

# Expedition

## 2024 Polaris Expedition models

The Expedition is a popular versatile vehicle that we are getting plenty of request about clutch kits. For this vehicle we receive a **significant amount of calls regarding (complaining)** about **“too high RPM during slow to midrange cruising”**

Some, who see similar “clutches on the vehicle” as other models, seem to assume that a kit for other models may be appropriate, however that is not the case. Clutch calibration does this, it controls “rate of shift of the belt” for BOTH upshift and back shifting.

CVT clutch calibration is always EXACTLY case specific for each application, ...and clutches, gearing, static and rotating weight, etc all are part of that equation for proper clutch calibration.

Many seem quick to assume that it is improper clutching from factory.

The issue in our opinion, is that the final drive gearing is too low for the cruise RPM they expect for their use, and not a clutch calibration issue. We feel the gearing is too low ratio for what most people buying it are doing based on the number of complaints.

Make no mistake, you “can” lower the cruise RPM with clutching. It would require what is in our opinion very poor clutching by using weights that are too heavy, flimsy softer clutch springs, etc. You can indeed lower that RPM, however, the side effect of that poor calibration that upshifts the belt too quickly, is that it would fail to back shift the belt properly when the vehicle senses load from hills, soft terrain, etc...and thus overheat belts prematurely.

We will not be doing anything further regarding this model.

Thank you for inquiring with us.