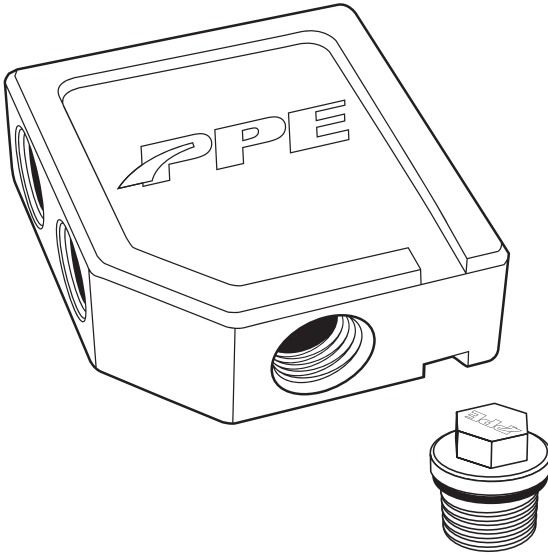




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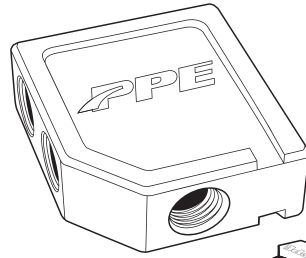
# **Transmission Fluid Thermal Bypass Valve**

(225065400)

## ***Installation Guide***



**A**



## CONTENTS:

**A** (1) Transmission Fluid Thermal Bypass Valve

**B**



**B** (1) Neodymium Magnet-Equipped Service Plug (installed)

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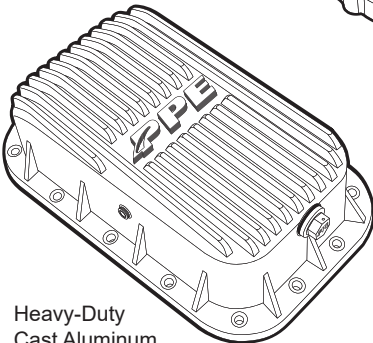
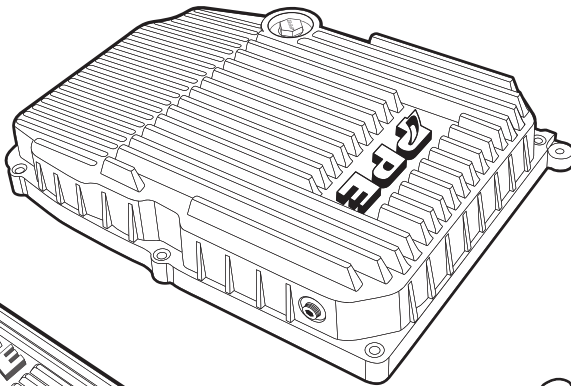
## COMPLETE YOUR BUILD

*PPE has more upgrades for your JK including a Heavy-Duty Cast Aluminum Engine Oil Pan, a Heavy-Duty Cast Aluminum Transmission Pan and Cast Nodular Iron Differential Covers.*

*Upgrade performance, looks and strength with these easy installs.*

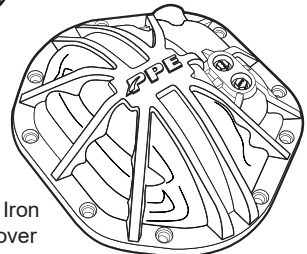
*All PPE cast products come with a limited lifetime warranty.*

Heavy-Duty  
Cast Aluminum  
Transmission Pan  
- 228053500



Heavy-Duty  
Cast Aluminum  
Engine Oil Pan  
- 214054000

Cast Nodular Iron  
Differential Cover  
- Dana 44 - Jeep  
Wrangler (JK)  
- 238053120



## INSTALLATION:

Step 1. Engine off and cool. Vehicle secure.

Step 2. Locate stock bypass valve located alongside the transmission (passenger side).

Use a pan to catch fluid when lines are disconnected.

Step 3. Unscrew factory hard lines. Temporarily wrap factory lines to absorb fluid. Disconnect and remove the stock valve. **(Fig-1)**



Step 4. Install factory transmission lines into the new PPE Trans Bypass Valve **(A)**. Tighten to secure.

Step 5. Tighten PPE Service Plug **(B)**.

**Fig.1**

Step 6. Top off with recommended fluid if necessary.

Step 7. Start engine.

With vehicle secure, apply parking brake and brake pedal. Shift vehicle into Reverse, Neutral, Drive, and back to Park.

Check for leaks.

Installation complete.



**Recommended:**  
Service Plug inspection and cleaning every 5,000-10,000 miles.

With the engine off, remove the Service Plug and inspect for fine metallic debris on the magnet surface. Wipe clean and reinstall. Torque to 12-15 ft lbs.

**NOTE:** Large debris may indicate a need for transmission repair.

## **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.

Limited lifetime warranty on all PPE cast aluminum products, and PPE Transmission Coolers. Three (3) year limited warranty on PPE Manifolds and Up-Pipes Kits, and OEM-Length Up-Pipes. 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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