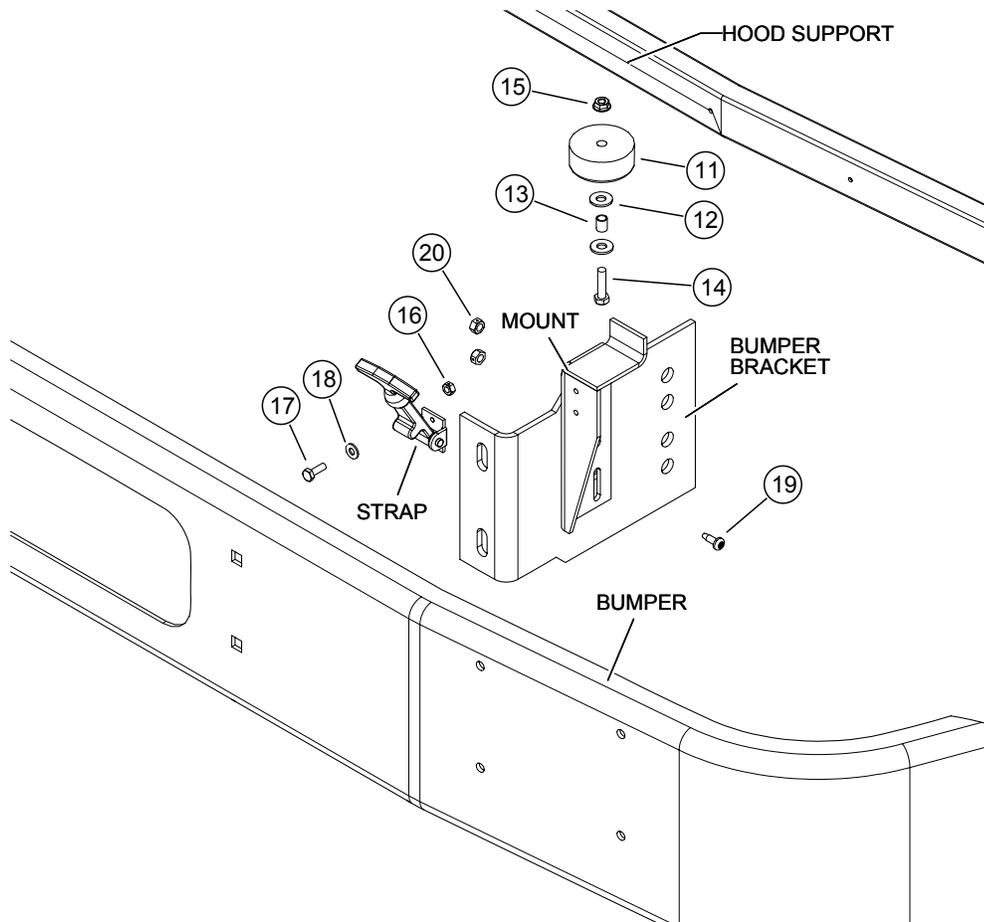


Upgrading RIM Hood Stops



ID	Part Number	Description	Qty
	23002147SK	KIT RIM HOOD BUMPER STOPS 2.5	1
11	05705702	RUBBER BUMPER 2.50 DIA x 1.00	2
12	11000160	WASHER FLAT 5/16	4
13	08611784-00050	SPACER STEEL	2
14	11307024	BOLT HX 5/16-18 x 1-1/4 SS	2
15	11600238	NUT 5/16-18 FLG	2
16	11600678	NUT 10-24 SS NYLOCK	4
17	11600897	SCREW 10-24 x 3/4 SS	4
18	11000185	WASHER #10	4
19	11300177	SCREW STP PNH TX 1/4-20	2
20	11000040	NUT HX 5/16-18 CTLK GR5	4

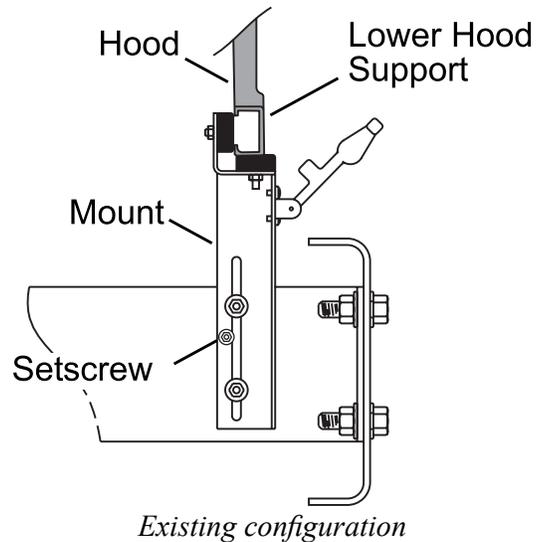


WARNING: Put the transmission in PARK and set the parking brake before working on the vehicle. Always wear safety glasses while working on the vehicle. Always secure hold-open devices (prop rod or locking strut) before working under the hood.



CAUTION: Some trucks have an automatic locking gas strut. Do NOT close the hood without first depressing the orange button on the passenger side gas strut to disengage the safety locking mechanism. Failure to do so could result in damage to the hood.

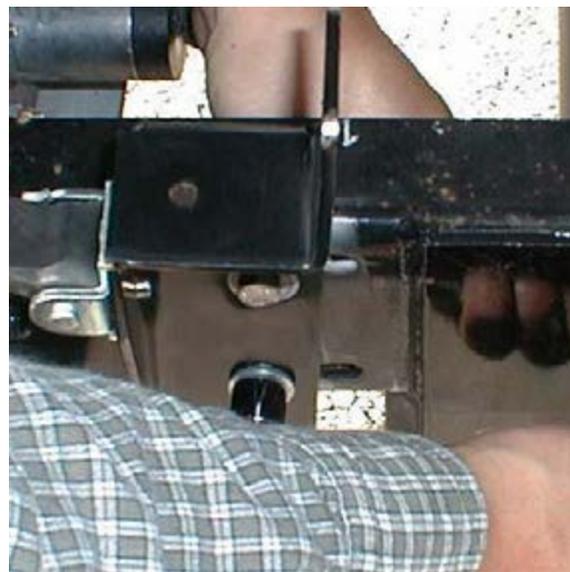
1. Read and understand all the instructions before starting the repair.
2. Release the hood hold-down straps, open the hood, and secure the hold-open device.



3. Remove the (4) rubber hood stops.
4. Removed existing set screw if installed.
5. Loosen both mount brackets.



Existing hood stops



Mount brackets

6. Directly below each hood strap catch, locate the center of the hood support ($9/16$ " from the back edge of the hood support).
7. Using a $5/16$ " bit, drill (2) holes through the bottom of the hood support.



Center with strap catch



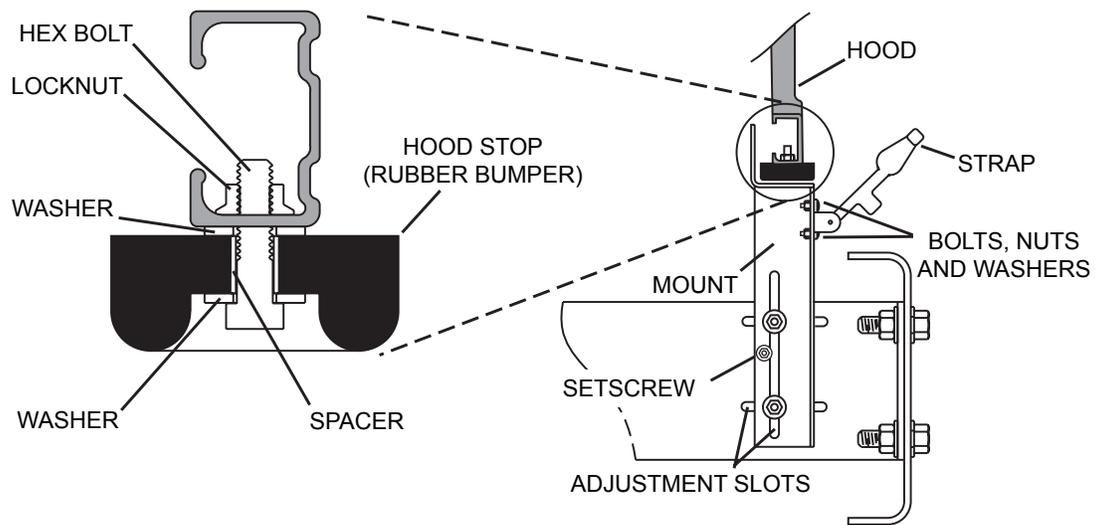
Drill holes

8. Attach 2-1/2" rubber bumper to the hood support with (2) washers, a spacer, a $5/16$ -18 x 1-1/4" bolt, and a $5/16$ -18 flange locknut. For each hood stop, the spacer goes through the bumper, washers are on both sides of the bumper, the bolt goes through the spacer, and (after inserting the bolt through the hood support) the locknut goes on the end of the bolt. Repeat for the other side.
9. Torque the nuts 5-7 ft•lbs.



Attach replacement bumpers

10. Remove the (2) bolts holding each mount to the bumper, and discard the locknuts.
11. Place each mount in a vice and drill out the rivets attaching the hold-down strap to the mount.

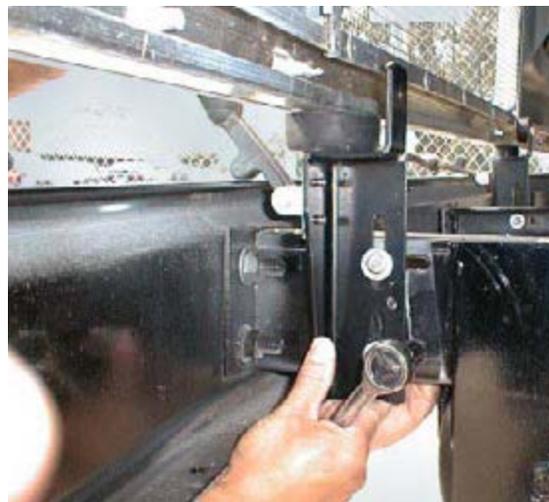


Hood stop in place

12. Reverse the hold-down strap so that the rubber knob faces away from the grill.
13. Reattach the hold-down strap to each mount with 10-24 bolt, washer, and nut.
14. Reattach the mounts to the bumper using new locknuts.
15. Torque the 5/16" locknuts to 14-17 ft•lbs.
16. Adjust the mount supports so that the stops are flat against the top surface and so that there is also an equal spacing in the gap between the quarter panel and the fender. Pushing the mount up or down along the vertical slot adjusts the gap between the quarter panel and the fender (pushing the mount up increases the gap at the bottom). Pushing the mount sideways along the horizontal slots adjusts the alignment of the mount and the hood stop.

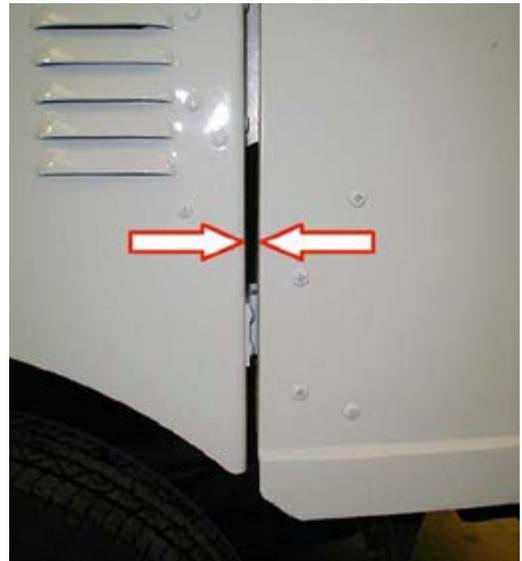


Poor alignment



Good alignment

17. Secure the location after all adjustments have been made by drilling a new $\frac{7}{32}$ " (.218") hole behind the adjustment slot and securing with the self-tapping pan-head Torx® screw. This will act as a set screw.



Proper hood and quarter panel gap

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Upgrading Rim Hood Stops, March 2015

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