Duramaximizer

Installation Guide
DISCLAIMER OF LIABILITY
*Note: LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR HIGHWAY OR OFF-ROAD USE.*

This agreement sets forth the terms and conditions for the use of this product. The installation of this product indicates that the Buyer as 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 this product’s improper 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 implies, arising by law or otherwise (including without any obligation of the Seller with respect to fitness, merchantability and consequent damages), or whether or not occasioned by 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 for any claim related to the item for 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 varies except by written instrument signed by Seller and Buyer.

The Warranty is limited to one (1) year 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 by liable for any labor charge 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 indicated that the Buyer has read and understands this agreement and accepts its terms and conditions.
Proceed only after reading and agreeing to disclaimer.

Do not start the engine or turn the ignition to the run position with the 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.

1. Shift into the first gear, tilt the steering column down. Remove panel with outward motion. Watch the hazards switch.
2. For trucks with fog lamps, remove the panel/pocket on the right side of the dash.

3. For trucks with fog lamps pull the top out first, then the bottom. This panel is retained by clips only.

4. For trucks with fog lamps remove the two screws holding the A/C control panel to route the wires.
5. For trucks with fog lamps route the wire harness downward at end of second square opening. Assemble Dash, shift into P, and do not turn the key until complete.

6. For trucks without Fog Lamps un latch the retaining tab of the cargo lamp until at the bottom first, then at the top, and remove.
7. Feed wires into the dash, re-attach connector, and snap power controller until in dash. Assemble the clasp, shift into P, and do not turn the key on until complete.

8. For 2001 models remove the 6.6 Turbo Diesel cover.
9. For 2001 models remove the cover retaining bolt, or push forward on the cover to release from rubber grommet.

10. For 2001 models lift the front part of the cover open.
11. For 2002 models lift from the rear, loosen the hose clamp from the front of the cover.
12. The three pin connector in step 15 is located 3 inches below the location shown in above picture. Remove nuts holding the terminal box in place. Loosen electrical terminal nut on the left. Use a 12mm socket.
13. Another type of engine layout, without the black junction box.

14. Loosen the clamp and remove the blue hose with an 11mm wrench or socket after taking note of the spring tension with a tape measure (for later re-assembly).
15. Remove the factory 3 pin connector (located in above picture, 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.

16. Connect the three pin male and female in between the factory connectors. The location is on the driver’s side.
17. Route the cable away from hot engine parts. Secure the cable with a plastic tie.

18. Unscrew the connector located on the driver’s side firewall. Pull outward while unscrewing.

19. Squeeze the middle of the white retainer to remove. Detach connector.
20. Connect the ten pin male and female in between the factory connectors.

21. Mount the new arrangement.

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.
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.

24. Pull the wire through from the inside grommet under the dash.
25. Seal grommet opening around wires with the provided 3M sealant.

26. Remove the junction box cover located to the left of the 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 & 2002 vehicle models.

28. For 2003 & 2004 the six pin female socket is located on the top two sockets from the right. The image shows the grey socket inserted in the proper location.
29. Connect all three mini gold plugs to the back of the ECU.

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