

River City Diesel 6.0L Coolant Filter Installation Instructions.



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1. With Engine cool, remove coolant cap and drain 1-2 gallons of coolant from engine.
2. Install coolant filter hoses to base as pictured using supplied pipe sealant on threads.
3. Attach filter base to stainless bracket with supplied 3/8-16 x1/2" Bolts.
4. Pull rubber back from front passenger side of the radiator support to gain access to the bolt to install the bracket.



5. Place sleeve in bracket and Install 3/8x5" Bolt through Bracket and Sleeve as pictured.



6. Loosen intercooler bolt and isolator bushing without totally removing. You will then slide the bracket upward, underneath the edge of the bushing. This will help support the assembly.
7. You will then install the large fender washer, lock washer and nut on the bolt that is now protruding on the front side of the radiator support. This fender washer will form to the shape of the intercooler bracket when tightened.



8. Place crossover hose over the fan shroud. You will then cut the 3/8" factory hose and remove approximately 1/2" from the length during the cut. This allows for the Tee assembly to be installed. Install small hose clamps supplied and tighten.
9. Cut the factory heater hose assembly on the passenger side of the engine to install the adapter. You will then need to remove 1/2" to 5/8" of hose to allow installation of the machined 3/4" Tee assembly. Be sure in install the tee forward of the heater control valve if so equipped.



10. Install larger clamps on hose and install the machined tee after routing the hose to prevent chafing on sharp objects. Tighten Clamps.



11. Install Filter to base, turn valves on if so equipped.
12. Fill truck with coolant, drive to purge air from system and top off. Being careful not to remove the coolant cap from the tank while under pressure. (hot)

This filter will prolong oil cooler life by removing debris from the coolant that would normally plug the heat exchanger. We recommend changing the coolant filter after 500-1000 miles initially and then every other oil change thereafter.

Thanks again for buying from RCD!