



Radiator & Intercooler Conversion

'73-'80 GM C & K Series

Revision 00 (08/06/18)

Notice

On the '73-'80 GM C or K Series Trucks, Blazers or Suburbans you will need to acquire a large capacity radiator upper support panel (shown below). You should have luck acquiring one online or at a local salvage yard. In order to retain the OEM Duramax Coolant tank, we recommend '01-'05 LB7 / LLY radiator. It is a direct replacement for the 454 CID or 6.2 liter Diesel radiator and does not require any modifications to install it.

LB7 or LLY Radiator

- 1. If you are using a '01-'04 LB7 or '05 LLY Duramax Diesel engine then you will use the OEM upper hose, lower hose and coolant tank assembly from that same application.*
- 2. If you are using a '06-'07 LBZ or '08-'10 LMM Duramax Diesel engine then you will use the OEM upper hose, lower hose and coolant tank assembly from that same application. The upper radiator hose is a direct fit, however the '01-'05 LB7 or LLY upper radiator hose can be used if you have one. The lower radiator hose will need to be slightly modified by cutting off the plastic coupler that connects the hose to the radiator. Use the edge of the plastic coupler as a guide and carefully cut it off. Once the coupler is removed the hose is the correct size and will fit the '01-'04 LB7 or '05 LLY radiator. You will need a stainless steel worm drive clamp to secure the hose to the lower radiator output.*

3. *If you are using a '11-'16 LML Duramax Diesel engine then you will use the OEM upper hose, lower hose and coolant tank assembly from that same application. The upper radiator hose is a direct fit. The lower radiator hose will need to be slightly modified by cutting off the plastic coupler that connects the hose to the radiator. Use the edge of the plastic coupler as a guide and carefully cut it off. Once the coupler is removed the hose is the correct size and will fit the '01-'04 LB7 or '05 LLY radiator. You will need a stainless steel worm drive clamp to secure the hose to the lower radiator output.*



Intercooler

The closest off the shelf intercooler is a 1994-2002 Dodge Cummins and will need to be mounted to the forward side of the core support. If you decide to purchase one of these we highly recommend an aftermarket version. The hot and cold charge tubes will be located on the high side and can be plumbed to pass through the OEM air cleaner intake hole on the passenger side. On the driver side you will need to remove the “knock-out” and the charge tube can be plumbed to pass through it after it has been removed.



We are working on a custom built intercooler and charge tubes for this application and will be a bolt-in affair. This will maintain the OEM core support and overall look without any major modifications. Once these products are completed we will load them on to our online store and they will be available for purchase. If you are interested in this please contact us at (209) 588-1000

