



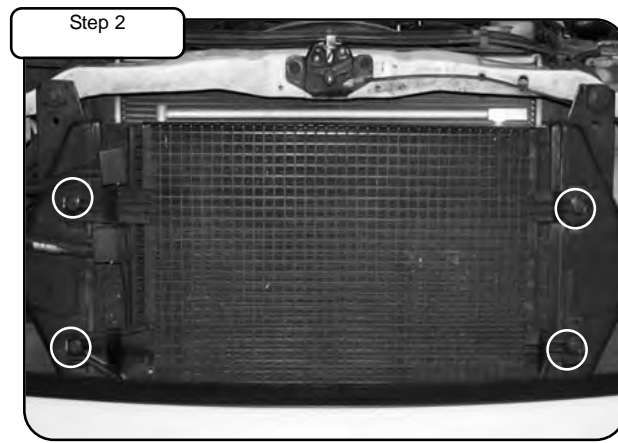
advanced FLOW engineering™
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 Support: 951-493-7100
 aFepower.com

BladeRunner® Intercooler Installation Instructions: 2003-2007 Dodge Ram Cummins L6-5.9L (td)

Part Number: 46-20011	Tools Required: 7/16" deep socket 13mm socket or wrench 10mm socket or wrench Torque wrench Ratchet w/ extension Steel wire	Parts list: 1 Intercooler 4 Screw, hex M8 x 1.25 x 12 4 Washer, lock M8 2 Coupler, silicone hump 4 Clamps, spring loaded T-bolt
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Step 1
Stock Intercooler. NOTE: Disconnect battery before install. Remove stock air box or intake system from vehicle for easier installation.



Step 2
 Remove plastic A/C line protector on passenger side. With 13mm socket or wrench loosen the 4 bolts holding in A/C condenser.



Step 3
 Rotate the A/C condenser up and out away from vehicle. Take care to prevent damage to A/C lines.



Step 4
 With A/C condenser turned 90 degrees, secure to the vehicles lifted hood using steel wire.



Step 5
 With 10mm socket or wrench remove the 2 top intercooler attachment bolts connected to upper radiator support.



Step 6
 With 10mm socket and extension loosen the two bolts holding in radiator on back of upper radiator support.



Step 7
 Loosen and remove the 4 bolts holding in upper radiator support using 13mm socket or wrench.



Step 8
 Remove the upper radiator support and set aside on top of fan shroud. Loosen clamps on intercooler tubes using 7/16" deep socket. Now remove stock intercooler and factory couplers/clamps out of vehicle. **Turn over to page 2** →



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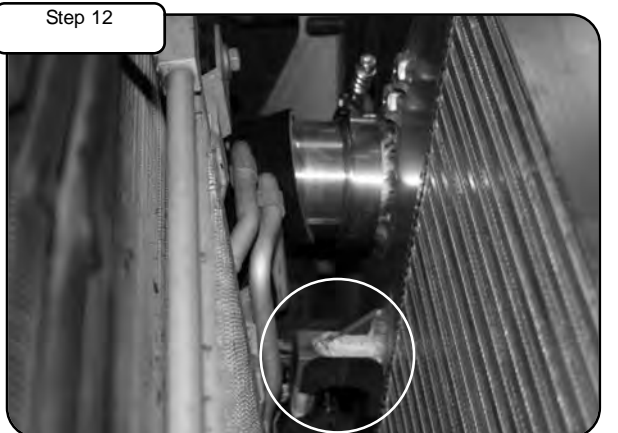
Remove the two upper-rubber isolators with spacers from stock intercooler and install to new BladeRunner® intercooler.



Remove the U-shaped rubber isolators from stock intercooler and install to new BladeRunner® intercooler.
NOTE: Tape isolators in place for easier installation.



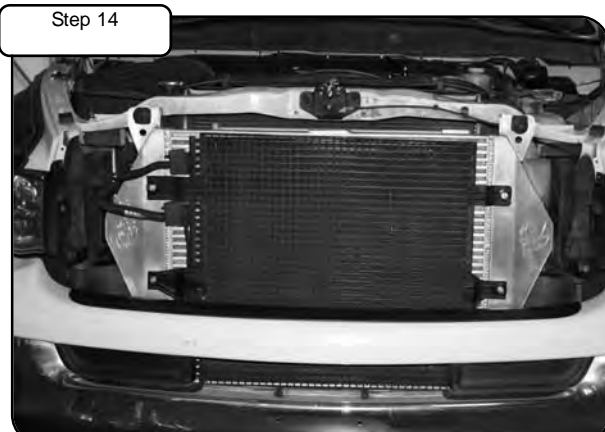
Install new silicone hump couplers and new clamps provided to intercooler tubes. Tighten and torque clamps on intercooler tubes to 5ft. lbs. Now install BladeRunner® intercooler into vehicle.



Position and make sure intercooler rubber U-shaped isolators sit square on cross beam and have not folded during installation.



INTERCOOLER MAY NEED ALIGNMENT, TIGHTEN WHEN IN CORRECT POSITION & PROPER CLEARANCE. Re-install Radiator support (See reverse steps 5 through 8). Tighten and torque all clamps to 5 ft. lbs. Re-install A/C condenser to new intercooler using new M8 screws and lock washers provided and tighten.



Re-install A/C line protector (Not shown for photo purposes). Re-install intake & reconnect battery. Your installation is now complete. Please check all screws and clamps periodically. Re-tighten if necessary. Thank you for choosing aFepower!

