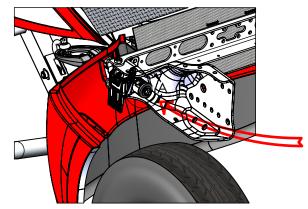
INSTALL STEPS

- 1) REMOVE NUTS, WASHERS AND SUPPORT SPACERS FROM STUDS - 2 PLACES.
- 2) OPEN THE HOOD AND REMOVE THE SRPINGS AND SHOULDER WASHERS IN THE BACK OF THE TOW SOCKETS. CLOSE THE HOOD.
- 3) WITH BUMPER IN THE CLOSED POSITION SLIDE THE BRACKETS INTO THE TOW SOCKETS.
- 4) CAREFULLY OPEN BUMPER, ENSURING IT DOES NOT SLIP OUT OF THE TOW SOCKETS.
- 5) OPEN TRUCK HOOD AND INSTALL NUTS, WASHERS AND SUPPORT SPACERS AS SHOWN IN DETAIL A AND CROP VIEW.
- 6) FULLY TIGTHEN NUTS ONTO STUD. TORQUE = 210 FT-LB. DO NOT EXCEED THIS VALUE OR STRIPPING WILL OCCUR. ENSURE THAT STUD IS FREE OF LUBRICATION BEFORE TIGHTENING TO THIS VALUE.
- IF LOCTITE IS USED DECREASE TORQUE VALUE ACCORDING TO THE MANUFACTURERS RECOMMENDATION.
- 7) CLOSE HOOD AND BUMPER.
- 8) CHECK THE BUMPER FOR FREE MOVEMENT AND IF IDENTIFIED ADD ONE OR MORE WHITE SHIMS AS PER MAGNUM INSTRUCTIONS. CONGRATULATIONS, THE INSTALL IS NOW COMPLETE.





VISIBLE ON SECOND SHEET WHEN THE BUMPER IS CLOSED NUTS, SPRING WASHERS AND SUPPORT SPACERS ARE INSTALLED AFTER BUMPER IS "PLUGGED" INTO TOW SOCKETS SEE DETAIL "A" AND CROP VIEW

NOTE: TOW SHACKLE & CLEVIS

NOT VISIBLE IN THIS VIEW,

-SUPPORT SPACER FENDER WASHER SPRING WASHER STOVER NUT CONCAVE SPRING WAS

SIDE

CROP VIEW

MAGNUM TRAILER	FRACTIONS CHART				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	sheet name Sheet1	17228 BUMPER ON 2017 FREIGHTLINER CASCADIA EVO		
& EQUIPMENT INC.	1/32 .03125 1/16 .0625 3/32 .09375	9/32 .28125 5/16 .3125 11/32 .34375	17/32 .53125 9/16 .5625 19/32 .59375	25/32 .78125 13/16 .8125 27/32 .84375		CURRENT CUSTOMER	STOCK NUMBER	VENDOR NUMBER	WEIGHT - LB. 132.
	1/8 .125 5/32 .15625 3/16 .1875	3/8 .375 13/32 .40625 7/16 .4375	5/8 .625 21/32 .65625 11/16 .6875	7/8 .875 29/32 .90625 15/16 .9375	$\pm 1/1/1'' \pm 1/1dog$	WO#		DRAWN DATE 3/30/2017	REV.
	7/32 .21875 1/4 .25	15/32 .46875 1/2 .5	23/32 .71875 3/4 .75	31/32 .96875	DIMENSIONS TO SHARP POINTS	1:4	HM	AA-44591	NUMBER OF SHEETS

44591





