

Installation of ATP Insulation Blankets for the Dodge Cummins

Congratulations on the purchase of your premium insulation system from Advanced Thermal Products, Inc. You will enjoy your Dodge Cummins diesel much more with the purchase of your insulation kit from ATP. Benefits include reduced noise and improved engine performance.

Required Tools

All efforts have been made to keep installation as trouble-free as possible. There are only three tools you will need – a pair of Needle Nose Pliers, Wrench and a Rubber Mallet. A second person is highly recommended but not necessary.

Step-By-Step Instructions:

Installation time is 2-4 hours, depending on how ‘handy’ you are. We recommend that you follow the installation instructions in the order you see below. We also suggest that you visit our online photo gallery at <http://www.atpwrap.com/albumframedodge.htm> before you begin. Online photos correlate directly with the instructions below:

Part #3: Outlet Elbow Exhaust

This piece is your tightest fit, which is why we have it listed as the first step. This piece covers the exhaust outlet elbow and a portion of the exhaust pipe.

***Part #3: Outlet Elbow Exhaust* (photos 1-3)**

Start at the engine compartment. You will need to feed the blanket down the exhaust, from the hot side of the Turbocharger.

***Part #3: Outlet Elbow Exhaust* (photos 4-5)**

It is very helpful, at this point, to have a second person to help ‘pull’ from the underside of your vehicle.

***Part #3: Outlet Elbow Exhaust* (photo 6)**

Pull blanket through until you’re one inch from turbocharger. Once in place, take the metal wire (provided) and lace tightly, using your needle-nose pliers.

***Part #4: Exhaust Blanket* (photo 7)**

Find the slit on piece #4 and line it up with the bracket (located between the doors, below the vehicle). Lace tightly, starting at bracket end.

***Part #2: Turbo/Manifold Blanket* (photos 8-9)**

Before installing Part #2, it will be necessary to temporarily remove the bolt to the right of the exhaust manifold. See photo #8 for exact location).

***Part #2 : Turbo/Manifold Blanket* (photos 10-12)**

Fold blanket and slide into place. Position blanket over hot side of turbocharger and manifold.

Part #2 : Turbo/Manifold Blanket (photo 13)

You will need to lace the turbocharger from the underside with metal wire. Replace Bolt. Be sure that oil line is not covered by blanket

Part #2 : Turbo/Manifold Blanket (photo 14-16)

Work springs through manifold openings and attach to metal disks on opposite side.

Part #1 – Valve Cover

You have another tight fit here. Start with the end opposite the cap cutout and fold, as shown in photo #17. (note, there is no valve cutout on 12 valve engines).

Part #1 – Valve Cover (photo #17-19)

Slide blanket into place and unfold

Part #1 – Valve Cover (photo#20)

Make sure hydraulic lines and oil-cap are positioned correctly with cutouts

Part #5 – Oil Pan Cover (photo #21-22)

Slide thin portion of oil pan cover through crossbars (which will support front portion of blanket). Position large portion directly over oil pan. Secure tightly with wire, laced to any convenient point above.

Part #0 – Hood Blanket (photos #23-24)

Remove original hood cover and clean metal surface thoroughly. We recommend using Simple Green®.

Part #0 – Hood Blanket (photo #25)

Line plastic pins (provided) through top holes in your new ATP hood cover

Part #0 – Hood Blanket (photos # 26-27)

Start in one corner and move across, pushing pins in with thumb

Part #0 – Hood Blanket (photo #28)

Work your way down until hood blanket is in place. Slight relocation of your hood lamp may be necessary for proper fit

Part #0 – Hood Blanket (photos #29-30)

Once blanket is lined up correctly, tighten plastic pins with a rubber mallet or other solid object.

Congratulations, You're Done!!!

- If you have any questions or require further assistance with installation, call 800.826.8417
- When cleaning your blankets, we recommend Simple Green®

We hope you enjoy your ATP insulation system.

Visit www.atpwrap.com for information on other Thermal and Acoustic products from Advanced Thermal Products, Inc.