

# **LOD**

# **Installation**

# **Instructions**

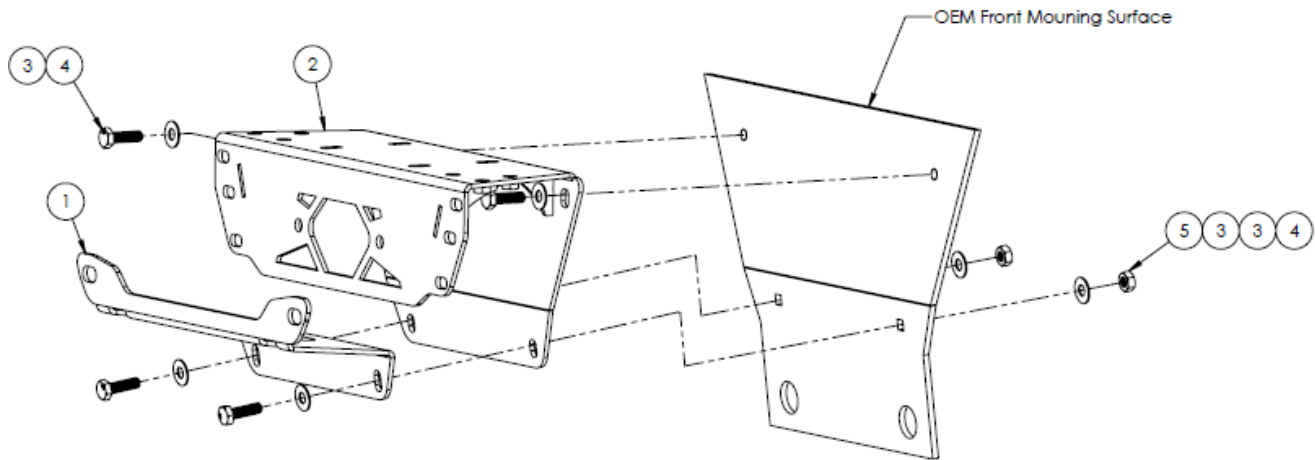
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**POLARIS RANGER**  
**2013+**  
**FRONT BUMPER SHORTY**  
**DESTROYER SERIES**

# Installation

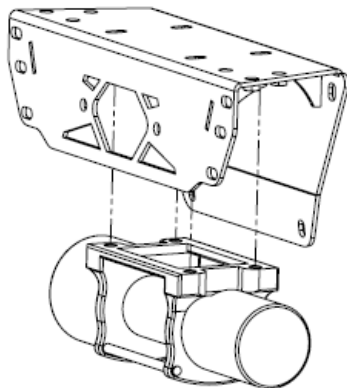
## Bumper/Winch Mount Plate



ITEM	QTY	PART	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2PFB1300-18	Lower Bumper Support	4	4	HB10150M35	HB M10-1.5 x 35mm, ZP
2	1	4PFB1300-02	Front Bumper/Winch Mount	5	2	HN10150M	HN M10-1.5, ZP
3	6	FW3816	FW 3/8" x 1.00, ZP				

Note: Remove the OEM front bumper from the UTV

1. If you're using a winch, install it on the LOD Front Bumper/Winch Mount using the slotted holes on the top of the mount.



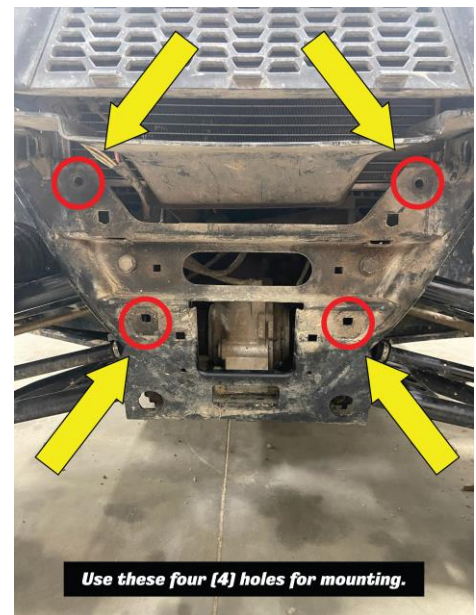
**Figure 1. Install Winch**

2. Locate the Front Bumper/Winch Plate, Lower Bumper Support and mount them using the M10 fasteners listed above. See Figure 2

**Important:** Bumper comes with M10 and 3/8" hardware. Be sure you are using the correct hardware. If bolt becomes difficult to thread on nut, STOP to make sure you have the correct fasteners.

Note: Weld nuts are on the back side of the OEM top mounting surface.

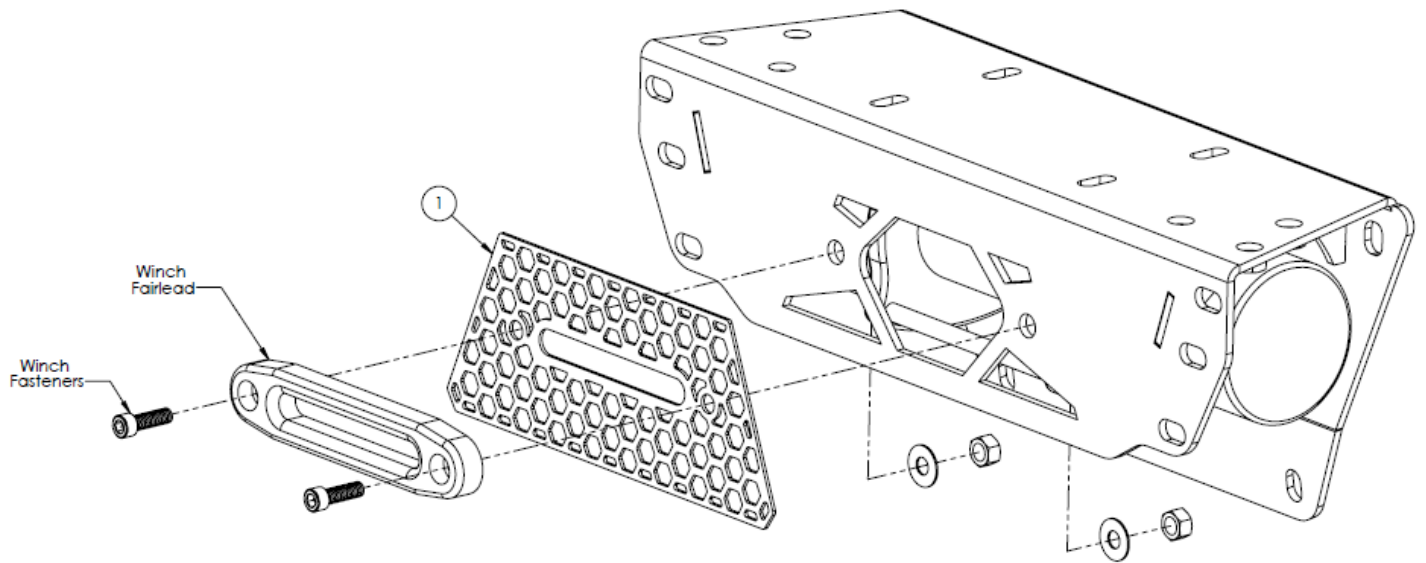
3. Leave the bolts loose enough so that the support and mount can be moved during the final adjustment stage.



**Figure 2. Use These Mounting Holes for Install**

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## Screen Installation – With Winch

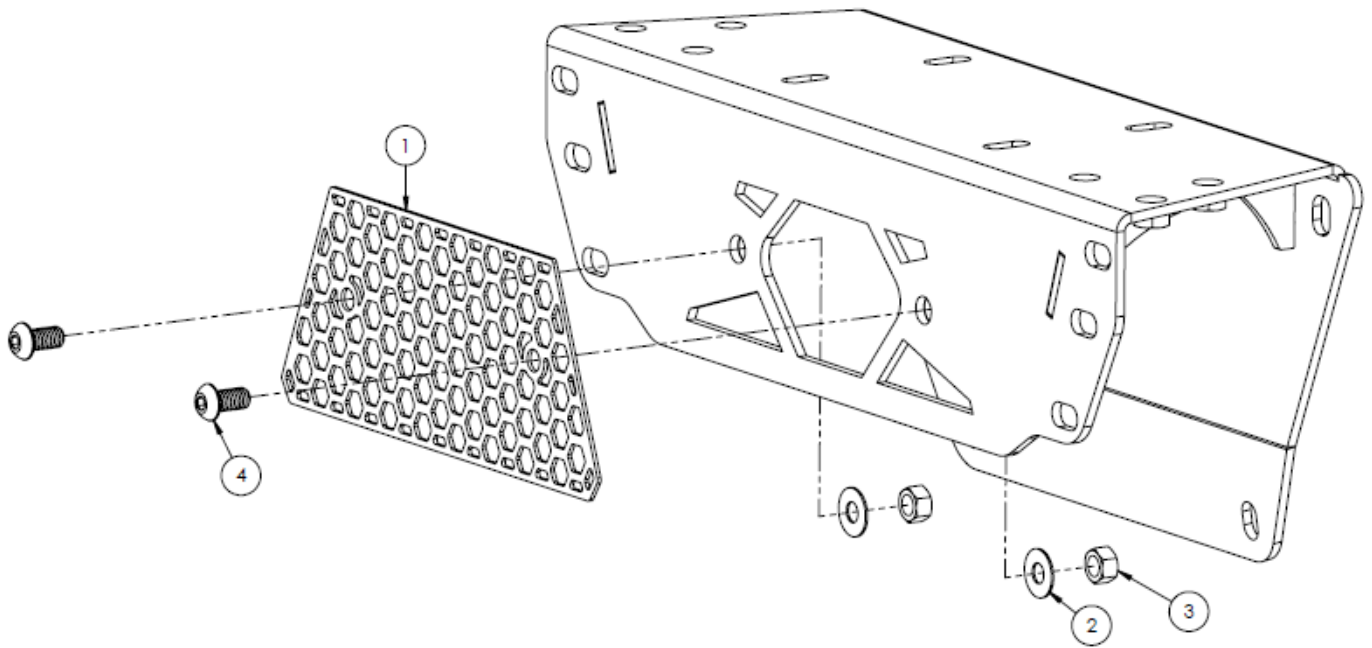


ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2PFB1300-17	Screen

1. Using the fasteners supplied by the winch company, install the LOD Screen between the fairlead and the LOD mount.

Note: This kit includes two (2) M10-1.5 Hex Nuts incase the nuts for the fairlead are not useable.

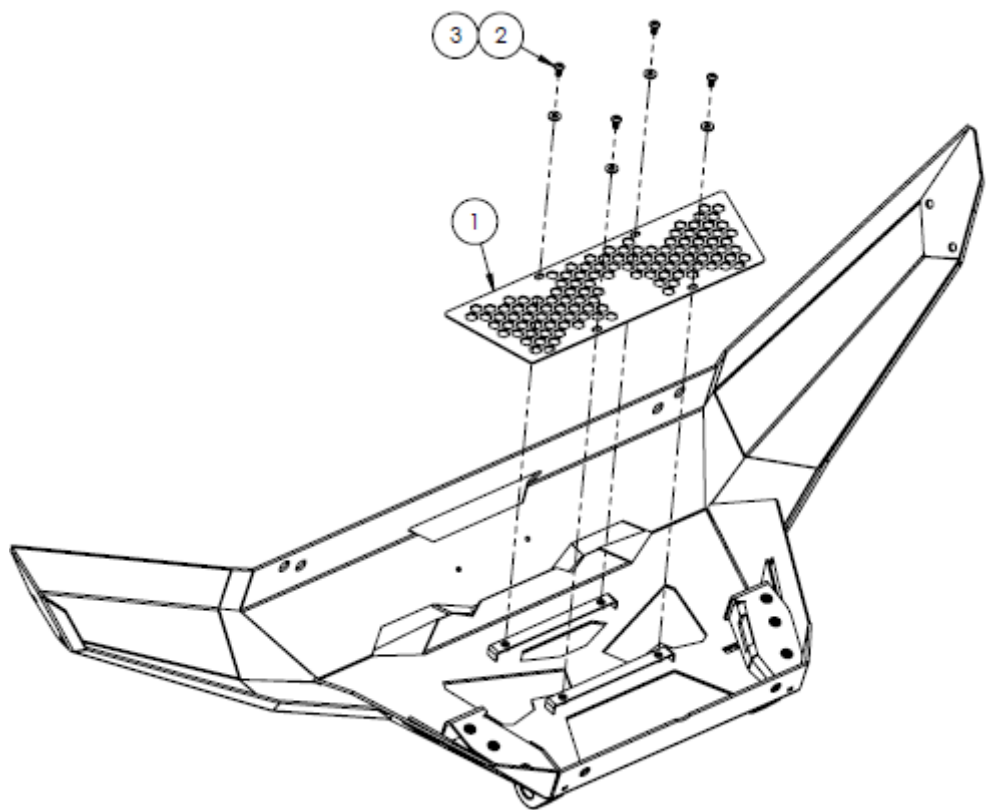
## Screen Installation – No Winch



ITEM	QTY	PART	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2PFB1300-16	Screen	3	2	HN3816ZPGR5	Hex Nut 3/8-16
2	2	FW3114ZP	Flat Washer 3/8"	4	2	BHSCS381612	BHCS 3/8-16 x .75

1. Install the Screen as shown above using the 3/8" fasteners.

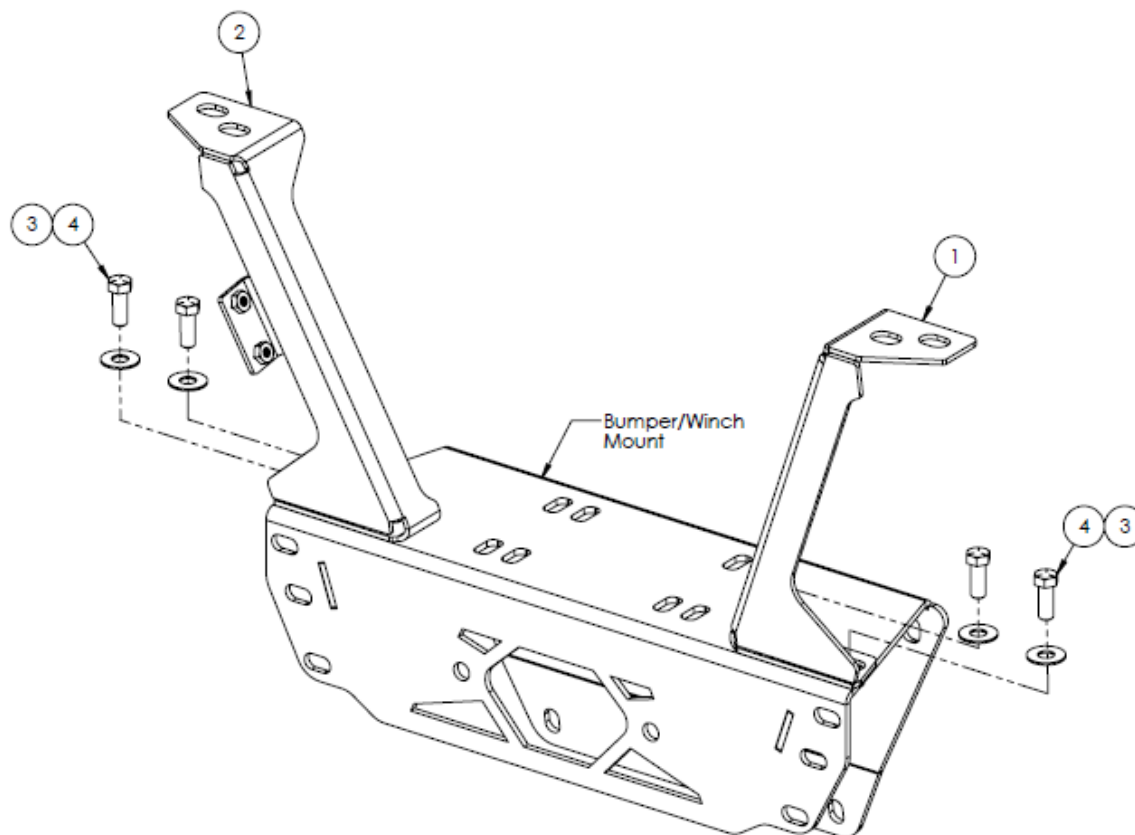
Upper Screen Installation



ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2PFB1300-12	Upper Screen	3	4	FW1209ZP	FW #12 x .56"
2	4	BHSCS252008ZP	BHCS 1/4-20 x .50				

- 1. Install the Upper Screen into the backside of the Front Bumper using the 1/4" and #12 hardware.

## Stiffener Brackets Installation

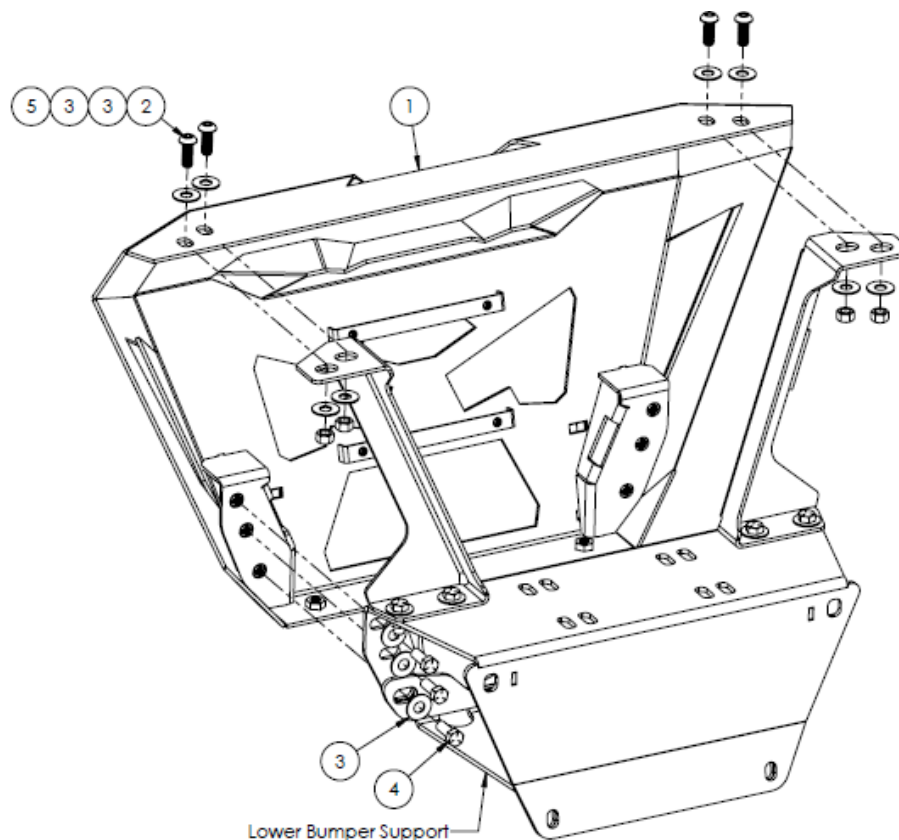


ITEM	QTY	PART	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	2PFB1300-23	Stiffener Bracket, LH	3	4	FW3816ZP	FW 3/8"
2	1	4PFB1910-05	Stiffener Bracket, RH	4	4	HB381616ZPGR5	HB 3/8-16 x 1"

1. Locate both Stiffener Brackets and place it on to the Front Bumper/Winch Mount.
2. Using the 3/8" fasteners secure each Stiffener Bracket to the mount. Fasteners should be installed loose at this point

**Important: Bumper comes with M10 and 3/8" hardware. Be sure you are using the correct hardware. If bolt becomes difficult to thread on nut, STOP to make sure you have the correct fasteners.**

## Front Bumper Installation



ITEM	QTY	PART NUMBER	DESCRIPTION	ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	4PFB1300-01	Front Bumper	4	6	HB381616ZPGR5	Hex Bolt 3/8-16 x 1"
2	4	BHSCS381616ZP	Button Head 3/8-16 x 1"	5	4	HN3816ZPGR5	Hex Nut 3/8-16
3	14	FW3816ZP	FW 3/8"				

1. Locate the Front Bumper and place it up to the Front Bumper/Winch Mount.
2. Using the 3/8" fasteners, secure the Front Bumper to the mount. Fasteners should be installed loose at this point

**Important: Bumper comes with M10 and 3/8" hardware. Be sure you are using the correct hardware. If bolt becomes difficult to thread on nut, STOP to make sure you have the correct fasteners.**

Note: Be sure the bottom bolts pass through the Lower Bumper Support as shown above.

3. Using the 3/8" fasteners, loosely secure the bumper to the Stiffener Brackets.
4. With the bolts loose now is the time to adjust the bumper and mount to sit how you like.
5. With everything adjusted you can begin to tighten all the bolts.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	2PFB1300-12	Screen, Upper	1
2	2PFB1300-16	Screen	1
3	2PFB1300-17	Screen	1
4	2PFB1300-18	Lower Bumper Support	1
5	2PFB1300-23	Stiffener Bracket, LH	1
6	4PFB1300-01	Wldmnt, Front Bumper	1
7	4PFB1300-02	Wldmnt, Front Bumper/Winch Mount	1
8	4PFB1910-05	Wldmnt, Stiffener Bracket	1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
9	BHSCS252008ZP	BHSCS 1/4-20 X 0.50 ZINC PLATE	4
10	BHSCS381612ZP	BHSCS 3/8-16 X .75 ZINC PLATE	2
11	BHSCS381616ZP	BHSCS 3/8-16 X 1.00 ZINC PLATE	4
12	FW1209ZP	FLAT WASHER #12 X .56" ZINC PLATED	4
13	FW3114ZP	FLAT WASHER Ø5/16" X .875" ZINC PLATE	2
14	FW3816ZP	FLAT WASHER Ø3/8" X 1.00 ZINC PLATE	24
15	HB10150M35ZPC188	HEX BOLT M10-1.50 x 35mm ZINC PLATE CL8.8	4
16	HB381616ZPCGR5	HEX BOLT 3/8-16 X 1.00 ZINC PLATE GR5	10
17	HN10150MZPC18	HEX NUT M10 X 1.50mm ZINC PLATE CL8	4
18	HN3816ZPCGR5	HEX NUT 3/8-16 ZINC PLATE GR5	6
19	LOD logo	Logo Plate	1

NOTES:

1. PFB1300 = BARE STEEL OPTION
2. PFB1301 = BLACK POWDER COAT
3. WEIGHT = APPROX 45 LBS

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
CONVERSIONS ARE IN INCHES		DOB	10/14/2024
TOLERANCES: ±0.010			
ANGULARS: MACHIST			
THREADS: UNF-2A			
THREE PLACE DECIMAL: AS2002			
		CHECKED	
		ENG APPR.	
		MFG APPR.	
		MATERIAL:	
		N/A	
PROPRIETARY AND CONFIDENTIAL			
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF LOD LLC AND IS TO BE USED FOR THE PROJECT AND FOR NO OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF LOD LLC IS FORBIDDEN.			

DESCRIPTION:	LOD LLC.
Polaris Ranger '13-'24, Black Ops FB, Shorty	
DWG. NO.	PFB1300
REV	A
SCALE: 1:6	SHEET SIZE: 8
SHEET 1 OF 1	



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### **\*\*Maintenance\*\***

- Periodically check and re-tighten all fasteners.
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- Periodically check your product for scratches, dings, or rust spots which can happen over time or after heavy use. It is important to address these areas as soon as possible to prevent rust and corrosion from spreading. We recommend using Rustoleum® brand Black Semi-Gloss Protective Enamel (oil based). Apply using a foam brush by dabbing to match the powder coat texture.





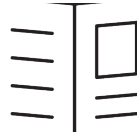
**Polaris Ranger**  
**DESTROYER SERIES**  
FRONT BUMPER - CENTER  
SHIPPING SHEET - BOX 1

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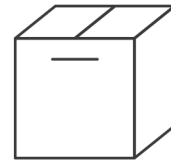
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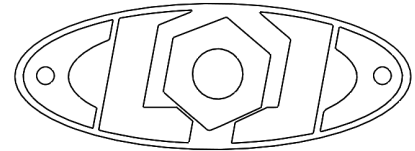
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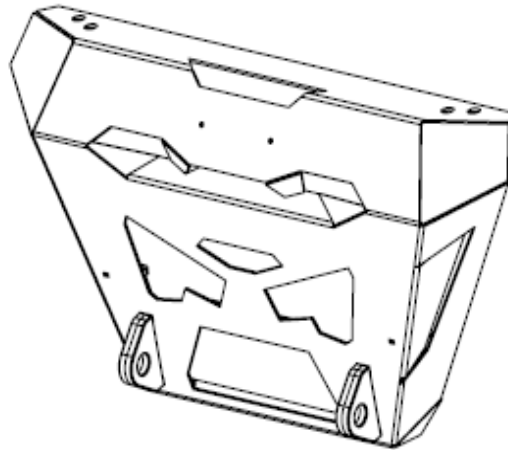
INSTRUCTION  
SHEET



HARDWARE BOX  
(x1)



LOD LOGO  
(PACKAGED SEPERATE  
IF BUMPER IS BARE STEEL)  
(x1)



FRONT BUMPER  
4PFB1300-01



(x1)



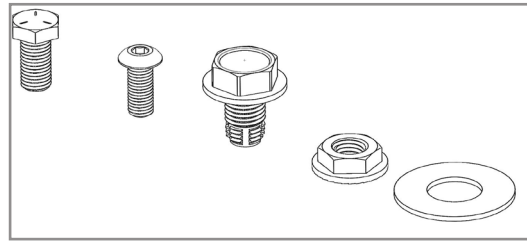
**Polaris Ranger**  
**DESTROYER SERIES**  
FRONT BUMPER - CENTER  
HARDWARE - BOX 1

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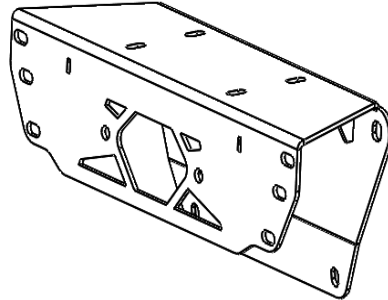
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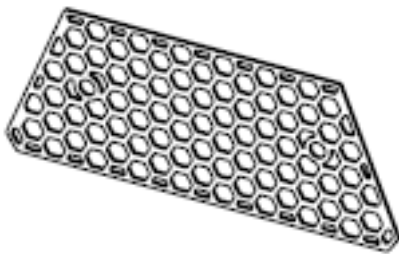
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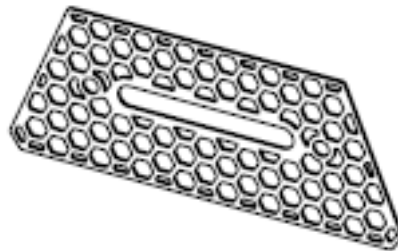
BOLT KIT  
PFB1310-BK  
(x1)



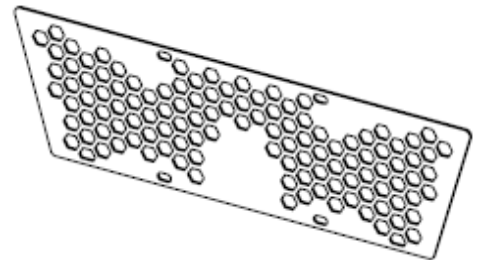
FRONT BUMPER/WINCH  
MOUNT  
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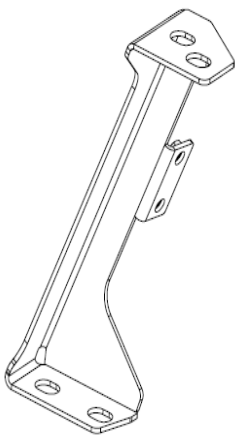
LOWER SCREEN  
2PFB1300-16  
(x1)



LOWER SCREEN  
2PFB1300-17  
(x1)



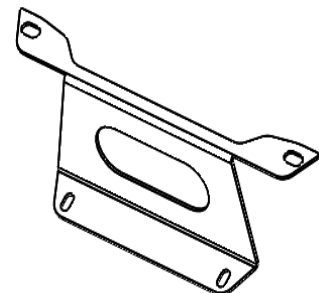
UPPER SCREEN  
2PFB1300-12  
(x1)



STIFFENER BRACKET, RH  
4PFB1910-05  
(x1)



STIFFENER BRACKET, LH  
2PFB1300-23  
(x1)



LOWER BUMPER SUPPORT  
2PFB1300-18  
(x1)





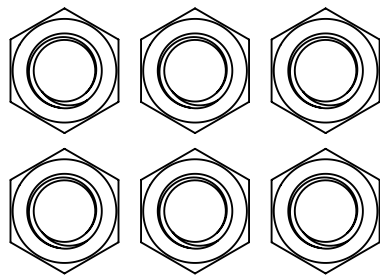
**POLARIS RANGER  
DESTROYER SERIES**

**FRONT BUMPER**

**Bolt Kit**

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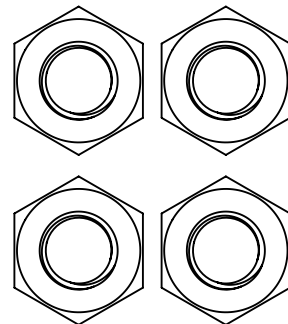
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HEX NUT 3/8-16

(36306)

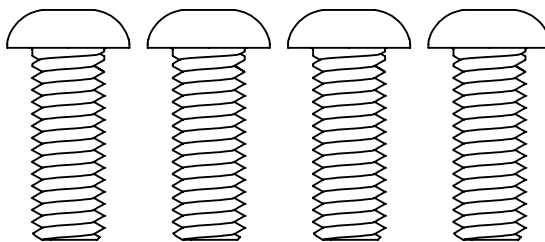
**(x6)**



HEX NUT M10-1.5

(40308)

**(x4)**

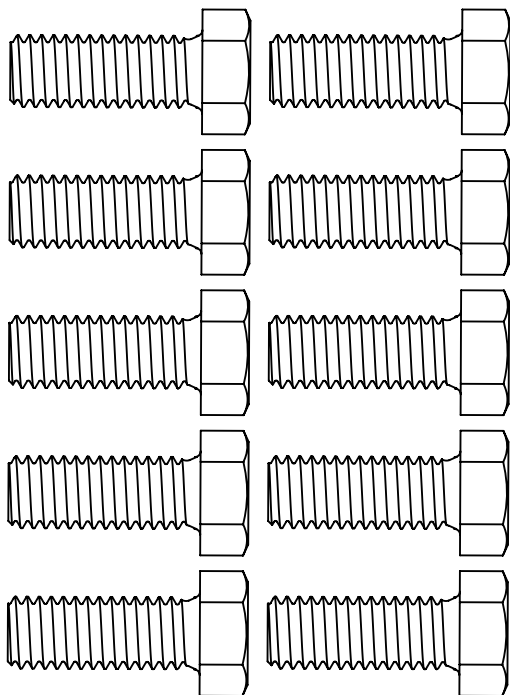


BUTTON HEAD SCREW

3/8-16 X 1.00"

(94092)

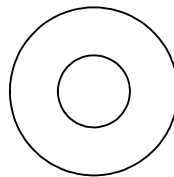
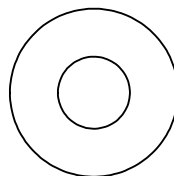
**(x4)**



HEX BOLT 3/8-16 X 1.00"

(11105742)

**(x10)**

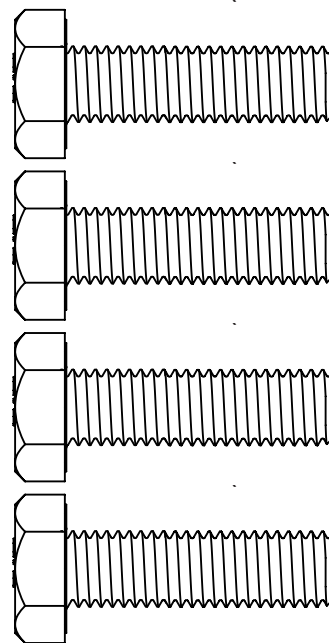


FLAT WASHER

Ø5/16 X .875"

(0159679)

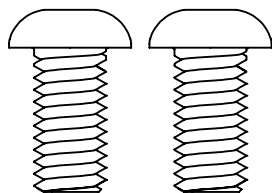
**(x2)**



HEX BOLT M10-1.5 X 35MM

(0145161)

**(x4)**



BUTTON HEAD SCREW

3/8-16 X .75"

(94090)

**(x2)**





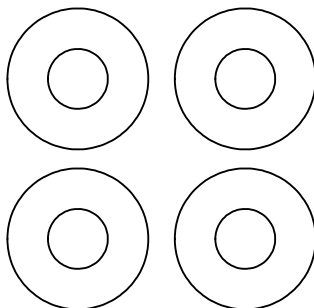
**POLARIS RANGER  
DESTROYER SERIES**

FRONT BUMPER

Bolt Kit

Packaged by:

On:

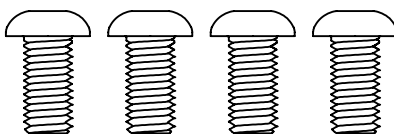


FLAT WASHER

Ø #12 X .56"

(33076)

(x4)

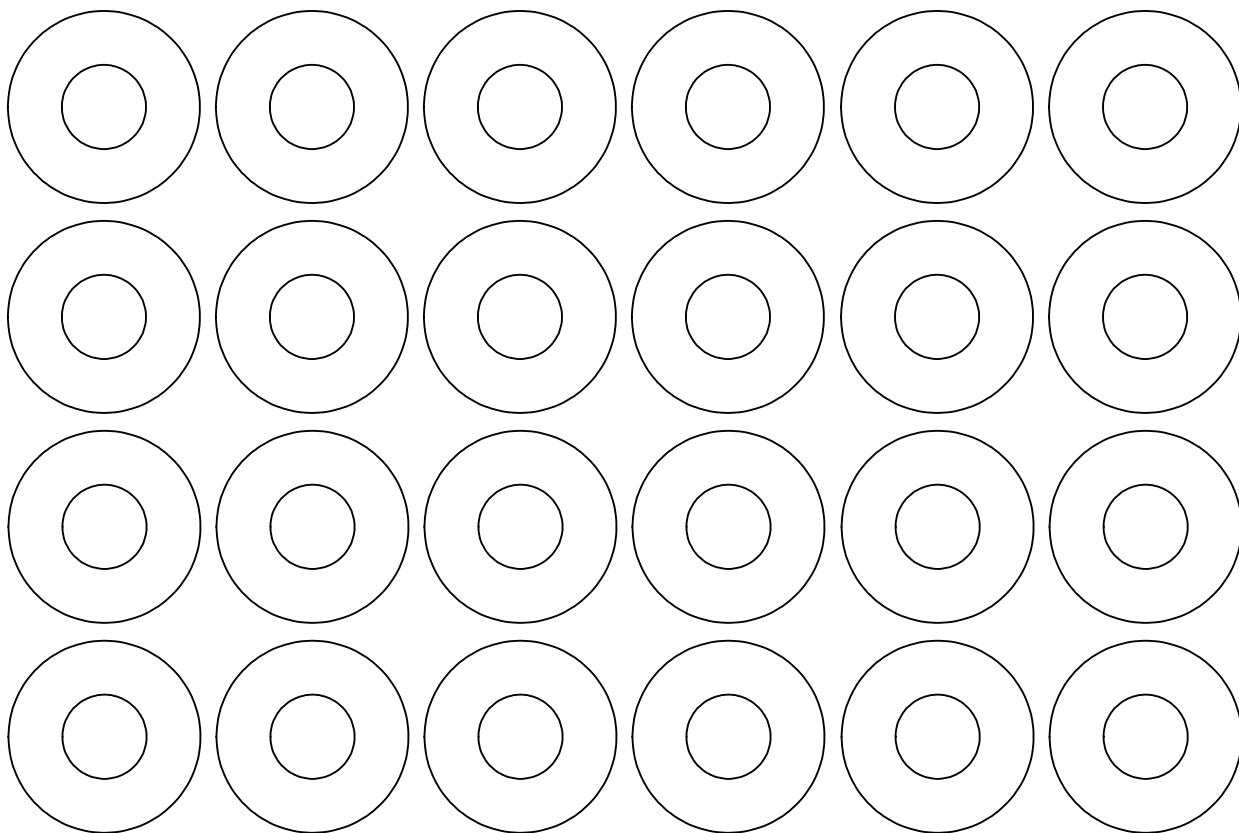


FLAT WASHER

1/4-20 X .50"

(94049)

(x4)



FLAT WASHER

Ø3/8" X 1.00"

(980295A451)

(x24)

