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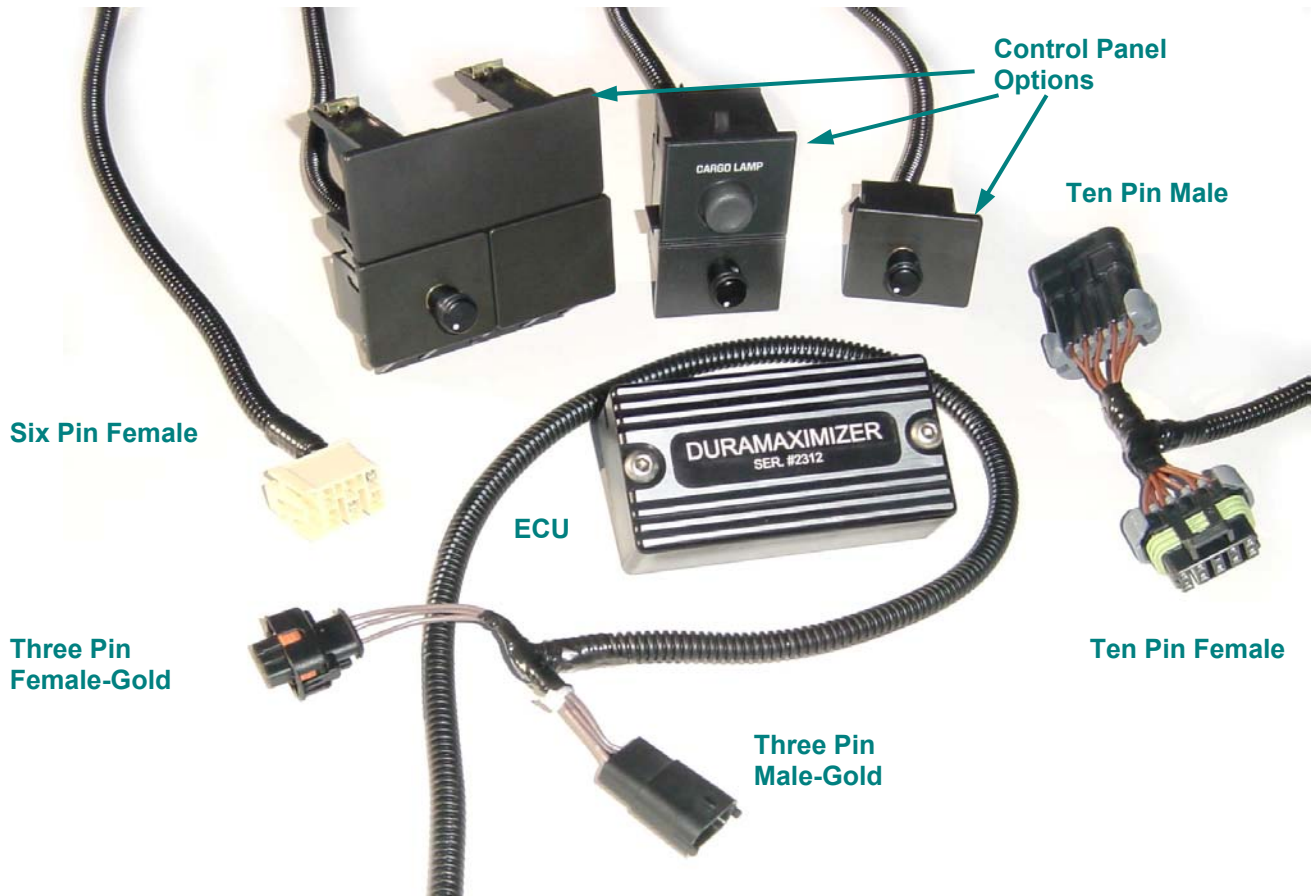
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DURAMAXIMIZER™

Power by KOMAROMI™

Install Guide

Parts Identification





DISCLAIMER OF LIABILITY

This is a performance product which increases horsepower above and beyond factory specifications. As a result, more horsepower creates more stress on the drivetrain components, which could result in drivetrain failure. This product is intended for off-road use only. Use at your own risk.

This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the Buyer has read and understands this agreement and accepts the terms and conditions.

Pacific Performance Engineering Inc., its distributors, employees, and dealers (the "Seller") shall not be responsible for the product's proper use and service. **The buyer hereby waives all liability claims.**

The Buyer hereby acknowledges no reliance on the Seller's skill or judgment to select or furnish goods suitable for any particular purpose and that there are no liabilities which extend beyond the description on the face hereof, and the Buyer hereby waives all remedies or liabilities expressed or implied, arising by law or otherwise (including without any obligation of the Seller with respect to fitness, merchantability and consequential damages), or whether or not occasioned by the Seller's negligence.

The Seller disclaims any warranty and expressly disclaims any liability for personal injury or damages. The Buyer acknowledges and agrees that the disclaimer of any liability for personal injury is a material term for this agreement and the Buyer agrees to indemnify the Seller and to hold the Seller harmless from any claim related to the item of equipment purchased. Under no circumstances will the Seller be liable for any damages or expenses by reason of use or sale of any such equipment.

The Seller assumes no liability regarding the improper installation or misapplication of its products. It is the installer's responsibility to check for proper installation and if in doubt contact the manufacturer.

The Buyer is solely responsible for all warranty issues from the manufacturer.

LIMITATION OF WARRANTY

The Seller gives Limited Warranty as to description, quality, merchantability, and fitness for a particular purpose, productiveness, or any other matter of Seller's product sold herewith. The Seller shall not be responsible for the products proper use and service and the Buyer hereby waives all rights other than those expressly written herein. This warranty shall not be extended, altered or varied except by a written instrument signed by Seller and Buyer.

The Warranty is limited to two (2) years from the date of sale and limited solely to the parts contained within the products kit. All products that are in question of Warranty must be returned prepaid to the Seller and must be accompanied by a dated proof of purchase receipt. All Warranty claims are subject to approval by Seller.

Under no circumstances will the Seller be liable for any labor charged or travel time incurred in diagnosis for defects, removal, or reinstallation of this product or any other contingent expenses.

Under no circumstances will the Seller be liable for any damage or expenses incurred by reason of the use or sale of any such equipment.

In the event that the buyer does not agree with this agreement: the buyer may promptly return this product, in a new and unused condition in its original packaging, with a dated proof of purchase to the place of purchase within ten (10) days from date of purchase for a full refund.

The installation of this product indicates that the buyer has read and understands this agreement and accepts its terms and conditions.

Proceed only after reading and agreeing to the disclaimer.

Do not start engine or turn ignition to run position with gm connectors disconnected. Otherwise, the service engine light will turn on. This is not a problem, however should be avoided if possible -- the service engine light will reset after a few engine run cycles, as long as all connections are completed.



3. Trucks with fog lamps: Pull top out first, then bottom. This panel is retained by clips only.



1. Shift to first gear, tilt steering column down. Remove panel w/outward motion. Watch hazard switch.



4. Trucks with fog lamps: Remove the two screws holding the a/c control panel to route the wires.



2. Trucks with fog lamps: Remove panel/pocket on right side of dash.



5. Trucks with fog lamps: Route wire harness downward at end of second square opening. Assemble Dash, shift into P, and do not turn the key until complete.



6. Trucks without Fog Lamps: Unlatch the retaining tab of the cargo lamp unit at the bottom first, then at the top, and remove.



9. 2001 models: remove cover retaining bolt, or push forward on cover to release from rubber grommet.



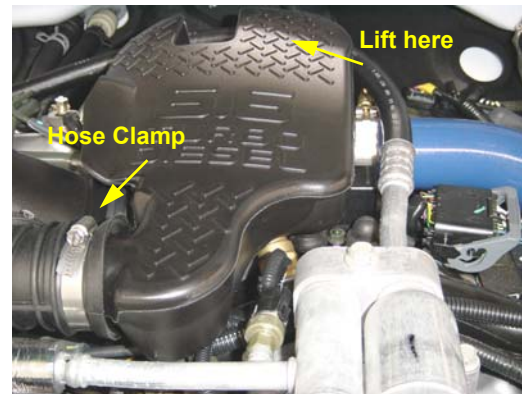
7. Feed wires into dash, re-attach connector, and snap power controller unit in dash. Assemble clasp, shift into P, and do not turn key on until complete.



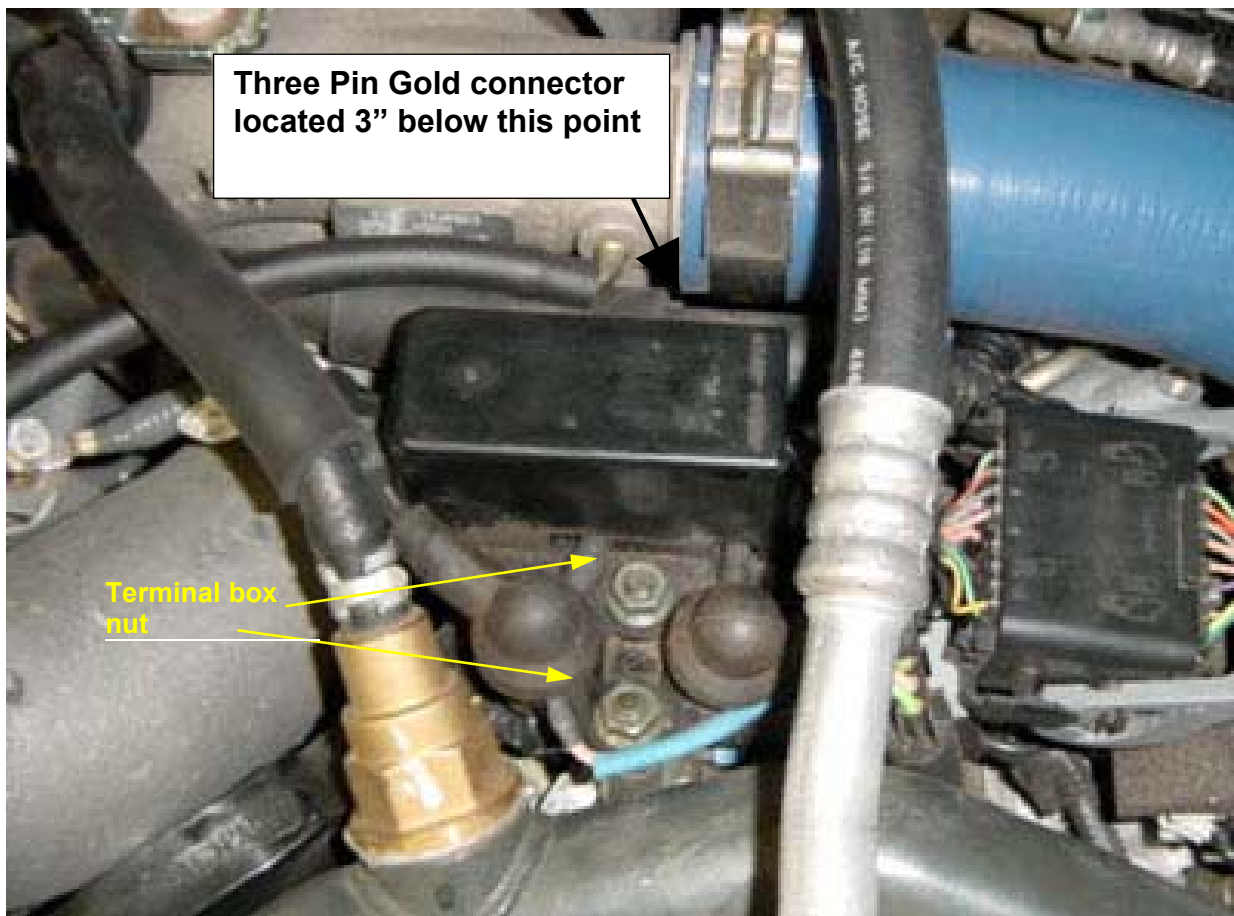
10. 2001 models: lift front part of cover to open.



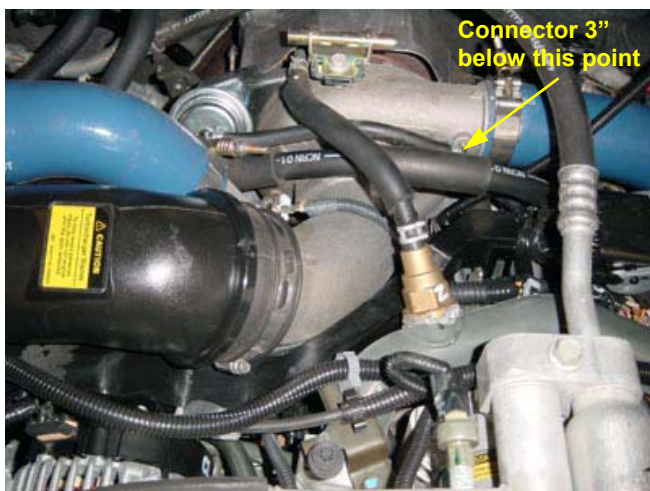
8. 2001 models: remove the 6.6 Turbo Diesel cover.



11. 2002 models: lift from rear, loosen hose clamp from front of cover.



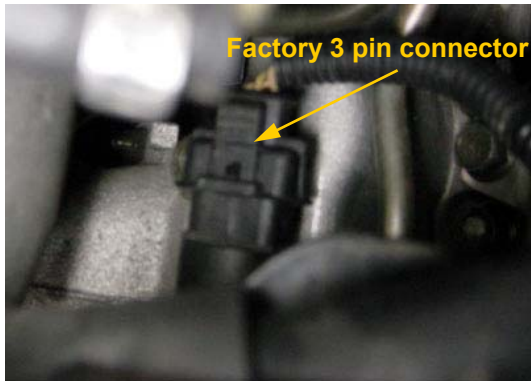
The three pin connector in step 15 is located 3 inches below the location shown in above picture. Remove nuts holding terminal box in place. Loosen electrical terminal nut on left. Use 12mm socket.



Another type of engine layout, without the black junction box.



14. Loosen clamp and remove blue hose with 11mm wrench or socket after taking note of spring tension with a tape measure (for later re-assembly).

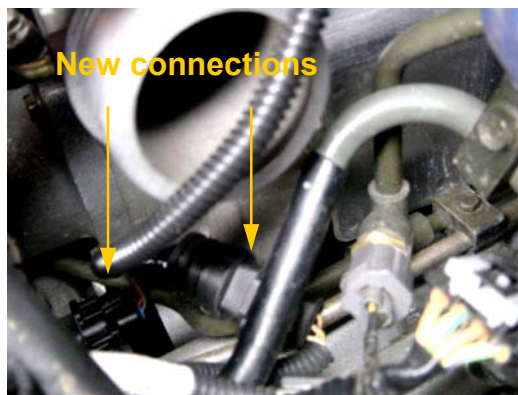


15. Remove the factory 3 pin connector (located on figure 12, about 6 inches under terminal box). Push down on the rear of the release tab to unlatch.

**Note: Disassembly of more parts may occur if the connector is faced incorrectly.*



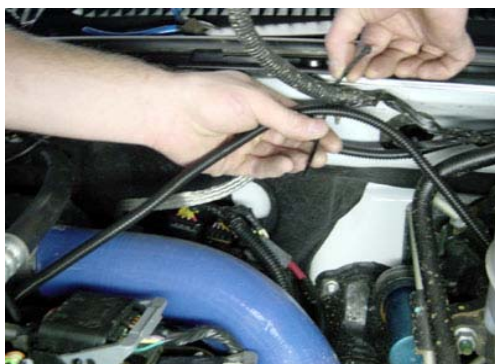
18. Unscrew the connector nut located on the **driver's side** firewall. Pull outward while unscrewing.



16. Connect the three pin male and female in between the factory connectors. Location: directly viewing engine from outside in front of the vehicle, then it would be on the right hand side (**driver's side**).



19. Squeeze the middle of the white retainer to remove. Detach connector.



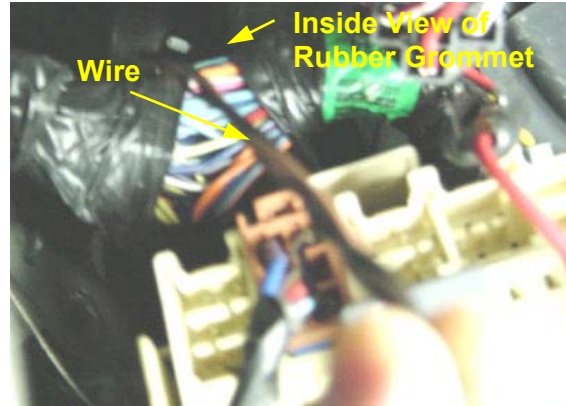
17. Route the cable away from hot engine parts. Secure the cable with a plastic tie.



20. Connect the ten pin male and female in between the factory connectors.



21. Mount the new arrangement.



24. Pull the wire through from the inside grommet under the dash.



22. Slice an opening in the rubber grommet (both inner and outer) to allow wires to pass through. Be careful not to cut into existing wires.



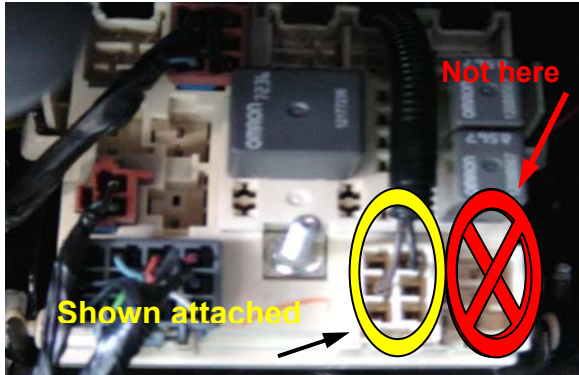
25. Seal grommet opening around wires with the provided 3M tar.



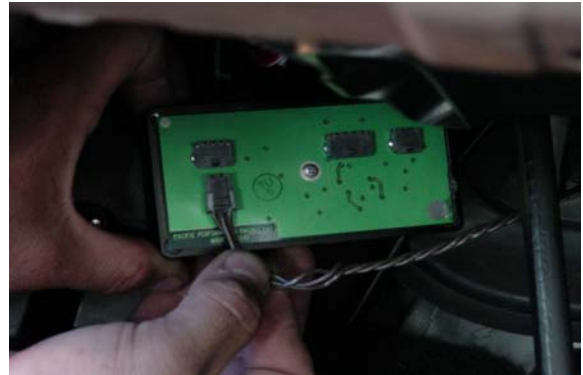
23. Tape the wire pairs one after another onto a coat hanger to protect the connectors from being pulled off the wire. Pass through the grommet to follow the existing wire bundle. The wires should be able to pass easily.



26. Remove the junction box cover located to the left of brake pedal, under the dash.



27. Plug in the six pin female to the left available socket location just to the right of the stud, shown. **Note this is only for 2001 to 2002 vehicle models**



29. Connect all three mini gold plugs to the back of the ECU.



28. **For 2003 & 2004** the six pin female socket is located on the top two sockets from the right. The image above shows the gray socket inserted in the proper location.



30. Mount the ECU under the dash to main GM harness behind aluminum support bracket with plastic tie straps.

Operation Guide



- Knob turned completely counter-clockwise = factory stock setting.
- Knob turned completely clockwise = up to 100 additional HP.
- Or, knob can be set anywhere in between factory and maximum power setting.
- Knob can be turned while driving as needed to adjust for road conditions.

