



INSTALLATION INSTRUCTIONS

Tube Mounted Sensor Re-locator

APPLICATION :

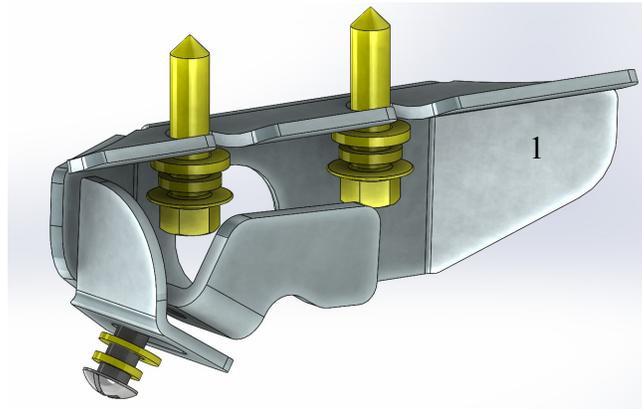
Ram 1500 2019 (Excl. 2019 Ram 1500 Classic)

PART NUMBER:

40-0045S , 45-0040S

ITEM	QUANTITY	DESCRIPTION	TOOLS NEEDED
1	2	Sensor Re-locator Bracket (Left and Right)	8 mm Deep Socket
2	2	Harness Extender	Drill
3	2	Grommet	Ratchet
4	2	Bumper Hole Plug	Phillips Screw Driver
4	4	Self Drilling Screws	1/8 Drill Bit
5	4	M6 Flat Washer	
6	4	M6 Split Lock Washer	
6	2	M5 Phillips Screws	
7	2	M5 Flat Washers	
8	2	M5 Split Lock Washer	
9	10	Zip Ties	
10	10	Zip Tie Adhesive Mounts	
11	6	Double Sided Tape Squares	

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



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.



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

www.westinautomotive.com

Procedure:

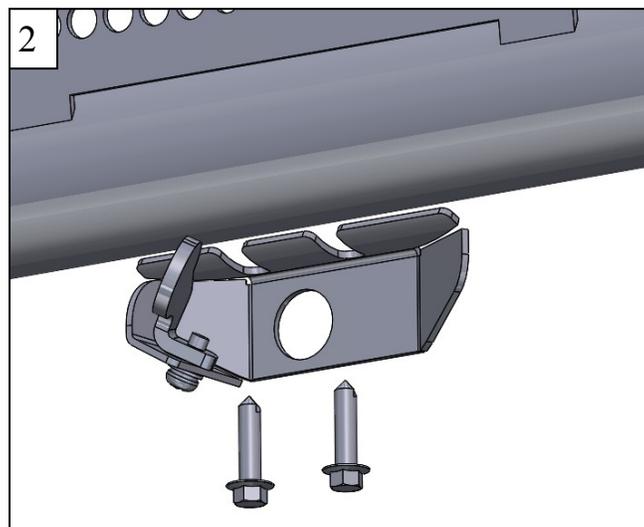
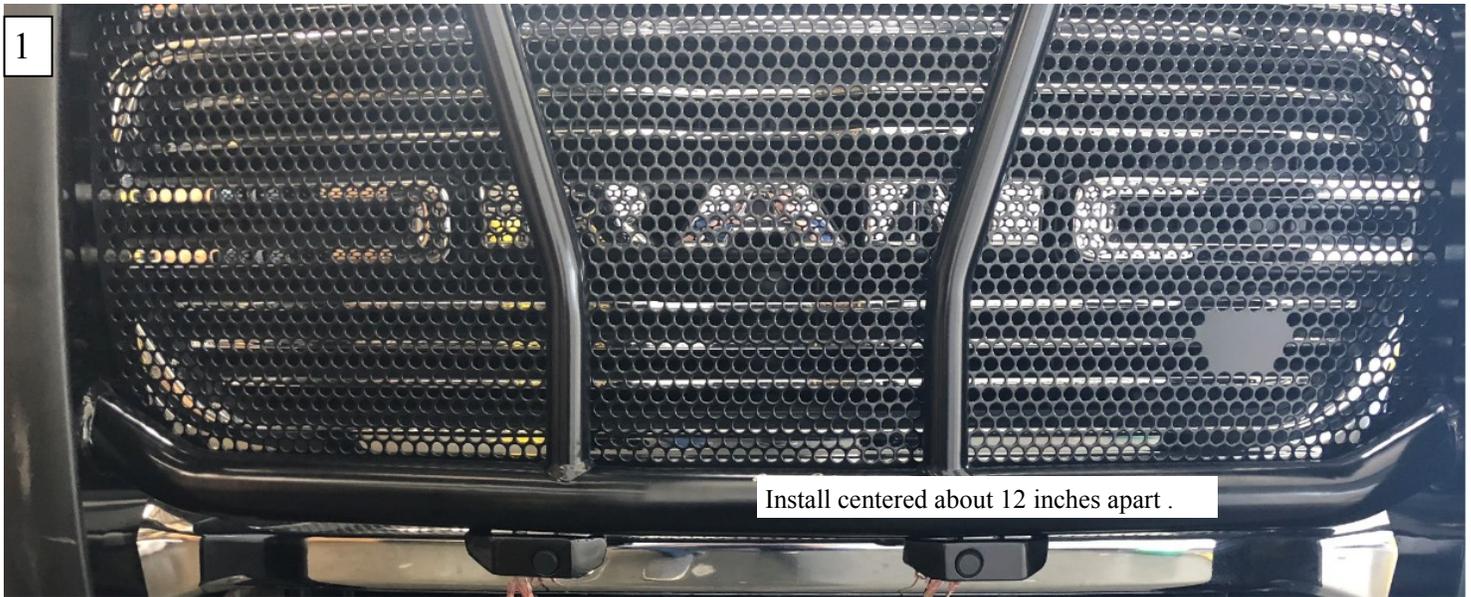
1. Remove contents from box, verify if all parts listed are present and free from damage.

Carefully read and understand all instructions before attempting installation.

Failure to identify damage before installation could lead to a rejection of any claim.

Note: Before removing sensors from bumper, make note of the orientation of the sensors; during relocation, make sure the OEM orientation is maintained.

2. Using items 4-6, install sensor bracket (Item1) using self drilling screws and tighten firmly. See Figures 1-2. Be careful not to over tighten screws and cross thread holes. Install centered about 12 inches apart .



2. Rotate tab to allow for the sensor to be inserted into item 1. **See Figure 3-4.**
3. Rotate tab to press against sensor and hold it in place. Tighten Phillips screw firmly but carefully to avoid damaging threads on tab.
Note: You may use one double sided tape square between retaining tab and sensor to maintain it in position. Make sure to install sensor using OEM rubber ring around sensor front cylinder section.



4. Using zip ties and adhesive zip tie mounts, route harness as desired. Use supplied harness extenders if needed.
5. Use supplied rubber grommets if you would like to route the sensor harness through the bumper sensor holes.
6. If you decide to route harness along the grille guard uprights, use supplied plastic plugs to cover holes on bumper. Use a small amount of black silicon on the inside of the bumper to hold the plastic plugs in place. **See Figure 5.**





WARNING



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

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:

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.**