

# **Transmission Oil Thermal Bypass Valve**

(125065000)

## ***Installation Guide***

## **DISCLAIMER OF LIABILITY**

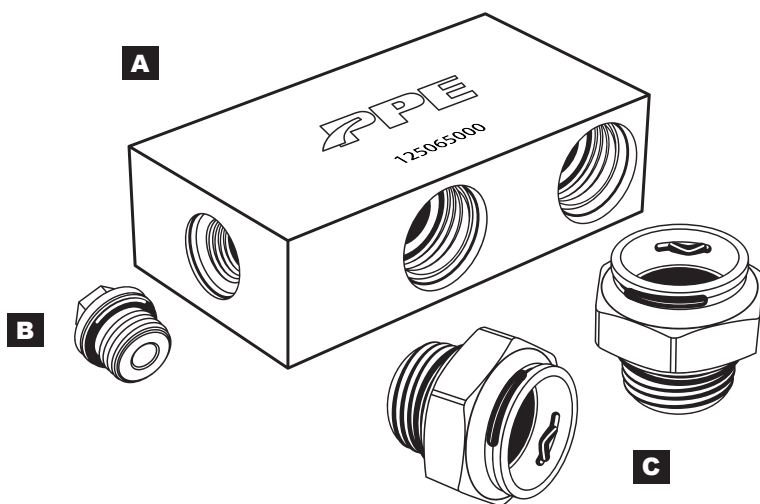
Performance products can increase horsepower above and beyond factory specifications. Additional horsepower creates more stress on the drive-train components, which could result in drive-train failure.

Note regarding emissions-related, non-E.O.-legal products: THESE PRODUCTS ARE LEGAL IN CALIFORNIA ONLY FOR RACING VEHICLES THAT MAY NEVER BE USED, OR REGISTERED OR LICENSED FOR HIGHWAY OR OFF-ROAD USE.

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## **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 on PPE Manifolds and Up-Pipes Kits, OEM-Length Up-Pipes is three (3) years, a limited lifetime warranty on PPE cast aluminum pans and covers, and a limited lifetime warranty on PPE Transmission Coolers and one (1) year limited warranty on all other PPE products from the date of sale to original buyer 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 re-installation - 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.



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*A: Thermal Bypass Valve (1)*

*B: Neodymium Magnet-Equipped Inspection Plug  
with O-ring (1)*

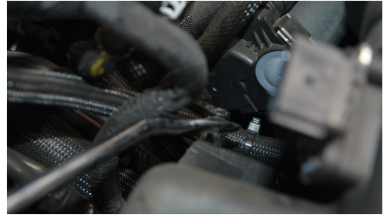
*C: Transmission line fittings and clips (2)*

***Engine off and cool.***

1. *Disconnect MAF (Mass Air Flow sensor).*



2. *Disconnect fastener on the back side of the air box housing.*



3. *Loosen clamp securing air filter box.*



4. *Remove air filter box.*



5. *Remove base bracket support for air box.*



6. Remove lower support bracket.



7. Disconnect the fluid lines from the stock bypass block.  
*TIP: Put a towel under the lines before disconnecting to absorb fluid spill.*
8. Remove bolt from behind the stock bypass block using a 10mm wrench.
9. Remove stock thermal bypass valve.

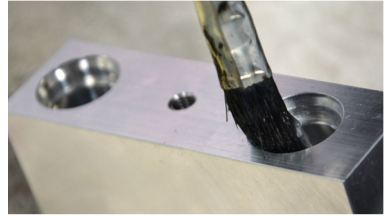


## Installation

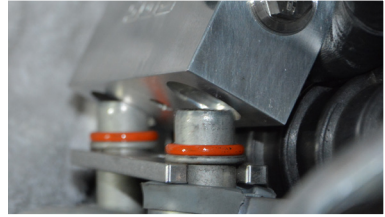
1. Brush on transmission fluid or silicone sealant on fitting threads.
2. Tighten fittings using a 1 1/4" wrench to compress seals.
3. Lubricate threads, install and tighten to compress seal on Neodymium Magnet-Equipped Inspection Plug using a 10mm wrench.  
*Check this periodically for debris. Clean as needed.*



4. *Lubricate intake and return surfaces.*



5. *Install PPE Thermal Bypass Valve, securing the lines firmly.*



6. *Install bolt on the back of the PPE Thermal Bypass Valve and tighten to secure.*



7. *Install clips on the fittings.*



8. *Snap lines into place.*



9. *Slip plastic retainers over fittings.*

10. Reinstall remaining retaining clips on intake and outlet connectors. Check that they are engaged and secure.



11. Reinstall lower bracket.



12. Reinstall air filter support bracket base.



13. Reinstall air box and tighten to secure. Reconnect MAF and air box housing fastener.



Top off fluid as needed.  
Start engine. Check for leaks.

Installation complete.



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