

INSTALLATION INSTRUCTIONS

HDX LED GRILLE



APPLICATION:

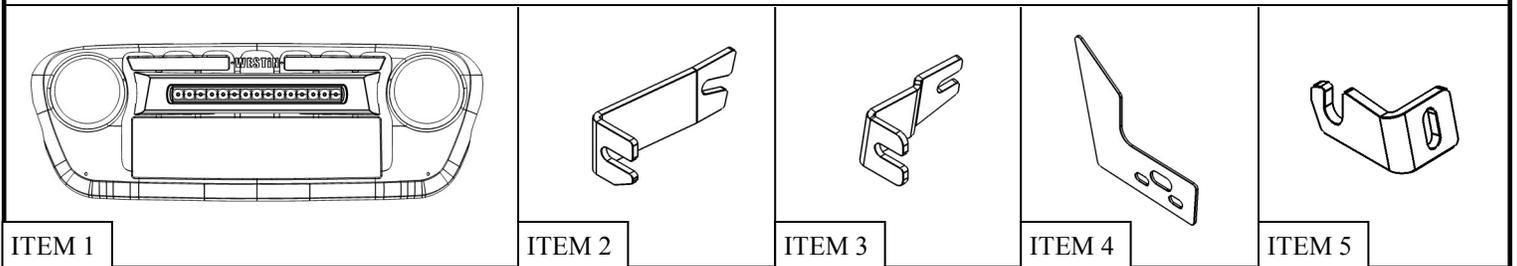
2018-2019 Jeep Wrangler JL 2Dr / Unlimited 4Dr (Excl. 2018 Jeep JK)

PART NUMBER:

34-1115

CONTENT			
ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	1	LED GRILLE ASSEMBLY	10MM WRENCH
2	2	OUTER MOUNTING BRACKET (1 DRIVER, 1 PASSENGER)	RATCHET
3	2	INNER MOUNTING BRACKET (1 DRIVER, 1 PASSENGER)	TORQUE WRENCH
4	2	FILLER BRACKET	SCREWDRIVER
5	2	BOTTOM MOUNTING BRACKET (1 DRIVER, 1 PASSENGER)	ALLEN WRENCH
6	4	M6 SERRATED FLANGE NUT (YELLOW ZINC)	
7	4	M6 SPLIT LOCK WASHER (YELLOW ZINC)	
8	4	M6 FLAT WASHER (YELLOW ZINC)	
9	4	M6 HEX HEAD CAP SCREW (YELLOW ZINC)	
10	2	M6 U-NUT (YELLOW ZINC)	
11	2	M6 BUTTON HEAD BOLT (BLACK ZINC)	

ANTI-SEIZE LUBRICANT MUST BE USED ON ALL STAINLESS STEEL FASTENERS TO PREVENT THREAD DAMAGE AND GALLING



DRIVER SIDE ITEMS SHOWN; PASSENGER ITEMS OPPOSITE WHEN APPLICABLE

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. Open the hood and use a flathead screwdriver or pry tool to remove the 6 clips securing the top of the OEM grille to the vehicle. See **Figure 1**.
3. Gently pull on the bottom of the grille to release the pressure clips and remove the OEM grille.
4. Use the factory M6 Hardware to attach both the Inner and Outer Brackets (2-3) to the vehicle. See **Figure 2**.



Fig 1

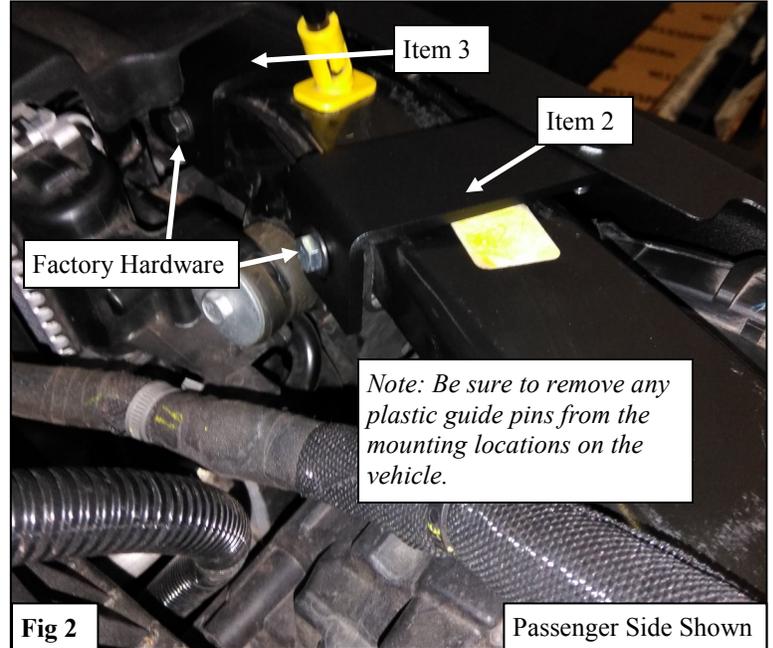


Fig 2

Passenger Side Shown

5. Install the Bottom Mounting Brackets (5) using the factory stud. Install the U-Nuts (10) at this time. See **Figure 3**.
6. The Filler Bracket (4) will attach to the factory hood latch mounting location. See **Figures 4 & 5**.

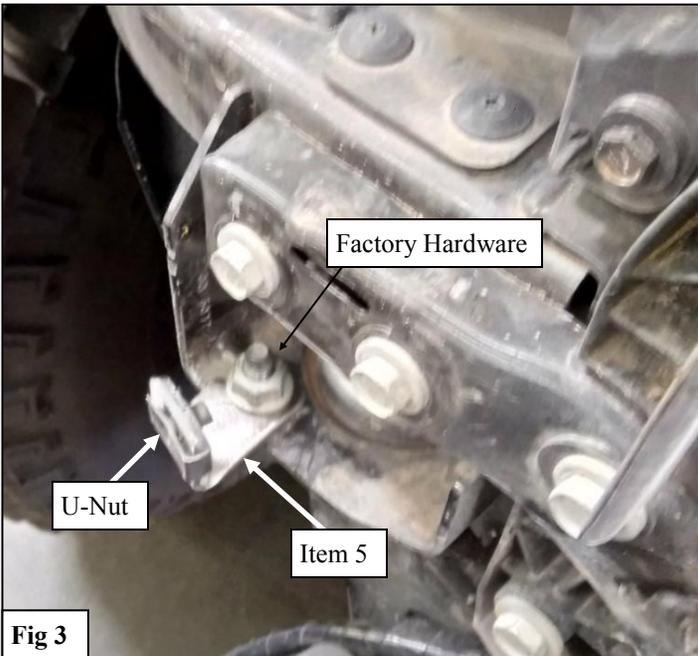


Fig 3

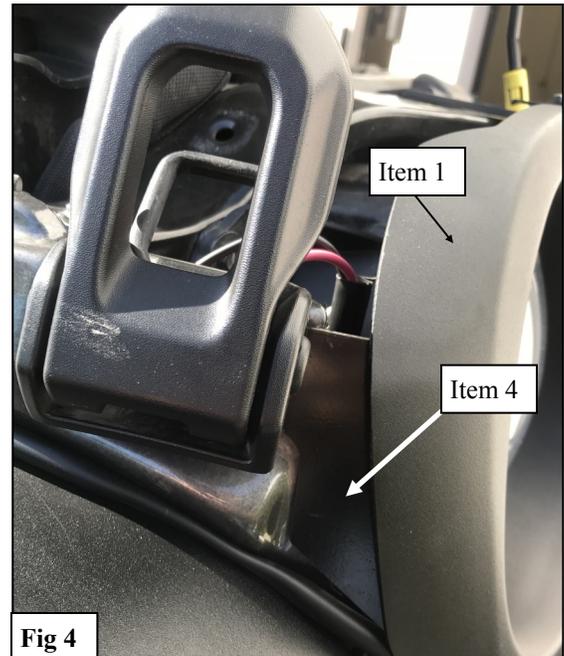
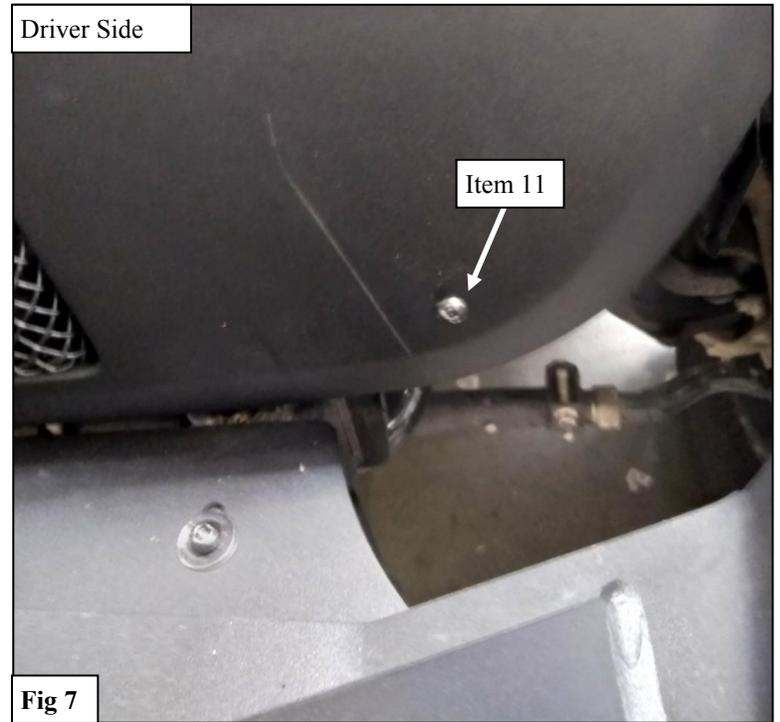
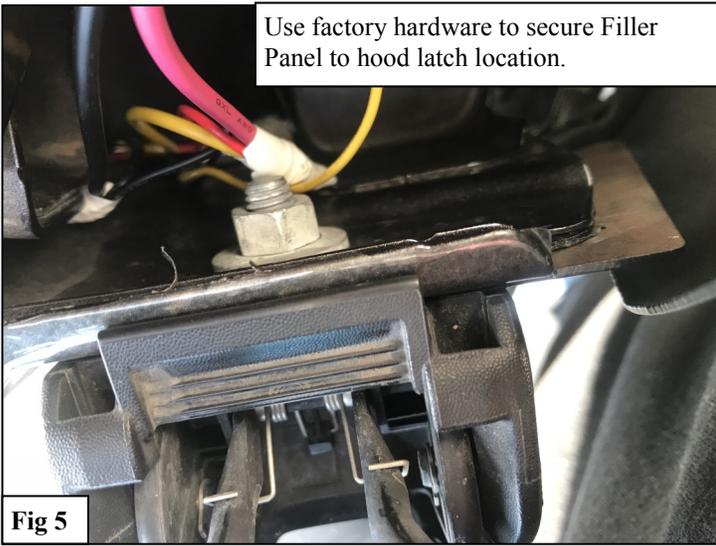
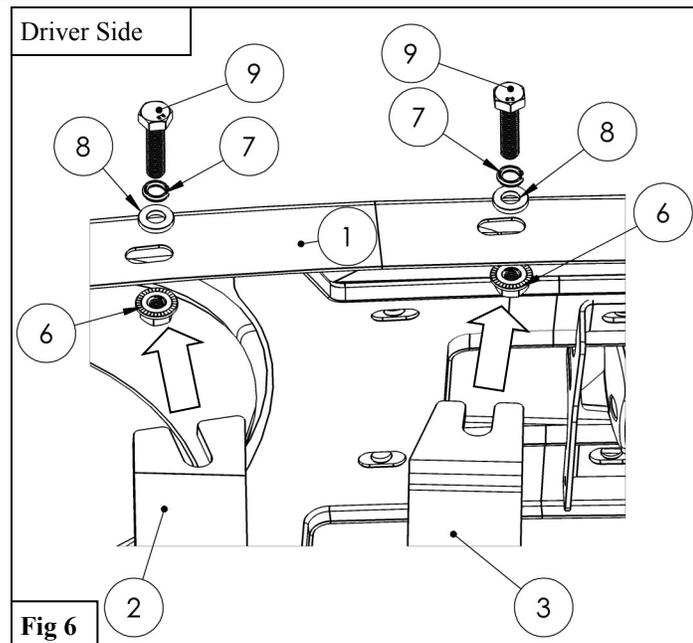


Fig 4

6. Install the supplied M6 Button Head Bolts (11) into both sides of the grille into the U-Nuts on the Bottom Brackets (5). See **Figure 7**.



7. Preinstall the supplied M6 Hex Screw (9), Flat Washer (8), and Serrate Flange Nut (6) to the HDX Grille (1). Slide the grille so that the hardware inserts in the slots on the pre-installed Mounting Brackets (2-3). See **Figure 6**.
8. Torque all M6 Hardware to 8.5 ft-lb.



INSTALLATION COMPLETE



Front bumper, winch, fenders, 50" light bar, and cube lights sold separately.

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.

WESTIN

Westin Automotive Products, Inc.
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San Dimas, Ca. 91773

Thank you for choosing Westin products
for additional installation assistance please call
Customer Service (800) 793-7846
www.westinautomotive.com

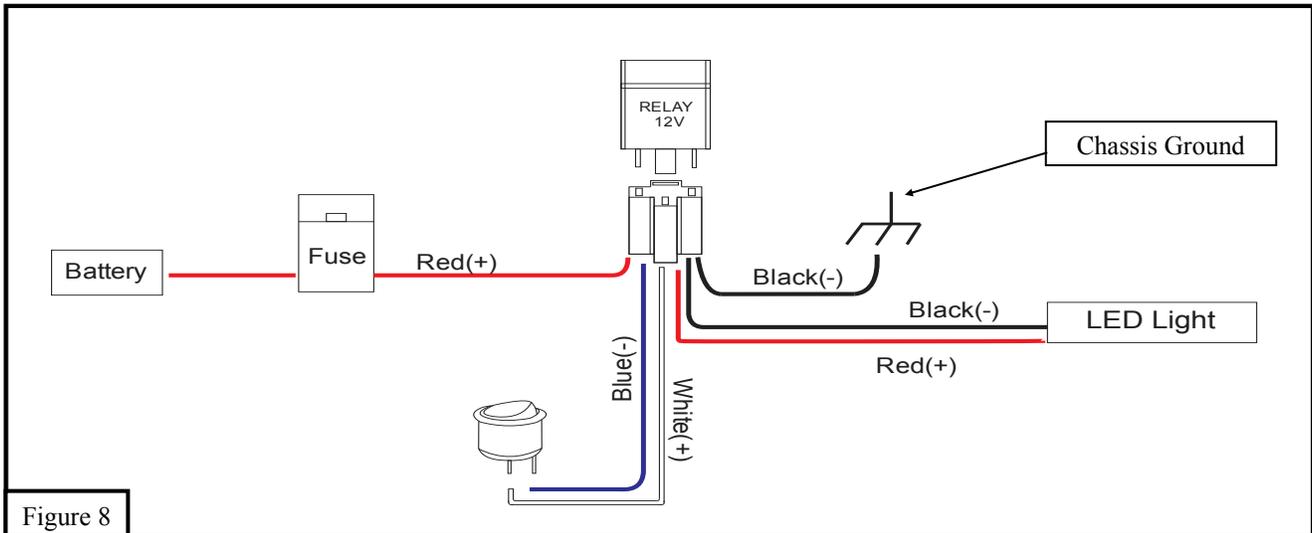
WESTIN recommends using a professional for this installation.

CAUTION:

1. Disconnect ground connection from battery (-) to avoid accidental short circuits before attempting to connect electrical wires.
2. When running wires, avoid areas of excessive heat, vibration, pinch or rotation when securing harness to vehicle.
3. Always use a fused (+) positive supply source.
4. This light becomes hot under continuous use. Do not remove or touch the casting for at least 30 minutes after the lamp has been turned off.

Refer to Figure 8.

1. Locate wiring harness and mount the switch in a convenient location where it is easily accessible from the drivers seat.
Note: *The switch will need to be removed from the wiring harness so that the rest of the harness can be routed from the engine bay to the cabin.*
2. Route the wiring harness wire, specifically the fuse and relay, from the positive battery terminal along the firewalls existing wire routes. **Note:** *Tape as necessary to correct slack.*
3. Secure the relay by either drilling or using a pre-existing bolt along the chassis that is not connected to any other wire.
4. Run the switch harness through the firewall preferably through the pre-existing rubber plug that is used to run the OEM wiring harness from the engine bay to fuse box. **Note:** *Reconnect the switch to the wiring harness.*
5. Place the LED plug wire along the fender chassis where it will not get pinched and away from any moving parts (fan, pulleys etc.).
6. Run the attached wire from the LED Light Bar as previously mentioned away from any moving parts.
7. Connect both ends of wiring connectors from LED light bar and wiring harness.
8. Re-connect battery terminals, attach the Red (+) wire to battery positive, and the black (-) wire to ground. **Note:** *Add dielectric grease (not supplied).*
9. Turn on the switch to make sure if the lamp works. If not, please check carefully if the wiring installation is correct.





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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