

**MAGNUM TRAILER  
&  
EQUIPMENT INC.**

**MAGNUM**

#### FRACTIONS CHART

1/32	.03125	9/32	.28125	17/32	.53125	25/32	.78125
1/16	.0625	5/16	.3125	9/16	.5625	13/16	.8125
3/32	.09375	11/32	.34375	19/32	.59375	27/32	.84375
1/8	.125	3/8	.375	5/8	.625	7/8	.875
5/32	.15625	13/32	.40625	21/32	.65625	29/32	.90625
3/16	.1875	7/16	.4375	11/16	.6875	15/16	.9375
7/32	.21875	15/32	.46875	23/32	.71875	31/32	.96875
1/4	.25	1/2	.5	3/4	.75		

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES  
TOLERANCES ARE:

FRACTIONS	ANGLES
+/- 1/16"	+/- 1°
.XX"	.XXX"
+/- 0.03"	+/- 0.005"

DIMENSIONS TO SHARP POINTS

SHEET NAME

STEP 1

CURRENT CUSTOMER

WO#

SCALE

1:6

TITLE

**17281 RADAR BUMPER ON 2014 KENWORTH T-880**

STOCK NUMBER

VENDOR NUMBER

WEIGHT - LB.

392

DRAWN BY

DRAWN DATE

7/29/2021

CHECKED BY

LS

CHECKED DATE

8/11/2021

REV.

MODELLER

DP

DRAWING NUMBER

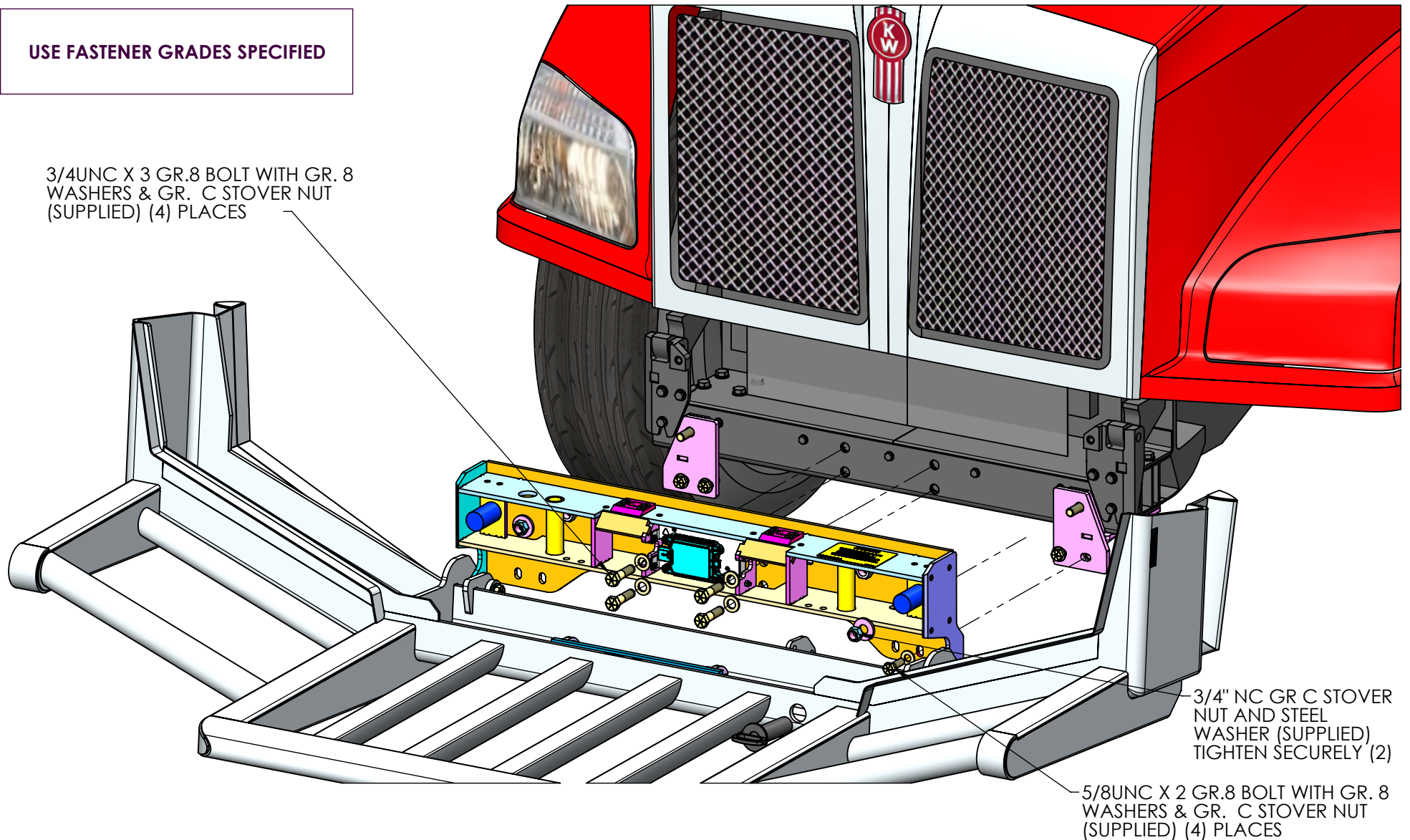
**AA-59048**

NUMBER OF SHEETS

3

USE FASTENER GRADES SPECIFIED

3/4UNC X 3 GR.8 BOLT WITH GR. 8  
WASHERS & GR. C STOVER NUT  
(SUPPLIED) (4) PLACES



3/4" NC GR C STOVER  
NUT AND STEEL  
WASHER (SUPPLIED)  
TIGHTEN SECURELY (2)

5/8UNC X 2 GR.8 BOLT WITH GR. 8  
WASHERS & GR. C STOVER NUT  
(SUPPLIED) (4) PLACES

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DIMENSIONS TO SHARP POINTS

SHEET NAME

STEP 2

CURRENT CUSTOMER

WO#

SCALE

1:12

TITLE

17281 RADAR BUMPER ON 2014 KENWORTH T-880

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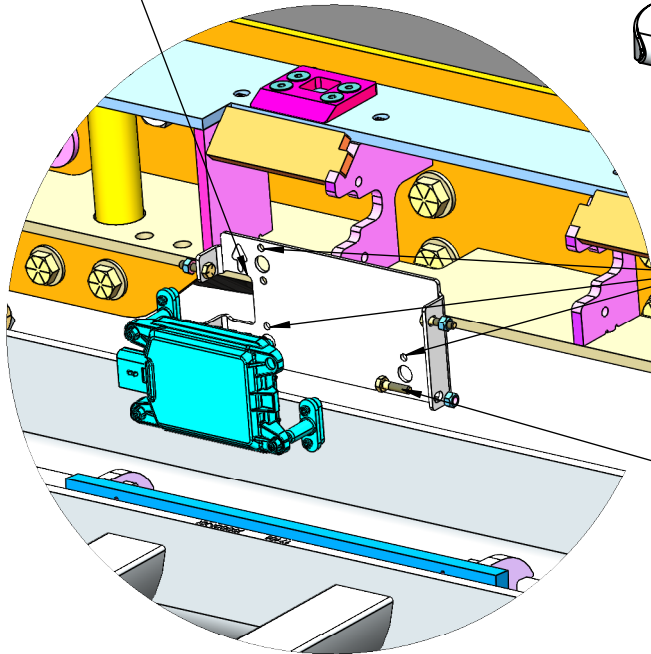
AA-59048

NUMBER OF SHEETS

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USE ONLY FASTENERS AND  
GRADES SPECIFIED

**STEP 2:**  
RECONNECT RADAR TO THE  
TRUCK (USE BRACKET SLOT TO FISH  
RADAR CABLE)



**DETAIL A**  
**SCALE 1 : 6**

**STEP 1:**  
INSTALL RADAR INTO RADAR BRACKET  
SUPPLIED REUSING ORIGINAL ADJUSTABLE  
STAND-OFF AND FASTENERS

**STEP 3:**  
MOUNT RADAR BRACKET WITH RADAR  
INSTALLED ON IT USING 1/4" NC X 1"  
GR.5 AND GR.C STOVER NUTS (SUPPLIED)  
4 PLACES

**NOTE:**  
IF EQUIPPED, RADAR MUST BE REMOVED BEFORE BUMPER INSTALLATION.

**RADAR MUST BE RE-CALIBRATED AFTER BUMPER INSTALLATION.**  
**CALIBRATION CAN ONLY BE DONE BY AUTHORIZED PERSONNEL**

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**DIMENSIONS TO SHARP POINTS**

**SHEET NAME**  
**RADAR INSTALL**

CURRENT CUSTOMER

**WO#**

SCALE

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