



BOSS PRODUCTS  
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**2008-2010  
JOHN DEERE XUV  
RT3 UNDERCARRIAGE  
MOUNTING INSTRUCTIONS  
(PART NO. LTA12590)**

# **WARNING**

Always follow the vehicle manufacturers' recommendations relating to system installation.

Due to the variety of equipment that can be installed on this vehicle, it is necessary to verify that the Front Gross Axle Weight Rating (FGAWR), Rear Gross Axle Weight Rating (RGAWR), and the Gross Vehicle Weight Rating (GAWR) are not exceeded at any time. This may require weighing the vehicle and adding ballast as necessary. It may also limit payload capacity of the vehicle. It is the operator's responsibility to verify that these ratings are not exceeded.

## **2008-2010 JOHN DEERE XUV RT3 UNDERCARRIAGE MOUNTING INSTRUCTIONS**

The mounting procedure outlined below covers 2008-2010 John Deere XUV models. 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. Align the holes in the Skid Plate Assembly (75) with the holes in the Front Bumper. Using (4) ½"-13 X 1-1/2" Hex Head Bolts (B) and ½" Nylon Lock Nuts (E), attach the Skid Plate. Leave finger tight.
2. On the bottom of the Skid Plate Assembly (75), mark where the two bolt holes meet with the bottom of the Front Bumper. Remove Skid Plate Assembly (75)
3. Drill two 9/16" holes in the bottom of the Front Bumper.
4. Align the holes in the Skid Plate Assembly (75) with the holes in the Front Bumper. Using (6) ½"-13 x 1-1/2" Hex Head Bolts (B), (2) 5/8"-11 x 1-1/2" Hex Head Bolts (A), (6) ½"-13 Nylon Lock Nuts (E), and (2) 5/8"-11 Nylon Lock Nuts (D), attach Skid Plate Assembly (75) to the Front Bumper.
5. Using (4) ½"-13 X 1-1/2" Hex Head Bolts (B), (4) ½"-13 Nylon Lock Nuts (E), (6) 3/8"-16 X 1" Hex Head Bolts (C), and (6) 3/8"-16 Nylon Lock Nuts (F), mount Pushbeam Assembly (62) between Mounting Tabs on Skid Plate Assembly (75).

NOTE: The proper height adjustment for the Pushbeam (62) is approximately 17" from the ground to the center of Pushbeam (62) pin-receiving hole (See Figure 2) for Plow System.

6. With all undercarriage parts in place, securely fasten all mounting hardware. It is important that all fasteners be properly torqued (See Figure 3) to assure a safe operating plow. Retighten all fasteners after two hours of plowing.
7. Add BOSS decal to front of top tube on Pushbeam Assembly (62).

## 2008-2010 JOHN DEERE XUV RT3 UNDERCARRIAGE INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
62	Pushbeam Assembly	PBA12535	1
75	Skid Plate Assembly	LTA12591	1
	FASTENER KIT,UC,JOHN DEERE XUV,08-10	HDW12595	1
Includes:			
A	5/8-11 X 1-1/2" GR5 Hex Head Bolt	HDW01727	2
B	1/2"-13X1-1/2" GR5 Hex Head Bolt	HDW01728	10
C	3/8"-16 X 1" GR5 Hex Head Bolt	HDW01717	6
D	5/8-11 Nylon Lock Nut	HDW05619	2
E	1/2"-13 Nylon Lock Nut	HDW01748	10
F	3/8"-16 Nylon Lock Nut	HDW01720	6

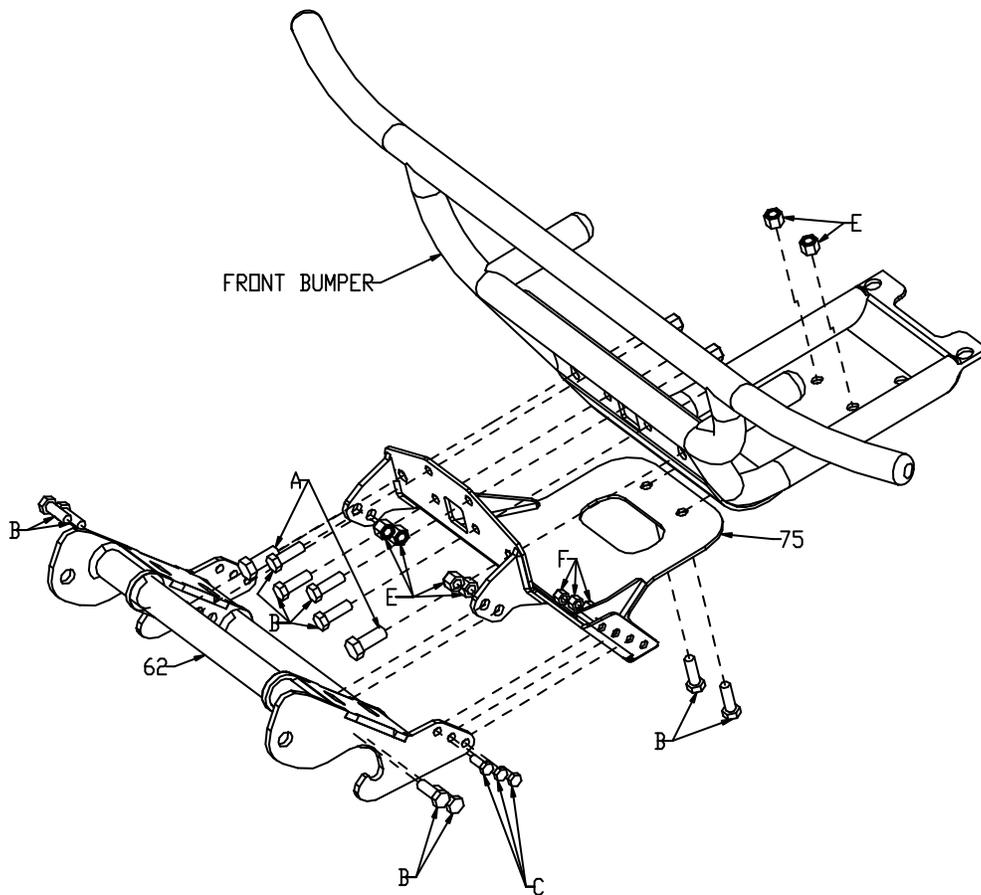


Figure 1

G10619

## RECOMMENDED PUSHBEAM HEIGHT

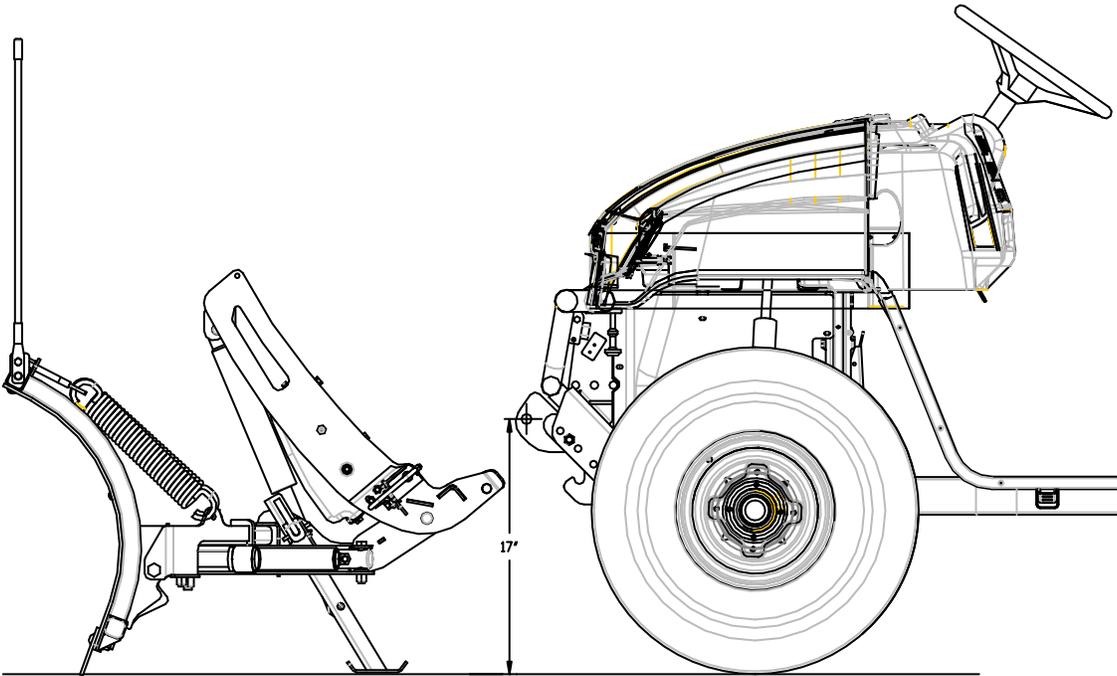


Figure 2

G10502

## GUIDE TO RECOMMENDED ASSEMBLY TORQUE



DIAMETER / PITCH	GRADE 5	GRADE 8	GRADE 8.8	GRADE 10.9
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		
9/16-12	82	116		
5/8-11	113	159		
3/4-10	201	283		
M10 X 1.25			36	
M10 X 1.5				49
M12 X 1.75				71
M14 X 2.0				80

ALL TORQUE VALUES ARE IN FOOT-POUNDS (FT.-LB.)

Figure 3

G10410

\* 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. RE-TIGHTEN ALL FASTENERS AFTER 2 HOURS OF PLOWING.