



## INSTALLATION GUIDE FOR 98-99 3.4L 996 (Cable Throttle / Non E-Gas) PART #96074

Thank you for purchasing your new IPD intake plenum. Installing the IPD intake plenum is a relatively simple R & R (Remove & Reinstall) procedure. Recommended tools required for the installation include a 10mm socket to R & R the throttle body. 7mm socket or nut driver for hose clamps R & R. Long Hose pick (or long flathead screw driver) for positioning of rubber boots.

1. Remove rubber Air Inlet Tube that attaches air box to throttle body by loosening 3 visual hose clamps. Removal of air cleaner housing is optional but not required for plenum installation.
2. Remove throttle cable from connection at throttle plate actuator by turning the linkage and disconnecting the cable.
3. Disconnect throttle cable linkage by depressing the top and bottom of black plastic cable guide that is attached to the aluminum cable support bracket. Please note that the black plastic cable guide orientation prior to removal. This piece needs to angle the cable downward toward the throttle actuator upon reinstallation.
4. Remove throttle body by unscrewing four 10mm bolts, Plenum Support Bracket and disconnect idle control connector switch that points up and lay throttle body assembly to the left side inside the engine compartment with rubber hose still attached.
5. Disconnect plastic breather vent line (attached to the left side of the stock plenum) by squeezing the ribbed plastic clamp and pulling.
6. Loosen hose clamps around the rubber boots that connect intake plenum to intake manifold. Make sure to loosen clamps as much as possible.
7. To remove factory plenum slide the rubber boots onto the intake manifold as far as possible with a long flat head screw driver or hose pick. Then angle factory plenum and remove. This procedure may require some physical effort to accomplish.
8. Insert IPD plenum in between rubber boots. This may also require some physical effort. Use the hose pick and/or flat head screw driver to help facilitate installation without damaging boots.
9. Once the plenum is positioned in between the left and right intakes, carefully slide rubber boots onto the plenum one at a time using a hose pick or flat head screw driver to correctly position the rubber boots until they become seated inside the groove of the plenum and intake manifold.
10. Position and tighten hose clamps on the rubber boots where they attach to the plenum first so you can position the plenum properly. Be sure to not over tighten clamps if using a ratchet.

11. After the rubber boots are correctly attached to the plenum then center the plenum left to right by looking with a flash light inside the plenum to gauge and match the gaps in between the intake manifold and plenum on both sides.

12. Now angle the plenum into position. The plenum should be almost horizontal/flat. To achieve the proper angle screw a throttle body bolt through the plenum support bracket that attaches to the power steering pump housing and into the plenum until bolt is stable. This will provide the perfect orientation of the plenum.

13. Once correctly aligned, securely tighten the clamps that attach the rubber boot to the intake manifold.

14. With the new IPD plenum installed reverse the installation procedure by reattaching plastic ribbed breather line, throttle body and air inlet boot.

It will take approximately 5 to 50 miles for the DME/ECU to recognize the increased air flow and make the necessary adaptation corrections complete. Thank you once again for your purchase of the IPD intake plenum.

Thank you very much for all your IPD Plenum interest and support. We hope you are very satisfied and enjoy your Plenum as much as all the other satisfied IPD customers.



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