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**2009 & NEWER
TORO WORKMAN HD/HDX
UNDERCARRIAGE
MOUNTING INSTRUCTIONS
(PART NO. LTA13379)**

2009 & NEWER TORO WORKMAN HD/HDX UNDERCARRIAGE

Undercarriage will fit the following Workman Models

MODEL #	NAME	YEARS
7366	HDX	2009-2013
7367	HDX	2009-2013
07367TC	HDX	2009-2013
7368	HDX-D	2009-2013
07368TC	HDX-D	2009-2013
7369	HD	2009 +
7370	HDX 4WD	2009-2013
07370TC	HDX 4WD	2009-2013
7371	HDX-D 4WD	2009-2013
07371TC	HDX-D 4WD	2009-2013
7383	HDX	2013 +
7384	HDX	2013 +
07384H	HDX	2013 +
07384TC	HDX	2013 +
7385	HDX-D	2013 +
07385H	HDX-D	2013 +
07385TC	HDX-D	2013 +
7386	HDX 4WD	2013 +
07386H	HDX 4WD	2013 +
07386TC	HDX 4WD	2013 +
7387	HDX-D 4WD	2013 +
07387H	HDX-D 4WD	2013 +
07387TC	HDX-D 4WD	2013 +
7390	HDX-AUTO	2014 +
07390H	HDX-AUTO	2014 +
07390TC	HDX-AUTO	2014 +

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 Gross Vehicle Weight Rating (GVWR) is 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.

2009 & NEWER TORO WORKMAN HD/HDX UNDERCARRIAGE MOUNTING INSTRUCTIONS

The mounting procedure outlined below covers 2009 & Newer Toro Workman HD and HDX models. You will need to refer to the illustrations (**Figure 1 & 2**) and familiarize yourself with each of the undercarriage components and their relative position to each other. Then proceed as follows:

1. Remove the vehicle's factory front skid plate.
2. On vehicle model years up to 2016 you will be required to drill holes in the frame to mount the undercarriage. On vehicle models 2016+ you will not need to drill holes to mount the undercarriage.
3. Push Skid Plate Assembly (1) up and forward until it is contacting the rear side of the front cross-member. Then center the Skid Plate Assembly.
4. Mark and center punch the 10 hole locations where the Skid Plate Assembly (1) will bolt to the vehicle frame. Remove the Skid Plate Assembly (1).
5. Using a 7/16" drill bit, drill through the 10 marked hole locations on the vehicles frame.
6. Using ten 3/8"-16 x 1 Hex Head Bolts (A), ten 3/8" Flat Washers (C), and ten 3/8"-16 Nylon Lock Nuts (D), loosely attach the Skid Plate Assembly(1)
7. Tighten all fasteners to recommended torque found in **Figure 2**.
8. Using five 3/8"-16 x 1 Hex Head Bolts (A) and five 3/8" Split Lock Washer (B), loosely attach the Hook Weldment (2) to the Skid Plate Assembly (1).
9. Tighten all fasteners to recommended torque found in **Figure 2**.

2009 & NEWER TORO WORKMAN HD/HDX UNDERCARRIAGE INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
1	Skid Plate Assembly	LTA13380	1
2	Hook Weldment	LTA13381	1
	Fastener Kit	HDW13382	1
Includes:			
A	3/8"-16 x 1" GR5 Hex Head Bolt	HDW01717	15
B	3/8" Split Lock Washer	HDW01718	5
C	3/8" Flat Washer	HDW05859	10
D	3/8"-16 Nylon Lock Nut	HDW01720	10

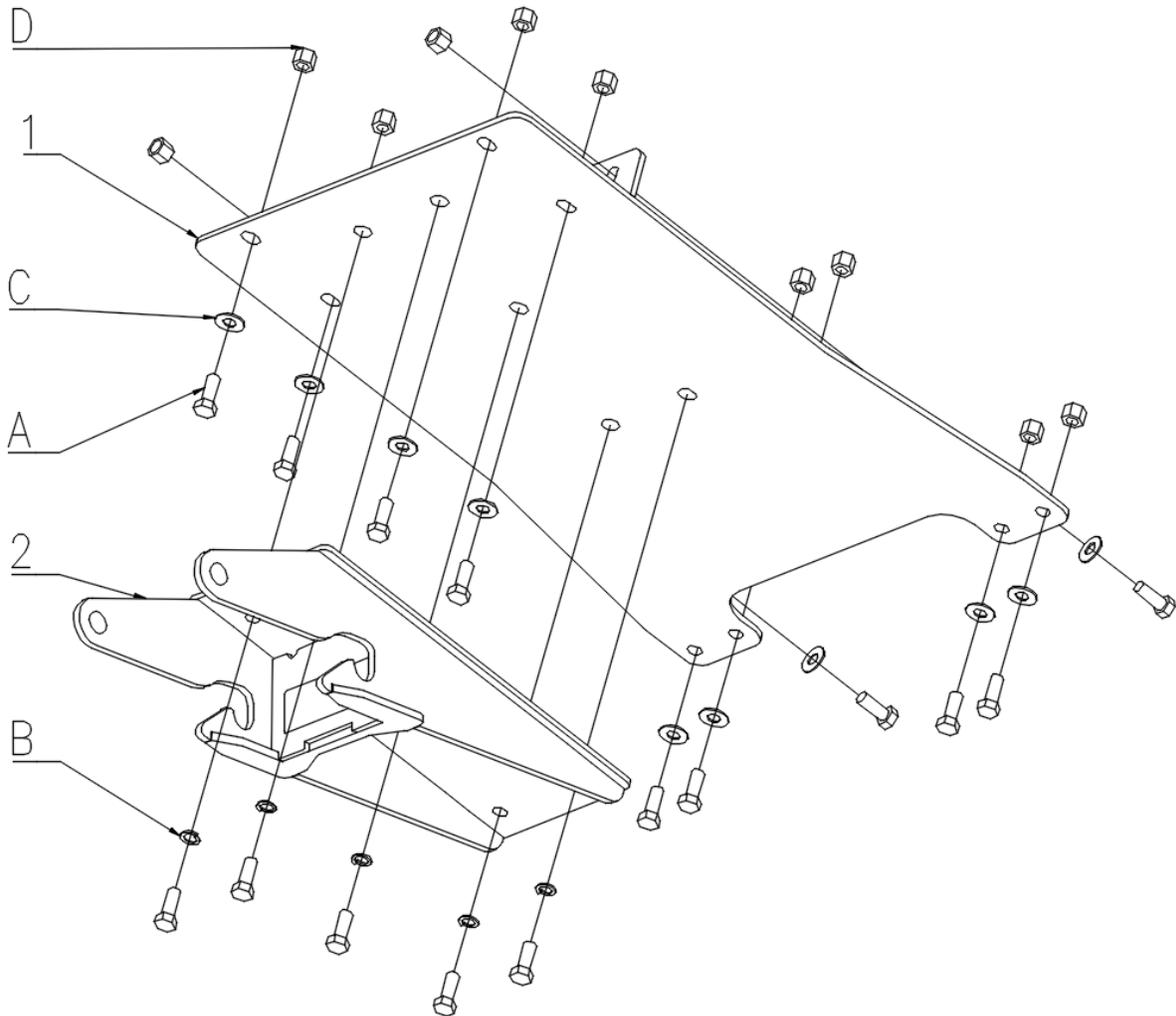


Figure 1

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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 2

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* 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.