Installation: '10-'12, Ram Winter Front

UNDERHOOD

Unlike the previous generation trucks, the Fourth Generation truck's grill will have to be removed to install the Condensor Guard and/or a Winter Front.

Therefore, we have included steps 1-4 and 7-11 of our "Quick Release Grill Kit" (QRGK) instructions to show you how to remove the grill to gain access to the condensor and radiator area. If you'll take a minute to read QRGK write-up we're confident that you'll want to incorporate the four clevis-type pins (four 1" length) that you can purchase at the hardware store or through Geno's Garage (the tethered pins are nice to have) and make your grill a QRGK.

Step 1:
Remove the four (4) plastic push pins that hold the "Heavy Duty" plastic cooling cowl in its place. You'll need to salvage two of the four plastic pins.

Step 2:
Lift the "Heavy Duty" plastic cooling cowl from the radiator core support and set it aside.

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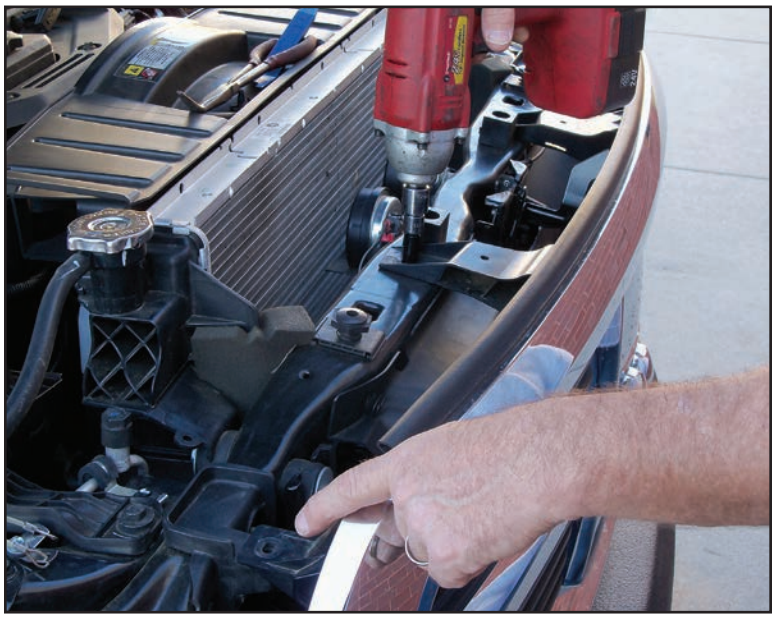
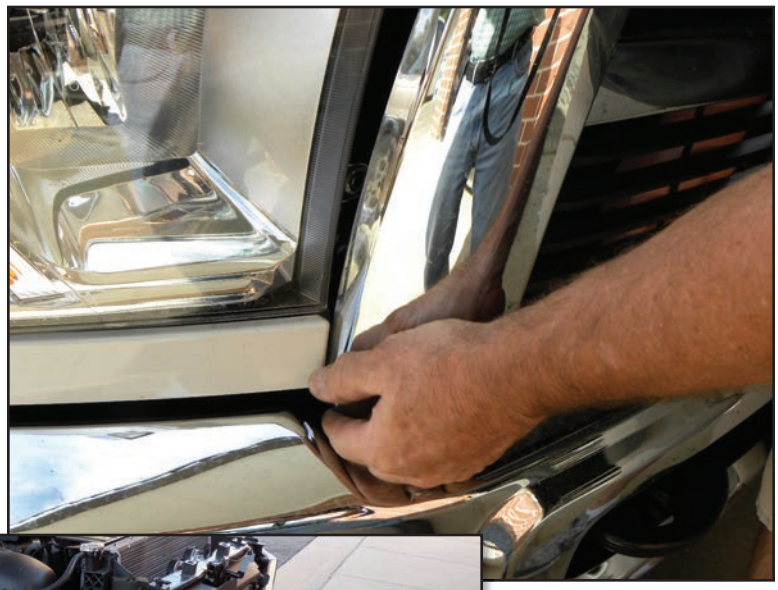


Step 3:
Remove the four (4) 10mm coarse threaded bolts that hold the grill in place.



Step 4:
The bottom of the grill is held in place with a metal clip on each side. Lift the grill 1/8" vertically and then pull the bottom of the grill out horizontally.

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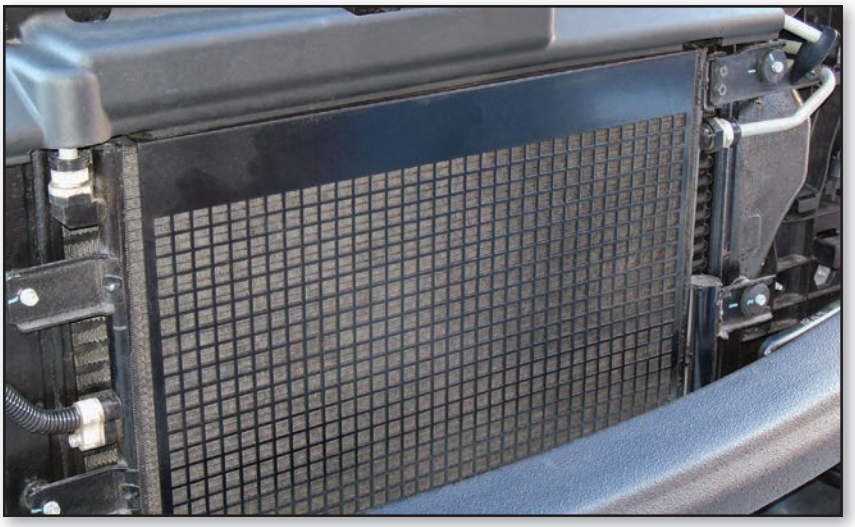
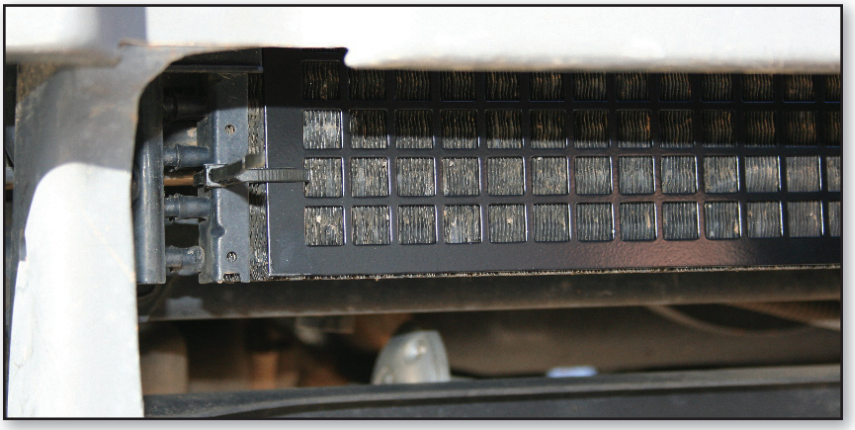


Step 5A - Condenser Guard (optional):
Once the grill is removed, the installation of a Condensor Guard is as simple as pulling slightly up on the air-conditioning line in order to slip the Condensor Guard over the top edge of the condensor. Then attach the guard at the bottom with the two nylon tie-wraps that we've provided with the kit.

TIP: Should you be making a trip to the hardware store for the aforementioned four clevis pins, don't forget to purchase some nylon window screen in the standard width of 24". Cut the screen and sandwich it between the condensor and the Condensor Guard to make periodic cleaning as easy as throwing away the bug-splattered nylon screen or pressure washing the nylon screen.



Step 5B Condenser Guard:
Using the provided zip ties, secure the bottom of the Condensor Guard to the condensor by sliding the zip tie through the condensor fins and the Condensor Guard as shown. The Condensor Guard is secured at both bottom corners. Do not use excessive force to pull the zip ties tight so that you do not damage the fins on the condensor.

Now, if you want to complete adding a Quick Release Grill Kit for the '10-'12 Ram, follow Steps 7-11. Otherwise, reinstall the grill and "Heavy Duty" cooling cowl and call it a completed project.

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Step 6 - Winter Front:
Once the grill is removed, the installation of the Winter Front is as simple as slipping the cover into place and putting the elastic/J-clips into place on the cowl of the the hood. Roll the bottom and top cover flaps down to fine-tune the cooling of the engine. To complete your installation go to Steps 7-11 to make the grill easy to remove from the truck.

GRILL MODIFICATIONS

Step 7:
Remove the two metal clips from the bottom of the grill. These clips will not be reused – it is okay to mangle and twist them during the removal process.

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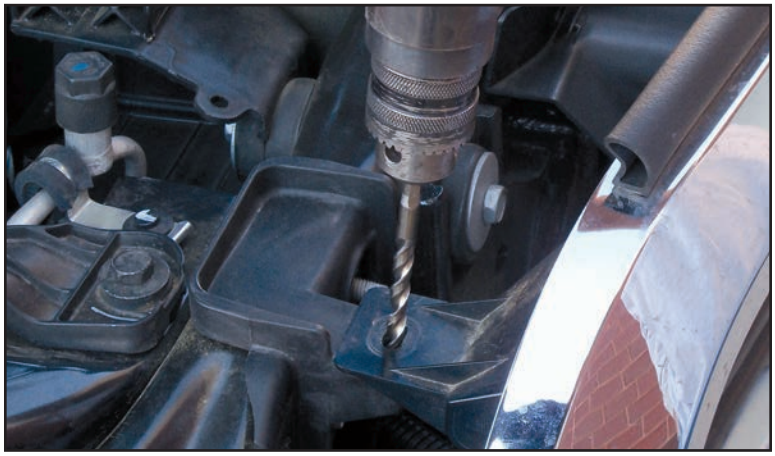
COWL MODIFICATIONS

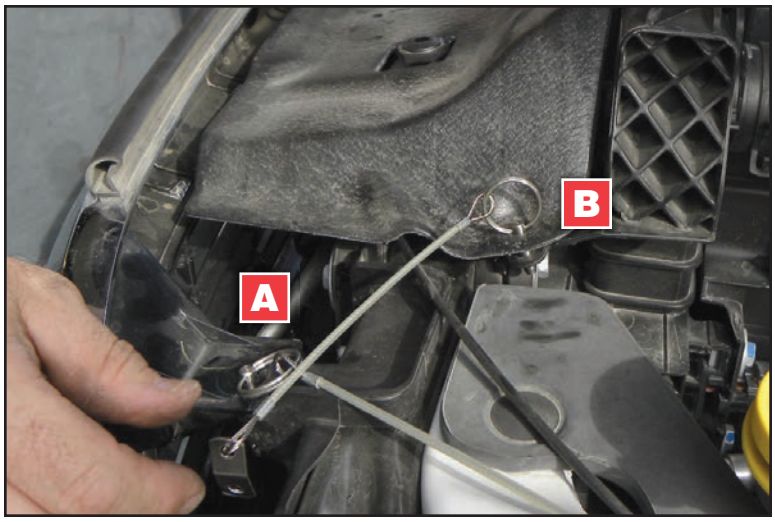
Step 8:
Reinstall the grill. With the grill loosely in place, using a 1/4" drill bit, drill out the two "outpost" holes in the grill as well as the plastic that is below the outpost holes. This is done because the size of the factory hole is slightly too small for the pins that will replace the original screws.



Step 9:
Reattach the plastic "Heavy Duty" cooling cowl with the two salvaged plastic push pins.

GRILL INSTALLATION

Step 10:
With the grill and "Heavy Duty" cowl assembly in position, drop the pins into the outpost holes (A) and into the cooling-cowl-to-the-radiator holes (B).



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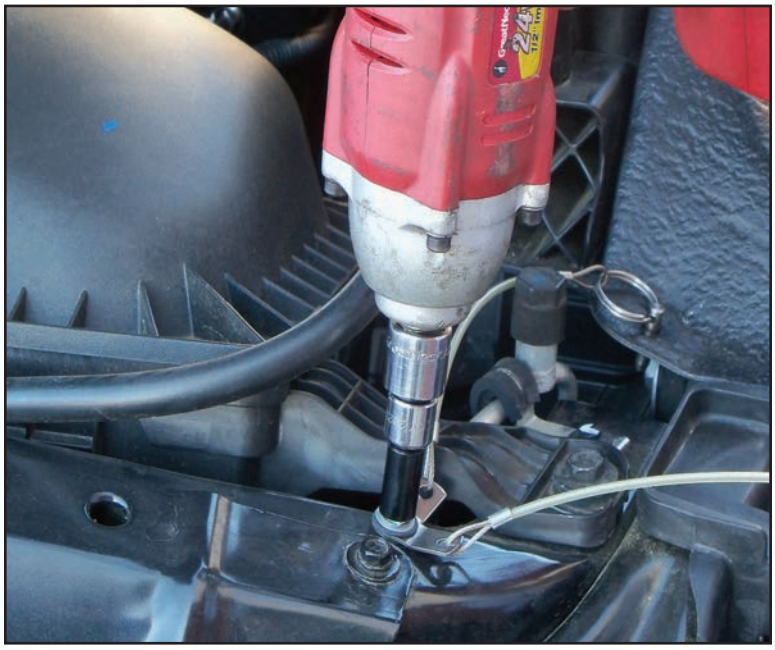

Step 11:
With a 5/16" socket and electric drill, drill the self-tapping 5/16" sheet metal screws through the pin hold-downs and into the truck's front quarterpanel sheetmetal.

A Word From the Turbo Diesel Register

We hope you find this idea to be valuable. If you haven't already, please consider the TDR as a great resource for all things Dodge/RAM Cummins Turbo Diesel. Their website address is www.tdr1.com and an annual subscription to the membership club is $35.00 per year. A great value. We couldn't do it without the support of their members.