

Chevrolet Corvette C6 Z06 Rear Diffuser Installation Manual

Components List:

Rear Diffuser
LED kit

Approximate Installation Time:

2 Hours

Hardware for factory leaf spring setup

or

Hardware for coilover setup



*Hardware for factory leaf
spring setup.*



Hardware for coilover setup.



LED kit.



Installation Procedures:



1. Remove four 7mm bolts from the bottom of each side of the factory diffuser (total eight bolts).



2. Remove mud guards.



3. Remove three 7mm bolts from the inside area of the mudguards, both sides (total six bolts).



4. Remove two 10mm bolts at the center brackets.



5. Unhook seven clips that hold the factory diffuser to the bumper.



6. Disconnect the connector to the reverse light bulb. The bulb and green bulb base are no longer needed.



7. Remove the center brackets, screws, and inserts from the factory diffuser.



8. Remove the center brackets, screws, and inserts from the factory diffuser (cont'd.).



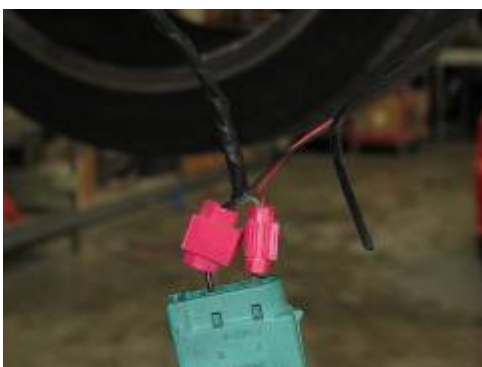
9. Install the center brackets, screws, and inserts into the new diffuser.



10. Feed the LED wire into the bumper.



11. Reach in behind the bumper and pull the wire until it reaches the reverse light connector.



12. Splice the LED wires into the reverse light wires.

LED red wire goes to reverse light green wire.

LED black wire goes to reverse light black wire.



13. Use zip-ties to secure the spliced wires.



14. Secure the LEDs to the bumper using double-sided tape.

Before attaching the new diffuser, confirm function of the new LED reverse lights.

15. Attach the rear portion of the new diffuser the same way the factory diffuser was removed (but in reverse order).

The outer two bolts that secure the mudguards on each side will need to be installed later.



16. To attach the front portion of the new diffuser,

First, remove the rear two (2) bolts that secure the leaf spring brackets (the bracket should stay in place).





Then, use the new hardware to secure the new diffuser to the same holes.

* The spacers go above the diffuser, while the large washers and bolts go below the diffuser.

* Apply the included Loctite threadlocking compound to the threads on the bolts before securing to the holes.

* Don't tighten fully until after the mudguards have been re-installed.



 <p>View of non-leaf spring configuration (a.k.a. "coilover setup")</p> <p>Laterally-mounted factory leaf spring and retaining bracket was removed from here.</p>	<p>* Applies to coilover setup only:</p> <p>For coilover setups, make sure to remove the two (2) leaf spring brackets and all four (4) leaf spring bracket bolts.</p>
	<p>17. The factory mudguard will need to be trimmed in order to fit the new diffuser. Test fit the mudguard and mark off a 1.5" x 1.5" area to trim.</p>
	<p>18. Trim as marked. Use a ruler as needed.</p>
	<p>19. Test fit the mudguard after trimming. Secure the outer two bolts on each mudguard once test fit is OK.</p>

	<p>20. Tighten all previously un-tightened hardware as needed.</p> <p>* The new bolts for the leaf spring setup should be tightened to factory spec. (28 ft-lbs.).</p> <p>* The new bolts (Allen key type) for the coilover setup should be tightened until they feel secure.</p>
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Installation is now complete!

