INSTALLATION INSTRUCTIONS, SLAMMED BOLTLESS BOWTIE SUNVISOR, 02+ WESTERN STAR CONSTELLATION

- 1. Remove the factory visor and brackets, saving the bolts from the ends for later re-use.
- 2. Peel plastic from along center flanges as well as across the top and bottom of visor halves.
- 3. Join two visor halves at center with (3) 5/8" long bolts, washers and nylock nuts.
- Temporarily install new visor brackets to roof in the respective locations without fully tightening. It's also recommended to protect the A-pillar with masking tape to prevent scratching of the paint surface.
 NOTE: The center bracket is not used and holes will be filled with bolts in step 13
- 5. Place visor onto brackets by first setting into the lower; front of the brackets and rotate visor back.
- 6. Temporarily fasten visor to brackets with supplied ¹/₂" long 10-32 fasteners.
- 7. Ensure the visor is sitting properly and the holes from the visors ends align with the factory holes above the door. The end bolts could also be temporarily installed to hold visor ends.
- 8. Mark hole location for the secondary end holes on to the A-Pillar.
- 9. Remove visor from brackets; and brackets from roof.
- 10. DRILLING THE A-PILLAR REQUIRES SOME CARE: The A-Pillar is a double layer and requires both layers to be drilled. Its recommended to use a 1/8" drill bit first for both layers; ensuring the drill bit doesn't wander while trying to drill the 2nd layer. Next, step up the drill bit to ¼" dia. (approx.) for both layers followed by a 25/64" drill bit also for both layers.
- 11. Peel tape from around drilled hole locations and install ¹/₄" Nutserts.
- 12. Fill all roof hole locations with silicon as well as the end hole locations and reinstall brackets with supplied 1" long ¼" bolts, flat washer and lock washers. Leave brackets loose enough for final adjustment.
- 13. Install and tighten center filler bolts.
- 14. It's highly advised to apply a bead of silicon along the surface of the brackets to eliminate rattle between the brackets and visor surfaces.
- 15. Place visor onto brackets as previously done in step 5 and install ¹/₂" long 10-32 fasteners with external tooth locking washers, leaving loose enough until final adjustment.
- 16. Peel plastic from around end hole locations and install end bolts; leaving loose enough until final adjustment. NOTE: Nylon spacers are provided and illustrated below for the two different sizes.
- 17. (a) Tighten brackets to roof. (b) Tighten visor-brackets. (c) Tighten end bolts.
- 18. Peel protective PVC coating and wipe with glass cleaner and soft cloth if necessary.

