



PRODUCT INSTRUCTIONS

PRODUCT:	C7 ZR1 ENGINE COVER BRACKETS
PART NUMBERS COVERED:	HP1058
LAST UPDATE:	12/12/2021

1. Remove the carbon engine cover

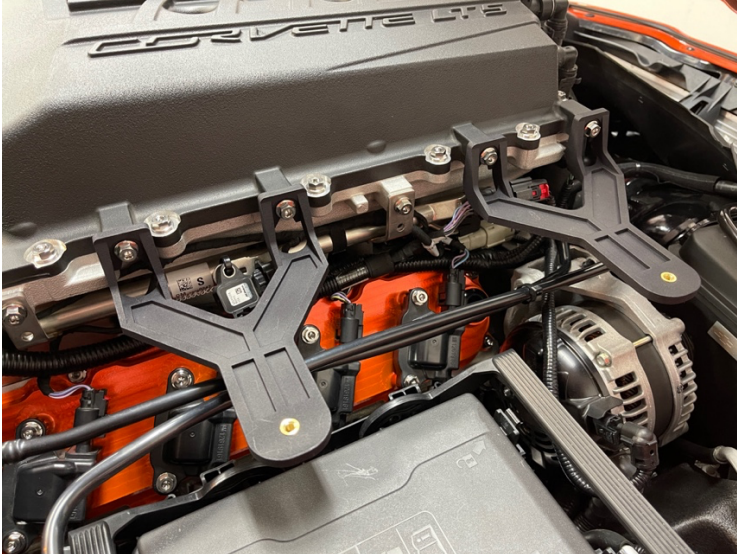


2. Remove the factory engine cover mounting brackets



3. Apply a small amount of blue Loctite to the M6x1.0x22mm bolts and thread them into the supercharger.
4. Slide the Harding Performance engine cover mounting bracket in place.

5. Thread the bolt in by hand until the bolt just touches the bracket, then back off 1/4-1/8th turn.
6. Check the resistance of the bracket to engage the bolts. It should slip on easily but not be loose.
7. Repeat for the other three brackets.



8. Allow Loctite to set for 10 minutes.
9. Remove the factory bolts from the carbon fiber cover
10. Set the carbon fiber cover on the brackets.
11. Install the M6x1.0x35mm bolts in the carbon fiber cover and start the washer and nut on the bottom. Run them down but do not torque yet.
12. Close the hood and use the centerline of the carbon fiber lid to check the alignment to the hood. Stand in front of the car and make sure it aligns to the hood. Push the cover left and right to find center.
13. Open the hood
14. Use a wrench to hold the nut on the bottom of and tighten the hold down bolts until the bracket will not easily rotate.
15. The cover is now installed, and you can remove and re-install the cover without tools at racetracks and car shows. To beautify your engine further, use Harding Performance billet LT valve covers.
16. Follow the regular removal and installation steps below to check the tightness of the brackets and ensure the cover can be easily removed and re-installed.
17. Loctite will fully set in 24 hours.

Regular removal and installation of the cover without tools.

1. Open hood
2. Lift cover straight up to remove.

3. Set cover in the rear compartment at car shows for safe storage.
4. When it's time to re-install, make sure it is centered set the cover down on the bolts. The chamfered slots will help the brackets to engage the bolts properly.
5. Reach your hands under the cover to ensure that the brackets have properly engaged the bolts. If not, push down the bracket onto the bolt.
6. Ensure that it is 100% seated all around.
7. Close the hood.

TORQUE VALUES

Carbon fiber cover hold down	Hand tight until bracket will not rotate.