

5/8" NC x 2" GR 8 CAP SCREW
 5/8" NC GR C STOVER NUT
 AND 5/8" GR 8 WASHERS
 (4 PLACES) (NOT SUPPLIED)

M12 X 1.75 X 40 CLASS 10.9 CAP SCREW
 M12 DIN125A 200HV WASHERS
 (1/2 GR 8 WASHERS OK)
 (4 PLACES) (NOT SUPPLIED)

47" OUTSIDE FACES

1. REMOVE FACTORY BUMPER
2. REMOVE FACTORY FOG LAMPS AND KEEP FOR REINSTALLATION
3. ATTACH STEEL MOUNT BRACKETS TO TRUCK FRAME USING HARDWARE SHOWN.
4. ENSURE BRACKETS ARE:
 - LEVEL
 - SPACED TO THE DIMENSION INDICATED
 - SPACED SYMETRICALLY ABOUT TRUCK Q

**OPEN AND CLOSE HOOD CAREFULLY
 UNTIL FINAL FIT IS COMPLETE TO PREVENT
 DAMAGE TO TRUCK HOOD AND GUARD**



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	19/32	.59375
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
				25/32	.78125
				13/16	.8125
				27/32	.84375
				7/8	.875
				29/32	.90625
				15/16	.9375
				31/32	.96875

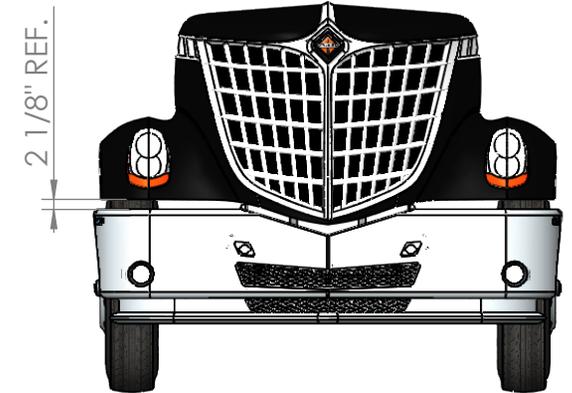
UNLESS OTHERWISE SPECIFIED
 DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS ANGLES
 +/- 1/16" +/- 1°
 .XX" .XXX"
 +/- 0.03" +/- 0.005"
 DIMENSIONS TO SHARP POINTS

SHEET NAME Sheet1		TITLE 17108 GUARD ON INTERNATIONAL LONESTAR 2009			
CURRENT CUSTOMER		STOCK NUMBER		VENDOR NUMBER	
WO#		DRAWN BY BS		WEIGHT - LB. 512.	
SCALE 1:8		DRAWN DATE 5/6/2010		CHECKED DATE	
		MODELLER BS		REV. A	
		DRAWING NUMBER AA-22244		NUMBER OF SHEETS 1	

SILICONE TOP OF BRACKET AND UP TO ARROW BOTH SIDES TYP (2)

SLIDE LAMP DOWNWARD INTO POSITION AND BOLT THRU

5/8" NC x 2" GR 8 CAP SCREW
5/8" NC GR C STOVER NUT
AND 5/8" GR 8 WASHERS
(4 PLACES PER SIDE) (SUPPLIED)



1. INSTALL FACTORY FOG LIGHTS INTO MAGNUM MOOSE GUARD
2. INSTALL MAGNUM GUARD ON TRUCK USING HARDWARE SHOWN
3. CHECK THAT GUARD IS CENTERED AND ADJUST GUARD HEIGHT AS SHOWN.
4. CAREFULLY OPEN HOOD AND CHECK CLEARANCE. MINIMUM 3/8" CLEARANCE REQUIRED BETWEEN HOOD AND MAGNUM MOOSE GUARD.
5. ADJUST GUARD POSITION AS REQUIRED. RE-CHECK CLEARANCES

**OPEN AND CLOSE HOOD CAREFULLY
UNTIL FINAL FIT IS COMPLETE TO PREVENT
DAMAGE TO TRUCK HOOD AND GUARD**

**MAGNUM TRAILER
&
EQUIPMENT INC.**



FRACTIONS CHART

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1/4	.25	1/2	.5	3/4	.75		

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DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

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+/- 0.03"	+/- 0.005"

DIMENSIONS TO SHARP POINTS

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GUARD INSTALL		17108 GUARD ON INTERNATIONAL LONESTAR 2009			
CURRENT CUSTOMER	STOCK NUMBER	VENDOR NUMBER		WEIGHT - LB.	
				512.	
WO#	DRAWN BY	DRAWN DATE	CHECKED BY	CHECKED DATE	REV.
	BS	5/6/2010			A
SCALE	MODELLER	DRAWING NUMBER			NUMBER OF SHEETS
1:10	BS	AA-22244			1