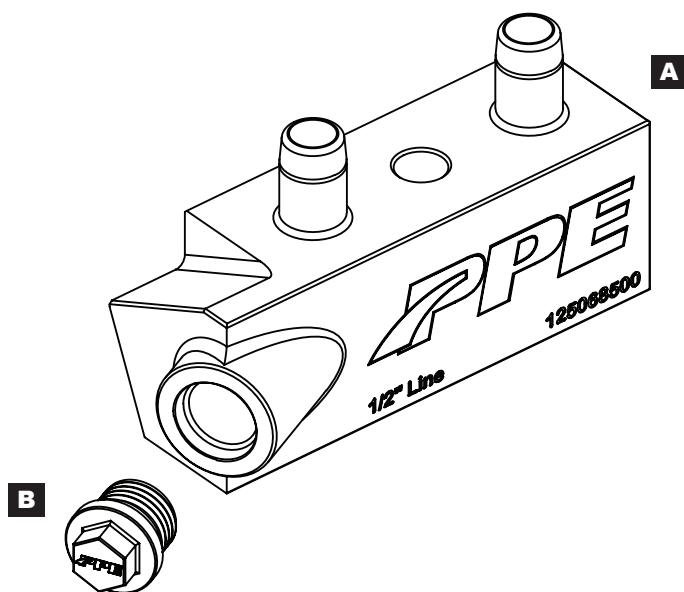


# **Transmission Fluid Thermal Bypass Valve**

***GM 6L80/6L90 with 1/2" Lines***

***(125068500)***

## **Installation Guide**



## CONTENTS:

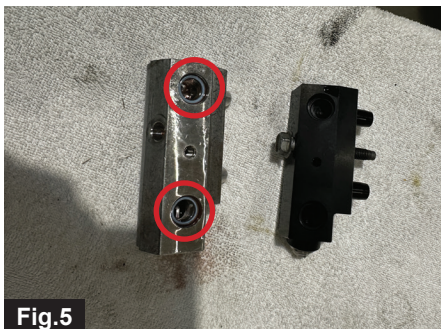
- A (1) Transmission Fluid Thermal Bypass Valve
- B (1) Service plug with Neodymium magnet (Installed)

## INSTALLATION:

1. Ensure the vehicle is off and cool.
2. Unbolt factory bypass valve. **(Fig. 1)**
3. On the passenger side, loosen the bolt securing the transmission line support bracket. **(Fig. 2)**
4. Unbolt the factory hard line coupler then disconnect the transmission lines. **(Fig. 3 & 4)**



5. Swap over the factory O-rings from the factory bypass valve to the PPE Transmission Fluid Thermal Bypass Valve **(A)**. **(Fig. 5)**



6. Install the PPE Transmission Fluid Thermal Bypass Valve **(A)** onto the transmission. Reinstall the factory transmission lines, hard line coupler, and bolt. **(Fig. 6 & 7)**



7. Tighten Service Plug to 12-15 lb-ft.
8. Top off fluid if needed. Start engine and check for leaks

**Installation Complete**

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**Recommended:**



Service Plug inspection and cleaning every 10,000 miles

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## 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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**⚠ CA WARNING:** Handling passenger or off-highway motor vehicle parts can expose you to chemicals such as phalates and lead, which can cause cancer and reproductive harm. To minimize exposure, service the vehicle in a well-ventilated area, wear gloves, and wash your hands. For more information see [www.P65Warnings.ca.gov/motor-vehicle-parts](http://www.P65Warnings.ca.gov/motor-vehicle-parts).

