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**2014 & NEWER
ARCTIC CAT PROWLER HDX
RT3 UNDERCARRIAGE
MOUNTING INSTRUCTIONS
(PART NO. LTA12895)**

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.

2014 & NEWER ARCTIC CAT PROWLER HDX RT3 UNDERCARRIAGE MOUNTING INSTRUCTIONS

The mounting procedure outlined below covers 2014 & 2015 Arctic Cat Prowler HDX 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. Remove two existing bolts from lower bumper where bumper bolts to frame.
2. Loosen two upper bolts on bumper, do not remove. Rotate bumper out so there is a 1" gap between bumper and frame.
3. Use Skid Plate Assembly (1) as template to mark and cut plastic skid pan on vehicle.
4. Using two 3/8"-16 x 1" Bolts (C), two 3/8" Flat Washers (D), four 3/8"-16 x 2 ID x 3-1/2" U-Bolts (A) and ten 3/8"-16 Nylon Lock Nuts (B), finish attaching front of Skid Plate Assembly (1) to vehicle frame. Leave fasteners loosely attached at this time. Skid Plate Assembly will be mounted between bumper and frame.
5. Remove two existing 10mm nuts on bumper frame.
6. Place Side Bracket Passenger Side (2) and Side Bracket Drivers Side (3) on inside of bumper frame and align with mount holes.
7. Using two existing 10mm nuts, two 5/8"-11 x 1-1/2" (H), and two 5/8" Nylon Lock Nuts (I), attach Side Plates to inside of bumper frame.
8. Attach Pushbeam Assembly (4) using six 3/8"-16 x 1-1/2" Bolts (E), six 3/8"-16 Nylon Lock Nuts (B), four 1/2"-13 x 1-1/2" Bolts (F) and six 1/2"-13 Nylon Lock Nuts (G).
9. Tighten all fasteners to recommended torque found in Figure 4.

2014 & NEWER ARCTIC CAT PROWLER HDX RT3 UNDERCARRIAGE INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
1	Skid Plate Assembly	LTA12900	1
2	Side Bracket Passenger Side	LTA12905	1
3	Side Bracket Drivers Side	LTA12910	1
4	Pushbeam Assembly	PBA12535	1
	Fastener Kit	HDW12912	1
Includes:			
A	3/8"-16 x 2" ID x 3-1/2" U-Bolt	HDW12908	4
B	3/8"-16 Nylon Lock Nut	HDW01720	16
C	3/8"-16 x 1" GR5 Hex Head Bolt	HDW01717	2
D	3/8" Flat Washer	HDW01733	2
E	3/8"-16 x 1-1/2" GR5 Hex Head Bolt	HDW01719	6
F	1/2"-13 x 1-1/2" GR5 Hex Head Bolt	HDW01728	8
G	1/2"-13 Nylon Lock Nut	HDW01748	8
H	5/8"-11 x 1-1/2" GR5 Hex Head Bolt	HDW01727	2
I	5/8"-11 Nylon Lock Nut	HDW05619	2
J	5/16"-18 x 1" x 2-3/16" U-Bolt	HDW12899	4
K	5/16"-18 Nylon Lock Nut	HDW01714	8

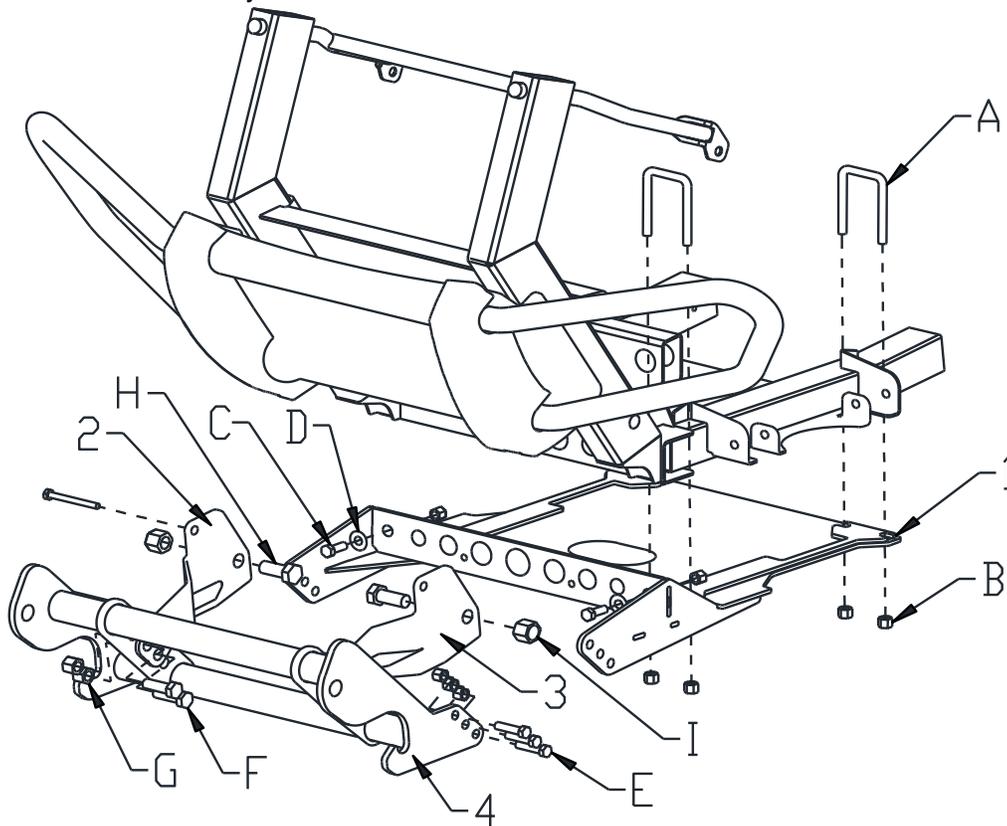


Figure 1

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2016 ARCTIC CAT PROWLER HDX RT3 UNDERCARRIAGE MOUNTING INSTRUCTIONS

The mounting procedure outlined below covers 2016 Arctic Cat Prowler HDX 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:

10. Remove lower bumper housing.
11. Use Skid Plate Assembly (1) as template to mark and cut plastic skid pan on vehicle.
12. Using two 3/8"-16 x 1" Bolts (C), two 3/8" Flat Washers (D), four 3/8"-16 x 2 ID x 3-1/2" U-Bolts (A) and ten 3/8"-16 Nylon Lock Nuts (B), finish attaching front of Skid Plate Assembly (1) to vehicle frame. Leave fasteners loosely attached at this time.
13. Mark out and cut lower bumper housing as shown in Figure 2.
14. Using existing hex head cap screws install lower bumper housing. Lower bumper housing should be placed over Skid Plate Assembly (1).
15. Using four 5/16"-18 x 1" x 2-3/16" U-Bolts (J) and eight 5/16"-18 Nylon Lock Nuts (K) install Upper Bracket (5) as shown in diagram. Leave roughly an 1/8" gap from bottom lip of Upper Bracket to vehicle frame.
16. Slide in Side Bracket Passenger Side (2) and Side Bracket Drivers Side (3) from behind lower bumper housing and attach to Upper Bracket (5) using four 1/2"-13 x 1-1/2" Bolts and four 1/2"-13 x Nylon Lock Nuts as shown in diagram.
17. Attach Pushbeam Assembly (4) using six 3/8"-16 x 1-1/2" Bolts (E), six 3/8"-16 Nylon Lock Nuts (B), four 1/2"-13 x 1-1/2" Bolts (F) and six 1/2"-13 Nylon Lock Nuts (G).
18. Tighten all fasteners to recommended torque found in Figure 4.

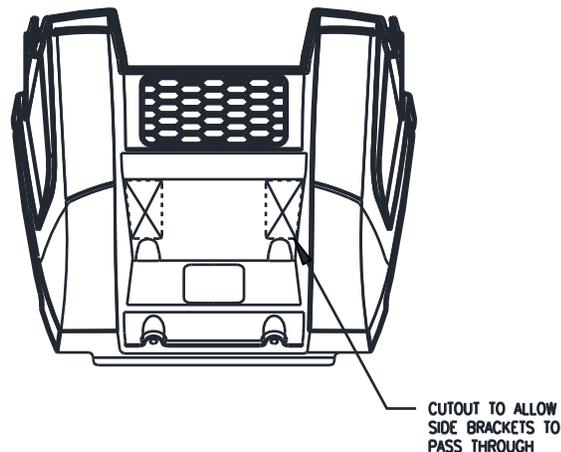


Figure 2

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2016 & NEWER ARCTIC CAT PROWLER HDX RT3 UNDERCARRIAGE INSTALLATION PROCEDURE

REF. NO.	DESCRIPTION	PART NO.	QTY.
1	Skid Plate Assembly	LTA12900	1
2	Side Bracket Passenger Side	LTA12915	1
3	Side Bracket Drivers Side	LTA12917	1
4	Pushbeam Assembly	PBA12535	1
5	Upper Bracket	LTA12918	1

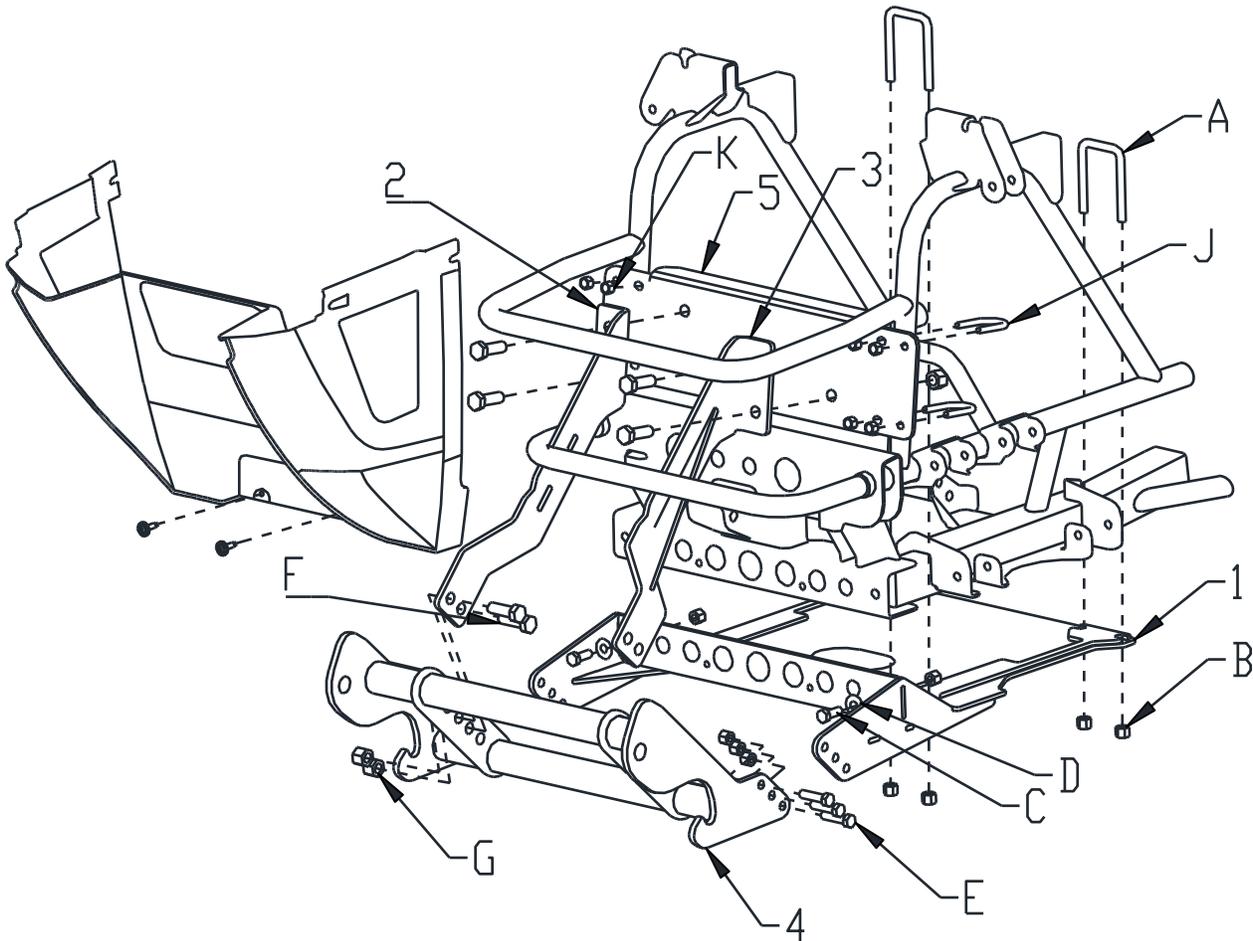


Figure 3

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RECOMMENDED SUSPENSION SETTINGS

- A heavy-duty front spring kit is required for plow installation on this vehicle. See manufacturers' specifications.

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 4

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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.