

2020 - 2024 Corvette: Front Fascia and Headlight Adjustment

November 20, 2023

The paint may have chipped or peeled on the front fascia or fender-to-fascia body seam on some 2020-2024 Corvettes. (Fig. 9) The paint chip may be due to the headlamp being positioned too tightly to the body panel. The fit between the front fascia and fender also may be too tight on the same vehicle.



Fig. 9

If these conditions are found, there are four potential high-contact areas (Fig. 10) where the paint may chip or peel:

1. Fender/fascia under the headlamp

2. Front corner of the headlamp to the fascia
3. Headlamp tight to fender
4. Front fascia to fender

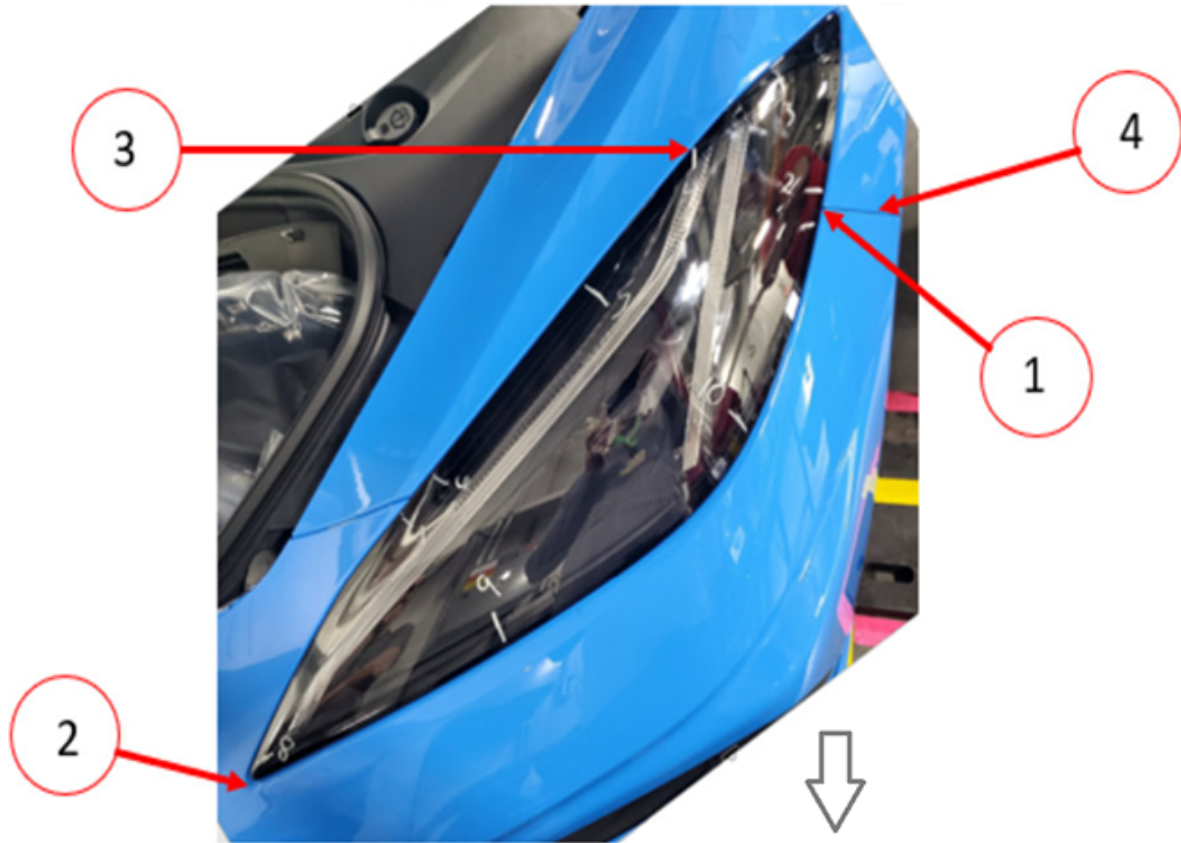


Fig. 10

Check for the correct headlamp position before and after any repairs. The headlamp lens should have a minimum 0.5 mm (0.02 in.) gap between the lens and the body panel. (Fig. 11)



Fig. 11

Headlamp Adjustment

To adjust the headlamps, the front tire/wheel assemblies and wheelhouse liners as well as the front fascia must be removed.

The headlamps can be adjusted on both sides, as necessary, by loosening the fasteners and moving the front corner of the headlamp away from the front compartment opening. (Fig. 12) In some cases, the forward mounting hole in the headlamp housing may need to be slightly enlarged to move the headlamp away from the fascia. After positioning the headlamp, hold it in place when reinstalling the bolt.

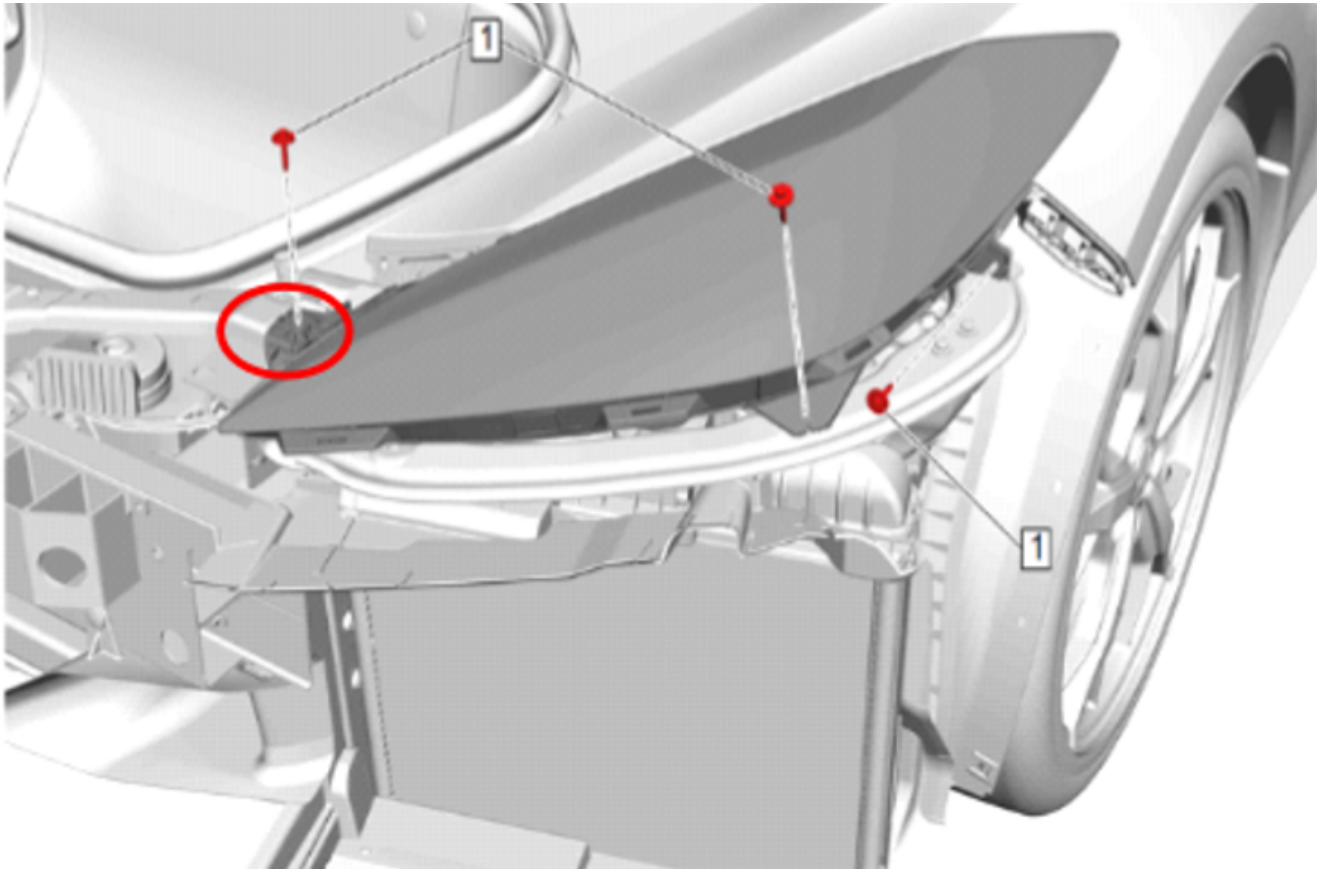


Fig. 12

Complete a partial paint repair to the affected locations of the front fascia and reinstall the fascia.

Headlamp-to-Fender Gap

If there is a tight gap at the headlamp-to-fender area, mark the location of the two cobra bracket bolts on each side of the vehicle and adjust the brackets. Lowering the bracket will create a larger gap between the headlamp lens and the fender. (Fig. 13)

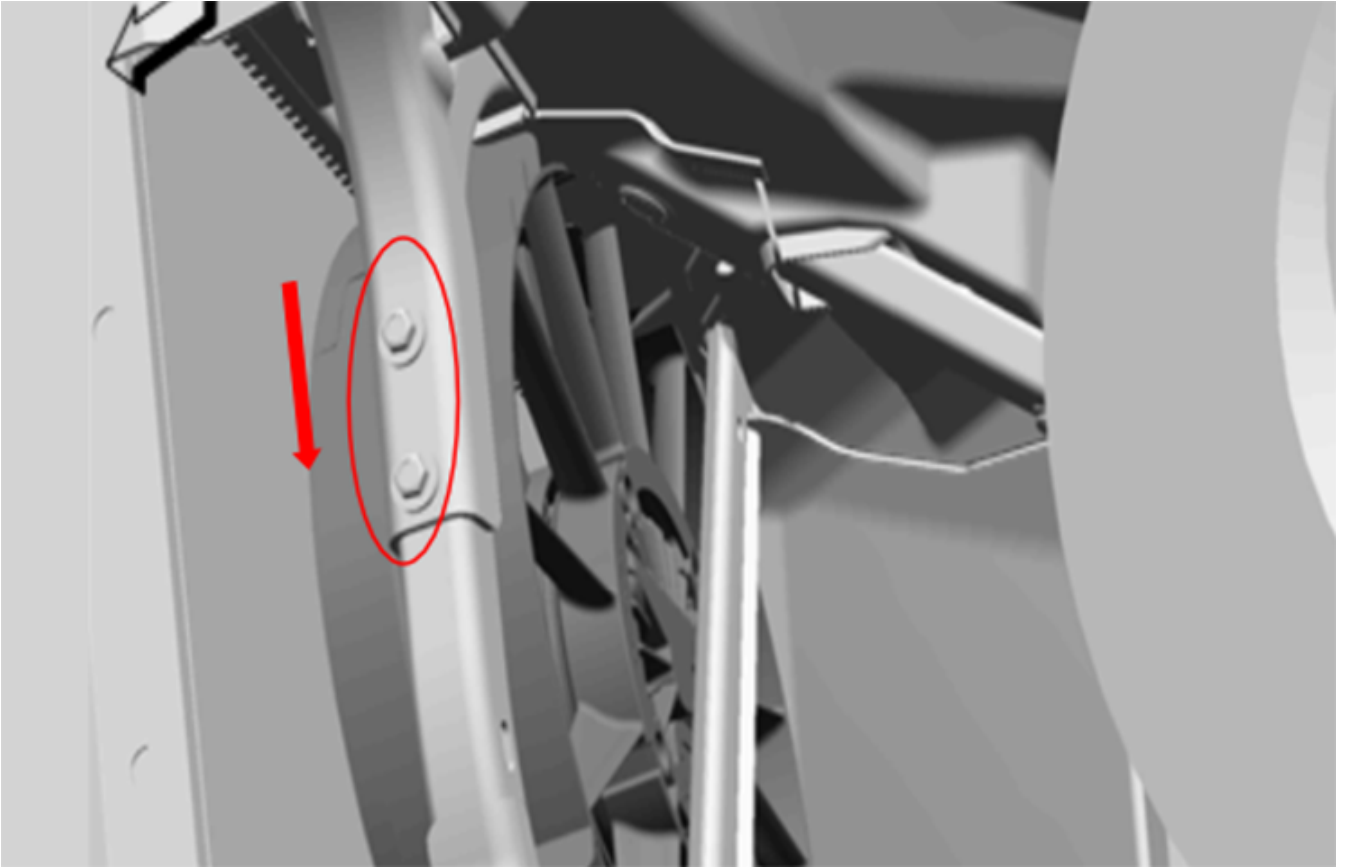


Fig. 13

Fascia-to-Fender Gap

If there is a tight gap at the front fascia-to fender area, install shims at three locations (Fig. 15) between the bracket and fender.

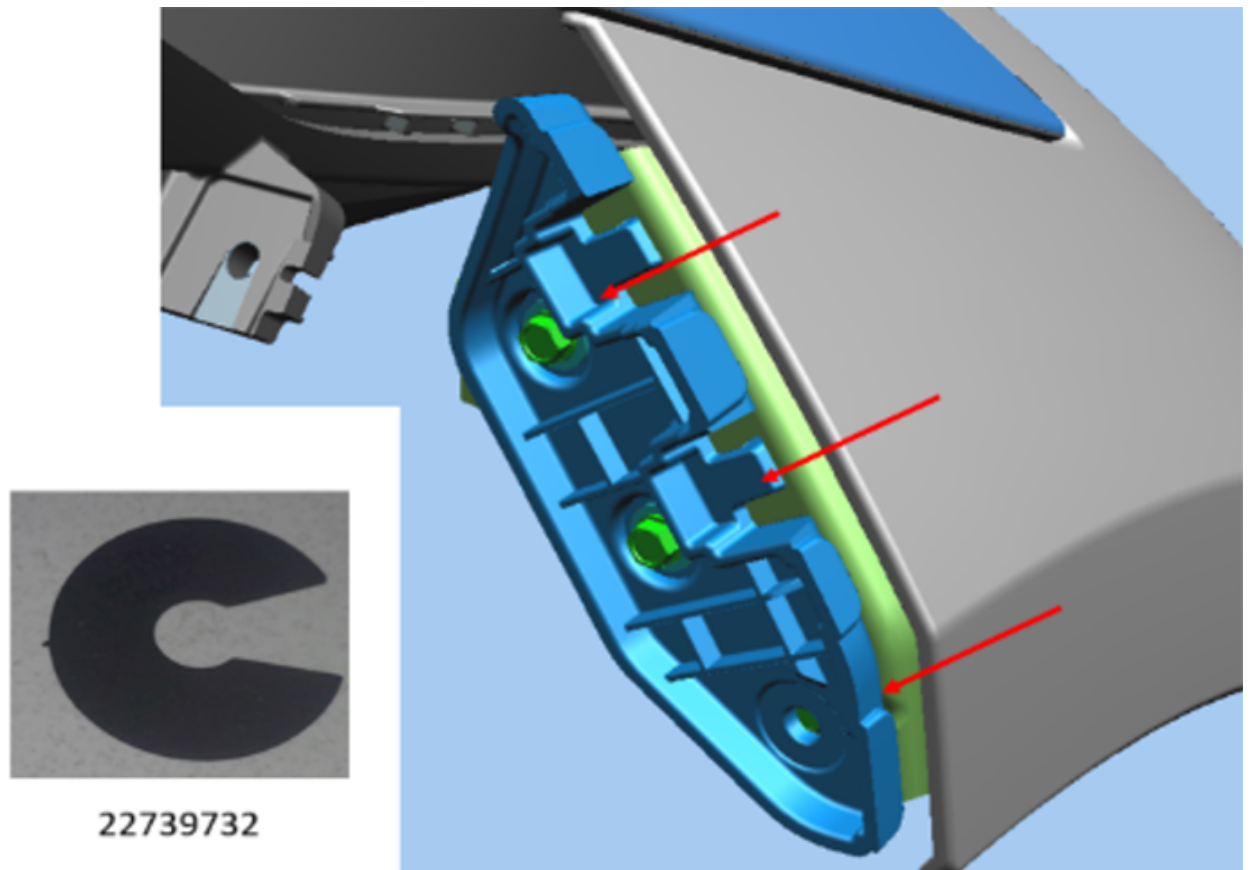


Fig. 14

For complete repair instructions and part numbers, refer to Bulletin #22-NA-081.

– Thanks to Lane Rezek and Jeff Strausser

Custom Fields

- **Source:** GM TechLink

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