



INSTALLATION INSTRUCTIONS

MAX WINCH TRAY/HDX GRILLE GUARD WINCH MOUNT

APPLICATION:

2010-2018 Dodge Ram 2500/3500

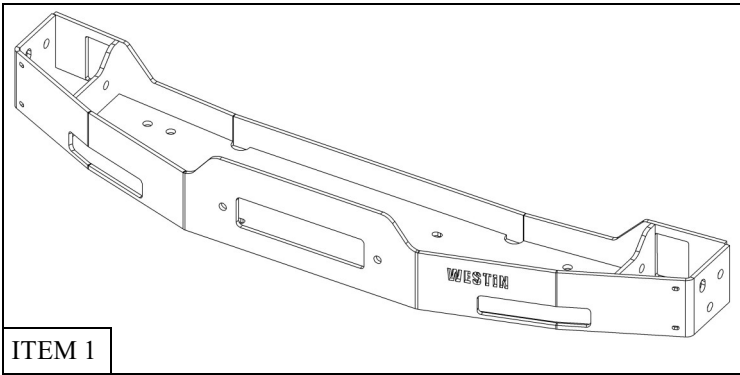
PART NUMBER:

Winch Tray Kit: 46-23555

Grille Guard Kit: 57-93555A

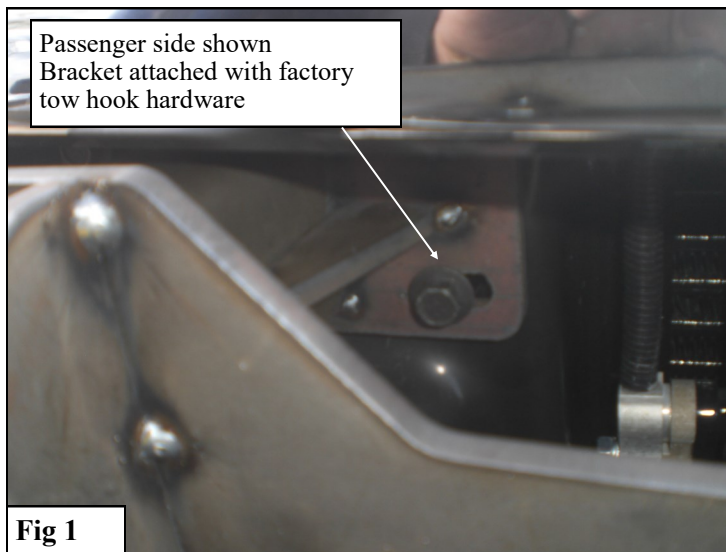
Kit Number: 57-93555

CONTENT			
ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	WINCH TRAY	14MM SOCKET
2	2	WINCH TRAY MOUNTING BRACKET DRIVERS SIDE	15MM SOCKET
3	1	WINCH TRAY MOUNTING BRACKET PASSENGER SIDE	SWIVEL SOCKET
4	8	M12 HEX HEAD BOLTS	EXTENSIONS
5	8	M12 LOCK WASHERS	16MM SOCKET
6	16	M12 FLAT WASHERS	16MM WRENCH
7	8	M12 HEX NUTS	18MM SOCKET
8	8	M10 HEX HEAD BOLTS	18MM WRENCH
9	8	M10 LOCK WASHERS	RATCHET
10	16	M10 FLAT WASHERS	TORQUE WRENCH
11	8	M10 HEX NUTS	
HARDWARE ITEMS BELOW ARE INCLUDED WITH THE GRILLE GUARD KIT			
12	6	M12 HEX HEAD BOLTS	
13	6	M12 LOCK WASHERS	
14	6	M12 HEX NUTS	
15	12	M12 FLAT WASHERS	
16	4	M12 LONG BUTTON HEAD BOLTS (STAINLESS STEEL)	
17	8	M12 LOCK WASHERS (STAINLESS STEEL)	
18	20	M12 FLAT WASHERS (STAINLESS STEEL)	
19	4	M12 BUTTON HEAD BOLTS (STAINLESS STEEL)	
20	8	M12 HEX NUTS (STAINLESS STEEL)	
21	4	SPACERS	
22	2	SPACER BLOCKOUT PLATES	
23	2	LOWER FRAME MOUNTING BRACKETS	
24	2	LOWER GRILLE GUARD MOUNTING BRACKETS	
ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING			

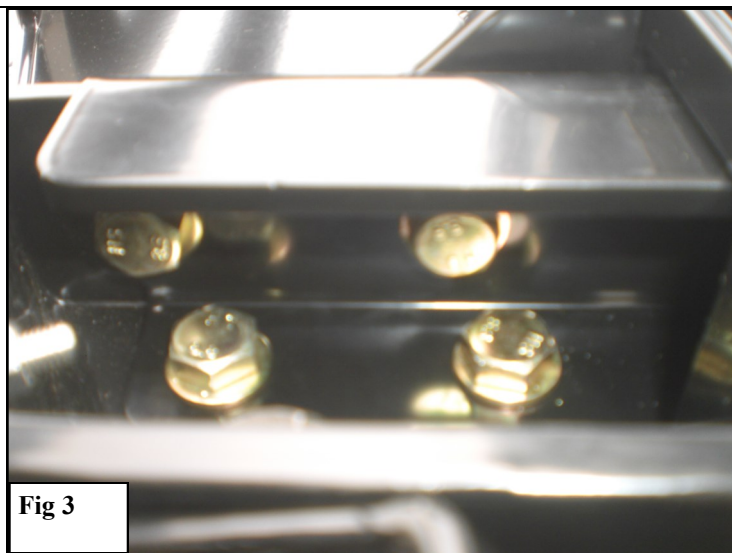
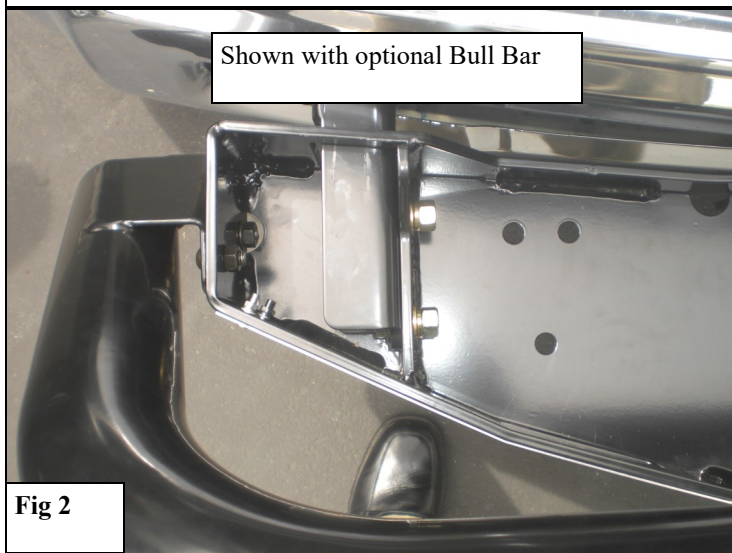


PROCEDURE

1. Remove contents from box, verify if all parts listed are present and free from damage. Carefully read and understand all instructions before attempting installation.
Failure to identify damage before installation could lead to a rejection of any claim.
2. Starting from the front of the vehicle remove the factory tow hooks and hardware, set tow hooks aside Note: the tow hooks *can not be re-installed with this application*. Assistance is recommended for removing the hardware attaching the tow hooks. *For vehicles without tow hooks skip to step 3.*
3. Take the drivers side mounting bracket and attach it to the frame were the tow hook was previously installed. Attach the bracket using (4) M10 hex head bolts, (4) M10 lock washers, (8) M10 flat washers, and (4) M10 hex nuts. The factory hardware may be used if desired. Do not fully tighten at this time. Repeat step 3 for the passenger side. **See Figure 1.**

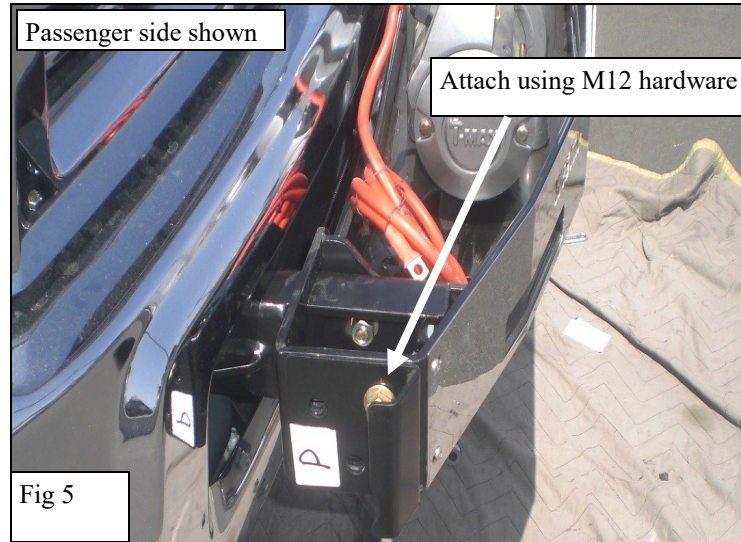


4. Take the winch tray and slide it into position on the previously installed mounting brackets. Attach the winch tray to the mounting brackets using (8) M12 hex head bolts, (8) M12 lock washers, (16) M12 flat washers, and (8) M12 hex nut. Do not fully tighten at this time. See Figures 2-4.

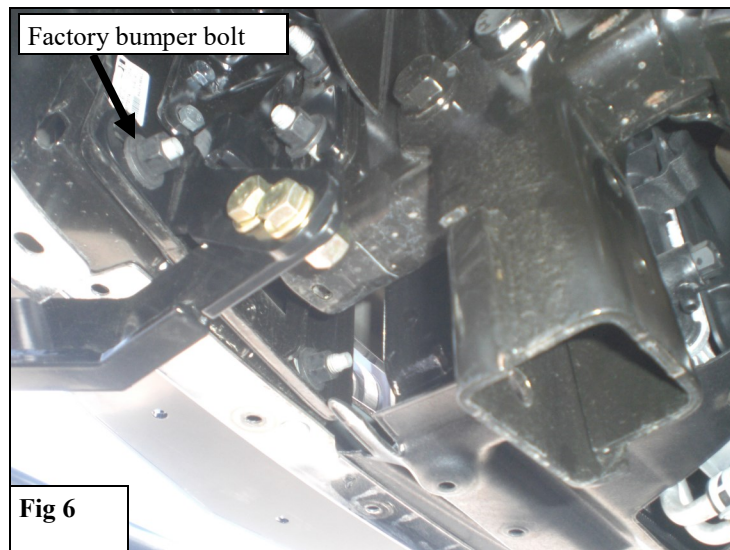


5. Align and adjust the winch tray as needed then fully tighten all hardware at this time. Torque all M12 hardware to 50-55 ft lbs and M10 to 40-45 ft lbs.

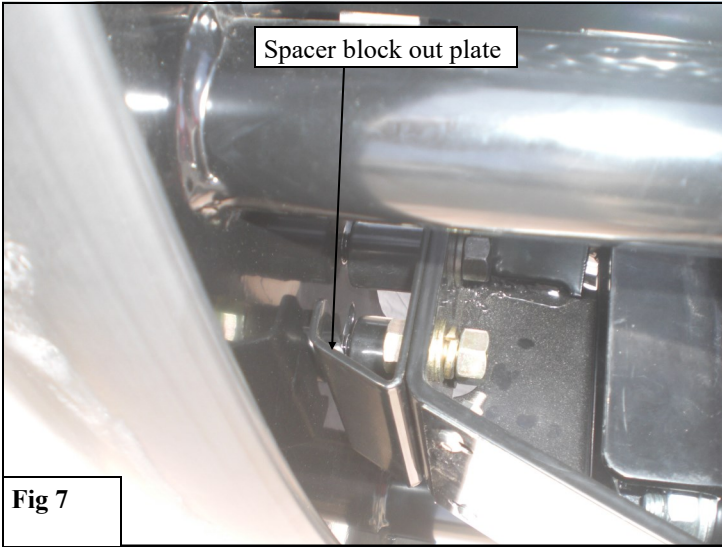
- To install the optional HDX grille guard, take the drivers side spacer block out plate and attach it to the winch tray using (1) M12 hex head bolt, (2) M12 flat washers, (1) M12 lock washer, and (1) M12 hex nut. Repeat this step for the passenger side. Do not fully tighten at this time. **See Figure 5.**



- Move underneath the drivers side of the vehicle and locate the outer bumper mounting bolt, attach the lower frame mounting bracket using the factory hardware. Repeat this step for the passenger side. **See Figure 6**
- Attach the drivers side lower grille guard mounting bracket to the previously installed bracket in step 10, attach using (2) M12 hex head bolts, (4) M12 flat washers, (2) M12 lock washers, and (2) M12 hex nuts. Do not fully tighten at this time. Repeat for passenger side. **See Figure 6**



9. Take the HDX grille guard and lay it face down in front of the vehicle. Attach the grille guard to the lower mounting brackets loosely with (2) M12 button head bolts (stainless steel), (4) M12 flat washers (stainless steel), (2) M12 lock washers (stainless steel), and (2) M12 hex nuts (stainless steel).
10. Swing the grille guard up towards the vehicle and place the (4) spacers in between the winch tray and the grille guard mounting points. Attach using (4) M12 long button head bolts (stainless steel), (8) M12 flat washers (stainless steel), (4) M12 lock washers (stainless steel), and (4) M12 hex nuts (stainless steel). Do not fully tighten at this time. **See Figure 7**
11. Attach the grille guard to the lower mounting brackets using (2) M12 button head bolts (stainless steel), (4) M12 flat washers (stainless steel), (2) M12 lock washers (stainless steel), and (2) M12 hex nuts (stainless steel). Do not fully tighten at this time. **See Figure 8**



12. Align and adjust the grille guard as needed. Fully tighten all hardware at this time. Torque all M12 hardware to 50-55 ft lbs.



CARE INSTRUCTIONS

- REGULAR WAXING IS RECOMMENDED. DO NOT USE ANY TYPE OF POLISH OR WAX THAT MAY CONTAIN ABRASIVES.
- STAINLESS STEEL PRODUCTS CAN BE CLEANED WITH MILD SOAP AND WATER. STAINLESS STEEL POLISH SHOULD BE USED TO POLISH SMALL SCRATCHES.
- GLOSS BLACK FINISHES SHOULD BE CLEANED WITH MILD SOAP AND WATER



WARNING



Failure to follow these instructions could lead to death, personal injury, and / or property damage.

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FASTENERS:

All Westin supplied fasteners must be utilized and installed in accordance with the installation instructions and apply torque to the specifications as defined. **DOUBLE CHECK ALL FASTENERS BEFORE INITIAL USE, AND PERIODICALLY IN THE FUTURE TO ENSURE PROPER FUNCTION AND SAFETY.**

DRILLING:

Most Westin products do not require drilling for installation. If drilling is defined as required, use caution when drilling a vehicle. **FAILURE TO REVIEW AN AREA TO BE DRILLED MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.**

EYE PROTECTION:

ALWAYS WEAR SAFETY GLASSES OR GOGGLES DURING THE INSTALLATION PROCESS TO AVOID PERSONAL INJURY.

MAXIMUM TOWING/CARRYING CAPACITY: (if applicable)

The Westin Receiver Hitches will have a visible tow rating label affixed directly on the product. User should never exceed the vehicle manufacturers maximum tow and weight rating regardless of the capacity of the hitch. **FAILURE TO FOLLOW THESE GUIDELINES WILL VOID THE WESTIN WARRANTY AND MAY RESULT IN PERSONAL INJURY AND/OR INJURY TO OTHERS AS WELL AS VEHICLE DAMAGE.**

FOR CALIFORNIA RESIDENTS ONLY-PROP 65 WARNING:

Some products may contain chemicals such as DEHP, which can cause cancer, birth defects or other reproductive harm. For more info go to www.p65warnings.ca.gov



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