

# FRONT BUMPER

— User Manual —

17-22 Ford F-250



Model:	NF201A101-1A
Material:	Q235A
Product Dimensions:	48.6 x 11.8 x 15.2 inch
Package Dimensions:	52.4 x 13.4 x 14.2 inch
Product Weight:	91.7 lbs

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※ Thank you for purchasing the FRONT BUMPER. Please read this manual carefully and keep it properly if you need to refer to it afterward. If you need any support or assistance, please contact us with your product model number and order number, and our support team will help you solve problems.



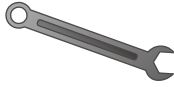



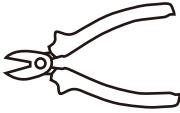
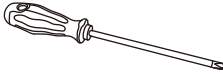
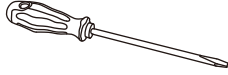

**⚠ WARNING**

※ This product is designed primarily to enhance the appearance of the vehicle. Do not rely in any way on the components of this product to protect against injury or death in the event of an accident. To reduce the risk of serious injury or property damage, please read all safety messages and understand all instructions and procedure notices before attempting to install or use this product.

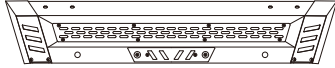

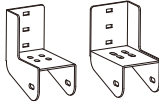
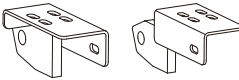
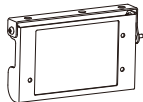
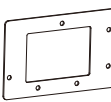



**⚠ CAUTION**

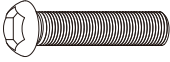
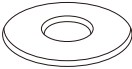




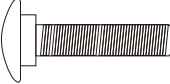






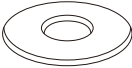

※ Properly torque and recheck fasteners and security of step tread after 250 miles and inspect frequently. Do not use if damaged.

# REQUIRED TOOLS

<b>Socket</b> 	<b>Ratchet</b> 	<b>Wrench</b> 	<b>Allen Wrench</b> 	<b>Panel Remover</b> 
<b>Electric Drilling</b> 	<b>lineman Pliers</b> 	<b>Phillips Screwdriver</b> 	<b>Flathead Screwdriver</b> 	<b>Safety Glasses</b> 

## Parts Information

NO.	Parts Name	Size	Line Graph	Qty	Color
①	Mid Bumper	/		1	Black
②	Skid Plate	/		1	Black
③	Brackets L/R	/		1	Black
④	Trailer Hitch L/R	/		1	Black
⑤	Relocation Bracket	/		1	Black
⑥	Conversion Plate	/		1	Black
⑦	Shackles	/		2	Black
⑧	H-Rubber Strip	14x12mm		2.3	Black
⑨	Half Head Allen Bolts	M6x15		4	SUS304

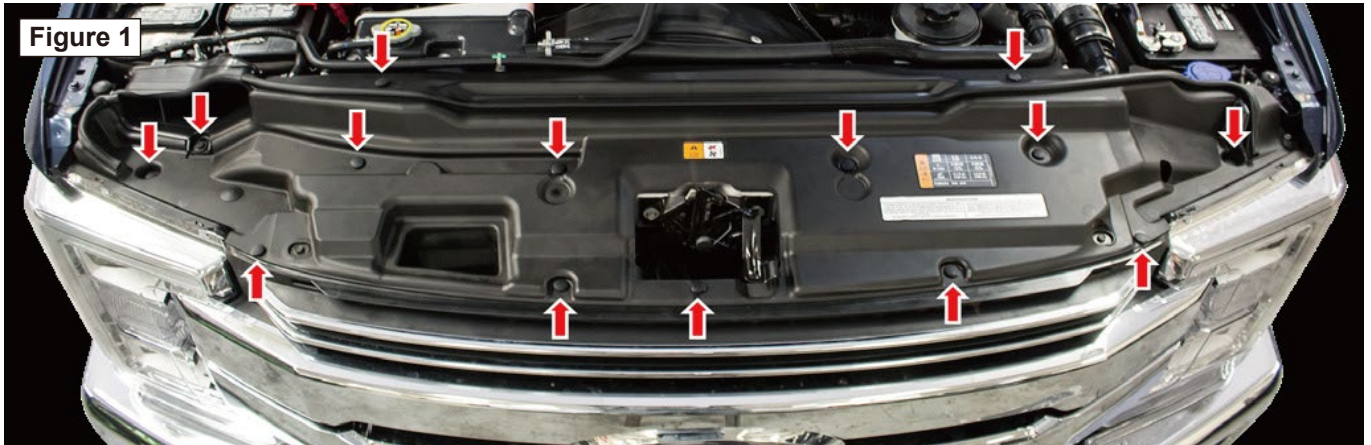
NO.		Parts Name	Size	Line Graph	Qty	Color
⑩	B55	Half Head Allen Bolts	M6x30		4	Blue Zinc Plating
⑪	W46	Flat Washer	Φ6x18x1.5		7	SUS304
⑫	N35	Hex Lock Nuts	M6		7	SUS304
⑬	B79	Hex Flange Bolts	M8x60		4	Dacro Black
⑭	N14	Hex Flange Nuts	M8		9	Dacro Black
⑮	W43	Flat Washer	Φ8x20x2		9	Dacro Black
⑯	B80	Square Neck Bolt	M8x25		6	Dacro Black
⑰	B46	Half Head Allen Bolts	M6x40		3	Dacro Black
⑱	N11	Hex Lock Nuts	M6		3	Dacro Black
⑲	B76	Hex Bolts	M12x50		13	Dacro Black
⑳	N34	Hex Flange Nuts	M12		13	Dacro Black
㉑	B34	Square Neck Bolt	M10x35		7	Dacro Black
㉒	W21	Plastic Plate	Φ8.5x40x0.8		7	PVC
㉓	W23	Flat Washer	Φ10x25x2		7	Dacro Black
㉔	N17	Hex Flange Nuts	M10		7	Dacro Black

# Installation Instructions

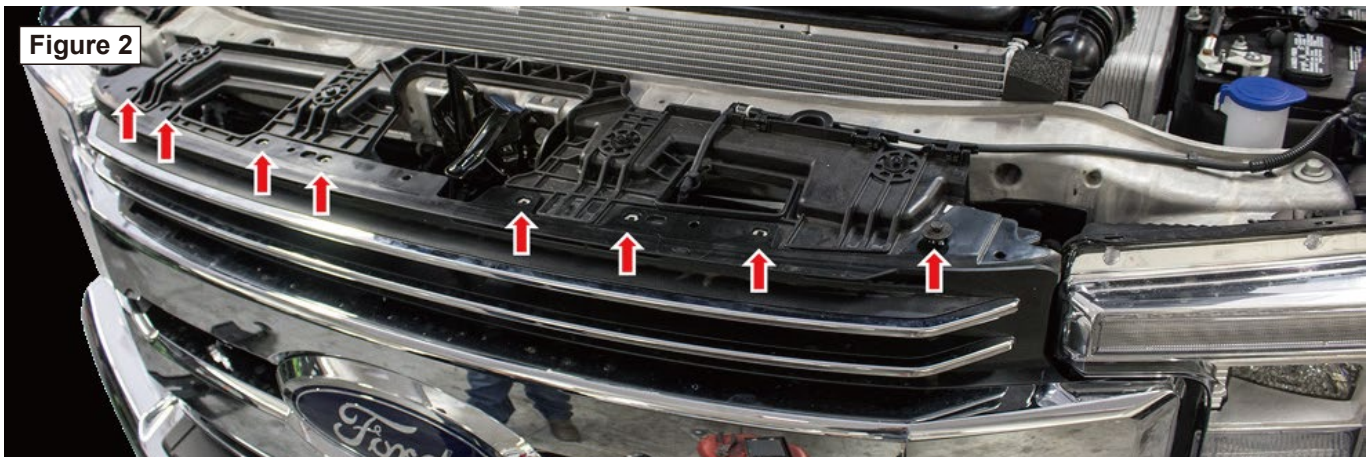
**Step 1:** Open the carton and take out the parts. Check whether the number of components is complete.

## Removal >>>

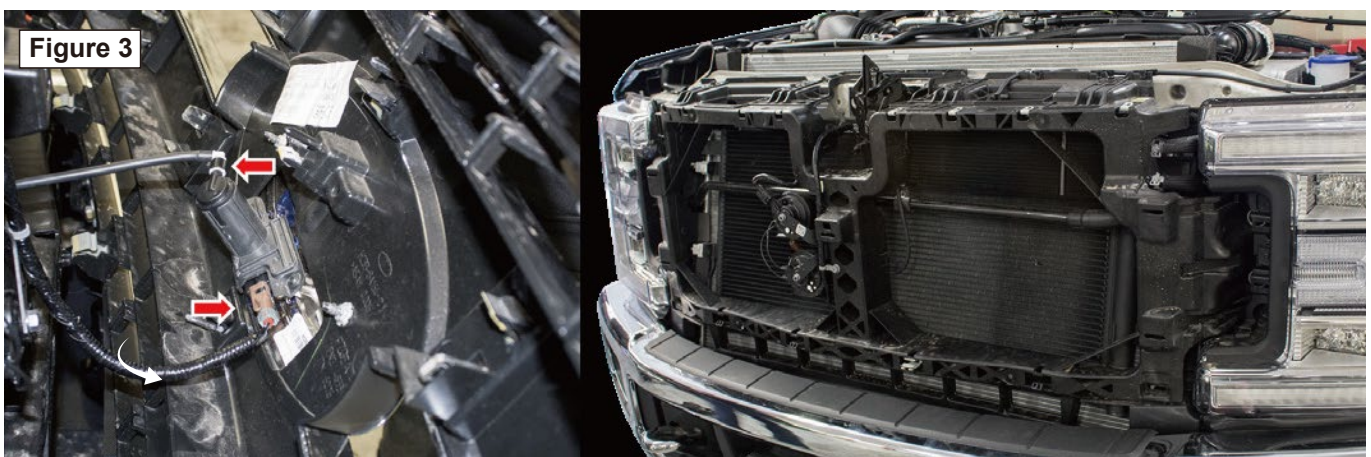
**Step 2:** Remove the plastic clips that hold on the radiator cover. Then, remove the radiator cover. **(Figure 1)**



**Step 3:** Use a 10mm Socket to remove the grille mounting bolts (x8). **(Figure 2)**

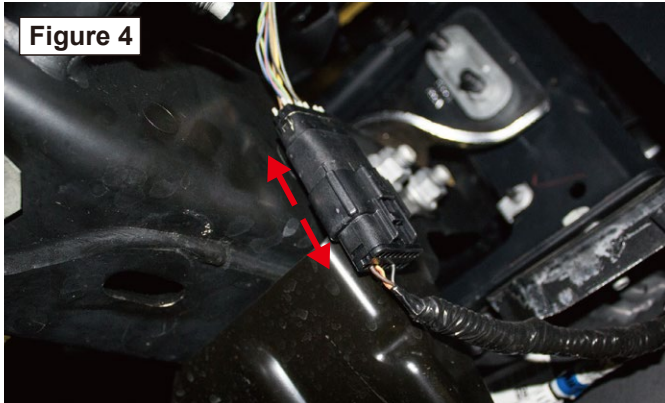


**Step 4:** Pull the grille off. As you are pulling the grille off, make sure to unplug the front camera and water line (on the back side of the grille). **(Figure 3)**



**Step 5:** Unplug the main fog light harness connector. This connector is located along the driver side frame rail underneath the truck. **(Figure 4)**

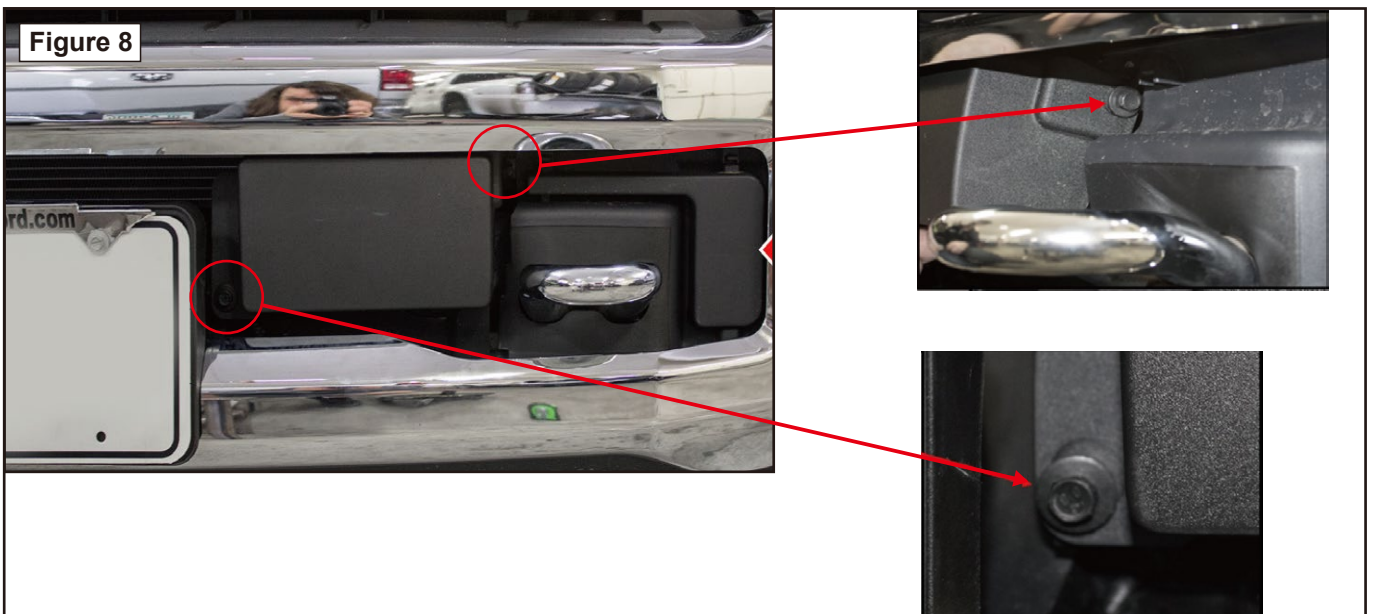
**Step 6:** Use a 15mm Socket to remove the two bolts (per side) that secure the OEM bumper side supports. These bolts can be seen when looking into the wheel well, towards the front of the truck. Save these bolts for reuse. **(Figure 5)**



**Step 7:** Using the panel remove tool, remove the two plastic caps around the tow hook. **(Figure 6~7)**

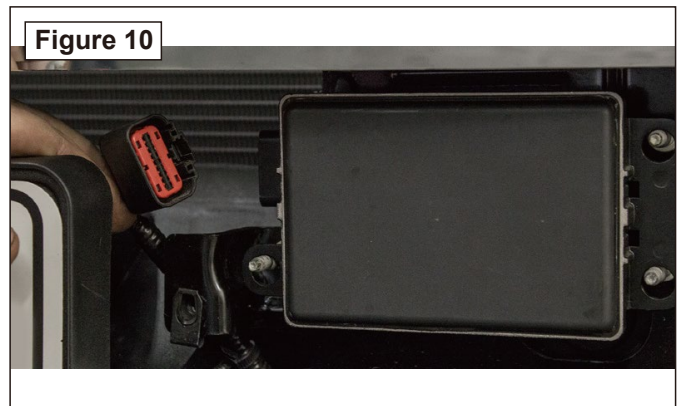
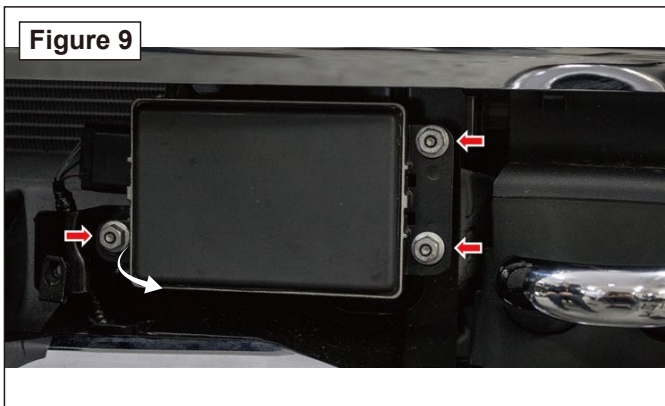


**Step 8:** Remove the two 10mm bolts holding on the second plastic cover on the driver side of the front bumper. Then, remove that cover. **(Figure 8)**



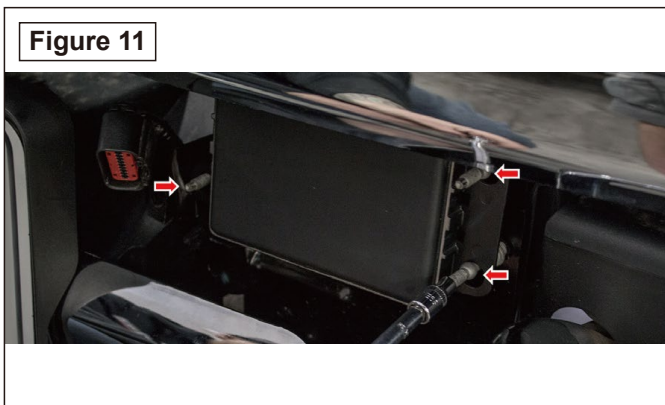
**Step 9:** Using an 11mm Socket, remove the Adaptive Cruise Control Module mounting nuts.(**Figure 9**)

**Step 10:** Unplug the module. (**Figure 10**)



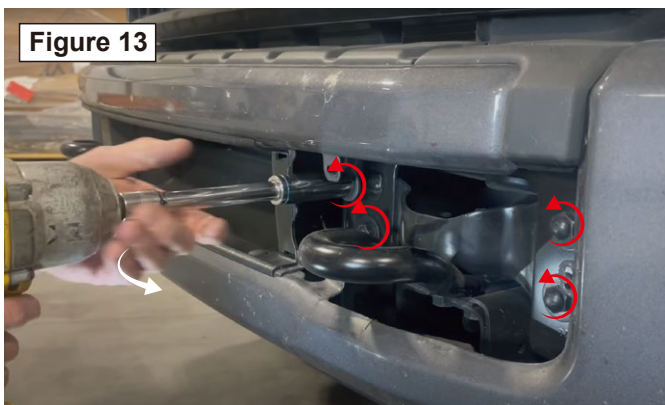
**Step 11:** Using an E6 External Torx Socket, remove the Adaptive Cruise Control Module mounting studs (x3). Then, remove the module from the vehicle. (**Figure 11**)

**Step 12:** Remove the stud/plastic sleeve from the Adaptive Cruise Module. (**Figure 12**)



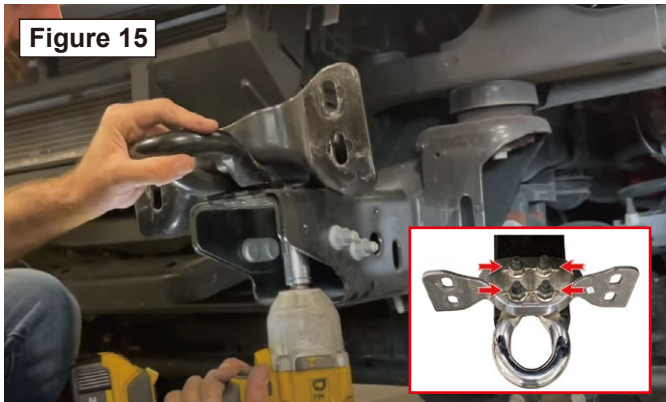
**Step 13:** Use an 18mm Socket to remove the OEM bumper mounting bolts (4 per side) that are visible after removing the two small plastic covers. (**Figure 13**)

**Step 14:** Remove the OEM front bumper. (**Figure 14**)



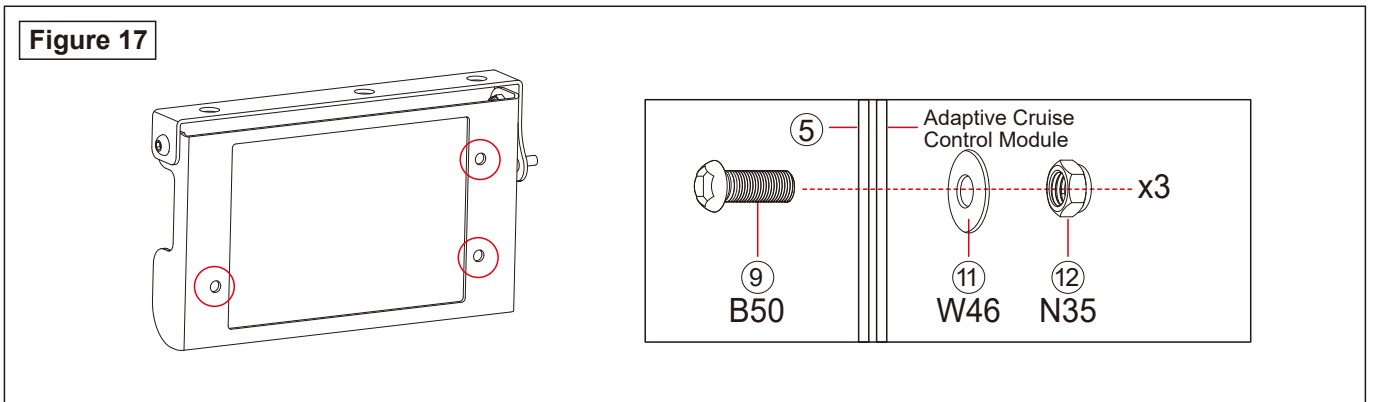
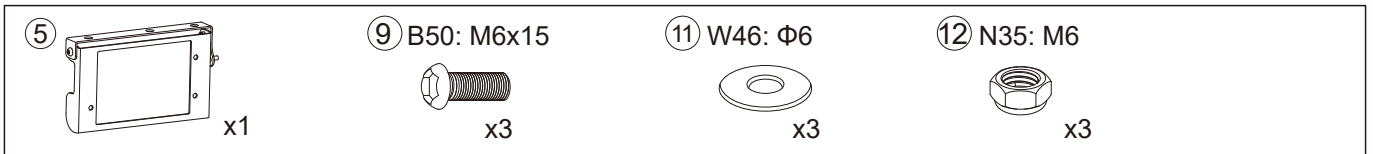
**Step 15:** Use an 18mm to remove the tow hook mounting bolts (4 per side), then remove the tow hooks. **(Figure 15)**

**Step 16:** Use an 18mm Socket to remove the mounting nuts (4 per side) for the lower brackets on each frame rail. Then, remove these brackets. Save these bolts for reuse. **(Figure 16)**



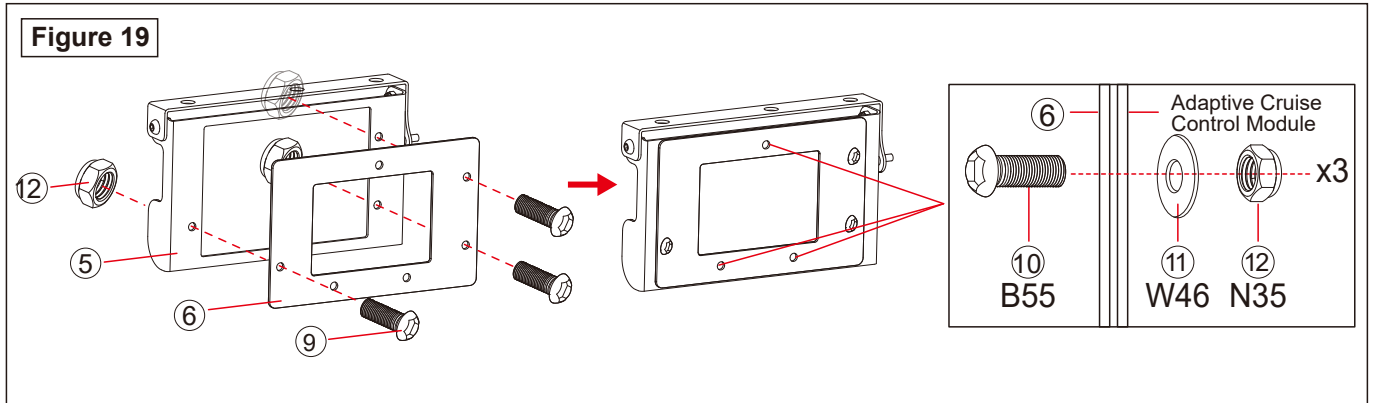
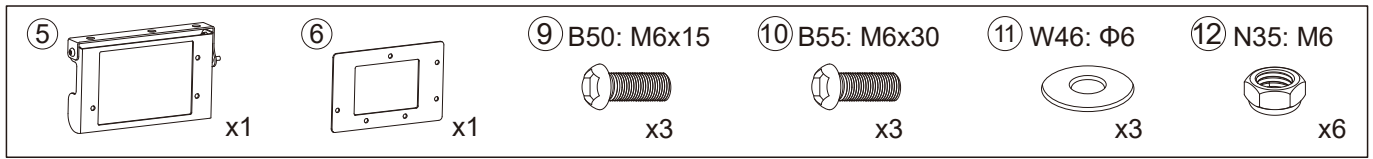
## Install adaptive cruise control >>>

**Step 17:** *If your vehicle version is 17-19 F250 and the Adaptive Cruise Control Module looks as shown in Figure 18, mount the Adaptive Cruise Control Module to the Relocation Bracket. (Figure 17). If not, skip to the next step.*





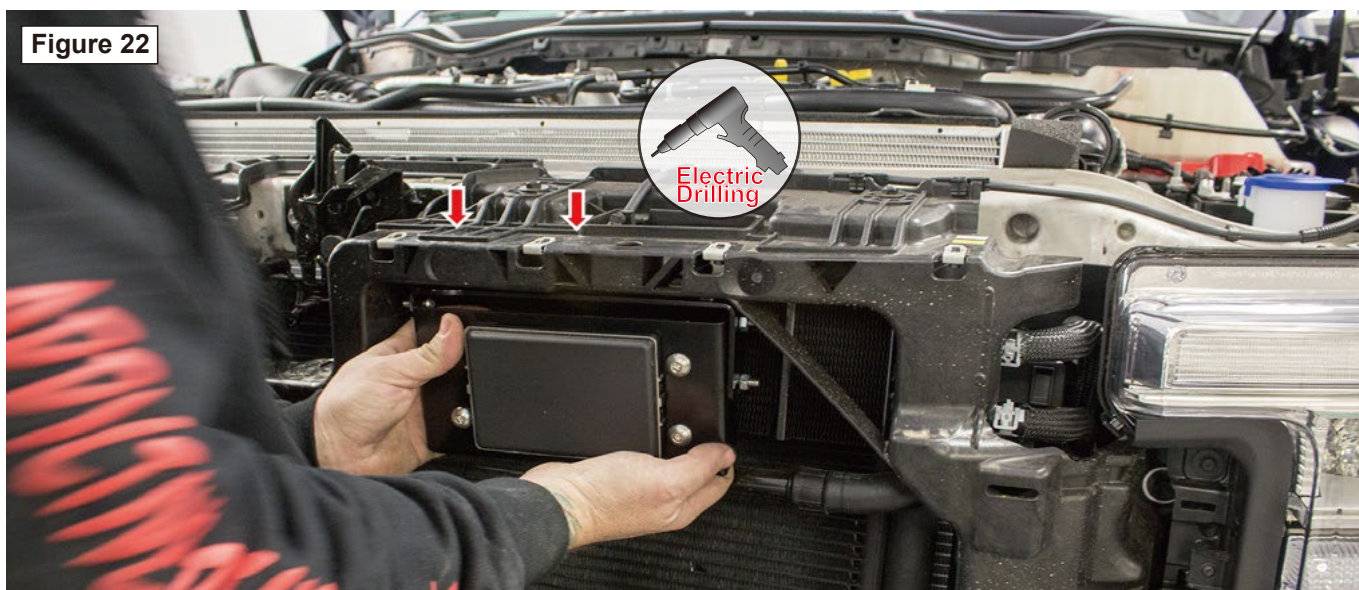
**Step 18:** *If your vehicle version is 20-22 F250 and the Adaptive Cruise Control Module looks as shown in Figure 20*, install the converter to the conversion plate, then install the cruise module to the relocation bracket (**Figure 19**). *If not, skip to the next step.*



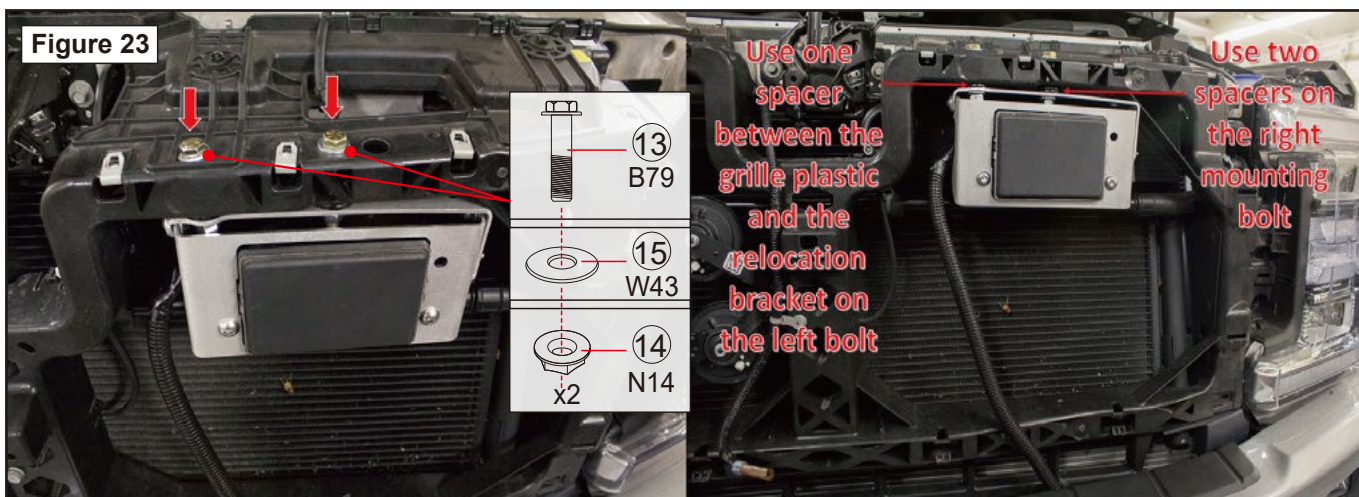
**Step 19:** The recommended starting point for the slotted hole is center slot. (**Figure 21**). Once everything is installed, you can adjust that to preference. Once all the mounting bolts are in place, go back and tighten them all to 8 foot pounds.



**Step 20:** Position the Relocation Bracket as shown in **(Figure 22)**. Then, use the bracket as a template to drill up into the plastic above it. Use two or three mounting holes near the center of the truck.

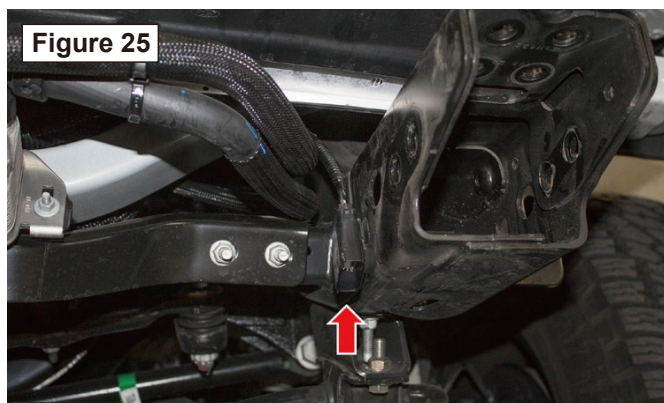
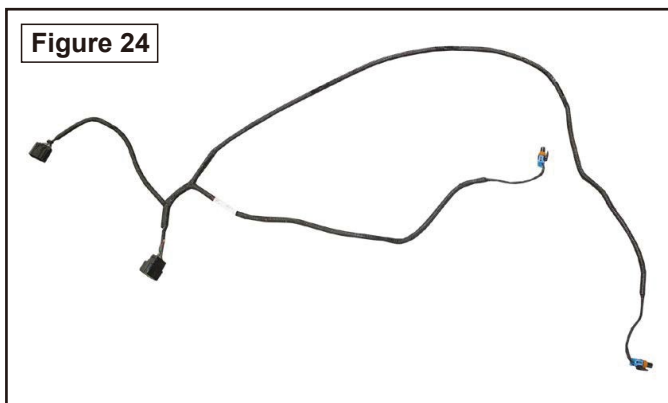


**Step 21:** Install the repositioning bracket to the drilled plastic plate. **(Figure 23)**



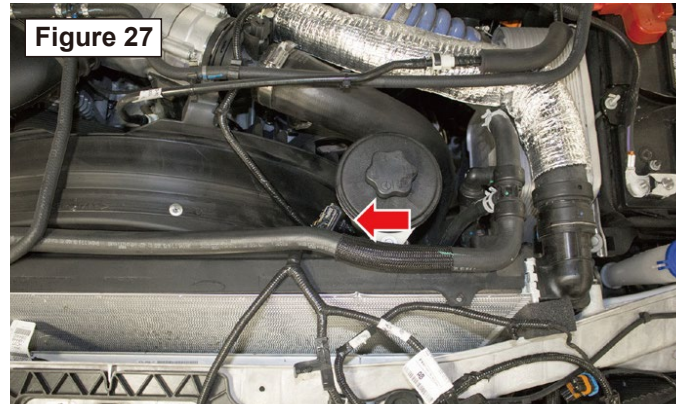
**Step 22:** Remove the front bumper harness from the OEM front bumper. Do this by removing the series of plastic clips that hold it in place. **(Figure 24)**

**Step 23:** Locate the connector that the front bumper harness plugs in to. **(Figure 25)**

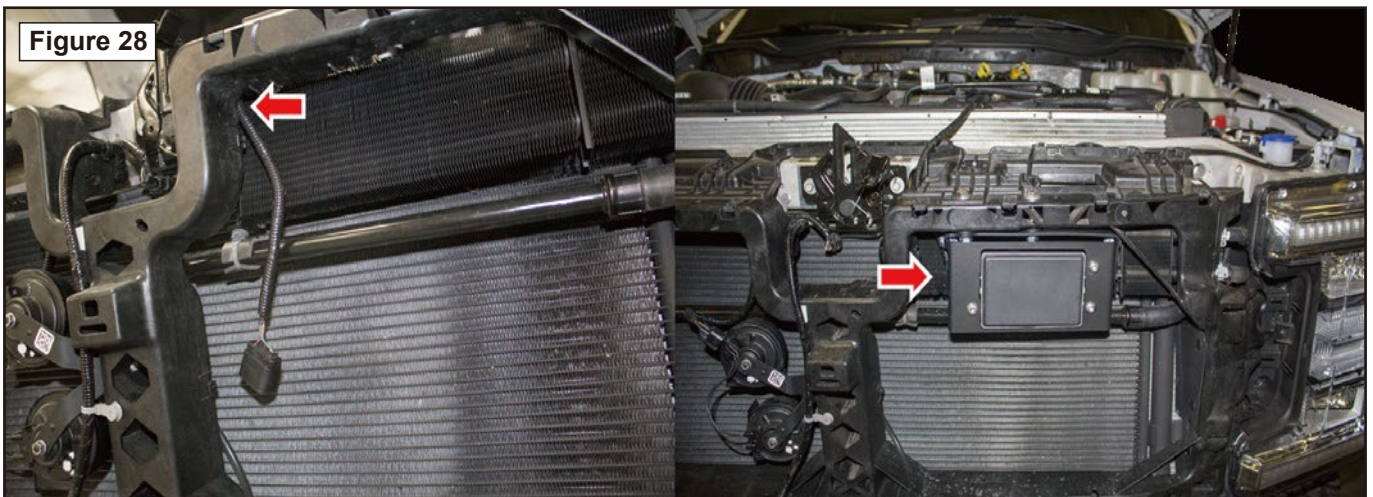


**Step 24:** Starting at the connector from Step 23, follow the harness back and remove all the plastic clips you can reach. Pass the connector from Step 23 up through the engine bay as shown in. **(Figure 26)**

**Step 25:** Take the harness you removed in Step 22 and plug it into the connector from Step 24. **(Figure 27)**



**Step 26:** Feed the Adaptive Cruise Module Connector through the grille area as shown in **(Figure 28)**. Then, plug it into your adaptive cruise control module.



**Step 27:** Reinstall the grille and radiator cover by reversing **Steps 2~4**. As you reinstall the grille, you will need to clearance the top plastic piece to clear the right mounting bolt. **(Figure 29~30)**



Figure 30



**Step 28:** If your adaptive cruise control is not sensitive enough or too sensitive, go back and readjust the position of the Relocation Bracket. Do this by adjusting where the bolt from Step 19 is sitting within the slotted hole. Face the module more towards the ground to make it more sensitive or face it more towards the sky to make it less sensitive.

## Install front bumper >>>

※**NOTE:**

*If you have purchased one of our kits, such as winch brackets, side wings, and bull bars, you will first need to follow the instructions that came with the product, and then follow the steps below to install our front bumper.*

**Step 29:** Installation of the Brackets and Trailer Hitch. (Figure 31~33)

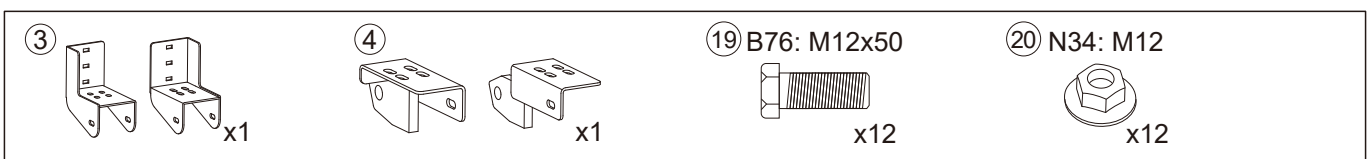


Figure 31

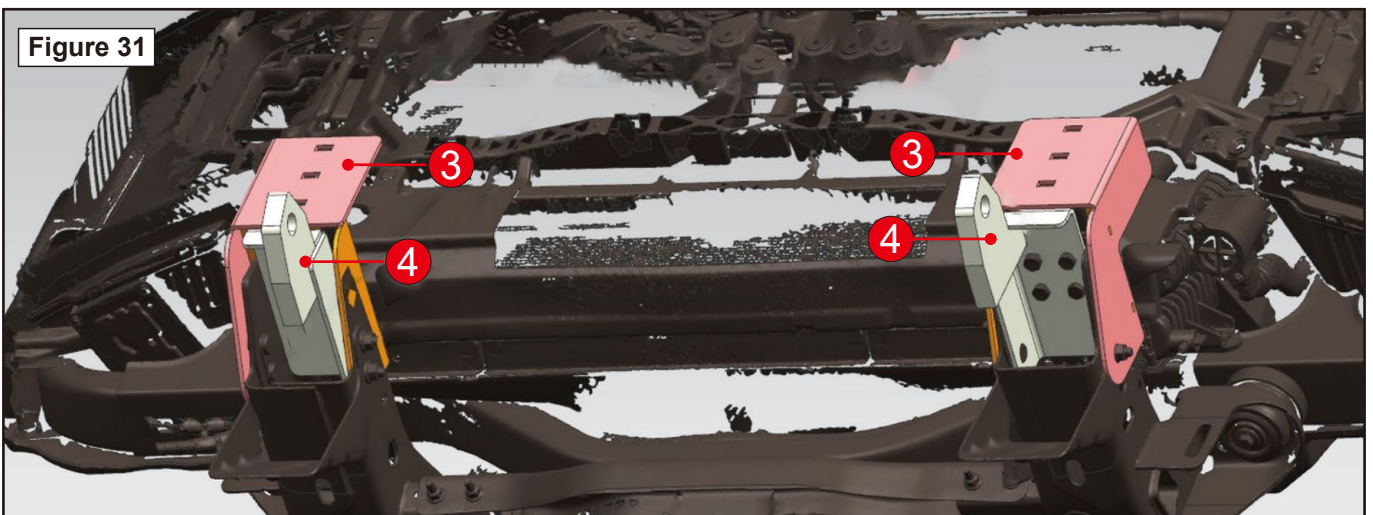


Figure 32

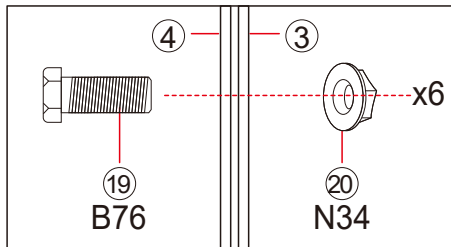
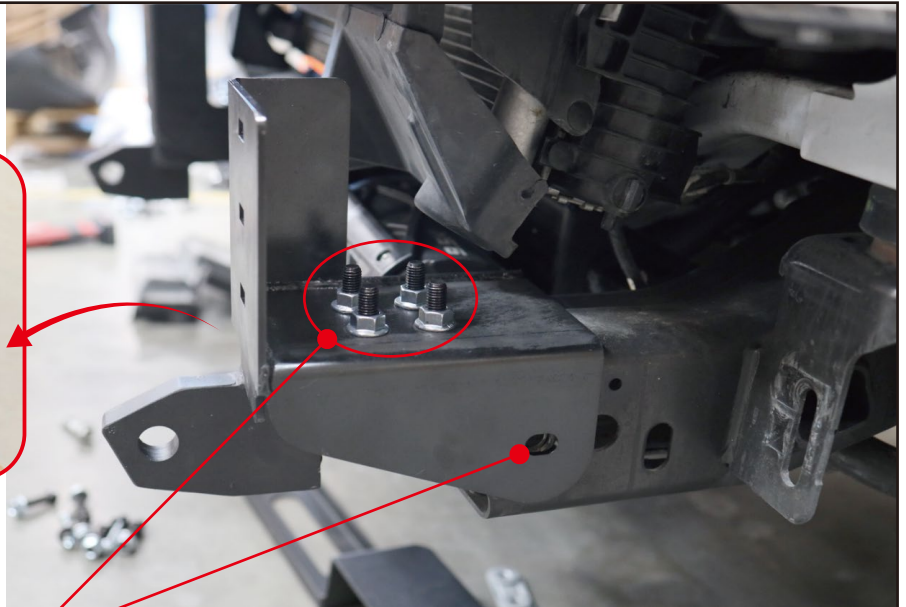
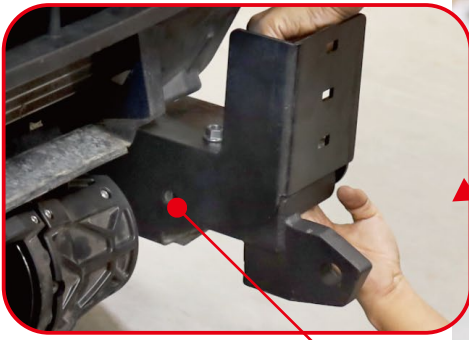
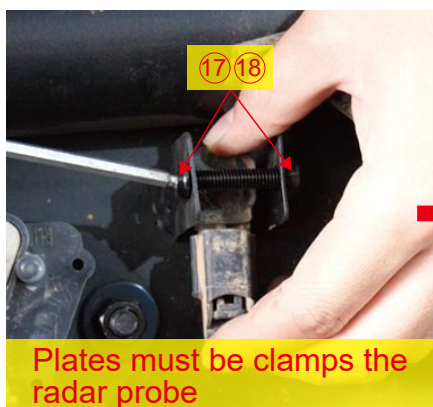
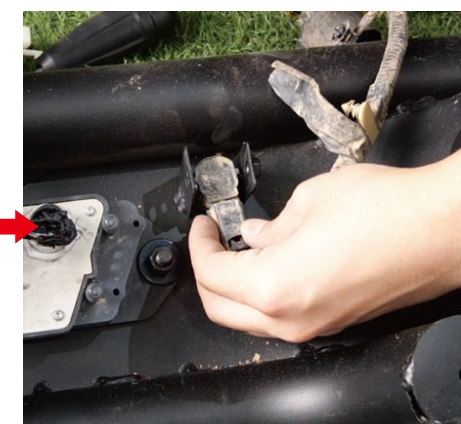
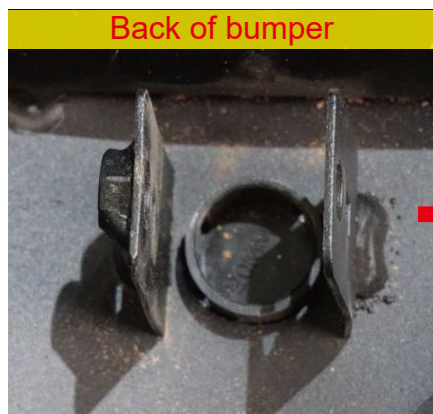
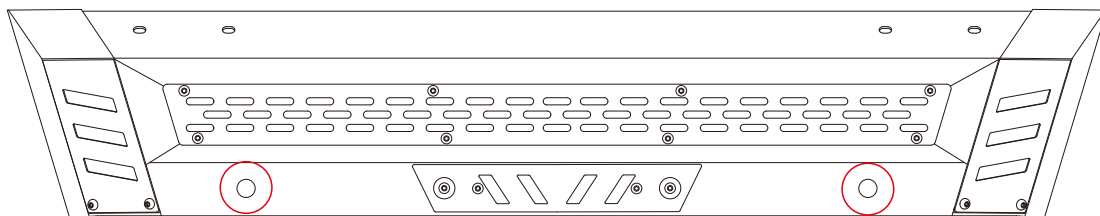


Figure 33

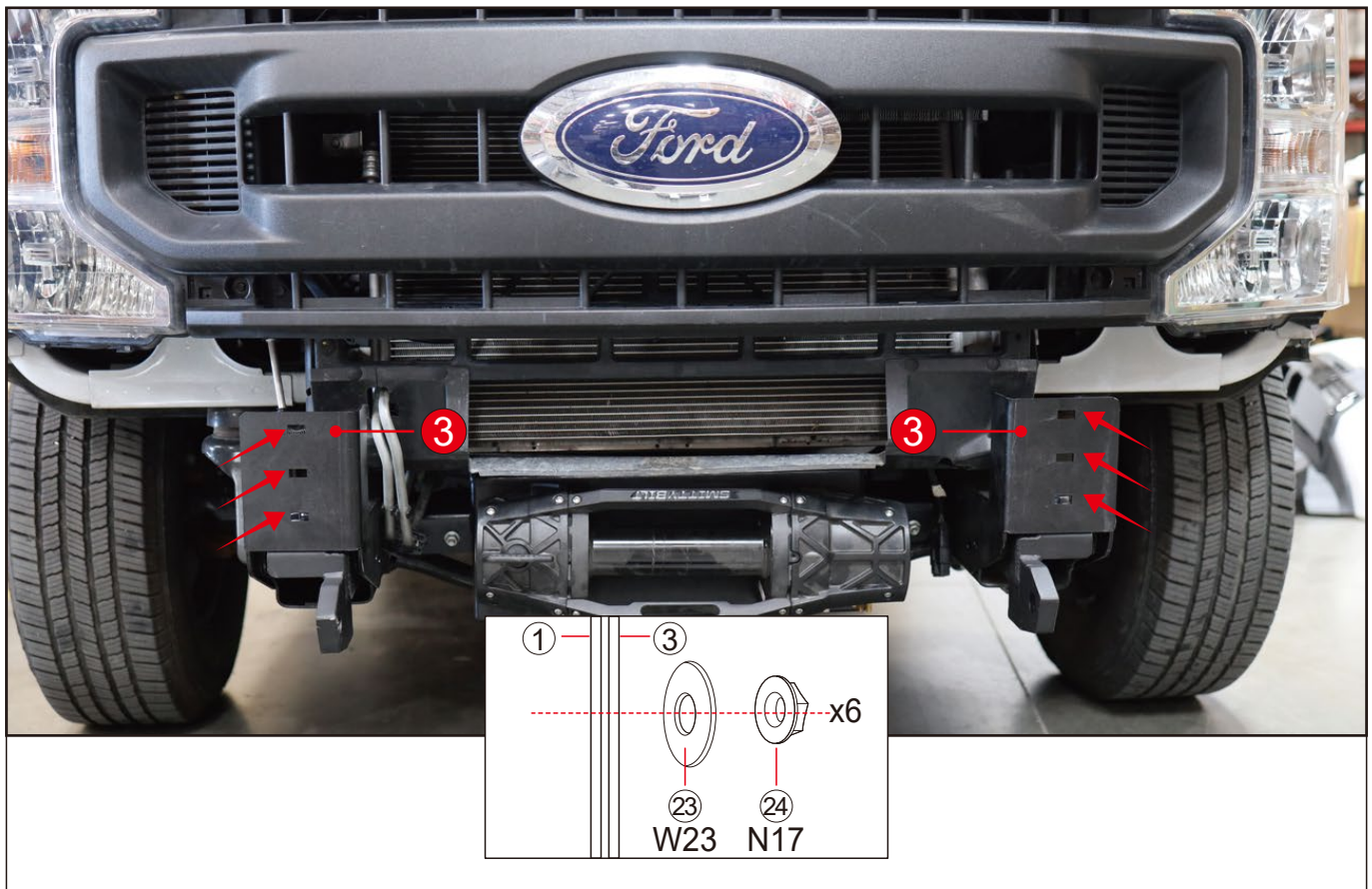
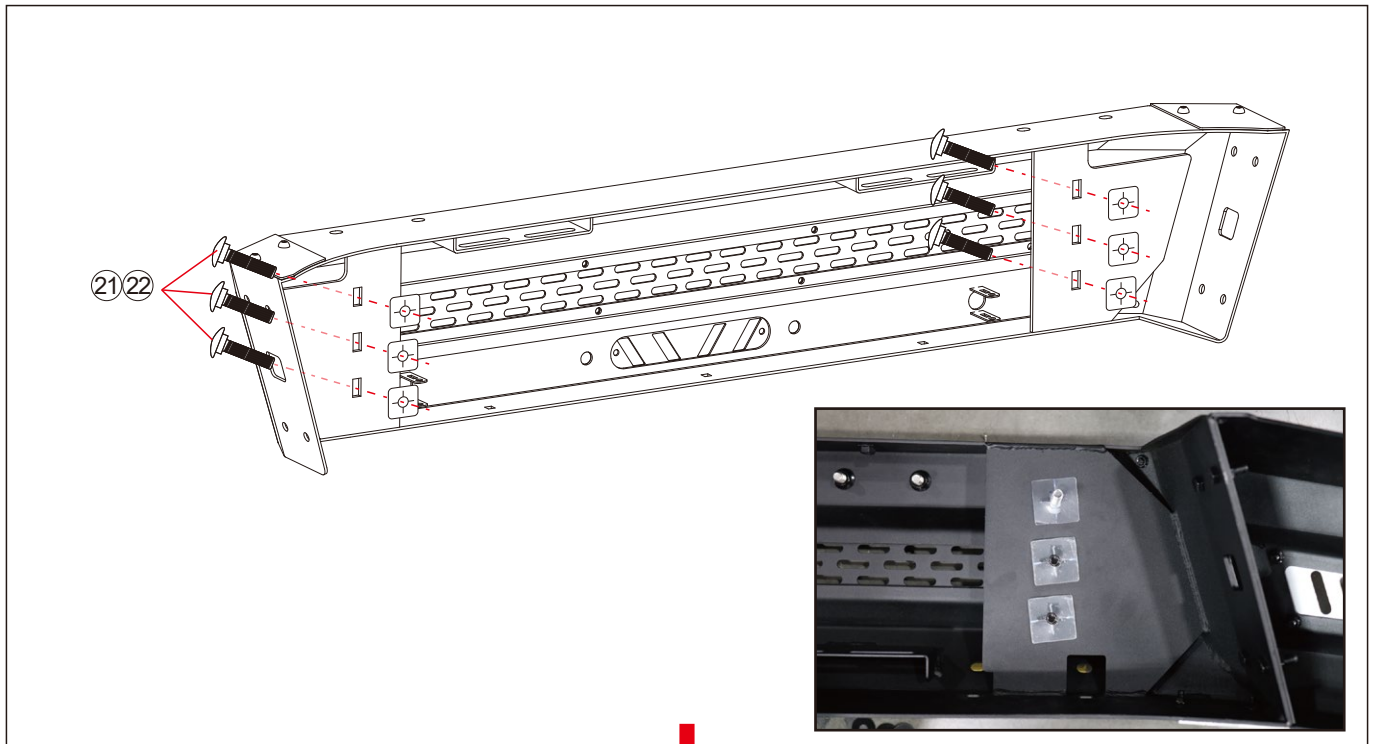
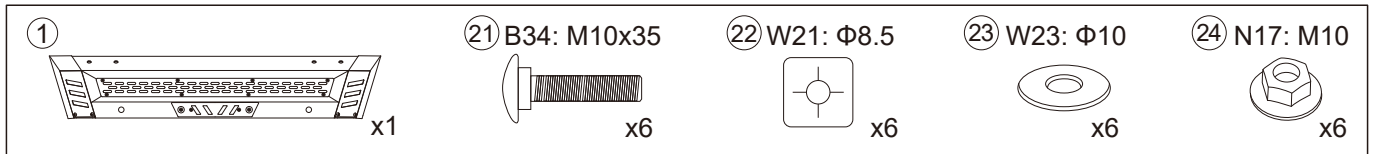


### Step 30: Install the Radar Probe.

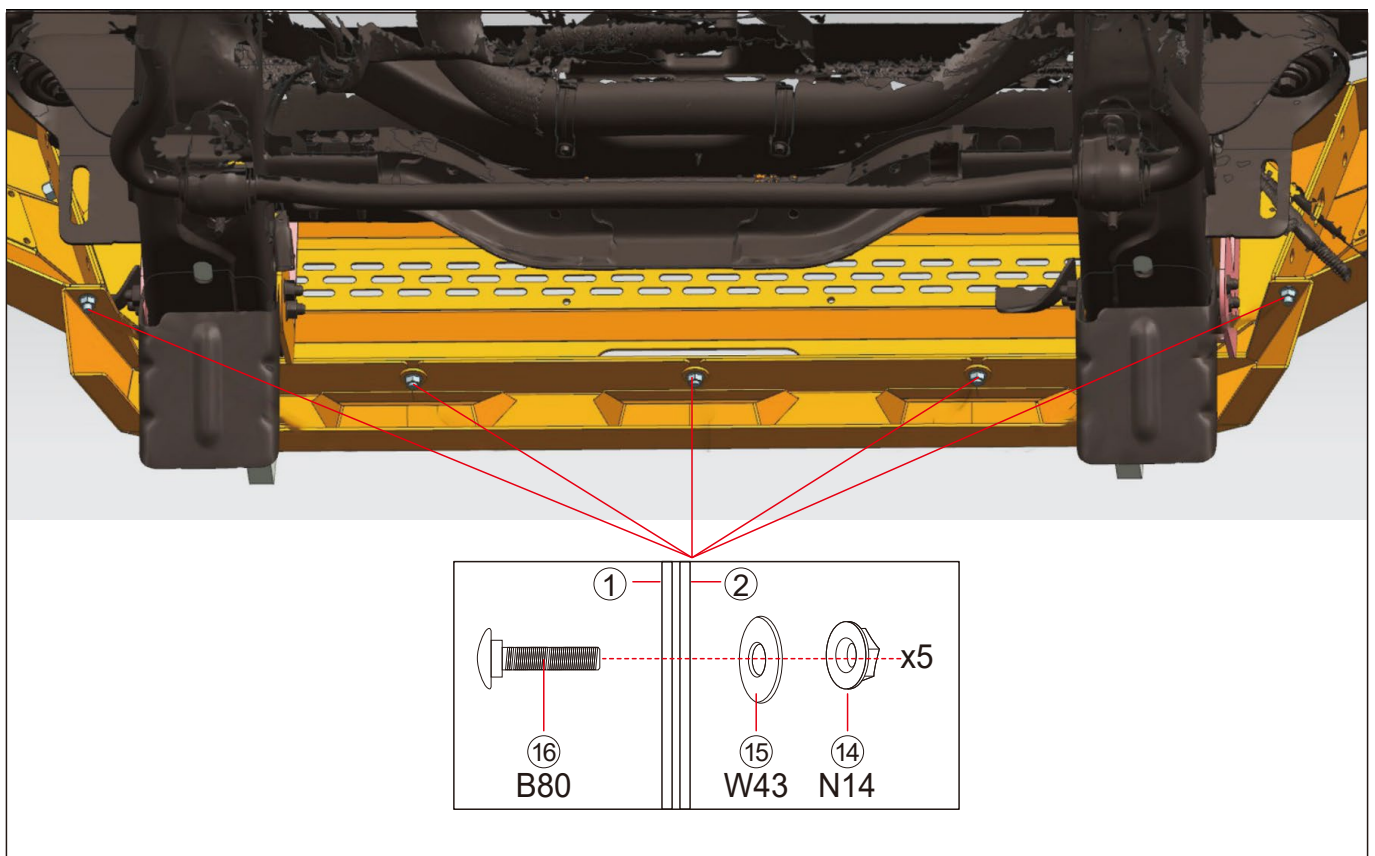
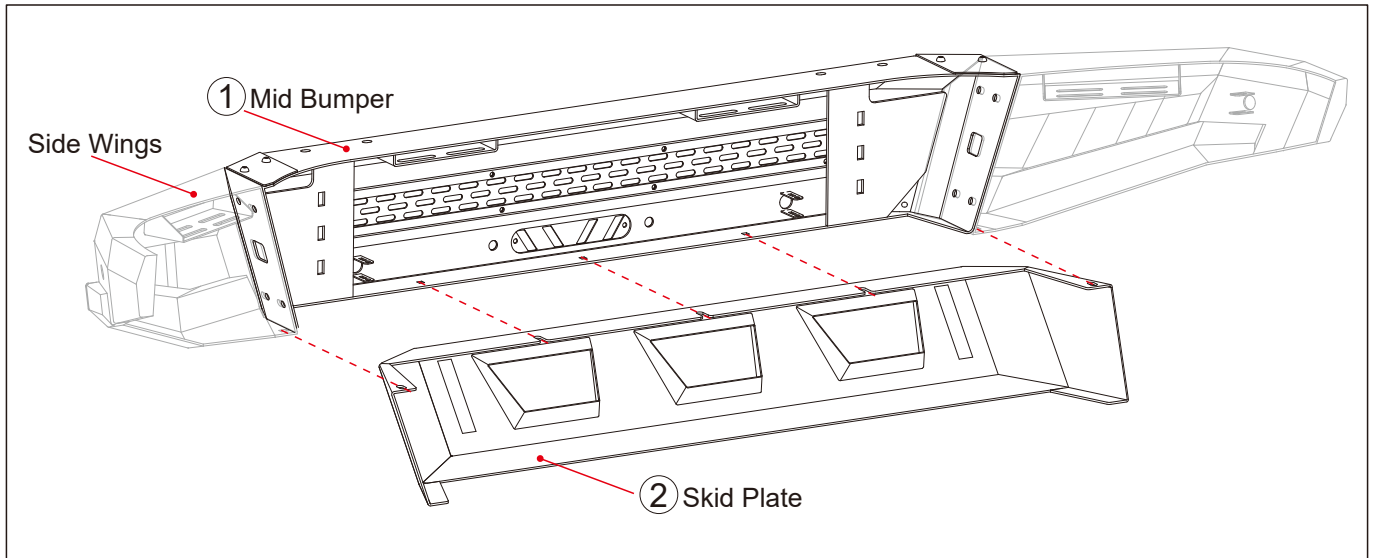
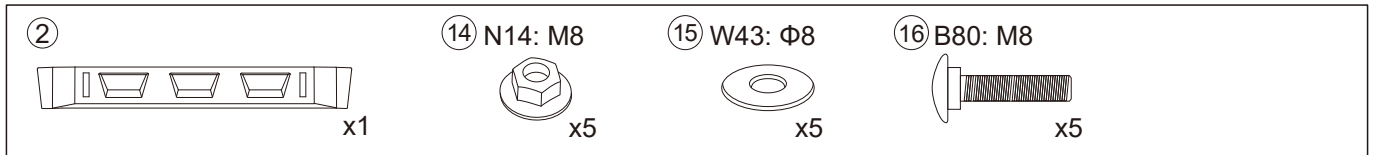
Note: If the car does not have a radar probe, this step can be ignored.



## Step 31: Installation of the front bumper.



## Step 32: Installation of the Skid Plate.

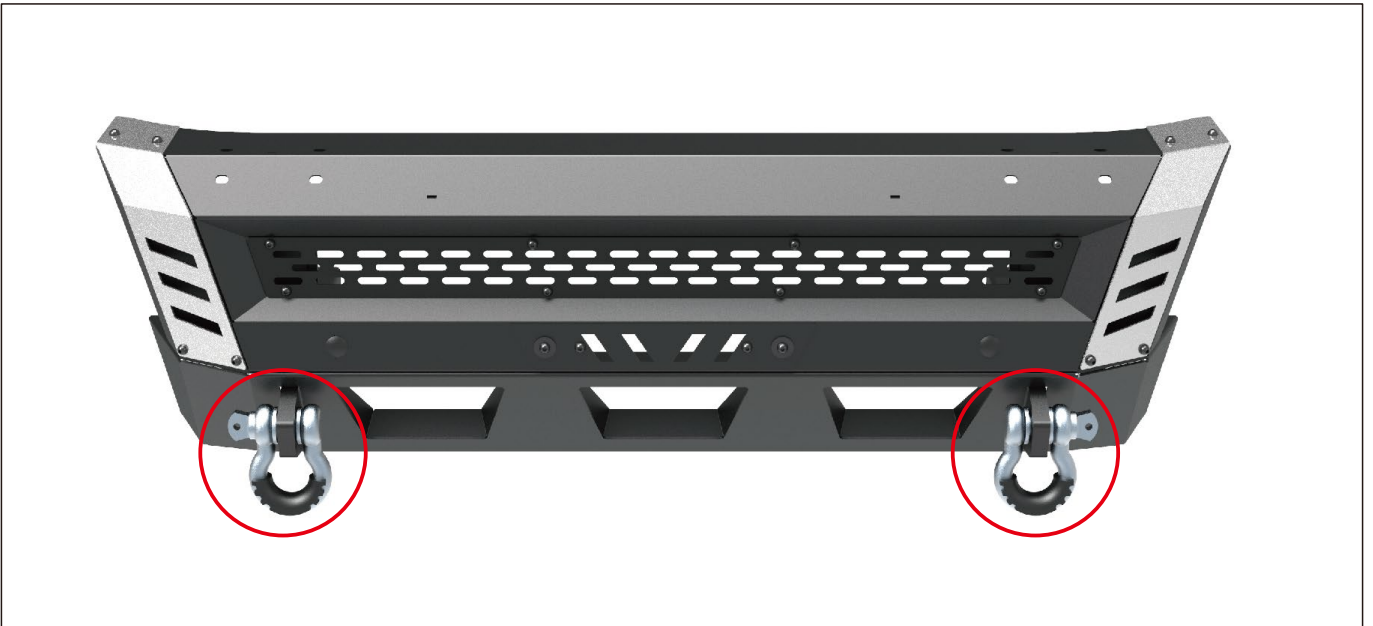




**Mid Bumper + Our Side Wings ( NF201A101-2A ) + Our Bull Bar ( NF201A101-3B )**



**Step 33:** Install the ⑦ Shackles.



# FRONT BUMPER SIDE WINGS

User Manual

17-22 Ford F-250



**NF201A101-2A**



**NF201A101-2B**

Model:	NF201A101-2A	NF201A101-2B
Material:	Q235A	Q235A
Product Dimensions:	17.7 x 17.7 x 9 inch	17.7 x 18.1 x 9.8 inch
Package Dimensions:	31.5 x 13 x 11.4 inch	31.5 x 18.9 x 12.6 inch
Product Weight:	28.7 lbs	28.7 lbs

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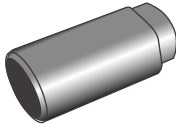
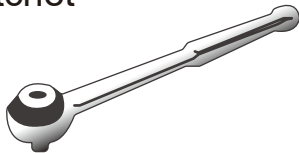
※ Thank you for purchasing the FRONT BUMPER SIDE WINGS. Please read this manual carefully and keep it properly if you need to refer to it afterward. If you need any support or assistance, please contact us with your product model number and order number, and our support team will help you solve problems.

**⚠ WARNING**

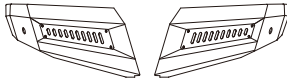


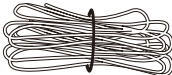
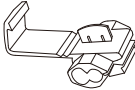
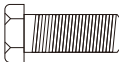

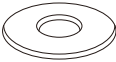



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**⚠ CAUTION**

※ Properly torque and recheck fasteners and security of step tread after 250 miles and inspect frequently. Do not use if damaged.

<b>REQUIRED TOOLS</b>	Socket	
	Ratchet	

## Parts Information

NO.		Parts Name	Size	Line Graph	Qty	Color
①	2A	Side Wings L/R	/		1	Black
	2B			or 	1	Black
②	/	4 Inch Ledlight	/		2	/
③	/	Cable Wires	/		1	/
④	/	Wire Connector Clips	/		9	/
⑤	B20	Hex Bolts	M8x25		9	Dacro Black
⑥	W16	Spring Washer	Φ8		9	Dacro Black
⑦	W19	Flat Washer	Φ8x24x2		9	Dacro Black
⑧	N22	Hex Nuts	M8		9	Dacro Black
⑨	B46	Half Head Allen Bolts	M6x40		3	Dacro Black
⑩	N11	Hex Lock Nuts	M6		3	Dacro Black

**NOTE:**

Spare parts such as B20、 W16、 W19、 N22、 B46 and N11 are provided with 1PCS each (included in the number of parts details).


# Installation Instructions

※**NOTE:** This installation manual takes one of the models as an example.

**Step 1:** Open the carton and take out the parts. Check whether the number of components is complete.

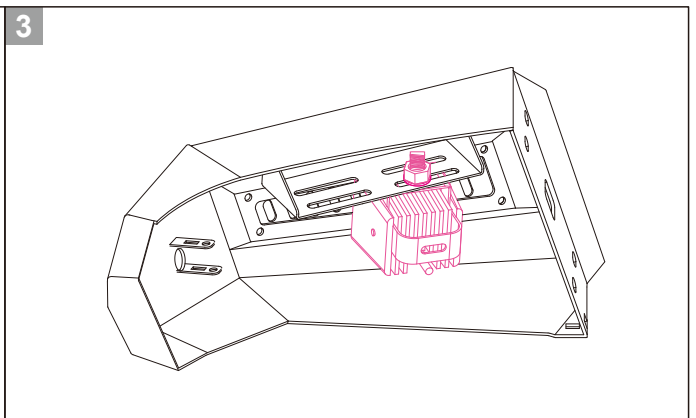
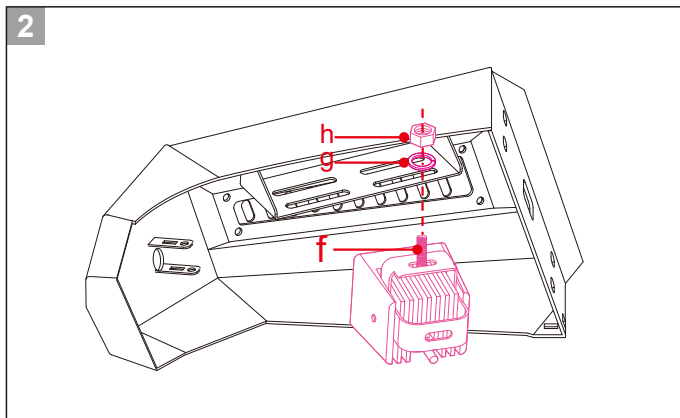
**Step 2:** Install the 4 Inch Led Light.

1

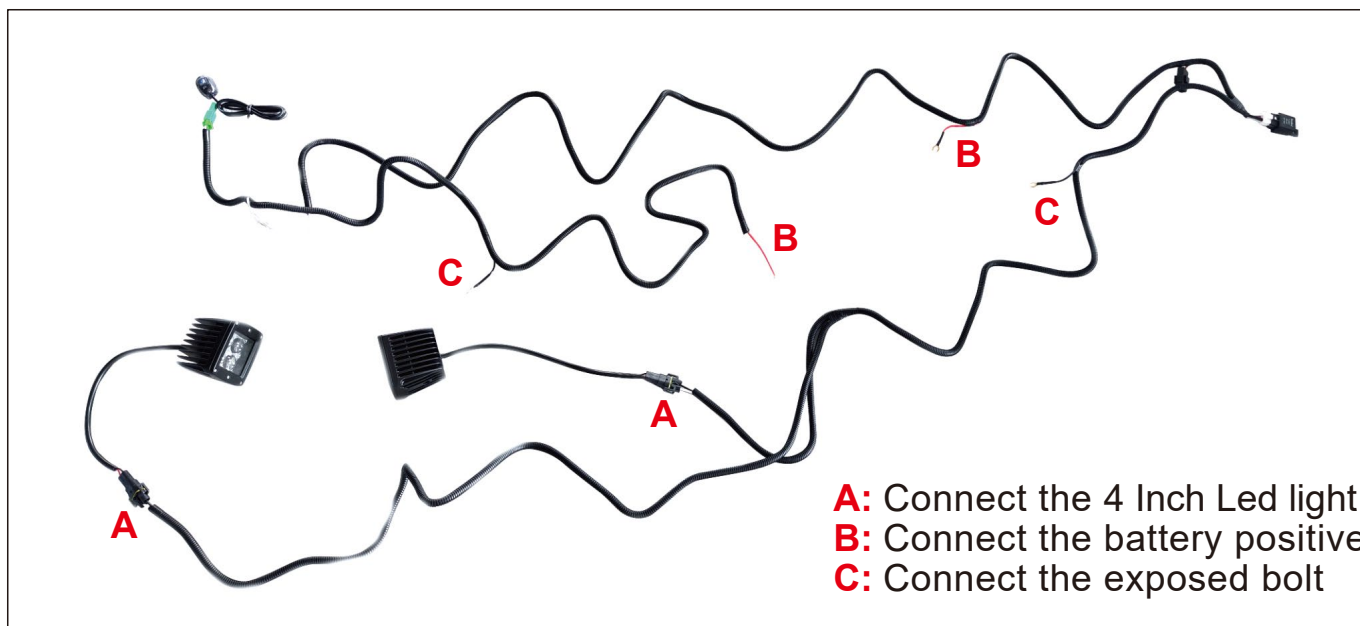
4 Inch Led Light Parts		
	<b>ax2</b>	
	<b>bx2</b>	
	<b>cx4</b>	
	<b>dx4</b>	
	<b>ex1</b>	
	<b>fx2</b>	
	<b>gx2</b>	
	<b>hx2</b>	



Assemble the 4 Inch LED light

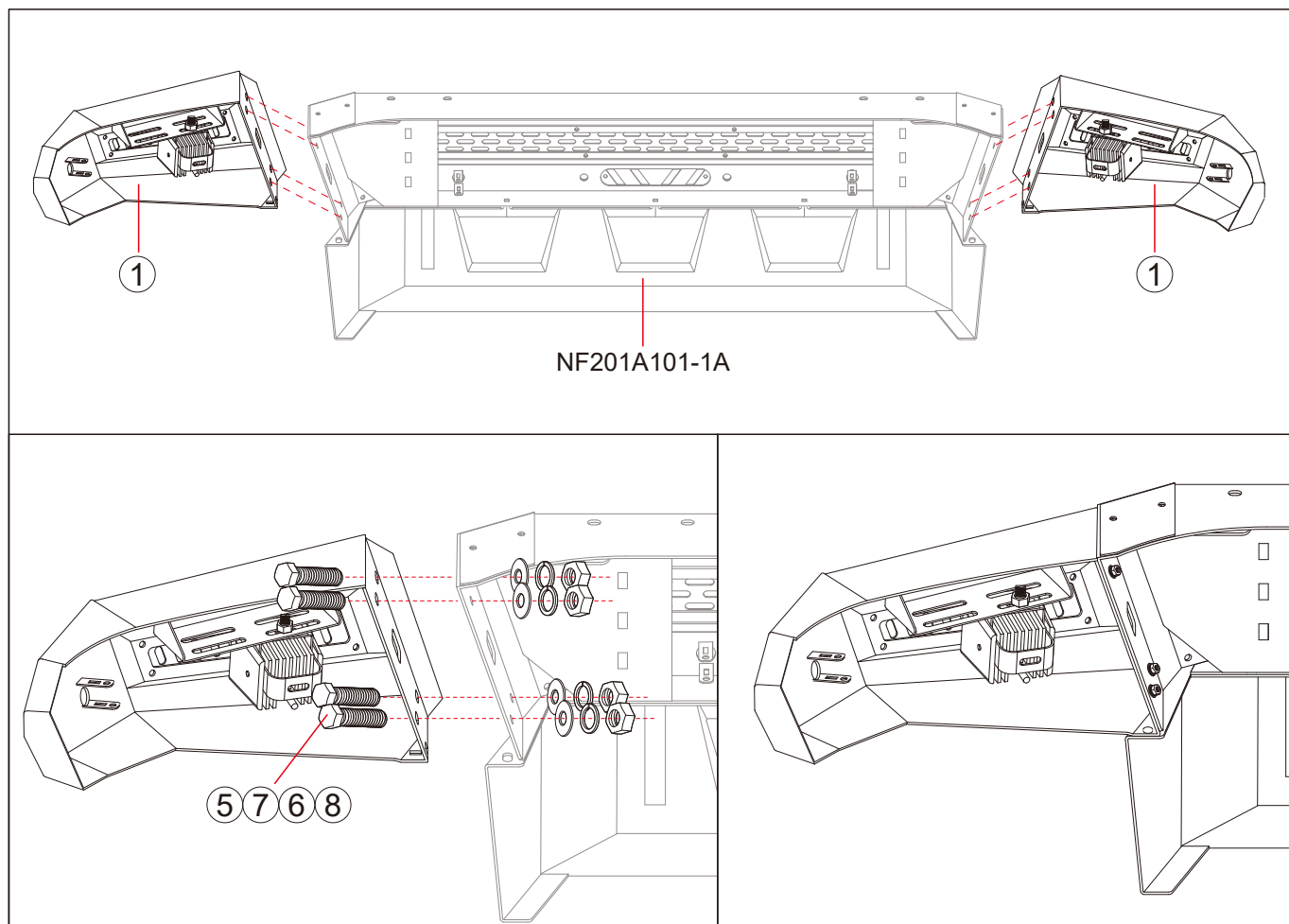


You can connect the 4inch Led light lights wiring harness to the headlight DRLs or fog light wiring. but my suggestion is to connect to the fog lights for on/off control! If your car doesn't have a fog light harness, you can install it using the cable harness we included!

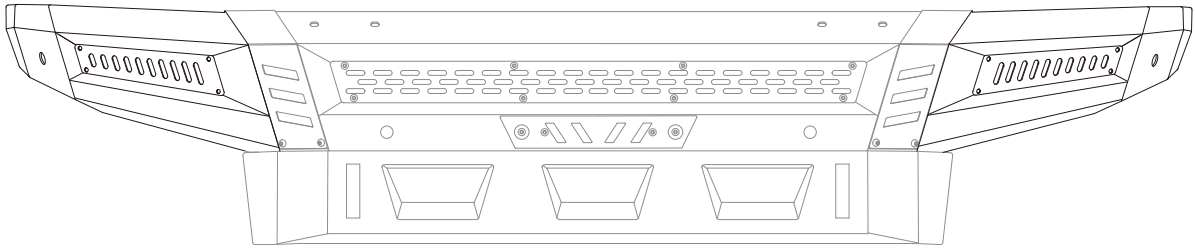


**Step 3:** Install the side wings.

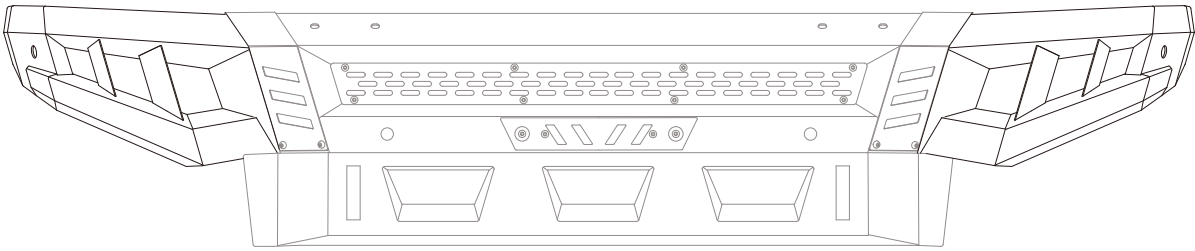
**Note:** This side wings only suitable for our Front Bumper model of NF201A101-1A.



**NF201A101-2A + NF201A101-1A**



**NF201A101-2B + NF201A101-1A**



The Side Wings is installed.

**Step 4:** Install the parking sensors.

**Note:** Skip this step if your car does not have parking sensors.

⑨ B46: M6x40

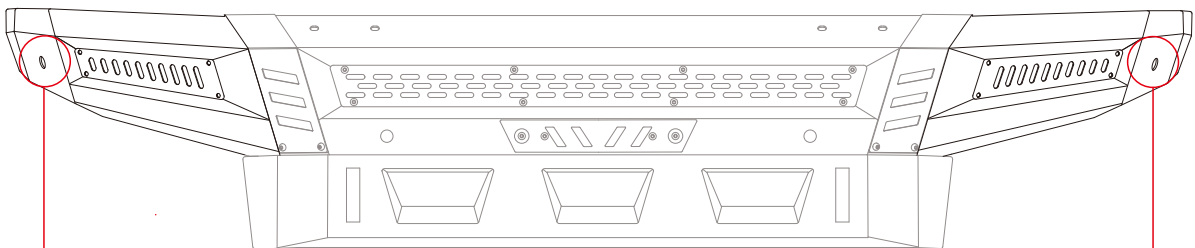


x2

⑩ N11: M6

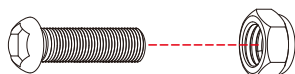


x2

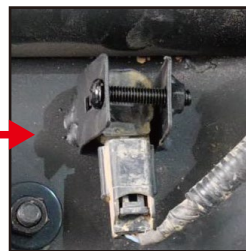


B46:M6x40

N11:M6



x2

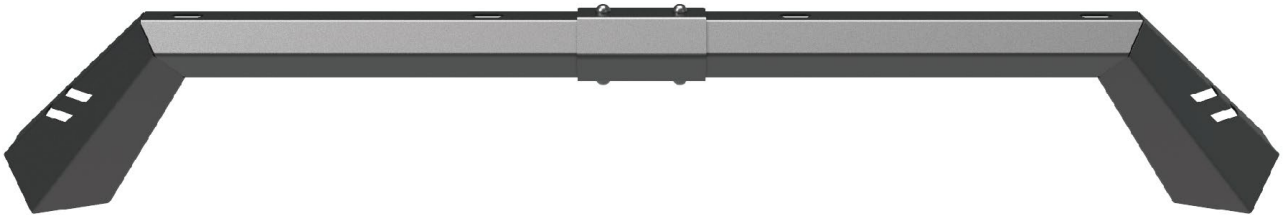


# FRONT BUMPER

## Bull Bar

————— User Manual —————

17-22 Ford F-250



Model:	NF201A101-3A
Material:	Q235A
Product Dimensions:	40.9 x 7.1 x 7.3 inch
Package Dimensions:	28.7 x 11 x 5.5 inch
Product Weight:	8.2 lbs



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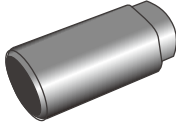
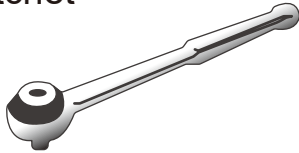
※ Thank you for purchasing the FRONT BUMPER Bull Bar. Please read this manual carefully and keep it properly if you need to refer to it afterward. If you need any support or assistance, please contact us with your product model number and order number, and our support team will help you solve problems.

**⚠ WARNING**

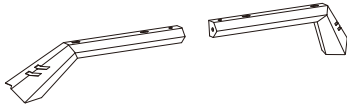

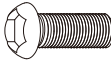

※ This product is designed primarily to enhance the appearance of the vehicle. Do not rely in any way on the components of this product to protect against injury or death in the event of an accident. To reduce the risk of serious injury or property damage, please read all safety messages and understand all instructions and procedure notices before attempting to install or use this product.

**⚠ CAUTION**

※ Properly torque and recheck fasteners and security of step tread after 250 miles and inspect frequently. Do not use if damaged.

<b>REQUIRED TOOLS</b>	Socket	
	Ratchet	

## Parts Information

NO.		Parts Name	Size	Line Graph	Qty	Color
①	/	Left/Right Bull Bar	/		1	Black
②	/	Connection plate	/		1	Black
③	B15	Half Head Allen Bolts	M8x20		10	Dacro Black
④	N14	Hex Flange Nuts	M8		10	Dacro Black

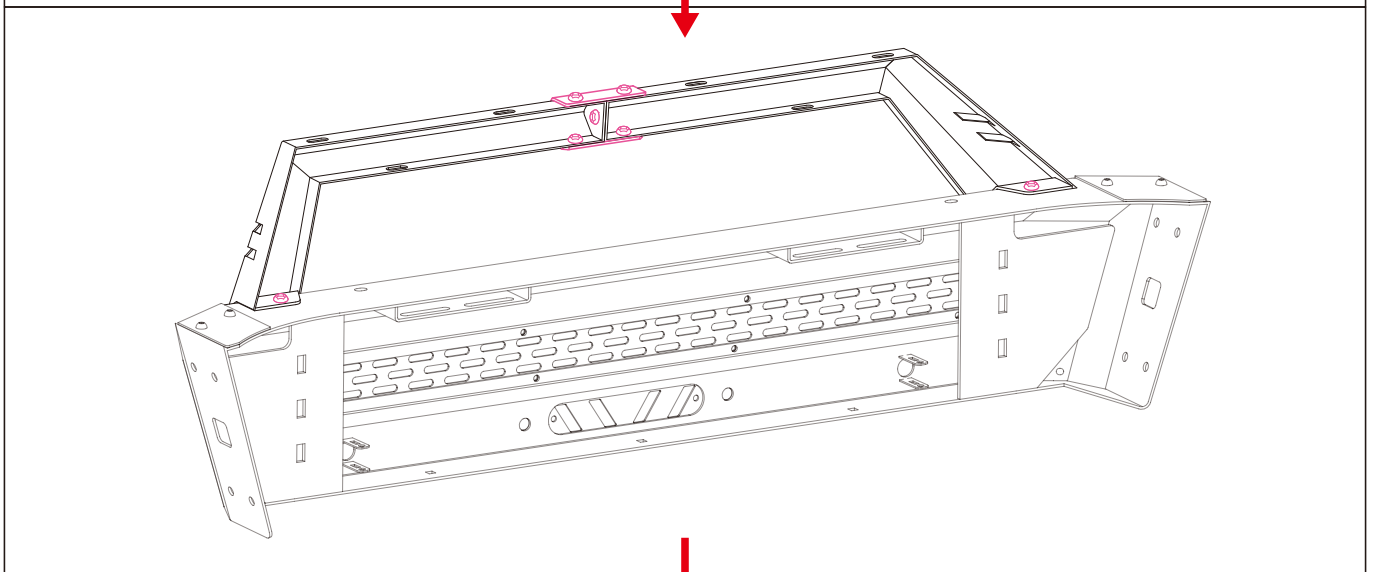
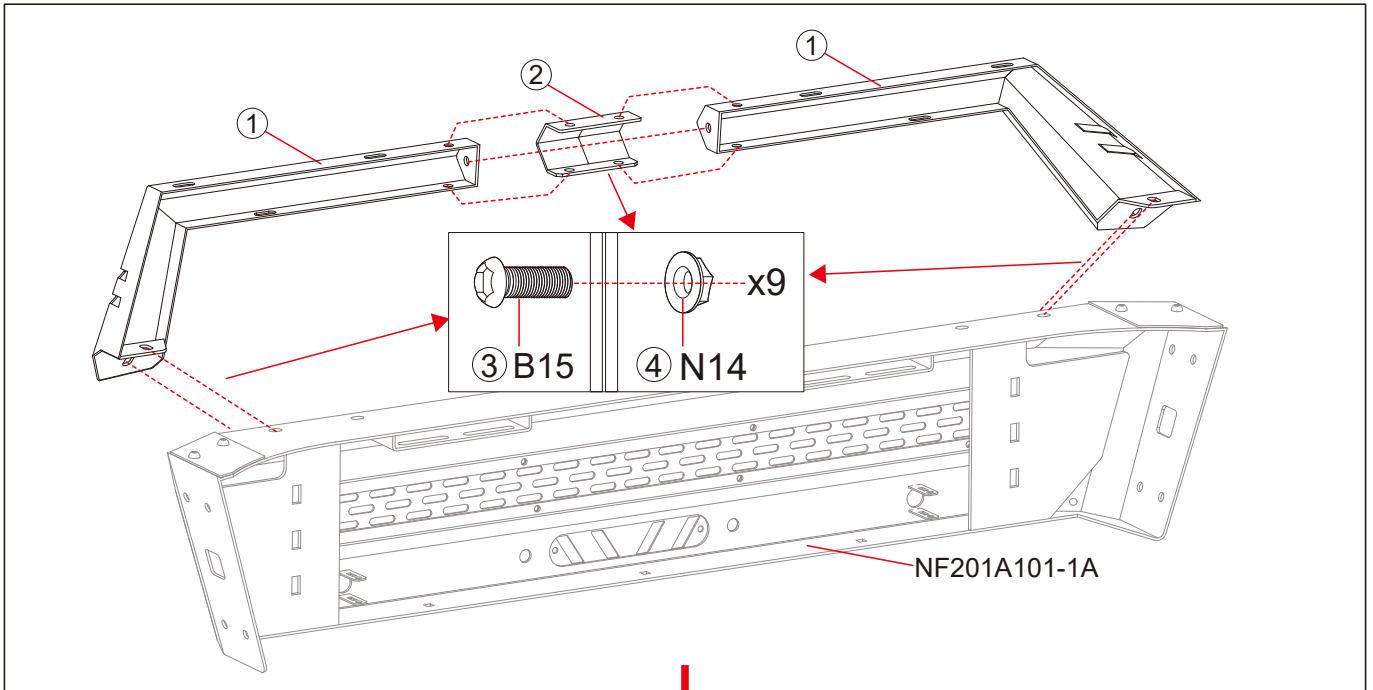
**NOTE:**

spare parts such as B15 and N14 are provided with 1PCS each (included in the number of parts details).

# Installation Instructions

**Step 1:** Open the carton and take out the parts. Check whether the number of components is complete.

**Step 2:** Splicing and install the Bull Bar.



The Bull Bar is assembled

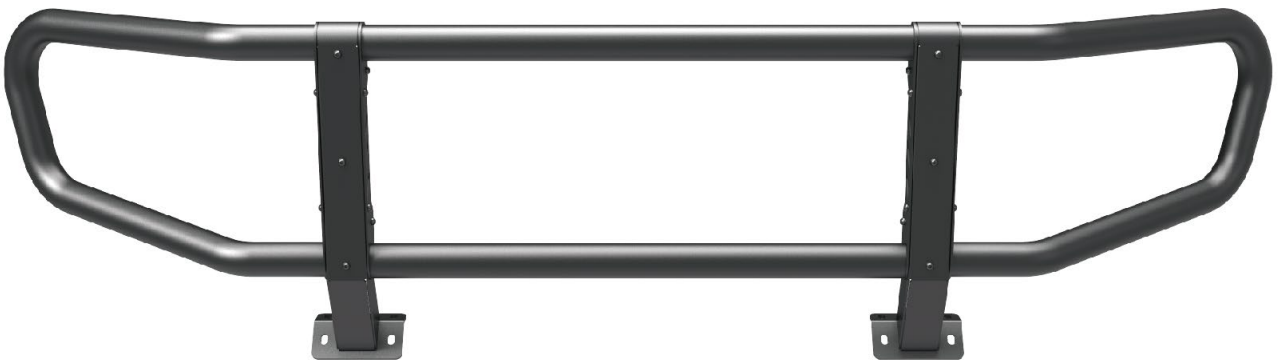


# FRONT BUMPER

## Bull Bar

————— User Manual —————

17-22 Ford F-250



Model:	NF201A101-3B
Material:	Q235A
Product Dimensions:	76.8 x 11.8 x 20 inch
Package Dimensions:	34.3 x 17 x 12.2 inch
Product Weight:	39.2 lbs

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※ Thank you for purchasing the FRONT BUMPER Bull Bar. Please read this manual carefully and keep it properly if you need to refer to it afterward. If you need any support or assistance, please contact us with your product model number and order number, and our support team will help you solve problems.

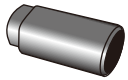

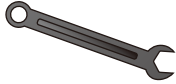


**⚠ WARNING**

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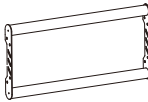
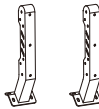
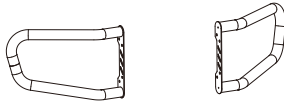
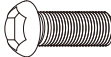


**⚠ CAUTION**

※ Properly torque and recheck fasteners and security of step tread after 250 miles and inspect frequently. Do not use if damaged.

# REQUIRED TOOLS

Socket 	Ratchet 	Wrench 	Allen Wrench 	Safety Glasses 
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## Parts Information

NO.		Parts Name	Size	Line Graph	Qty	Color
①	/	Bull Bar	/		1	Black
②	/	Bull Bar L/R 1	/		1	Black
③	/	Bull Bar L/R 2	/		1	Black
④	B15	Half Head Allen Bolts	M8x20		25	Dacro Black
⑤	W34	Flat Washer	Φ8.4x16x2		9	Dacro Black
⑥	N14	Hex Flange Nuts	M8		25	Dacro Black

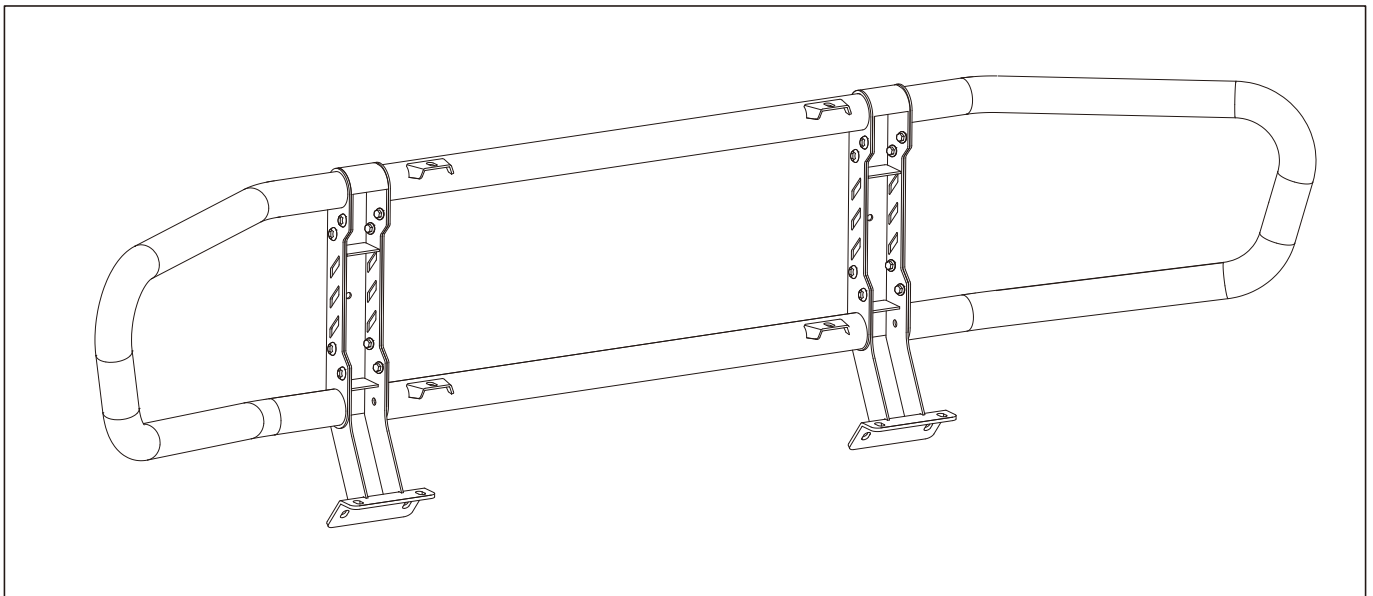
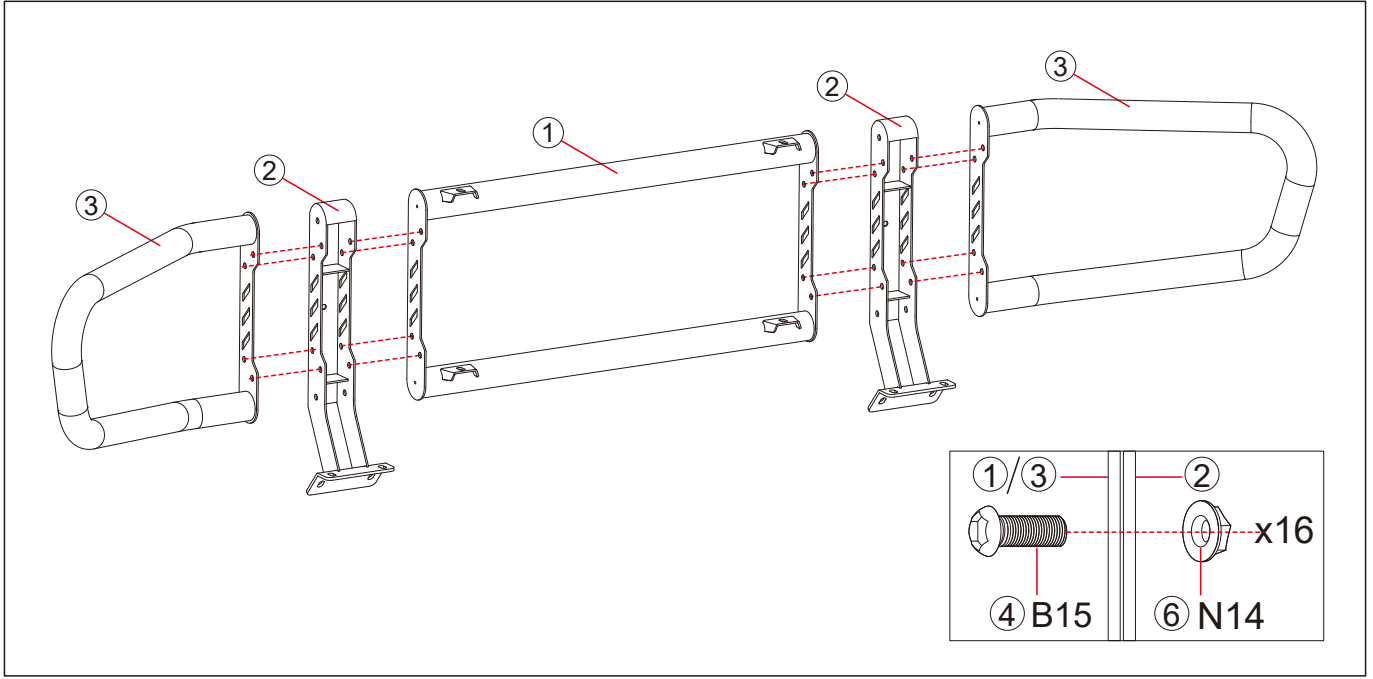
**NOTE:**

spare parts such as B15、 W34 and N14 are provided with 1PCS each (included in the number of parts details).

# Installation Instructions

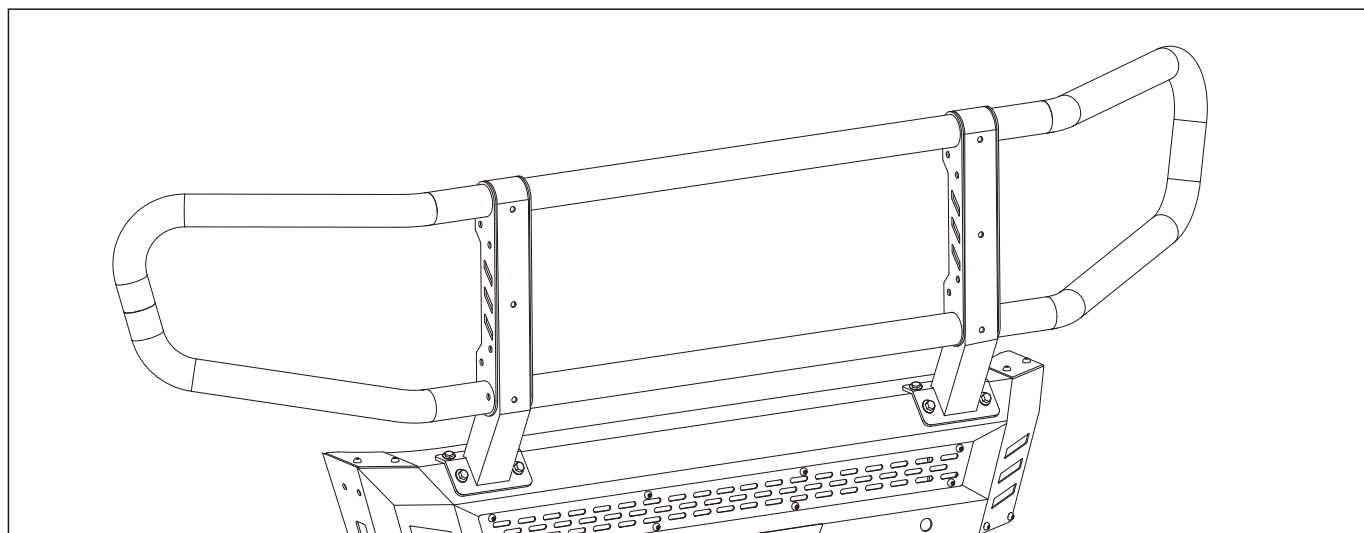
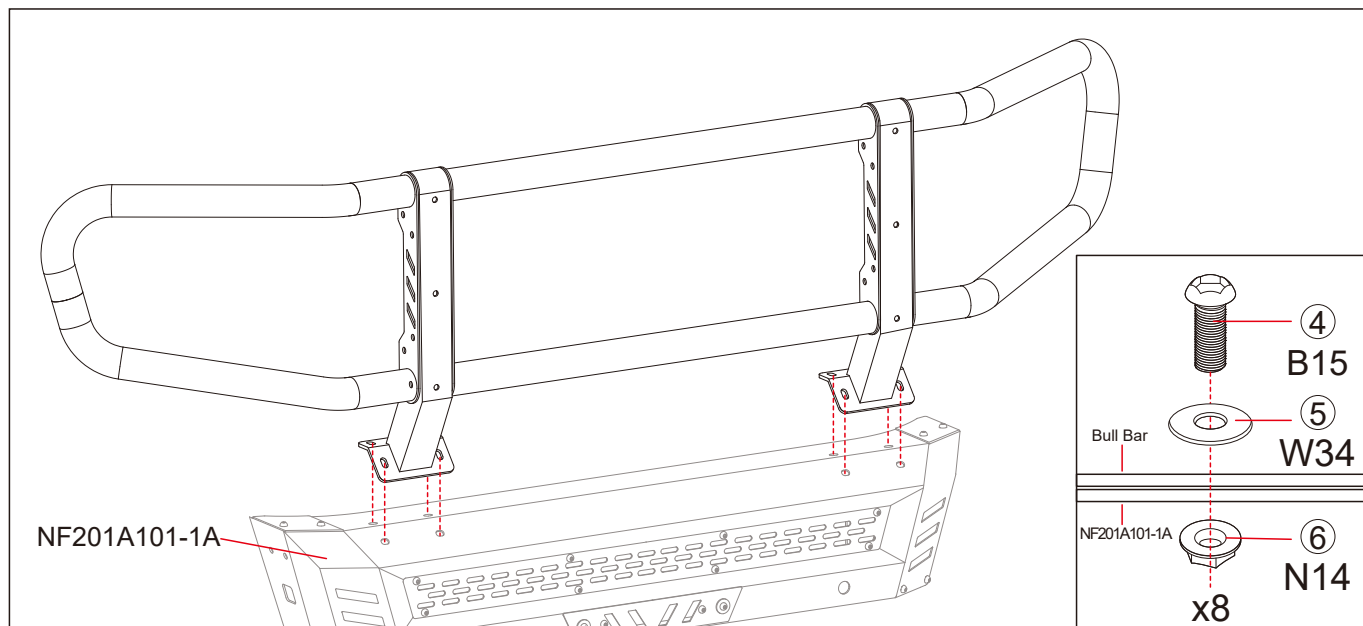
**Step 1:** Open the carton and take out the parts. Check whether the number of components is complete.

**Step 2:** Splicing the Bull Bar.



**Step 3: Install the Bull Bar.**

**Note: This Bull Bar only suitable for our Front Bumper model of NF201A101-1A.**



**Bull Bar + Our Side Wings ( NF201A101-2A ) + Our Mid Bumper ( NF201A101-1A )**



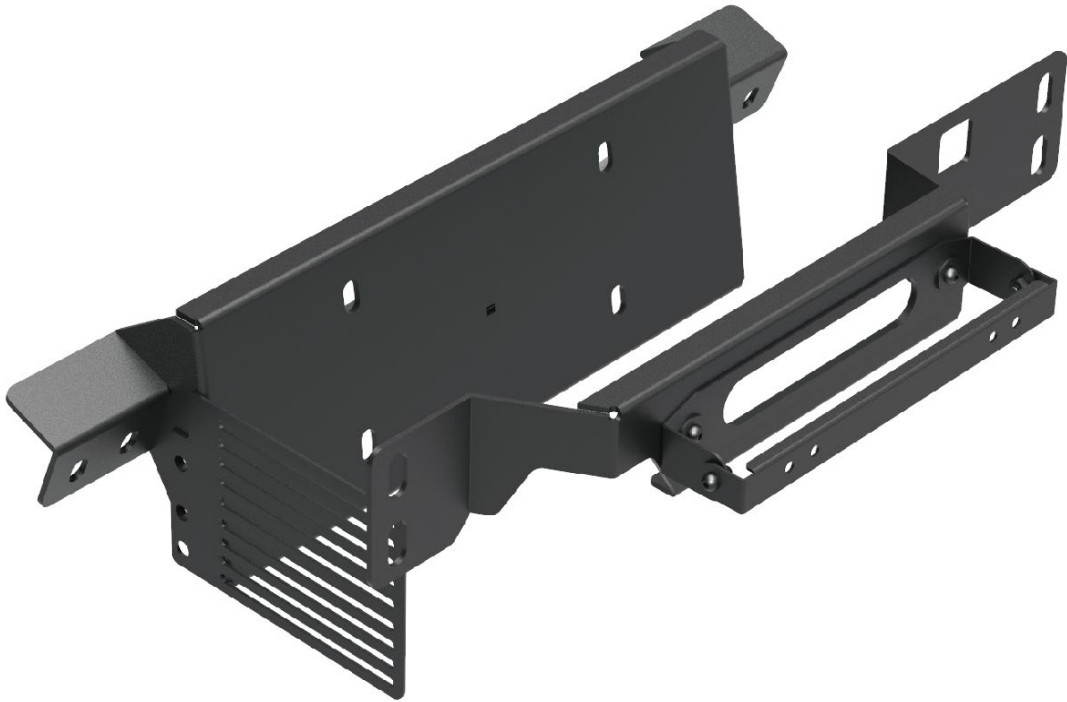
The Bull Bar is assembled



# FRONT BUMPER WINCH PLATE

— User Manual —

17-22 Ford F-250



Model:	NF201A102
Material:	Q235A
Product Dimensions:	28.7 x 18.5 x 10.2 inch
Package Dimensions:	31.9 x 11 x 6.7 inch
Product Weight:	24.5 lbs

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※ Thank you for purchasing the WINCH PLATE. Please read this manual carefully and keep it properly if you need to refer to it afterward. If you need any support or assistance, please contact us with your product model number and order number, and our support team will help you solve problems.

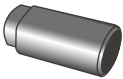

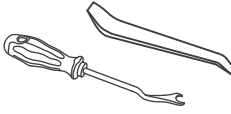
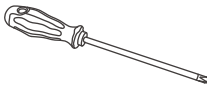

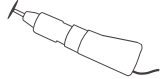
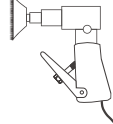

**⚠ WARNING**

※ This product is designed primarily to enhance the appearance of the vehicle. Do not rely in any way on the components of this product to protect against injury or death in the event of an accident. To reduce the risk of serious injury or property damage, please read all safety messages and understand all instructions and procedure notices before attempting to install or use this product.

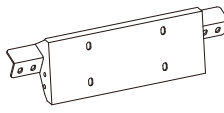
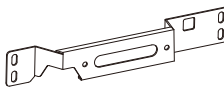
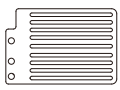
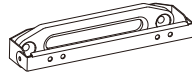

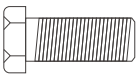
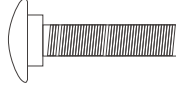
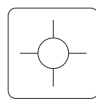
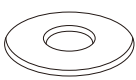
**⚠ CAUTION**


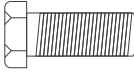

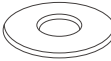
※ Properly torque and recheck fasteners and security of step tread after 250 miles and inspect frequently. Do not use if damaged.

# REQUIRED TOOLS

<b>Socket</b> 	<b>Ratchet</b> 	<b>Panel Remover</b> 	<b>Phillips Screwdriver</b> 	<b>Painter's tape</b> 
<b>Power Cutting Tool</b> 	<b>Angle Grinder</b> 	<b>Safety Glasses</b> 		

# Parts Information

NO.		Parts Name	Size	Line Graph	Qty	Color
①	/	Winch Bracket 1	/		1	Black
②	/	Winch Bracket 2	/		1	Black
③	/	Relocation Bracket	/		1	Black
④	/	License Bracket	/		1	Black
⑤	/	extension power cord	/		3	Blue Green Black
⑥	B35	Hex Bolts	M10x35		3	Dacro Black
⑦	B34	Square Neck Bolt	M10x35		3	Dacro Black
⑧	W21	Plastic Plate	Φ8.5x40x0.8		3	PVC
⑨	W23	Flat Washer	Φ10x25x2		9	Dacro Black

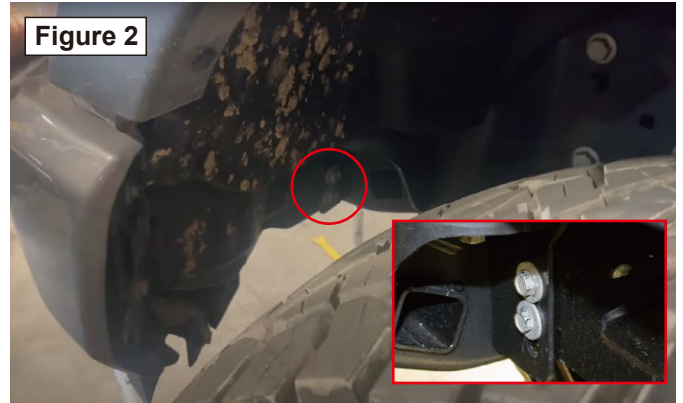
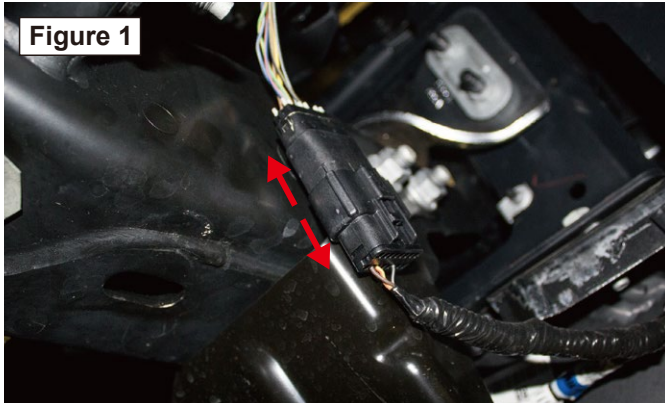
NO.		Parts Name	Size	Line Graph	Qty	Color
⑩	N17	Hex Flange Nuts	M10		5	Dacro Black
⑪	B76	Hex Bolts	M12x50		3	Dacro Black
⑫	N34	Hex Flange Nuts	M12		3	Dacro Black
⑬	W37	Flat Washer	Φ6x24x2		5	Dacro Black

**NOTE:**

Spare parts such as B35、 B34、 W21、 W23、 N17、 B76、 N15、 and W37 are provided with 1PCS each (included in the number of parts details).

# Installation Instructions

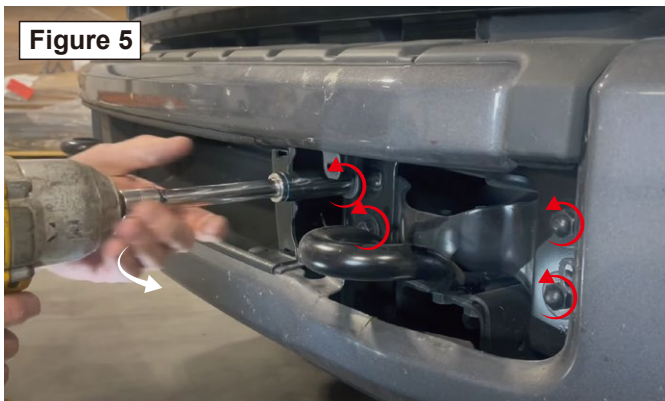
- Step 1:** Open the carton and take out the parts. Check whether the number of components is complete.
- Step 2:** Unplug the main fog light harness connector. This connector is located along the driver side frame rail underneath the truck. **(Figure 1)**
- Step 3:** Use a 15mm Socket to remove the two bolts (per side) that secure the OEM bumper side supports. These bolts can be seen when looking into the wheel well, towards the front of the truck. Save these bolts for reuse. **(Figure 2)**



- Step 4:** Using the panel remove tool, remove the two plastic caps around the tow hook. **(Figure 3~4)**

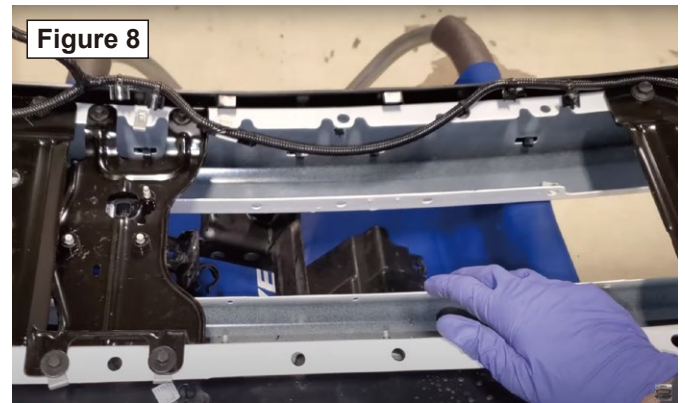
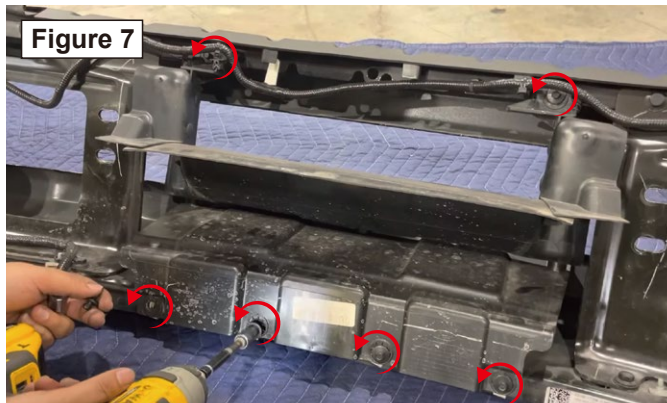


- Step 5:** Use an 18mm Socket to remove the OEM bumper mounting bolts (4 per side) that are visible after removing the two small plastic covers. **(Figure 5)**
- Step 6:** Remove the OEM front bumper. **(Figure 6)**

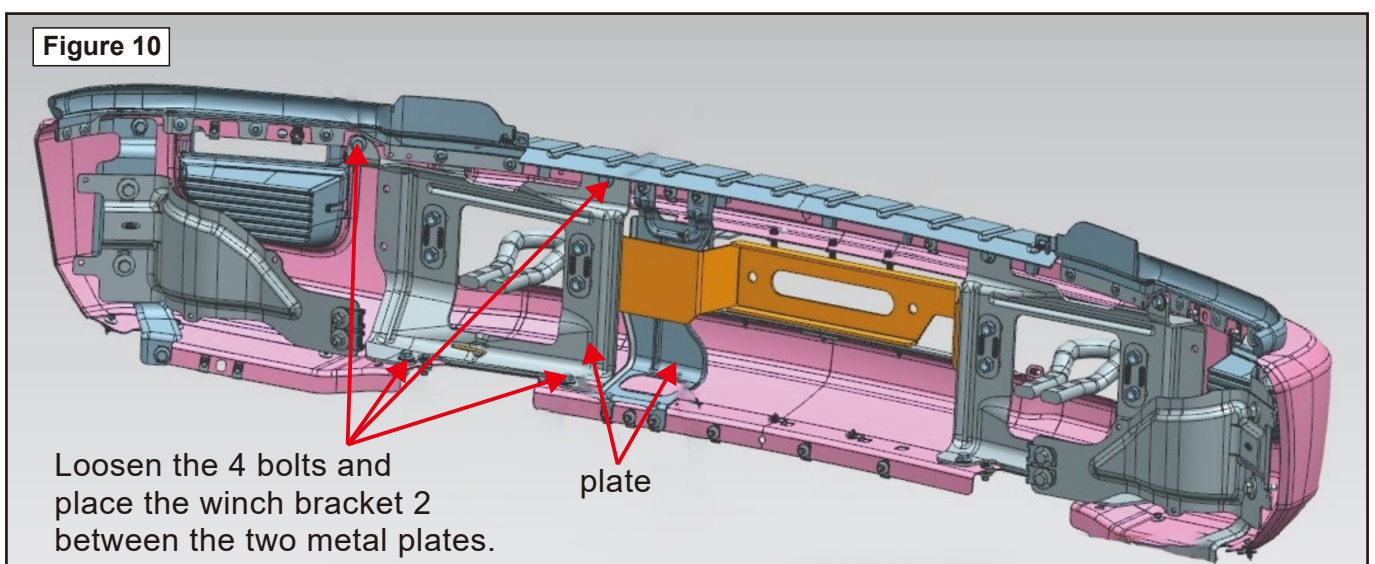
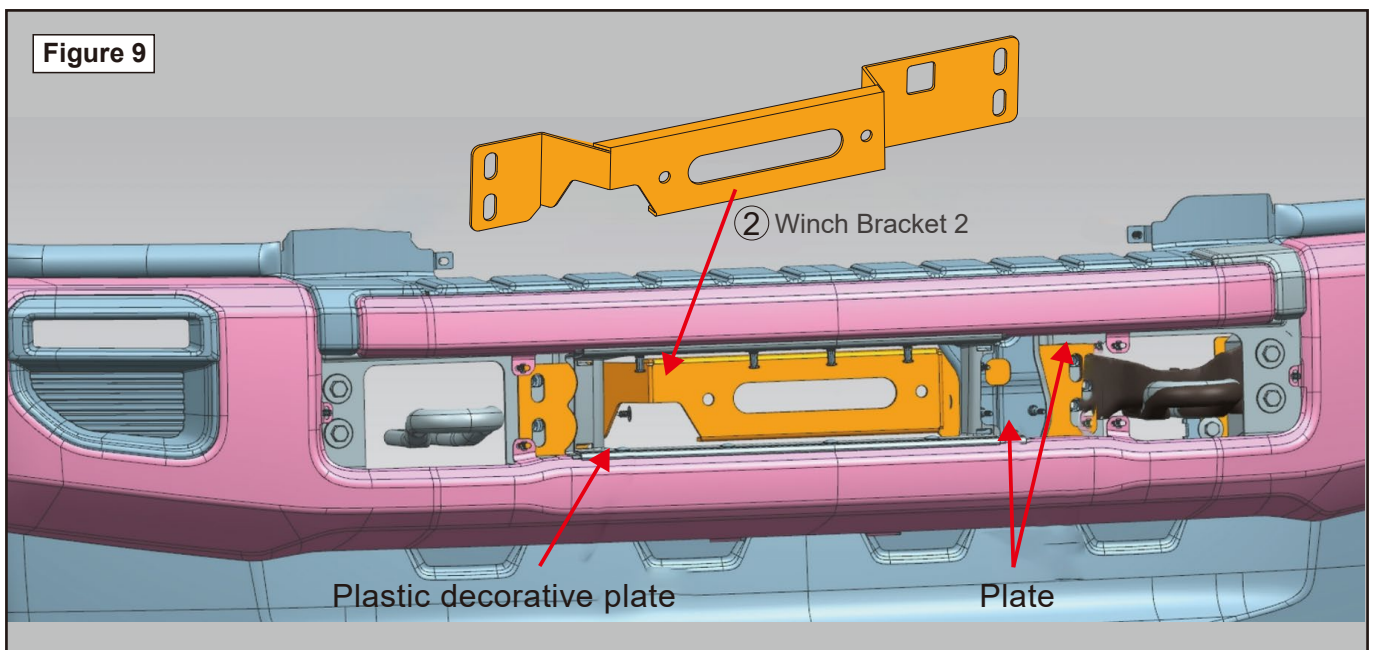


**NOTICE:** If you purchased our front bumper, you can skip **step 7~8.**

**Step 7:** Use an 8mm socket to remove the six mounting bolts behind the stock front bumper and remove this reinforcement piece. **(Figure 7~8)**



**Step 8:** Remove the decorative plastic plate and place the winch bracket 2 between the two metal plates. **(Figure 9)**  
If this method does not work, remove the rear metal plate. After placing it inside, restore the metal plate again. **(Figure 10)**



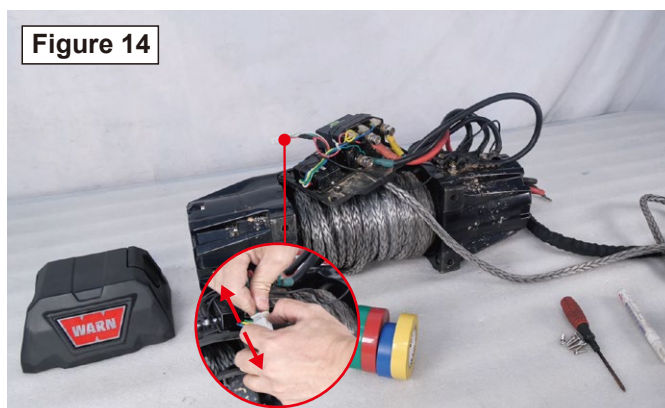
**NOTICE:**

The following operations are based on the WARN VR EVO winch as an example, please operate according to the winch you have.

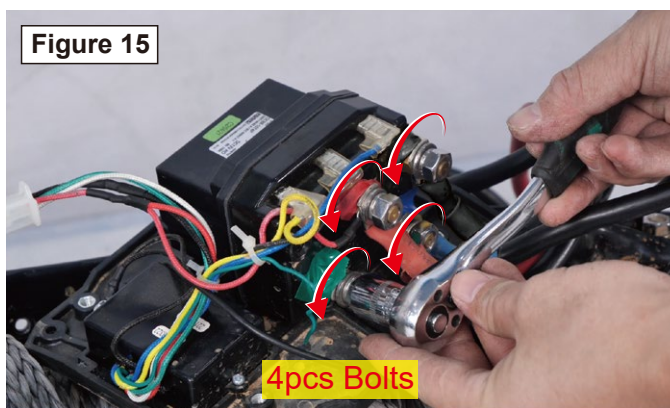
**Step 9: Remove the winch control box. (Figure 11~12)**

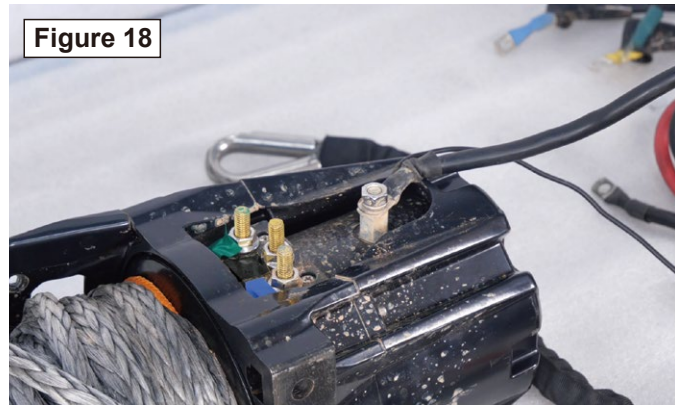
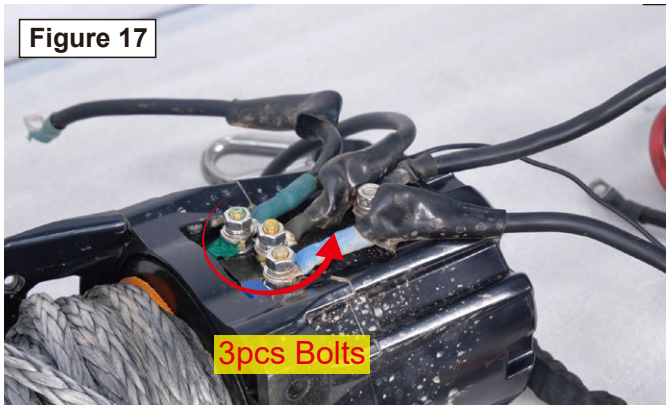


**Step 10: Remove this top cover there are four Phillips head screws that come out and disconnect the plug. (Figure 13~14)**

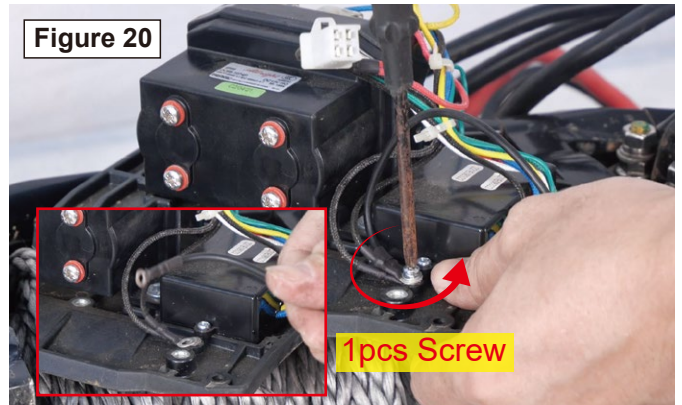


**Step 11: Mark the screw posts with a paint pen or tape of the corresponding harness colour, then take off all nuts. (Figure 15~18)**

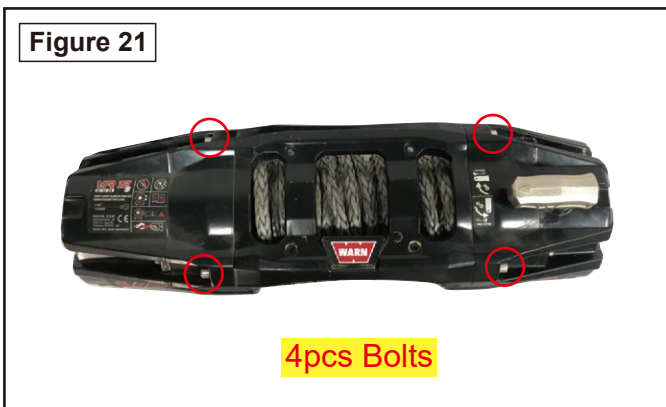




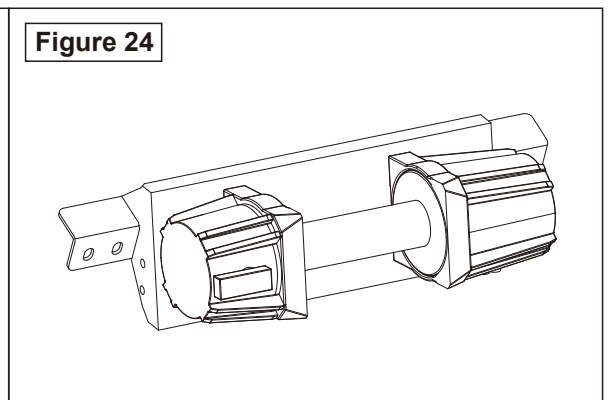
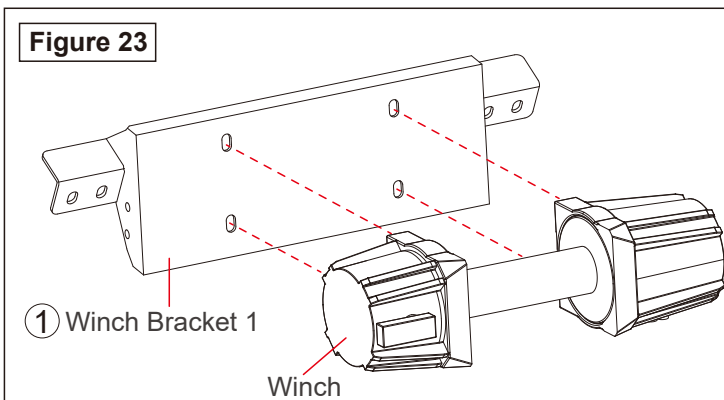
**Step 12:** Use the Phillips screwdriver Remove the screw that hold the ground wire. (Figure 19~20)



**Step 13:** Remove the 4 bolts securing the winch top baffle with a socket tool and remove the baffle. (Figure 21~22)

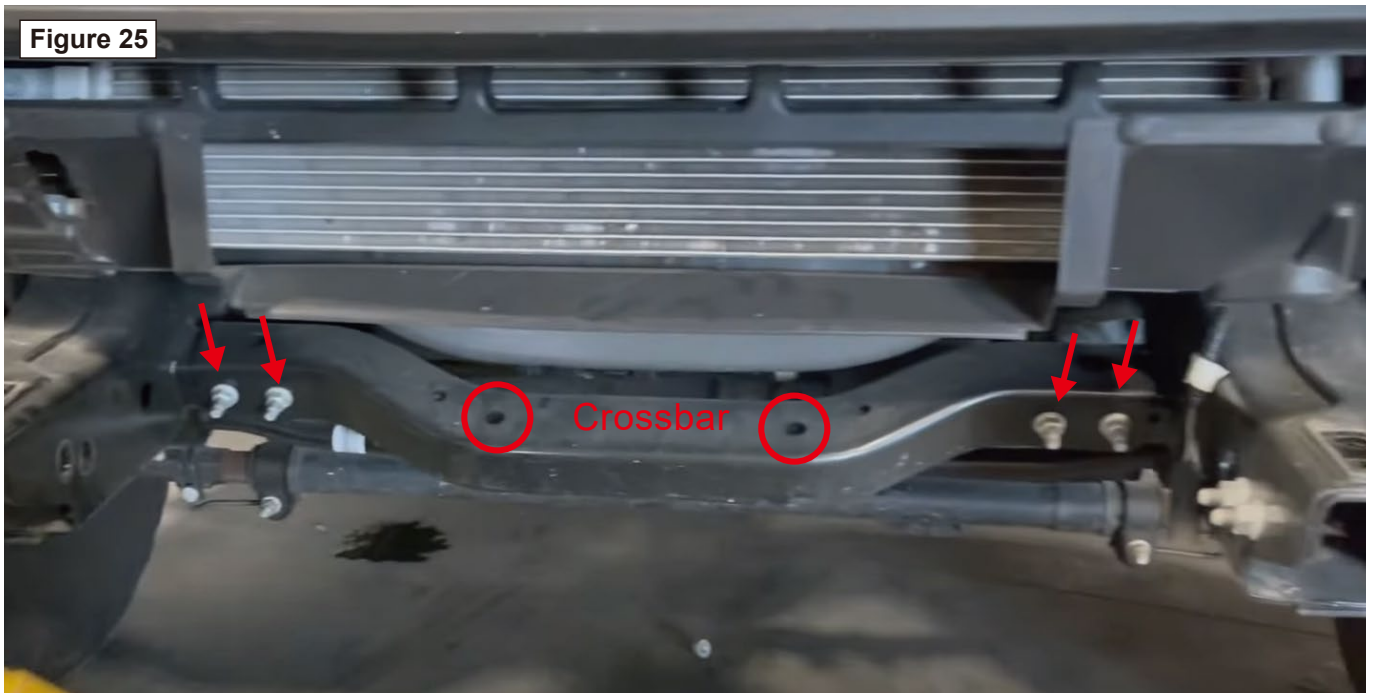


**Step 14:** Secure the winch to our winch bracket 1 using the 4 OEM bolts. (Figure 23~24)





**Step 15:** Remove the 4 OEM bolts from the body crossmember for later use. **(Figure 25)**



**Step 16:** Secure the square neck bolts to the center two mounting holes of the winch bracket with plastic spacers, then secure to the center two mounting holes of the crossmember with spacers and flange nuts, and finally secure the left and right mounting holes of the winch bracket to the body crossmember with four OEM bolts. **(Figure 26~27)**

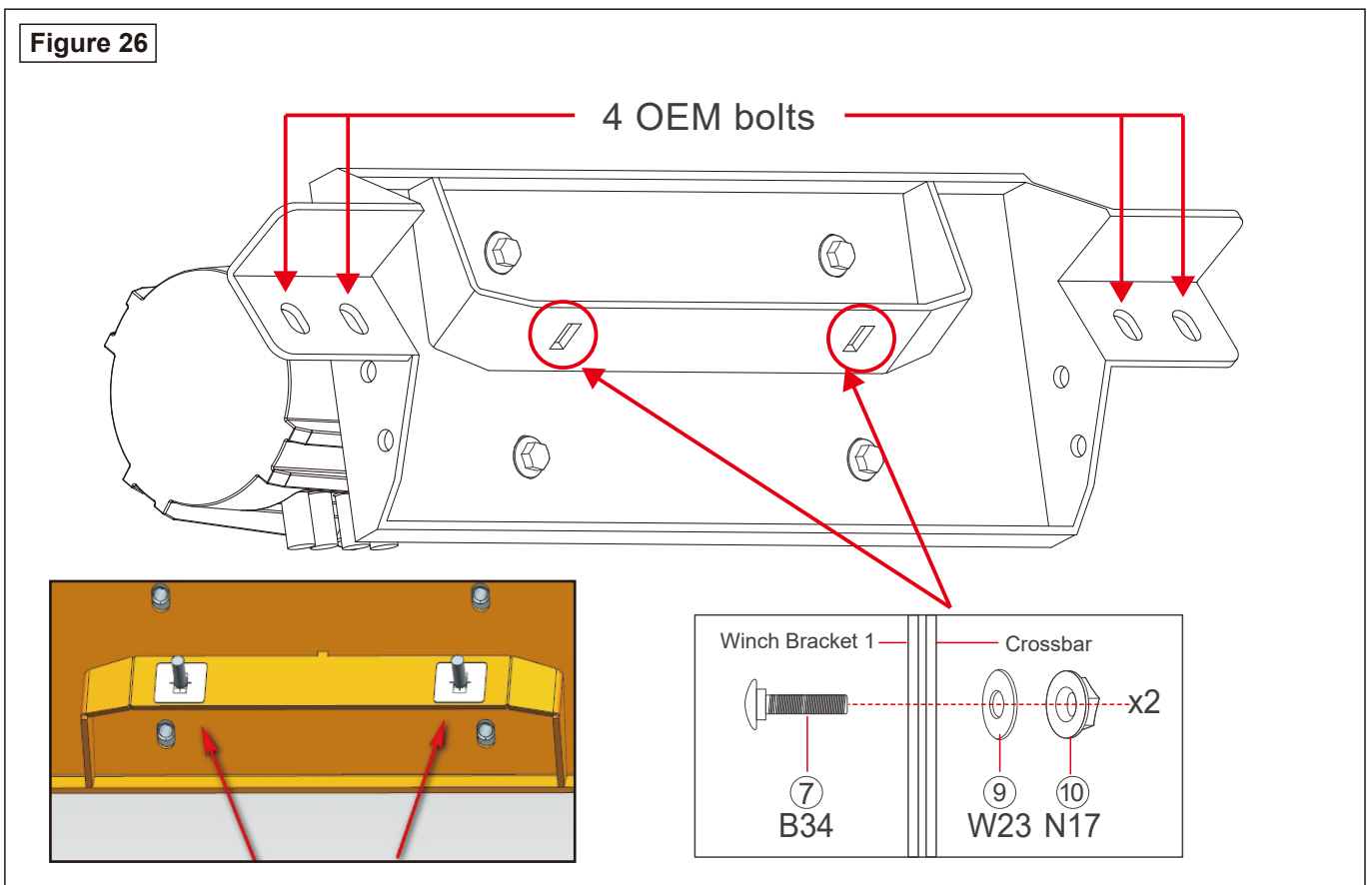


Figure 27



**Step 17:** Install the supplied blue, green, and black extension power cords on the corresponding color stickers on the winch control box, and one of the original red positive power cords as well, then retighten the bolts. **(Figure 28~29)**

Figure 28

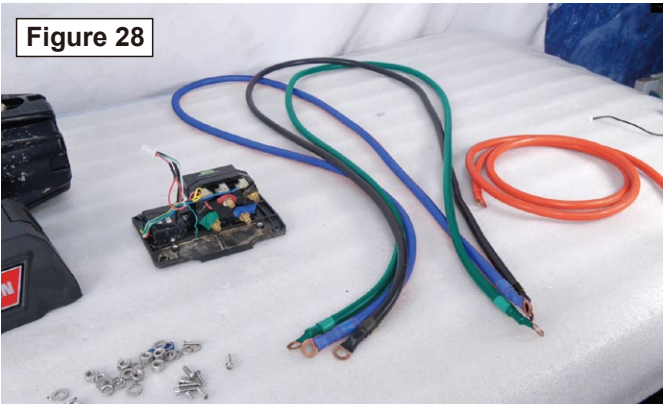
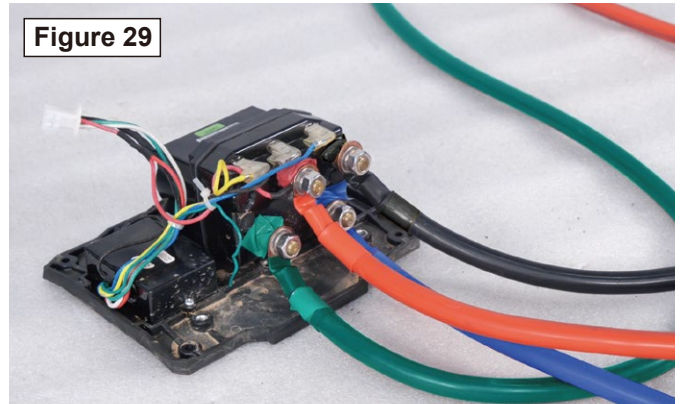


Figure 29



**Step 18:** Refasten the ground wire to the winch control box, tighten the screw and plug in the connector. **(Figure 30~31)**

Figure 30

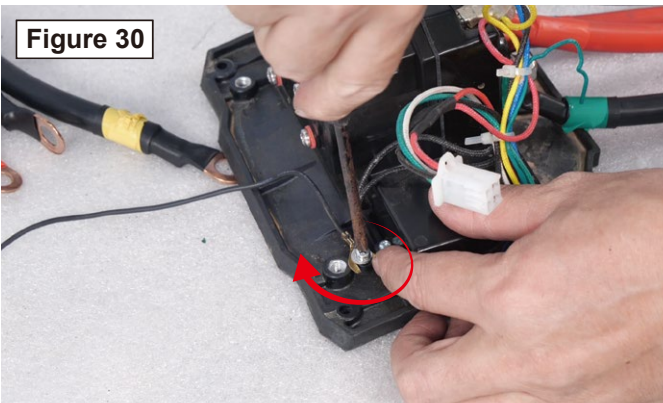
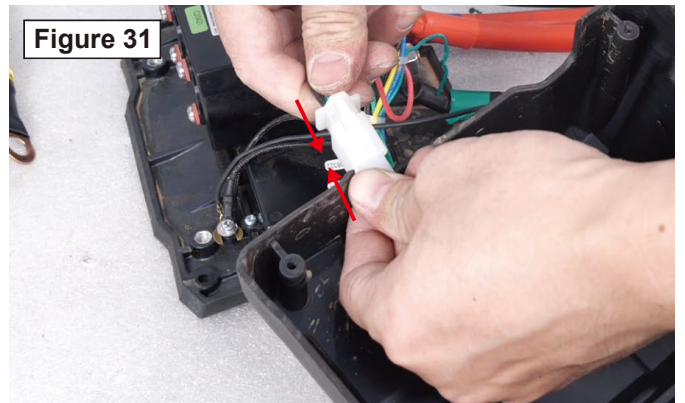
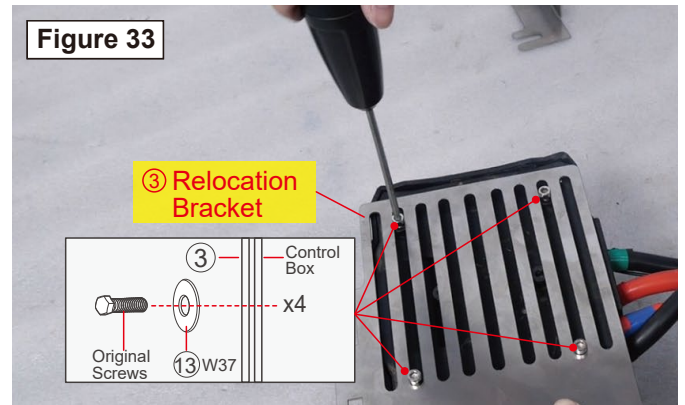


Figure 31



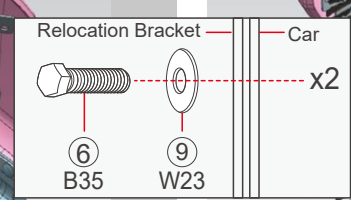
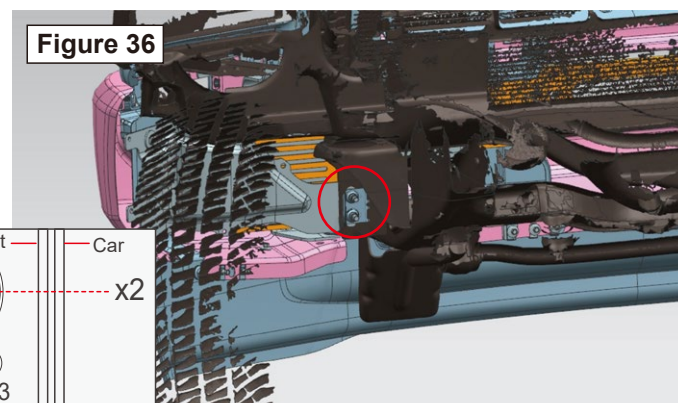
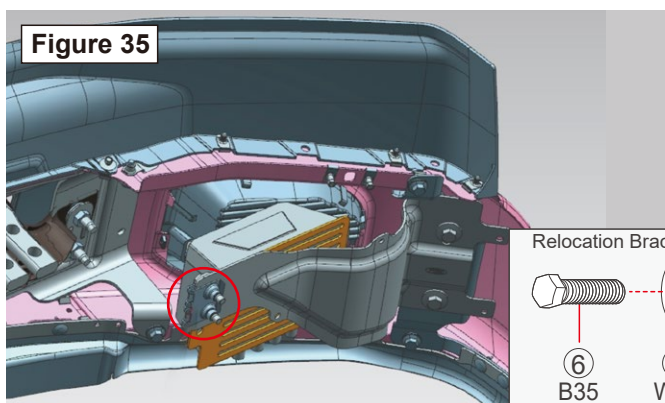
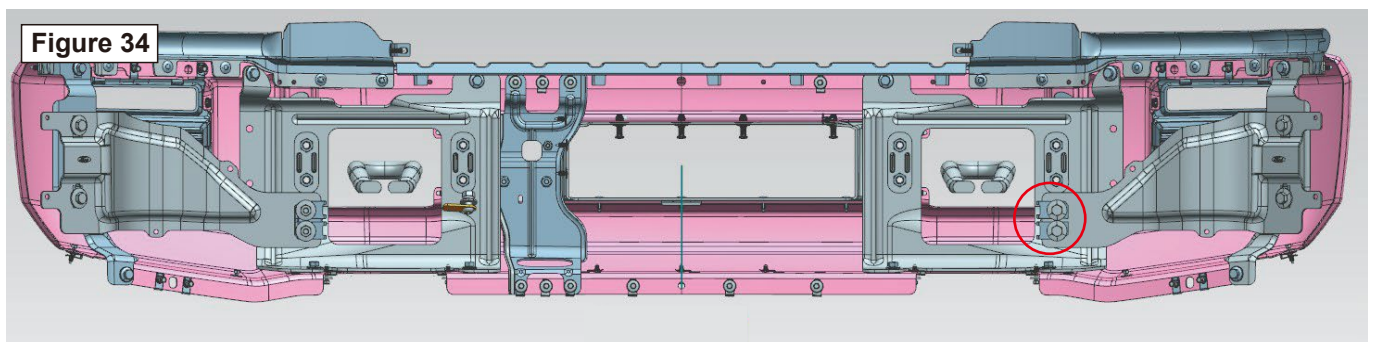
**Step 19:** Secure the relocation bracket to the winch control box using the 4 OEM bolts and our included spacer. **(Figure 32~33)**



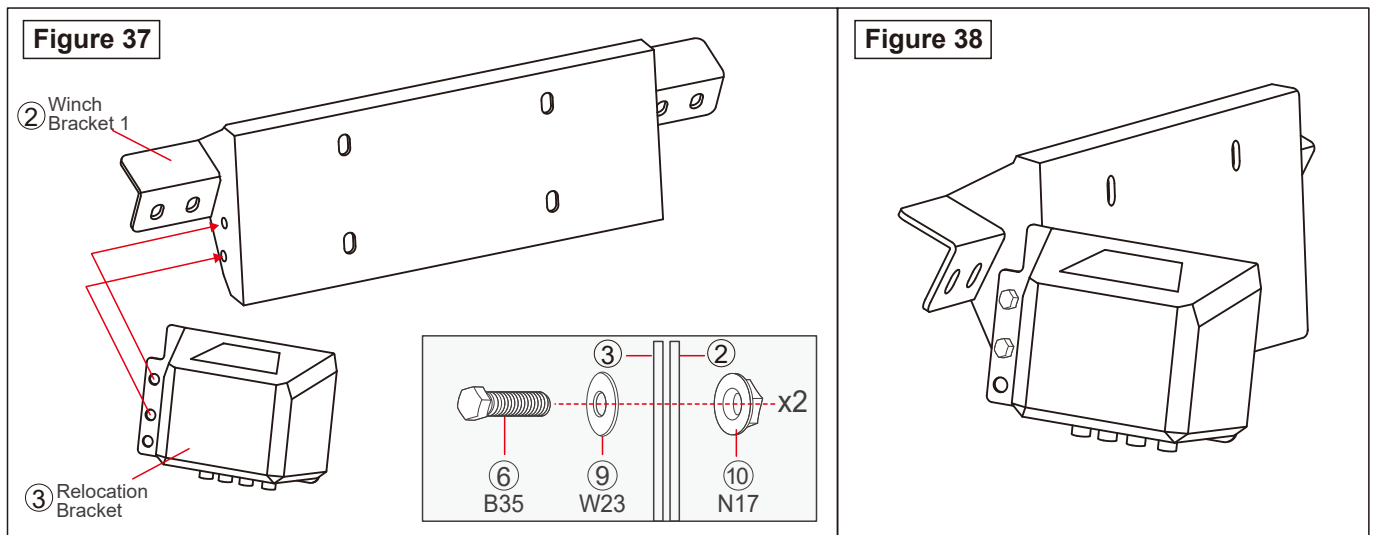
**NOTE:**

- ※ If you did not purchase our front bumper, follow **Steps 20**.
- ※ If you purchased our front bumper, follow **Steps 21** for installation.

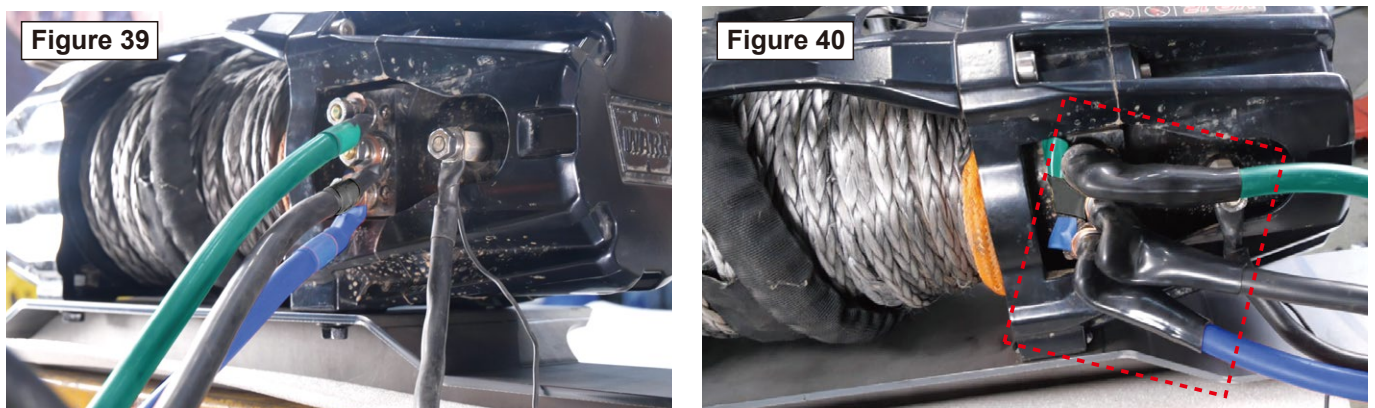
**Step 20:** Install the OEM cleat in reverse and lock the relocation bracket to the cleat. If the OEM bolts are not long enough, you can use our included M10X35 hex bolts (B35) **(Figure 34~36)**



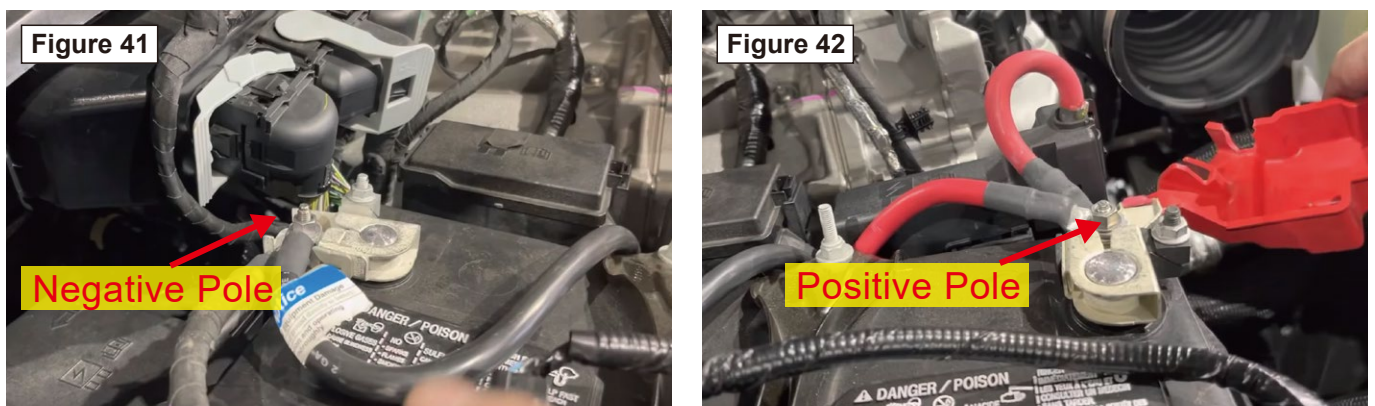
**Step 21: Install relocation bracket to winch bracket 1. (Figure 37~38)**



**Step 22: Connect the colour-coded power extension cable to the winch screw post and cover with a waterproof rubber cap. (Figure 39~40)**



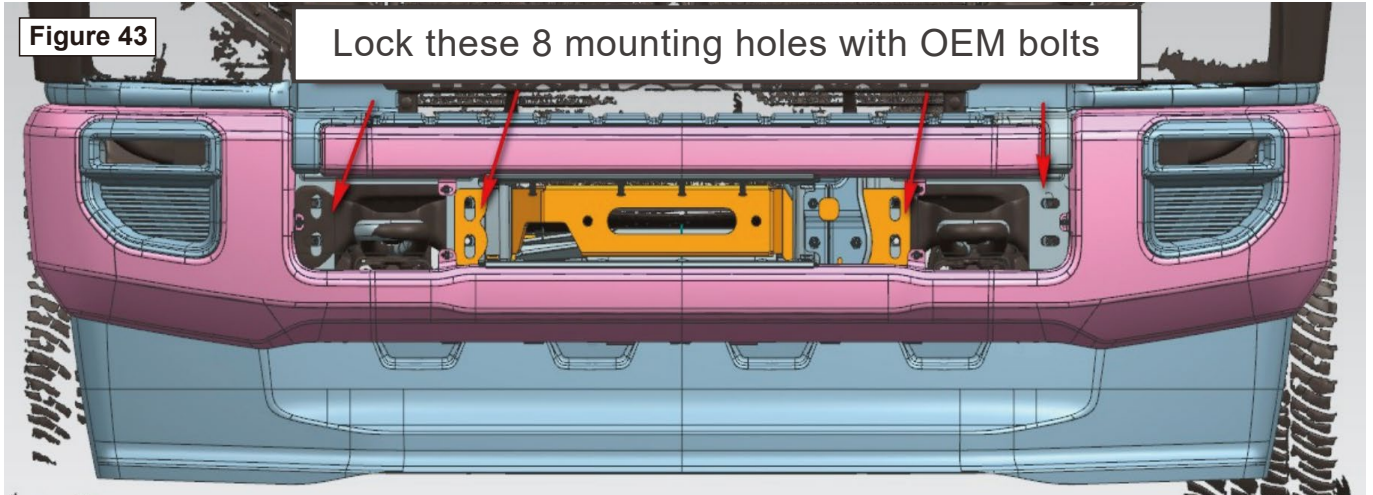
**Step 23: Connect the red positive power wire from the winch control box to the positive vehicle power source. (Figure 41)**  
Connect the black power cord from the winch to the vehicle's negative power source. (Figure 42)



**NOTICE:**

- ✘ If you have not purchased one of our bumpers, please follow the steps below to install the OEM front bumper.
- ✘ If you purchased our front bumper, skip the following steps and follow the instructions that came with the front bumper

**Step 14: Installation of stock front bumper. (Figure 43~44)**



**Step 26: Install the License Bracket.**

