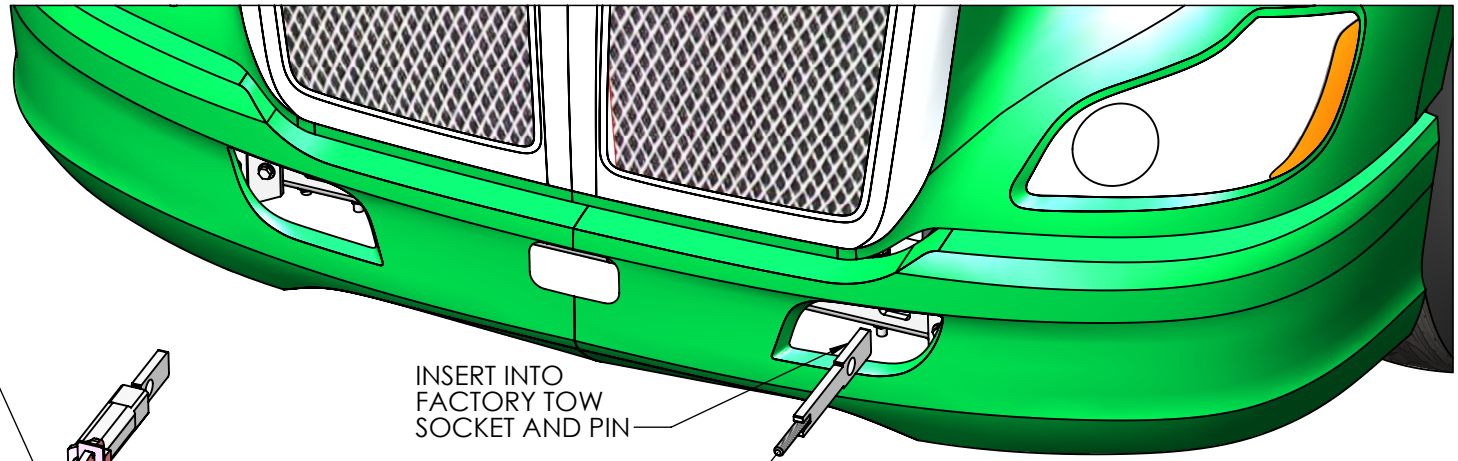


ONLY USE FASTENERS AND GRADES SPECIFIED

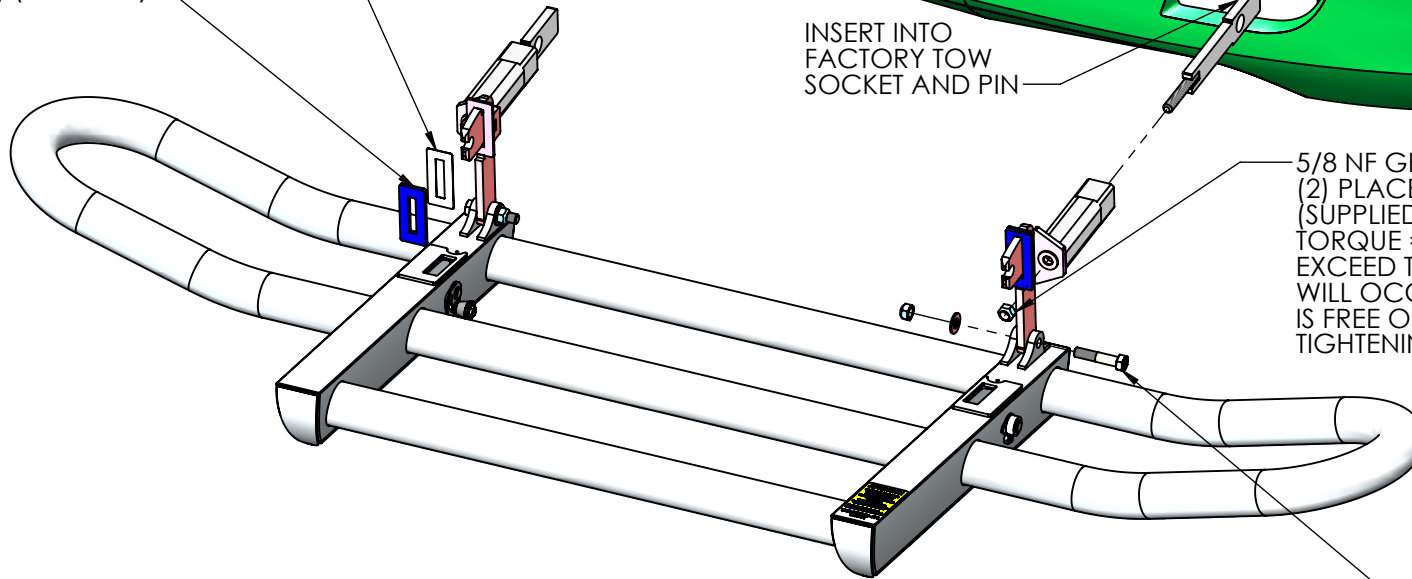
INSPECT TOW SOCKETS BEFORE INSTALL FOR CASTING FLASH. GRIND SMOOTH IF FOUND TO ALLOW PROPER FIT OF THE BUMPER BRACKETS.



WHITE SHIM (6) (SUPPLIED)

BLUE ANTIRATTLE PAD (2) (SUPPLIED)

INSERT INTO FACTORY TOW SOCKET AND PIN



5/8 NF GR.C STOVER NUT (2) PLACES TYP. (SUPPLIED) TIGHTEN SECURELY (2): TORQUE = 210 FT LB. DO NOT EXCEED THIS VALUE OR DAMAGE WILL OCCUR. ENSURE THAT STUD IS FREE OF LUBRICATION BEFORE TIGHTENING.

IMPORTANT:

AFTER BUMPER IS INSTALLED, CHECK BUMPER IN CLOSED POSITION FOR MOVEMENT. IF MOVEMENT IS FOUND, OPEN THE LATCHES AND INSTALL WHITE SHIMS ON THE BACK OF ANTIRATTLE PAD UNTIL THE MOVEMENT IS GONE.

5/8 NC X 2" GR.8 CAPSCREW
GR.8 WASHERS
5/8 NC GR.C STOVER NUT (2) PLACES TYP. (SUPPLIED)

FOR MORE DETAILS PLEASE CHECK OUT OUR INSTRUCTIONAL VIDEO AT [HTTP://MAGNUMTRAILER.COM/TUBE-BUMPER-ADJUSTMENT/](http://MAGNUMTRAILER.COM/TUBE-BUMPER-ADJUSTMENT/)



FRACTIONS CHART					
1/32	.03125	9/32	.28125	17/32	.53125
1/16	.0625	5/16	.3125	9/16	.5625
3/32	.09375	11/32	.34375	13/16	.8125
1/8	.125	3/8	.375	5/8	.625
5/32	.15625	13/32	.40625	21/32	.65625
3/16	.1875	7/16	.4375	11/16	.6875
7/32	.21875	15/32	.46875	23/32	.71875
1/4	.25	1/2	.5	3/4	.75

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

FRACTIONS ANGLES
+/- 1/16" +/- 1deg

DIMENSIONS TO SHARP POINTS

SHEET NAME BUMPER INSTALL		TITLE 17166 BUMPER ON KENWORTH T-680 2013		
CURRENT CUSTOMER	STOCK NUMBER	VENDOR NUMBER	WEIGHT - LB. 101.	
WO#	DRAWN BY BNS	DRAWING DATE 1/23/2014	REV. B	
SCALE 1:12	MODELLER BNS	DRAWING NUMBER AA-29312	NUMBER OF SHEETS 1	