



INSTALLATION
GUIDE

Driving Performance. Innovating Solutions.

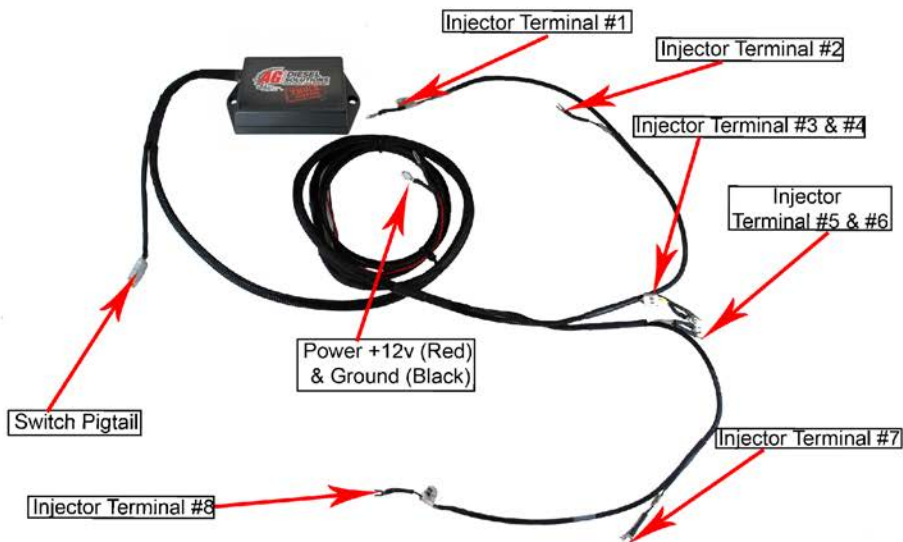
30100 MODULE

1997-2006
12.0L MACK ENGINES

TRUCK
EDITION



30100 Module



Module will default to HIGH setting if switch is not connected.

Switch Positions:

- *STOCK**
- *LOW, up to 10% HP**
- *MEDIUM, up to 20% HP**
- *HIGH, up to 30% HP**



**Module switch can be ran inside the cab for easy performance adjustment.
or the Module switch can be secured in engine bay if desired.**

DISCLAIMER

NOT FOR USE IN CALIFORNIA

MODULE DOES NOT BYPASS, DELETE, OR DEFEAT ANY EMISSIONS CONTROL SYSTEMS
If installation assistance is needed, PSI Power is not responsible for any cost associated with third party installation.

TECH SUPPORT
(812) 618-9168



Step 1) Remove the 2 Mack Engine Covers located on the passenger's side of engine below the turbocharger.



Step 2) Locate the 6 Unit Injectors, labeled below. (shown from a Top View)

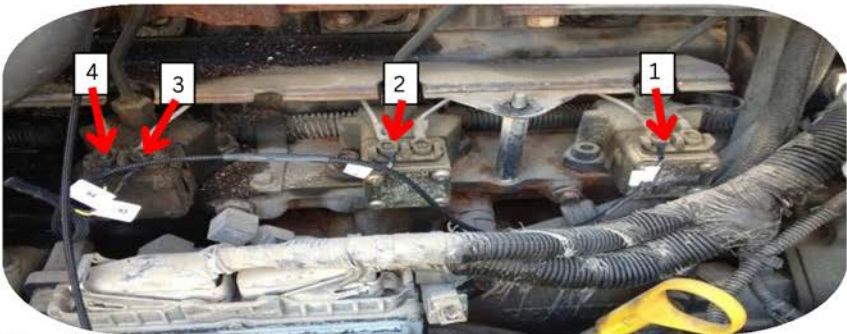
Note: Unit Injector #6 is not shown below. It is located to the left of the #5 injector.



Step 3) Route the module harness wiring in order from 1-8, as shown below. The #1 tag will start at the Unit Injector closest to the engine fan.



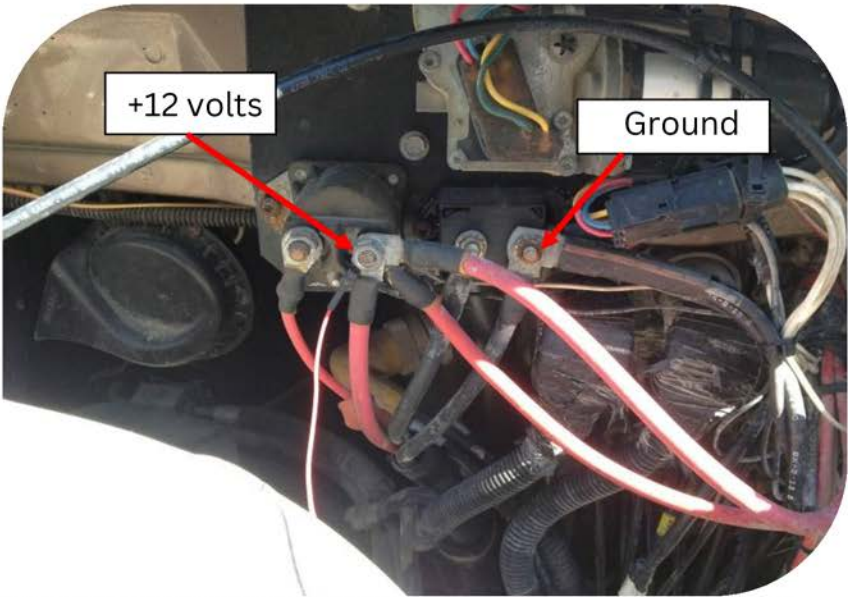
Step 4) Next, you will need a voltmeter to test each of the Unit Injectors for the proper connection. Set the voltmeter to DC voltage. Start the engine and test each of the Unit Injectors by placing the positive meter lead on 1 terminal and the negative meter lead on the other terminal of the same Unit Injector as shown in the picture below. With the meter showing a Positive voltage reading, the wiring labeled 1, 2, 4, 5, 7 and 8 will connect to the corresponding terminal that the negative lead from the voltmeter is on. Test each one of the Unit Injectors for proper continuity.



Step 5) You will need either a 3/16" or 5mm wrench to loosen the electrical connectors on the Unit Injectors. Only 1 wire will need to be connected to each of the first 2 Unit Injectors. Connect wiring labeled 1, 2 and 4 to the correct terminal as tested in Step 4 using a voltmeter. The third Unit Injector will require 2 wires to be connected (labeled #3 and #4). The connector labeled #3 will connect to the terminal on the Unit Injector that the positive lead from the voltmeter was placed. The connector labeled #4 will connect to the terminal that the negative lead from the voltmeter was placed. Route the new wiring behind any existing stock wiring. This is to prevent damage when reinstalling the Mack Engine Covers. ****Both pictures are examples of how the wiring will connect if the terminal on the left of the Unit Injector was tested with the negative lead from the voltmeter, as shown in Step 4.**



Step 6) Continue routing the wiring toward the transmission-side of the engine. The connectors labeled 5, 7 and 8 will connect to the terminal on the Unit Injector that the negative lead from the voltmeter was placed. The connector labeled #6 will connect to the terminal that the positive lead from the voltmeter was placed. Only one wire will connect to each of the last 2 Unit Injectors. (Shown looking from the engine fan back toward transmission)



Step 7) Route the power and ground wires to the alternator or another source. Connect the red wire to constant +12 volts and the black wire to Ground.



Step 8) Reinstall the stock Mack Covers over the Unit Injectors.

THIS IS A HIGH PERFORMANCE PRODUCT. USE AT YOUR OWN RISK.

Do not use this product until you have carefully read the following agreement. This 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 its terms and conditions

DISCLAIMER OF WARRANTY AND LIMITATION OF LIABILITY

PSI Power, Inc and its successors, distributors, jobbers, and dealers (hereafter "SELLER") shall in no way be responsible for the product's proper use and service. It is the installer's responsibility to check for proper installation and if in doubt, contact the manufacturer. The SELLER assumes no liability regarding the improper installation or misapplication of its products. BUYER ACKNOWLEDGES IT HAS HAD THE OPPORTUNITY TO FULLY INSPECT THE PRODUCT. ACCORDINGLY, BUYER ACKNOWLEDGES THAT THE PRODUCT IS BEING SOLD IN "AS IS/WHERE IS" CONDITION AND WITH ALL FAULTS. EXCEPT AS OTHERWISE PROVIDED HEREIN, THERE ARE NO EXPRESS WARRANTIES WITH RESPECT TO THE GOODS, AND ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY ARE LIKEWISE HEREBY EXPRESSLY AND FULLY DISCLAIMED. SELLER SHALL NOT BE HELD LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE WITH RESPECT TO THE PRODUCTS (INCLUDING, WITHOUT LIMITATION, LOST PROFITS, LOST SALES, LOSS OF PRODUCTION, PROPERTY DAMAGE, PERSONAL INJURY OR LOSS OR DAMAGE RESULTING FROM INTERRUPTION OR FAILURE IN OPERATION OF THE PRODUCTS) AND BUYER HEREBY EXPRESSLY WAIVES AND DISCLAIMS ALL SUCH LIABILITY CLAIMS. THE BUYER ACKNOWLEDGES AND AGREES THAT THE DISCLAIMER OF LIABILITY CONTAINED HEREIN IS A MATERIAL TERM OF THE SALE OF THE PRODUCT AND, TO THE FULLEST EXTENT PERMITTED BY LAW, BUYER SHALL DEFEND, INDEMNIFY AND HOLD SELLER HARMLESS FROM ANY AND ALL CLAIMS, DEMANDS, CAUSES OF ACTION, CONTROVERSIES, LIABILITIES, FINES, LOSSES, COSTS AND EXPENSES (INCLUDING, BUT NOT LIMITED TO ATTORNEY'S FEES, EXPERT WITNESS EXPENSES AND LITIGATION EXPENSES) ARISING FROM OR RELATED TO SELLER'S PRODUCTS.

LIMITED 3 YEAR WARRANTY

PSI Power, INC. (hereafter SELLER) warrants that the product supplied shall conform to SELLER's specifications and shall be free from defects in design, material or workmanship for 3 years to the original BUYER. This warranty shall not be extended, transferred, assigned or varied except by a written instrument signed by SELLER and BUYER. Products that have been returned to SELLER during the warranty period and accompanied by a dated proof of purchase receipt, **with shipping and handling paid by the BUYER**, and found to be defective in design, material, or workmanship, in SELLER's sole discretion, may be repaired or replaced at SELLER's option and cost. All warranty claims hereunder are subject to approval by SELLER upon examination of the product. If the product is found not to be defective by SELLER, the product may be returned to BUYER at BUYER'S cost. Under no circumstances shall 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 expenses. This warranty is void on any products that show evidence of misapplication, negligence, improper installation, abuse, lack of proper maintenance or alteration from its original design. 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 THE ORIGINAL PACKAGING, WITH A DATED PROOF OF PURCHASE, TO THE PLACE OF PURCHASE WITHIN (30) DAYS FROM THE 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.**

TERMS AND CONDITIONS Effective 11/1/2022

