

BOSS PRODUCTS
A Division of Northern Star Industries, Inc.
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**1988 – 2000 CHEVROLET
(CLASSIC BODY STYLE)
RT II™ UNDERCARRIAGE
MOUNTING INSTRUCTIONS
(PART NO. LTA02430)**

WARNING

Many newer trucks are now 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 manufacturer's recommendations relating to snowplow installation. For recommended vehicle models refer to the Boss Snowplow Application Chart and Selection Guide.

1988 - 2000 CHEVROLET (CLASSIC BODY STYLE) UNDERCARRIAGE MOUNTING INSTRUCTIONS (WITH RAPID-TACH II™)

The mounting procedure outlined below covers CHEVROLET (1988 - 2000) 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. Position the PUSH BEAM SUPPORT PLATES (Ref. 62A and 62B, Fig. 1) to the front frame rails of the truck. If the truck is equipped with tow hooks, remove the tow hook bolts, and tow hook before installing the PUSH BEAM SUPPORT PLATES. Using M14 x 2.00 Hex Head Bolts and M14 Lock Washers provided, bolt the PUSH BEAM SUPPORT PLATES through the outside of the frame. Next use ½" – 13 x 1- ½" Hex Head Bolts, ½" Flat Washers, and ½" – 13 Hex Head Self Locking Nuts to bolt the PUSH BEAM SUPPORT PLATES through the bottom of the frame. Tow hooks may be relocated under the PUSH BEAM SUPPORT PLATES and reattached. Fasteners should only be finger tight.
2. Remove the four existing bolts holding the skid plate in place on the vehicle. Use the same four hex head bolts to mount the ANGLE BRACKET (Ref. 75, Fig. 1) into place on the outside of the skid plate. Bolts should only be finger tight.
3. Bolt the PUSH BEAM (Ref. 62, Fig. 1) in place using the ½" – 13 x 1- ½" hex head bolts and self locking nuts 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.
4. With all undercarriage parts in place, securely fasten all mounting hardware. It is important that all fasteners be properly torqued (see Fig. 3) to assure a safe operating plow. All fasteners should be retorqued after the first 5 hours of plowing.

1988 & NEWER CHEVROLET UNDERCARRIAGE CLASSIC BODY STYLE (WITH RAPID-TACH II™) INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
62	Push Beam Assembly	PBA02225	1
62A	Push Beam Support Plate (RH)	PBA02227	1
62B	Push Beam Support Plate (LH)	PBA02228	1
75A	Angle Bracket	LTA02226	1
75B	Nut Plate	LTA04178	1
	FASTENER KIT, CHEVY 88-89	HDW01789	1
Includes:			
A	½" – 13 x 1-½" Hex Head Bolt	HDW01728	12
B	½" – 13 Hex Head Self Locking Nut	HDW01748	12
C	½" – 13 x 3" Hex Head Bolt	HDW05508	4
D	M14 x 2.00 x 50 MM Hex Head Bolt	HDW01795	6
E	M14 Lock Washer	HDW01796	6
F	½" Flat Washer	HDW05501	4
G	5/8" – 11 x 1-1/2" Hex Head Bolt	HDW01727	2
H	5/8" – 11 Hex Head Self Locking Nut	HDW01709	2
J	5/8" Hardened Washer	HDW01726	2
<i>(NOTE: On some vehicles, Items G & H may be existing)</i>			

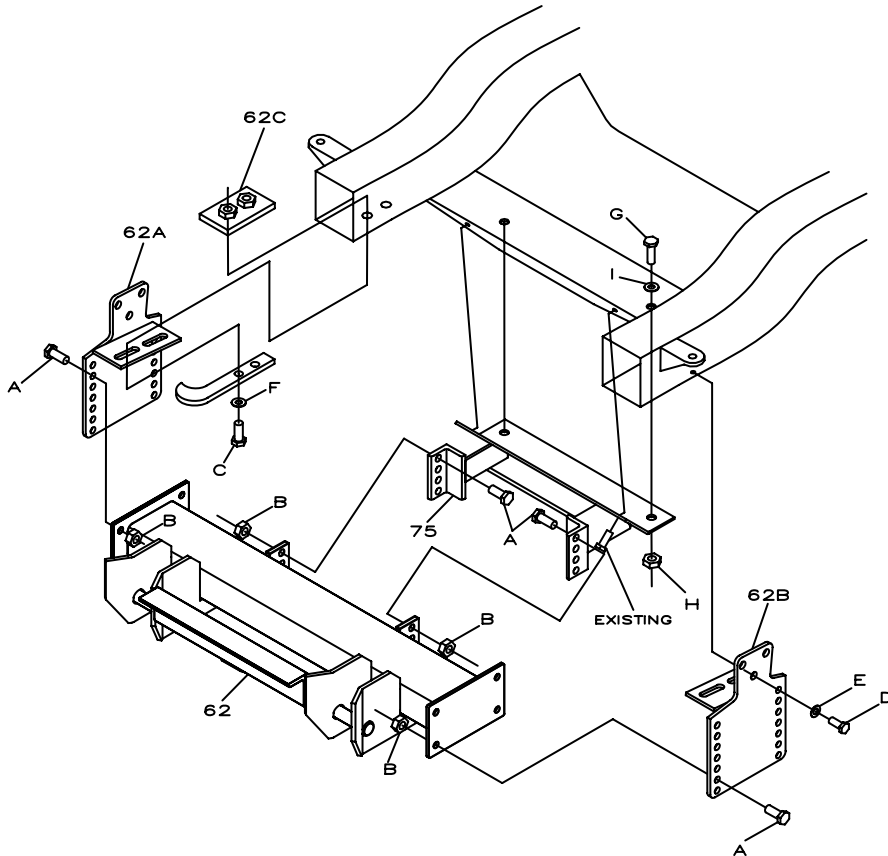


Figure 2

RECOMMENDED PUSHBEAM HEIGHT

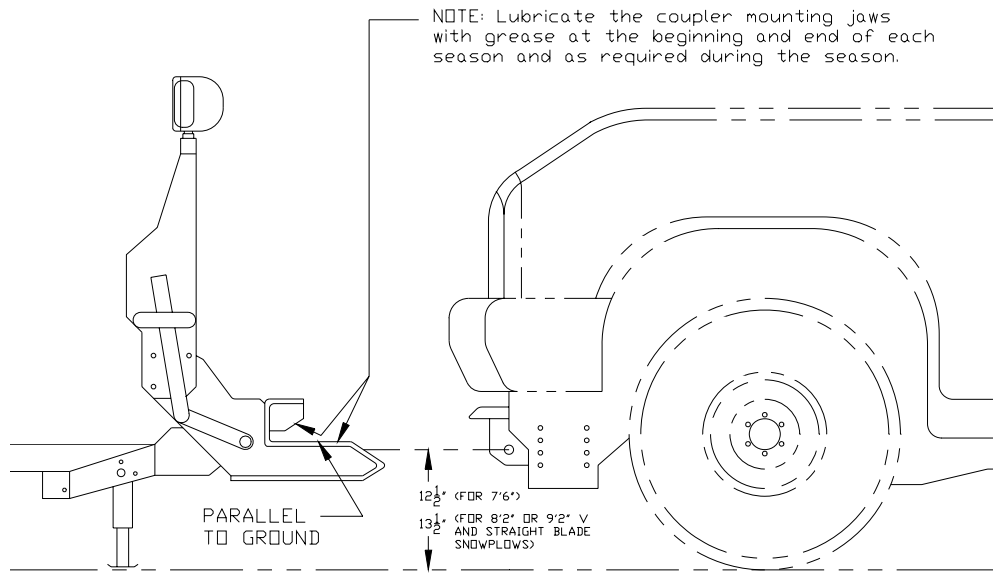


Figure 2

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