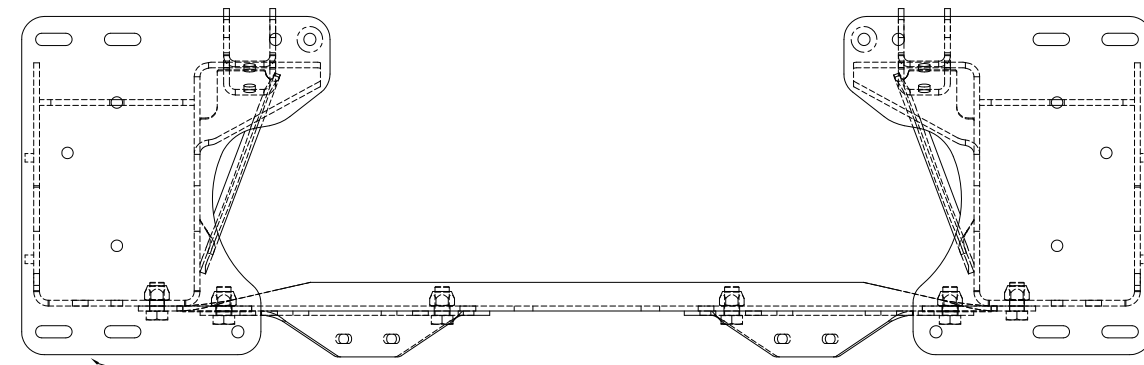
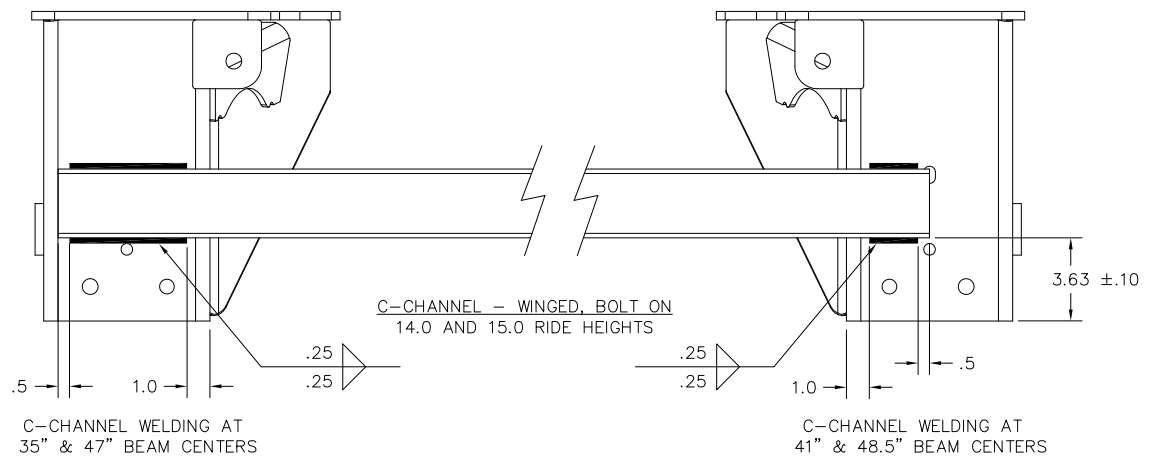
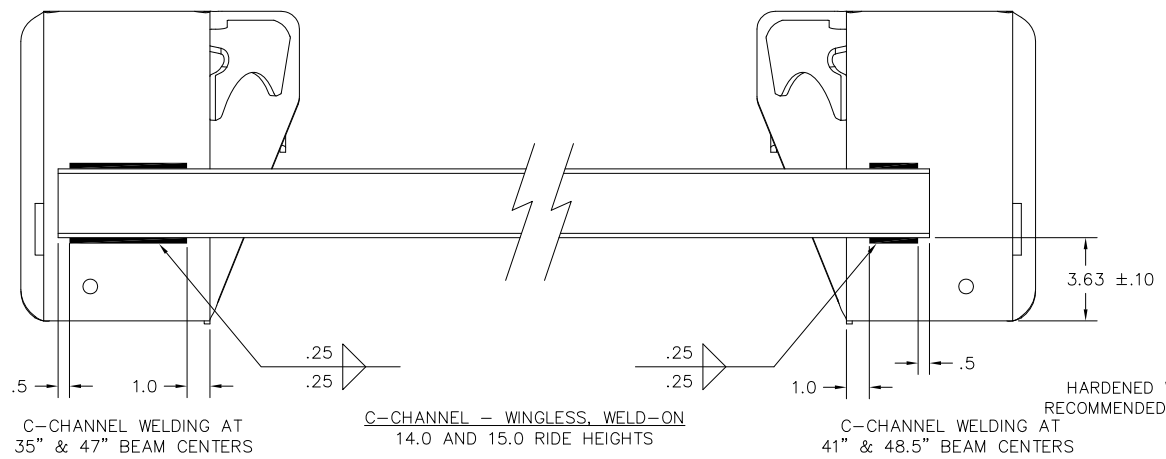
1. POSITION UPPER BRACKET ON FRAME AND WELD INTO PLACE. (POSITION OF LEFT AND RIGHT BRACKETS ARE SLIGHTLY DIFFERENT)
2. ATTACH LOWER BRACKETS TO SIDE OF SUSPENSION BEAM USING THE FOUR 5/8" FLANGE BOLTS AND NUTS. TIGHTEN NUTS LEAVING THE BRACKET LOOSE ENOUGH TO ALLOW ADJUSTMENT.
3. VERIFY THAT THE CHAINS HAVE THE CORRECT NUMBER OF LINKS INDICATED FOR THE APPLICATION'S RIDE HEIGHT.
4. LOWER THE SUSPENSION TO FULL REBOUND.
5. WITH SHOCK FULLY EXTENDED, MEASURE 3/8" OFFSET FROM THE BOTTOM EDGE OF THE SHOCK ABSORBER DUST TUBE AND MARK WITH A PAINT PEN OR FELT TIP MARKER. IF THE SUSPENSION IS NOT EQUIPPED WITH REAR SHOCKS, OFFSET 1/4" ON THE FRONT SHOCK AND MARK.
6. RAISE THE SUSPENSION UNTIL THE EDGE OF THE SHOCK ABSORBER DUST TUBE AND THE MARK ON BODY OF SHOCK ARE ALIGNED.
7. ASSEMBLE CHAIN TO LOWER BRACKET WITH BOLTS PROVIDED ON CHAIN.
8. ADJUST LOWER BRACKET ON SIDE OF SUSPENSION BEAM UNTIL ALL THE SLACK IS TAKEN OUT OF THE CHAIN. TIGHTEN ALL BOLTS AND TORQUE TO SPECIFICATION.
9. WELD TOP OF LOWER BRACKET TO SIDE OF SUSPENSION BEAM.

CHAIN LENGTH	
RIDE HEIGHT	NUMBER OF LINKS
14	14
15	13
16	15
17	15

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INSTALLATION SEQUENCE:

1. LOCATE FRAME BRACKETS ONTO TRAILER FRAME AND LOOSELY INSTALL MOUNTING BOLTS USING HARDENED WASHERS AT ALL SLOTTED HOLE LOCATIONS.
2. INSTALL CROSSMEMBER, USING 5/8" MOUNTING HOLES ON FRONT OF FRAME BRACKETS.
3. INSTALL STRUTS, USING 5/8" MOUNTING HOLES IN FRAME BRACKET GUSSET AND CROSSMEMBER.
4. TIGHTEN CROSSMEMBER MOUNTING BOLTS AND STRUT MOUNTING BOLTS, IF PRESENT.
5. TIGHTEN FRAME BRACKET MOUNTING BOLTS.



SUSPENSION CAPACITY-- FRAME ATTACHMENT-- FRAME BRACKET STYLE-- RIDE HEIGHT	FRAME BRACKET BRACING AAEDT 30K		
	WINGED	WINGLESS	BOLT-ON WINGED
14.0	FRAME BRACKET GUSSET REQUIRED	C-CHANNEL REQUIRED	C-CHANNEL REQUIRED
15.0	FRAME BRACKET GUSSET REQUIRED	C-CHANNEL REQUIRED	C-CHANNEL REQUIRED
16.0	C-CHANNEL & FRAME BRACKET BRACE REQUIRED		C-CHANNEL & FRAME BRACKET BRACE REQUIRED
17.0	C-CHANNEL & FRAME BRACKET BRACE REQUIRED		C-CHANNEL & FRAME BRACKET BRACE REQUIRED

IT IS THE RESPONSIBILITY OF THE SUSPENSION INSTALLER TO PROVIDE AN EQUIVALENT FRAME BRACKET SUPPORT IF THE FRAME BRACKET BRACING IS NOT PURCHASED FROM HENDRICKSON.