

BOSS PRODUCTS  
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**1987 & OLDER CHEVROLET  
RT II™ UNDERCARRIAGE  
MOUNTING INSTRUCTIONS  
(PART NO. LTA03540)**

# **WARNING**

MANY NEWER TRUCKS ARE EQUIPPED WITH AIR BAGS. DO NOT UNDER ANY CIRCUMSTANCES DISABLE, REMOVE OR RELOCATE ANY SENSORS OR OTHER COMPONENTS RELATED TO THE OPERATION OF THE AIR BAGS.

ALWAYS FOLLOW THE VEHICLE MANUFACTURERS RECOMMENDATIONS RELATING TO SNOWPLOW INSTALLATION. FOR RECOMMENDED VEHICLE MODELS REFER TO THE BOSS SNOWPLOW APPLICATION CHART AND SELECTION GUIDE.

## **1987 & OLDER CHEVROLET RTII UNDERCARRIAGE MOUNTING INSTRUCTIONS**

The mounting procedure outlined below covers CHEVROLET (1987 and Older) ½, ¾, and 1 ton trucks. You will need to refer to the illustrations and familiarize yourself with each of the undercarriage components and their relative position to each other. Then proceed as follows:

1. Remove the Tow Hooks, if present. Remove the (2) 7/16" - 14 bolts securing the diagonal bumper brace to the frame. Position the PUSH BEAM SUPPORT PLATES (Ref. 62A and 62B, Fig. 1) to the front frame rails of the truck. Use the ½" - 13 x 3" hex head bolts, ½" flat washers, and ½" - 13 hex head self locking nuts to bolt the PUSH BEAM SUPPORT PLATES and the Tow Hooks in place in front. The existing top bolt in each Tow Hook is re-used. The Tow Hooks must be swapped left to right & right to left on the truck. Use the 7/16" - 14 x 1-3/4" hex head bolts, 7/16" flat washers and 7/16" lock washers to bolt the PUSH BEAM SUPPORT PLATES in place at the back. Fasteners should only be finger tight.

2. Bolt the PUSH BEAM (Ref. 62, Fig. 1) in place using the 5/8" - 11 x 1- ½" hex head bolts provided. Fasteners should only be finger tight.

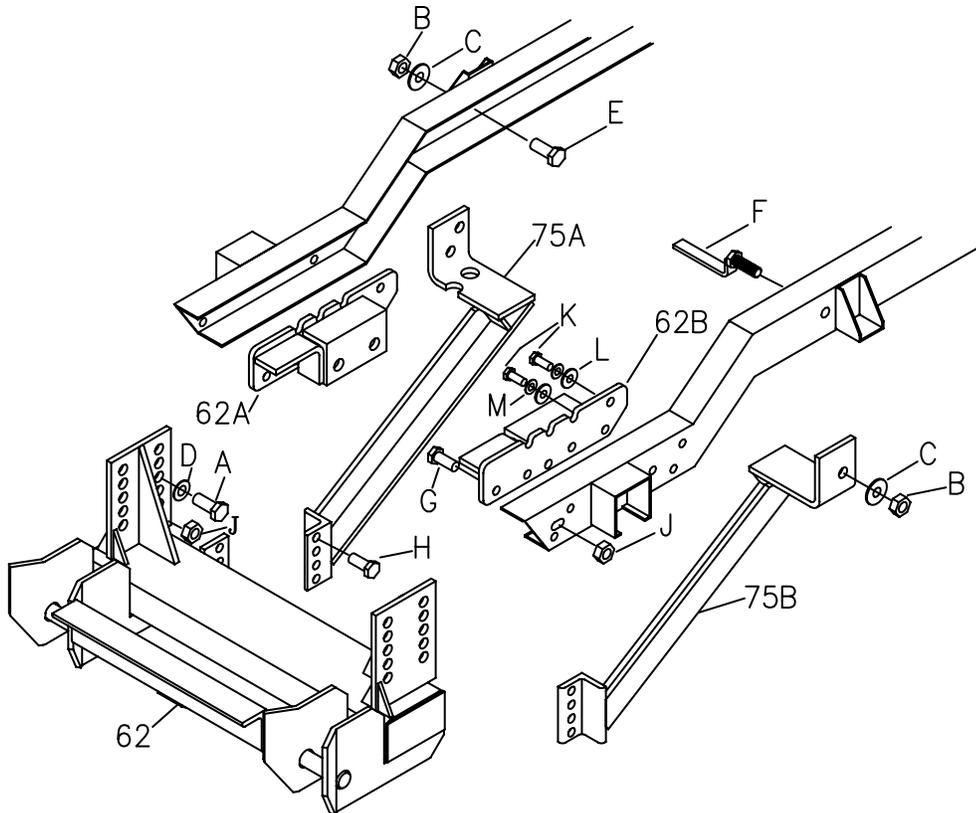
NOTE: The proper height adjustment for the PUSH BEAM is approximately 12- ½" for the 7'6" V or 13- ½" for the 8'2" V and 9'2" V from the ground to the center of the PUSH BEAM MOUNTING ROD (see Fig. 2). Should the PUSH BEAM ASSEMBLY be mounted too high, the nose of the plow will tend to dig in while plowing. If the PUSH BEAM ASSEMBLY is mounted too low, the wings of the plow will not lay flat against the ground. This will be most apparent when plowing in the SCOOP position.

3. Position and secure the ANGLE BRACKET (LH) (Ref. 75B, Fig. 1) in the same manner as the ANGLE BRACKET (RH). Use the 5/8" - 11 x 2" BOLT BAR (Ref. F, Fig. 1) to insert inside the frame crossmember.

4. Re-check that the PUSH BEAM is level, then tighten all fasteners to the torque specified in Figure 3.

# 1987 & OLDER CHEVROLET RTII UNDERCARRIAGE INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
62	Push Beam Assembly	PBA03539	1
62A	Push Beam Support Plate (RH)	PBA03541	1
62B	Push Beam Support Plate (LH)	PBA03542	1
75A	Angle Bracket (RH)	LTA03543	1
75B	Angle Bracket (LH)	LTA03544	1
	UNDCG HDW BAG, CHEVY 87&OLDER	HDW05505	1
Includes:			
A	5/8" – 11 x 1- 1/2" Hex Head Bolt	HDW01727	4
B	5/8" – 11 Hex Head Self Locking Nut	HDW01709	2
C	5/8" Flat Washer	HDW05556	2
D	5/8" Lock Washer	HDW05562	4
E	5/8" – 11 x 2" Hex Head Bolt	HDW01731	1
F	5/8" – 11 x 2" Bolt Bar	PBA03554	1
G	1/2" – 13 x 3" Hex Head Bolt	HDW05508	2
H	1/2" – 13 x 2" Hex Head Bolt	HDW01755	4
J	1/2" – 13 Self Locking Nut	HDW01748	6
K	7/16" – 14 x 1- 3/4" Hex Head Bolt	HDW05560	4
L	7/16" Flat Washer	HDW05561	4
M	7/16" Lock Washer	HDW03891	4



**Figure 1**

## RECOMMENDED PUSHBEAM HEIGHT

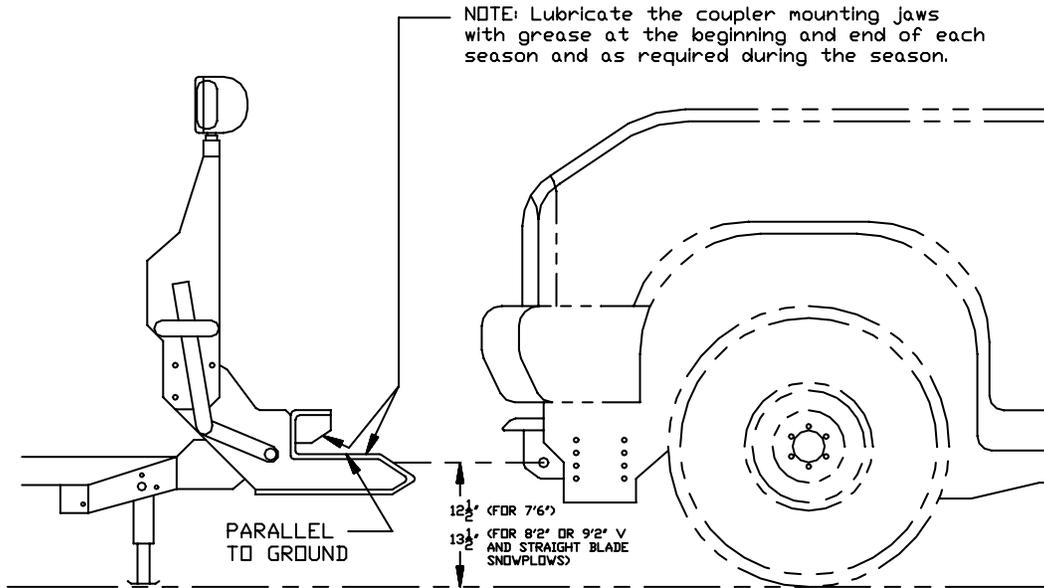


Figure 2

## GUIDE TO RECOMMENDED ASSEMBLY TORQUE

All Torque Values Are In Foot-Pounds (Ft.-Lb.)



DIA./PITCH	GRADE 5	GRADE 8
1/4 - 20	6	9
5/16 - 18	14	19
3/8 - 16	23	33
7/16 - 14	38	53
1/2 - 13	56	80
M14 x 2.00	80	112
9/16 - 12	82	116
5/8 - 11	113	159
3/4 - 10	201	283

\* The torque values listed above are based on dry, coated bolts, variables such as oil, or other lubrications may appreciably alter these values and must be taken into consideration.

**NOTE: IT IS IMPORTANT THAT ALL FASTENERS BE PROPERLY TORQUED TO ASSURE A SAFE OPERATING PLOW.**

Figure 3