



## GEN 3 DOMINATOR® TPS KIT P/N 534-214

### *INSTALLATION INSTRUCTIONS*

#### **INTRODUCTION:**

Congratulations on your purchase of a Carbureted TPS kit. Holley Performance Products has written this manual for the installation of the TPS kit. **This TPS kit is designed to be used on GEN 3 ULTRA DOMINATOR® Holley carburetors. It is intended to be used for data acquisition or for use with a computer-controlled transmission. Please refer to the instructions for your data acquisition or transmission control module for wiring and voltage information.** Please read all **WARNINGS** and **NOTES**. They contain valuable information that can save you time and money. If you need assistance, please do not return the unit to the store without first contacting Holley technical service at 1-270-781-9741. Please have the part number on hand of the product you purchased when you call technical service.

**WARNING!** To preserve the warranty, instructions must be read and followed thoroughly and completely, before and during installation.

**NOTE:** Holley Performance Products cannot and will not be responsible for any alleged or actual engine, transmission, or other damage or conditions resulting from misapplication of the TPS kit described.

**NOTE:** Prior to and after installing your new TPS kit, manually operate the throttle lever to check for binding or sticking issues.



**Kit Contents**

## INSTALLATION:

1. Install the Throttle Position Sensor to the carburetor using the supplied screws and flat washers. The TPS is designed so that it can be adjusted to obtain the proper voltage needed for the application it is being utilized for (**Figure 1**).

**NOTE:** Prior to and after installing your new TPS kit, manually operate the throttle lever to check for binding or other sticking issues.

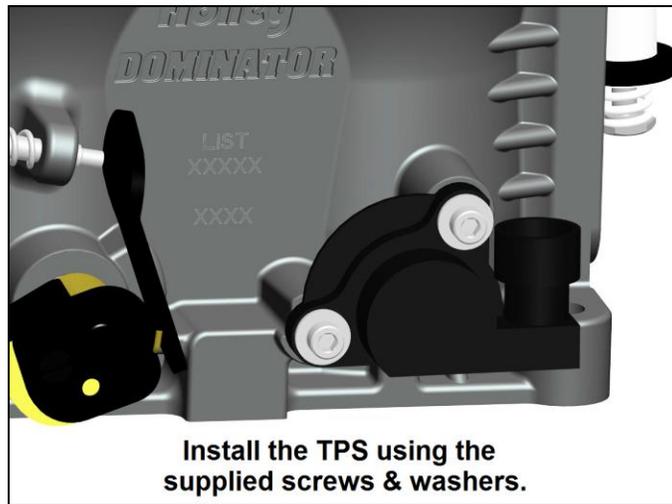


Figure 1

2. A TPS connector with pigtail is included in the kit. **Figure 2** shows the pin out for the Throttle Position Sensor. The wire colors on the connector with pigtail are as follows:
  - Blue = Output Wire
  - Black = Ground
  - Grey = +5 Volt Reference

**IMPORTANT:** This TPS kit is intended to be used with data acquisition or for use with a computer-controlled transmission. Please refer to the instructions for your data acquisition or transmission control module for wiring and voltage output information.

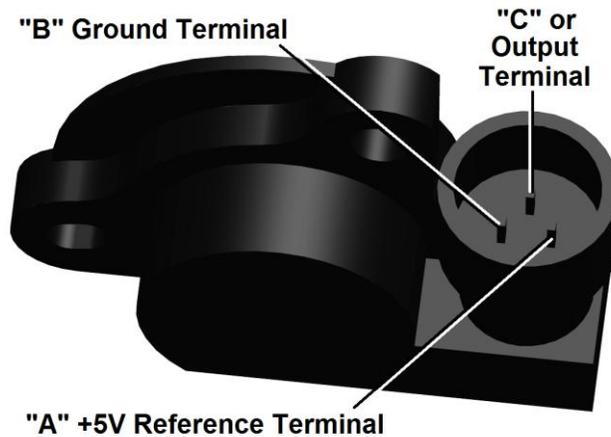


Figure 2

Holley Technical Support: 1-866-464-6553

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