

5/8" NC X 1 3/4" GR. 8 BOLT WITH
(2) 5/8" GR. 8 WASHERS AND
5/8" NC GR. C STOVER NUT
(6) PLACES (SUPPLIED)

5/8" NC X 4 1/2" GR. 8 BOLT
WITH (2) 5/8" GR. 8 WASHERS
AND 5/8" NC GR. C STOVER NUT
(4) PLACES (SUPPLIED)

28654M

****DO NOT REMOVE OUTER BOLTS****

28654

1/2" NC X 1 1/2" GR. 8 BOLT
WITH (2) 1/2" GR. 8 WASHERS
AND 1/2" NC GR. C STOVER NUT
(2) PLACES (NOT SUPPLIED)

1/2" NC X 1 3/4" GR. 8 BOLT
WITH (2) 1/2" GR. 8 WASHERS
AND 1/2" NC GR. C STOVER NUT
(4) PLACES (SUPPLIED)

1/2" NC X 3 3/4" GR. 8 BOLT
WITH (2) 1/2" GR. 8 WASHERS
AND 1/2" NC GR. C STOVER NUT
(3) PLACES (SUPPLIED)

1 - REMOVE INNER CENTER (3) BOLTS FROM TRUCK X/M BEFORE BUMPER INSTALL

2 - INSTALL BUMPER

3 - INSERT SPACERS AND SHIM WITH WASHERS TO SUIT BEFORE TIGHTENING

REMOVE FACTORY BUMPER BRACKETS AND DISCARD
INSTALL SUPPLIED BRACKETS TO TRUCK WITH ORIGINAL FASTENERS

SEE SHEET 2 FOR BACK VIEW DETAILS

MAGNUM TRAILER & EQUIPMENT INC.



PROCESS CODES

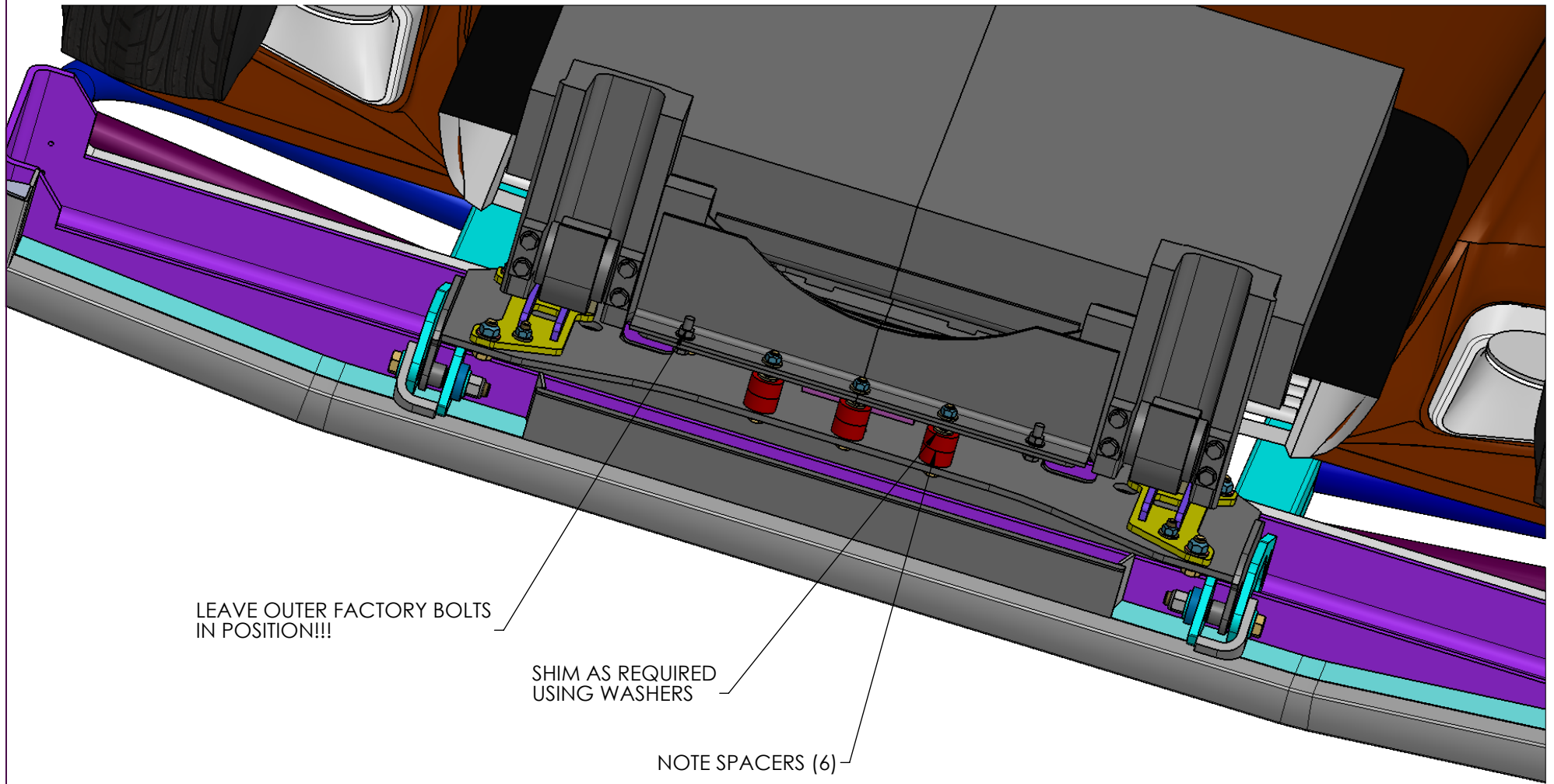
- | | |
|---------------------------|----------------------|
| A - MODIFY SURFACE FINISH | Q - PAINT OR COATING |
| B - BURN (FLAME) | R - ROLLED |
| C - CUT TO LENGTH | S - SHEAR |
| D - DRILL | T - TRIM |
| F - FORM | V - LAYOUT |
| H - HI DEF PLASMA | W - WATER CUT |
| K - CAST | X - EXTRUDE |
| L - LASER | Y - MODIFY |
| M - MACHINE | Z - HEAT TREAT |
| P - PUNCH | |

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

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

DIMENSIONS TO SHARP POINTS

REV.	CHANGES OR ADDITIONS	DATE	REV. BY
SHEET NAME Sheet1	TITLE 17115 BUMPER ON 2011 FREIGHTLINER CORONADO		
CURRENT CUSTOMER	STOCK NUMBER	VENDOR NUMBER	WEIGHT - LB.
WO#	DRAWN BY GW	DRAWN DATE 11/23/2012	REV.
SCALE 1:12	MODELLER BS	DRAWING NUMBER AA-23077	NUMBER OF SHEETS 2



MAGNUM TRAILER & EQUIPMENT INC.

PROCESS CODES

- | | |
|---------------------------|----------------------|
| A - MODIFY SURFACE FINISH | Q - PAINT OR COATING |
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UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

FRACTIONS $\pm 1/16"$ ANGLES $\pm 1deg$

DIMENSIONS TO SHARP POINTS

SHEET NAME

Sheet2

CURRENT CUSTOMER

WO#

SCALE

1:8

TITLE

17115 BUMPER ON 2011 FREIGHTLINER CORONADO

STOCK NUMBER

VENDOR NUMBER

WEIGHT - LB.

DRAWN BY

GW

DRAWN DATE

11/23/2012

REV.

MODELLER

BS

DRAWING NUMBER

AA-23077

NUMBER OF SHEETS

2