

Wide Open Throttle Screw (WOTS)

AOD SPT1, SPT-R, and SPT-MAC of all designs include a Wide Open Throttle Screw (WOTS) that allows fine tuning of shift points at heavy throttle. This screw has been pre-adjusted at SPT's discretion regarding your application and info you provided.

Post install adjustments can be made.

For each ½ turn you can adjust the shift point 100 RPM.

Clockwise (in) for higher shift points and counterclockwise (out) for lower. This adjustment will not affect firmness.

Before adjusting the WOTS utilize the TV adjustment to fine tune shift points.

The WOTS is capable of adjusting the shift point in a range of +800 and -200 RPM from base line adjustment. Some adjustment has been taken already. The governor installed in your transmission will determine the base shift point which the WOTS will modify. Your choice of governor will not affect VB function or shift firmness – only shift rpm.

Example: If your wide open shift point is @ 5400 RPM, 2 complete turns in will raise your WOT shift point to roughly 5800 RPM.

Never over tighten the screw past “bottomed”. Just before the screw bottoms out the WOTS will be adjust to a constant open state where shift pressures are no longer limited and will produce very high shift points and possible NO UPSHIFT situation could occur at WOT. If you reach this point, adjust the WOTS back until the condition disappears.

Contact SPT about upgrading your governor if TV cable and WOTS adjustments do not accomplish your desired WOT shift RPM.

WARNING: The WOTS system is under spring tension and if backed past the -1 turn from base line could result in plug ejection.

The WOTS is located on the passenger side just under the test ports.

