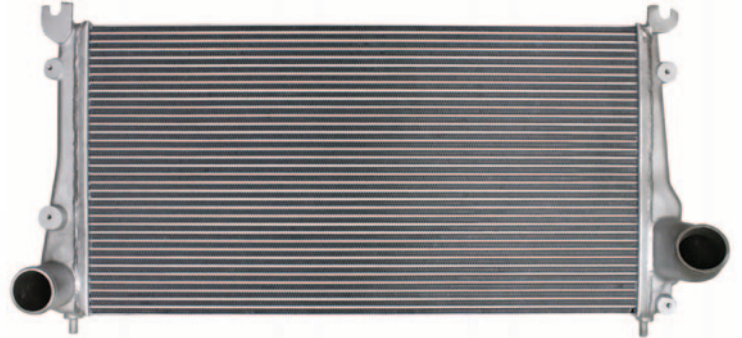


CHARGE AIR COOLER 222329

Heavy Duty Chevy / GM Charge Air Cooler

Some modifications are necessary in order to properly install this heavy duty charge air cooler into the truck.

There are four 8mm bolts and washers included with this charge air cooler. They are to replace the OE bolts that hold the radiator to the charge air cooler. The OE bolts are too long to fit in this charge air cooler.



INSTALLING CHARGE AIR COOLER:

While installing this charge air cooler, it is necessary to trim the plastic headlamp bucket on the driver's side of the truck. This plastic can easily be cut with a utility knife or other similar cutting tool. In **Photo 1**, you can see the untrimmed headlamp bucket along with the approximate cut line necessary for a proper fit. In **Photo 2**, you can see the properly trimmed plastic. When trimmed properly, the plastic should be cut just enough to not contact the charge air cooler.

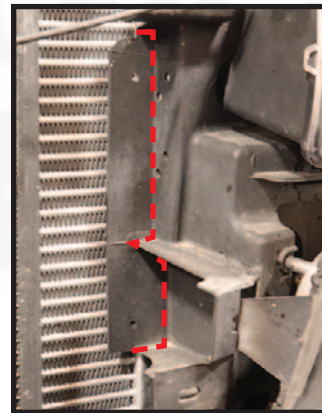


Photo 1

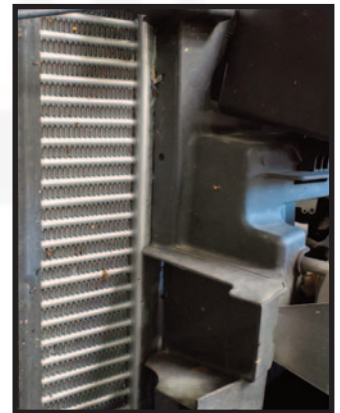


Photo 2

After the charge air cooler is installed, refer to **Diagram 1** for the last modification. You will need to bend the two lower condenser mounts labeled **A** forward, so they no longer contact the charge air cooler. To do this, loosen the four bolts labeled **B** at the bottom of the front end radiator opening brace labeled **C** in the diagram. Once the four bolts are loosened, the brace can be moved forward to allow you to bend the two lower condenser mounts **A** forward so they will no longer come in contact with the charge air cooler. Once the mounts no longer contact the charge air cooler, tighten the four bolts labeled **B**.

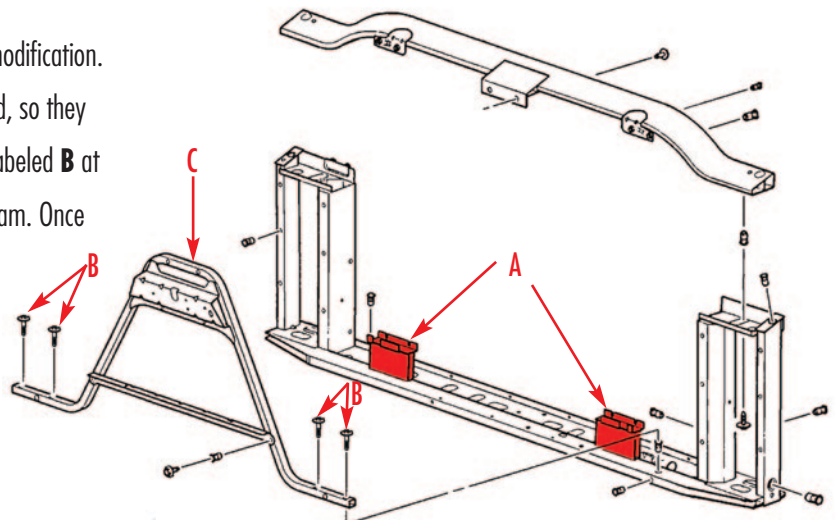


Diagram 1