



HAMMERHEADARMOR.COM | 1-800-HHTOUGH



 HammerheadArmor  Hammerheadarmor  HammerheadOff-RoadArmor

2019-2021
CHEVROLET SILVERADO 1500
DEFENDER SERIES
GRILLE GUARD
INSTALLATION INSTRUCTIONS



600-56-1164

PLEASE READ BEFORE YOU START

TO ENSURE A QUALITY INSTALLATION READ ALL INSTRUCTIONS AND WARNINGS THOROUGHLY BEFORE BEGINNING ANY WORK. THE INSTRUCTIONS ASSUME A CERTAIN AMOUNT OF MECHANICAL ABILITY AND ARE NOT INTENDED FOR SOMEONE UNFAMILIAR WITH AUTO REPAIR. FAILURE TO FOLLOW THESE INSTRUCTIONS COULD LEAD TO PERSONAL INJURY, DEATH, AND/OR PROPERTY DAMAGE.

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SAFETY

READ ALL SAFETY INSTRUCTIONS BEFORE INSTALLATION

If there are any questions, call 1-855-HHTOUGH

PRODUCT INSTALLATION SAFETY

- Follow all instructions for proper assembly.
- Always remove jewelry and wear eye protection.
- Park vehicle on a level surface, engage parking brake, and chock wheels before performing work on vehicle.
- Exercise care when lifting components. Team lift or use crane for items over 50lbs.
- Ensure all fingers and body parts are kept away from pinch points.
- Exercise care when trimming and cutting. Failure in doing so may cause harm or damage.
- Only use the hardware supplied for installation.
- Use appropriate torque for bolts. (Use the wet torque values if you are using Loctite or Anti-Seize, if not use the dry torque values)

Suggested Torque Values for Standard Hex Bolts (ft/lb)				
Bolt Size	Grade 5		Grade 8	
	Dry	Wet	Dry	Wet
1/4-20	8	6.3	12	9
5/16-18	17	13	25	18
3/8-16	30	23	45	35
7/16-14	50	35	70	55
1/2-13	75	55	110	80
9/16-12	110	80	150	110
5/8-11	150	110	220	170
3/4-10	260	200	380	280
7/8-9	863	648	606	303
1-8	1295	971	909	454

Suggested Torque Values for Metric Hex Bolts (ft/lb)				
Bolt Size	Grade 8.8		Grade 10.9	
	Dry	Wet	Dry	Wet
M6	10.4	7.8	15	11.2
M8	25.4	19.1	37.6	27.3
M10	50	38	72	54
M12	88	66	126	94
M14	141	106	201	150
M16	218	164	312	233
M18	301	226	431	323
M20	426	319	609	457
M22	580	435	831	624
M24	736	552	1052	789

PRODUCT USAGE SAFETY

- Do not alter or modify product in any way. Doing so may void warranty or lead to personal injury. (Visit hammerheadarmor.com/support/policies/ for warranty details)
- Re-torque hardware at each oil change.
- In the event of a collision, inspect product and mounts for damage before usage.
- After vehicle recovery or winching, inspect mounts and hardware.
- For proper winch usage refer to the winch manufacturer's guidelines.

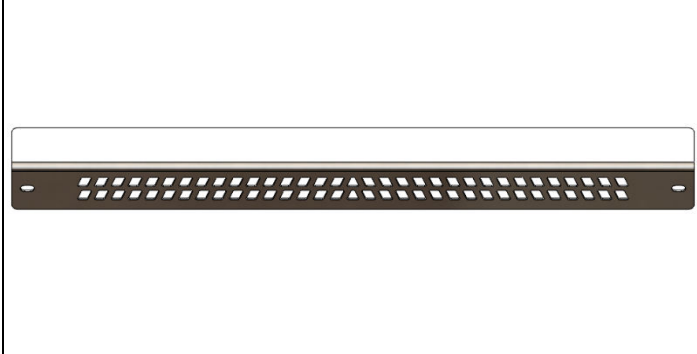
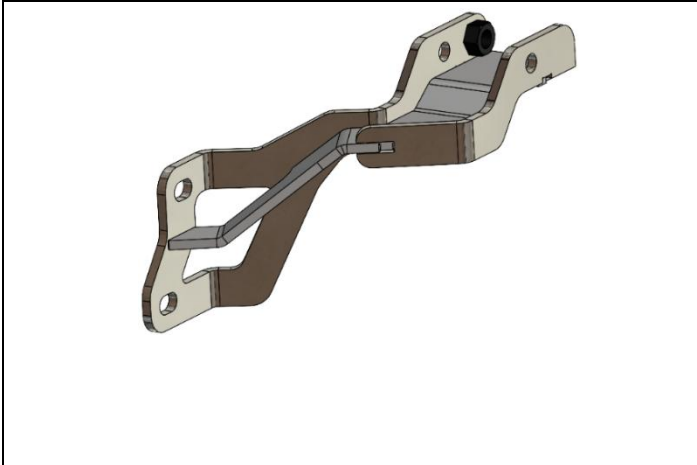
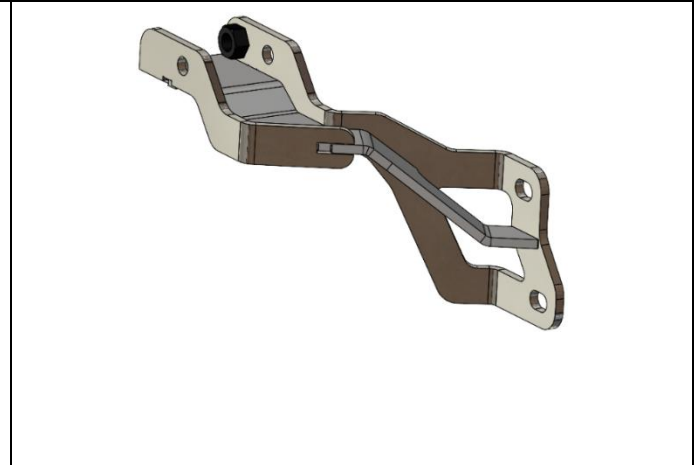
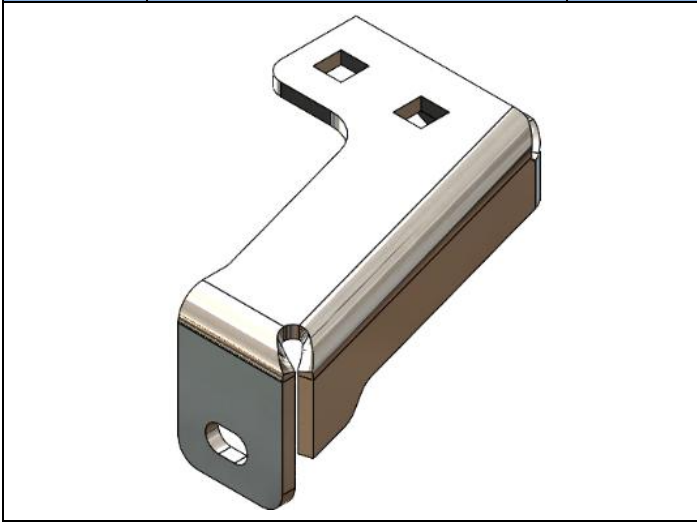
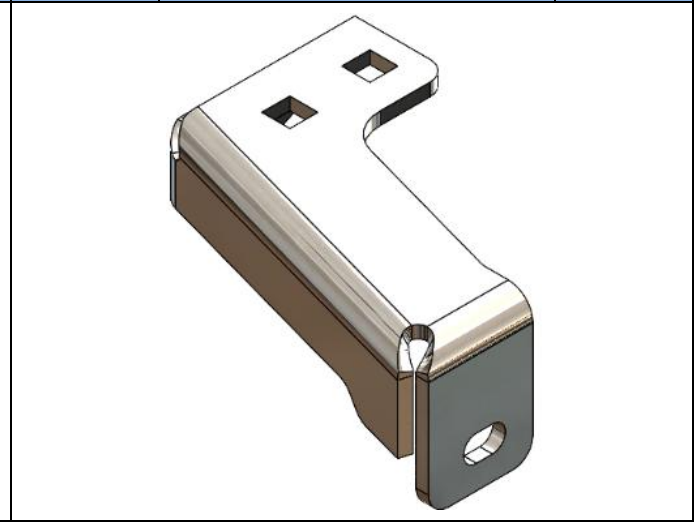
California Proposition



WARNING: This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.

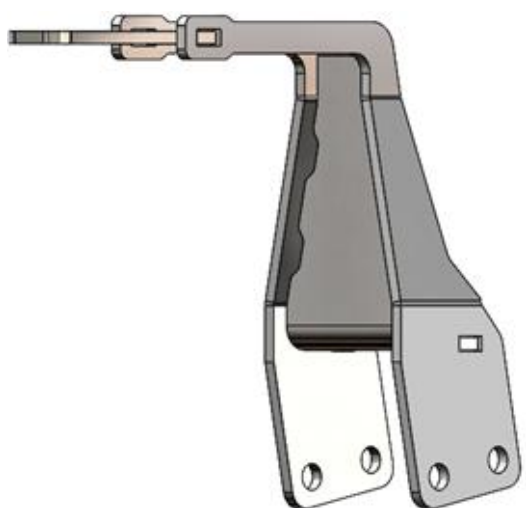
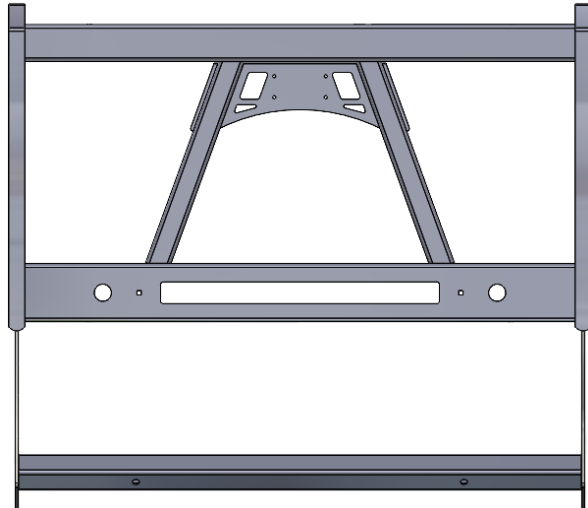
For more information visit: www.P65warnings.ca.gov

I. PARTS LIST

ITEM 1	601-56-6144	QTY. 1	ITEM 2	601-56-6090	QTY. 2
					
ITEM 3	601-56-6829	QTY. 1	ITEM 4	601-56-6830	QTY. 2
					
ITEM 5	601-56-6837	QTY. 1	ITEM 6	601-56-6838	QTY. 1
					

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ITEM 7	601-56-7111	QTY. 2	ITEM 8	60P-56-1072	QTY. 2
					
ITEM 9	INSTALL KITS				QTY. 1
✓ INSTALL KIT #0351 (60K-56-0208) x2 (60K-56-0158) x1 (60K-56-0253) x1 (60K-56-0256) x1 (60K-56-0258) x1					

REMOVE CONTENTS FROM BOX AND VERIFY ALL PARTS ARE PRESENT.
If there are any questions, call 1-855 HHTOUGH or email HHORDERS@hammerheadarmor.com

II. TOOL LIST

- ✓ A crane or a helper
- ✓ Basic tool set
- ✓ Blue masking tape
- ✓ Trim tool
- ✓ Cutting Tool
- ✓ Torx T15 socket
- ✓ 10mm socket
- ✓ 15mm socket
- ✓ 16mm socket
- ✓ 18mm socket

III. VEHICLE PREPARATION

1. Park vehicle on level surface.
2. Engage parking brake, disconnect battery, and chock the wheels.
3. Using blue masking tape, mask along the profile of your vehicle above the bumper. This will help protect your vehicle from any accidental scratches.

IV. REMOVAL OF OE FRONT FASCIA

1. Remove the hood latch:

- Open the hood to access the engine bay. Remove the hood latch handle by unscrewing the two Torx T15 bolts. Set the handle aside for reinstallation later.

NOTE: DO NOT CLOSE THE HOOD AFTER REMOVING THE LATCH HANDLE.



2. Remove the engine shroud:

- by using a plastic trim tool to release the plastic pins located around its perimeter. This will allow access to the top of the grille. Set the shroud aside for reinstallation later.

**3. Remove the grille:**

- Use a 10mm socket to remove the bolts securing the top of the grille along the crash bar.
- Several plastic trim pins are also securing the grille. Using even, uniform force, carefully pull at each pin location to release them without damage.
- Once all bolts and pins are removed, tilt the top of the grille outward to clear the upper lip of the front bumper, and then lift it out. Set the grille aside for later reinstallation.



4. Remove the active grille shutters:

- Use a 10mm socket to remove the bolts around the perimeter of the plastic shutter frame.
- Detach any remaining plastic clips using the same careful technique described in the previous step.
- For models with functional shutters, disconnect the wiring harness connector before removing the assembly. Set the shutters aside for later reinstallation.

NOTE: EVEN IF THERE ARE NO ACTIVE SHUTTERS THE SHUTTER FRAME WILL STILL NEED TO BE UNINSTALLED.

**5. Remove the upper bumper shroud:**

- At the top of the bumper, there is a plastic shroud separating the grille and bumper areas.
- Remove the three plastic pins securing it, then lift the shroud away from the vehicle.

NOTE: THIS COMPONENT IS NOT COMPATIBLE WITH THE HAMMERHEAD GRILLE GUARD AND WILL NOT BE REINSTALLED.

6. Remove OE Tow Hooks:

- From underneath the front of the vehicle, remove the OEM hardware securing the tow hooks in place.
- Once the hardware is removed, detach the tow hooks. These components will not be reused, so set them aside or discard as appropriate.

V. INSTALLATION OF

1. Installation of Upper Frame Mounts (601-56-7111)

- Loosen the top bolt on the frame horn to allow clearance for the upper frame mount.

NOTE: THE BUMPER IS REMOVED IN THE PICTURE BELOW FOR INSTRUCTIONAL PURPOSES. REMOVAL OF THE BUMPER IS NOT REQUIRED.



- After making clearance for the upper frame mount, maneuver the mount to rest atop the chassis (as depicted below).



- Using the provided hardware kit #256, insert the M12-120 bolt through the frame at the hole and slot location. The rear bolt should be positioned at the top of the slot in the frame. The upper mount will sit at an angle. Use the serrated flange nut to partially fasten the threaded end of the bolt, holding it in place. When ready to tighten, use a 16mm socket on the bolt and an 18mm socket on the nut.

NOTE: DO NOT FULLY FASTEN THE BOLTS AT THIS STAGE, AS ADJUSTMENTS MAY BE NECESSARY FOR ALIGNMENT.



2. Installation of the Upper Frame Mount Brackets (601-56-6837,6838)

- Using the provided hardware kit #208, fasten the bracket to the location at the exterior end of the upper frame mount. Use the photo below for reference. (Note: The grille will not be installed at this stage, unlike in the picture.)



3. Installation of the Lower Frame Mounts (601-56-6829,6830)

- Maneuver the lower frame mount through the OEM tow hook locations in the bumper, aligning it so that it slides inside the frame horn.
- Using the provided hardware kit #253, insert the ½”-13 bolt through the front hole location, then fasten a bolt to the rear weldnut location. Refer to the photo below for guidance.

NOTE: THE HARDWARE IN THE PHOTO IS NOT ACCURATE.



- With the frame mounts in place, reassembly of the OE front fascia can now be performed.
- NOTE: DEPENDING ON THE VEHICLE'S APPEARANCE PACKAGE, TRIMMING THE BOTTOM LIP OF THE GRILLE MAY BE REQUIRED.**



4. Installation of Grille Guard (60P-56-1072)

- With the help of a partner or a hoist, maneuver the grille guard into position so that it slides uniformly over the frame mounts.
- Do not fasten the bolts until all are located in their specific positions (two in the lower frame mount and one in the upper frame mount).
- Following installation of the Grille Guard ensure that all mounts and hardware are secured to the torque specs included in the front of this manual.



**Congratulations! Your product installation is now complete.
Thank you for your purchase!**