



TECHNICAL BULLETIN*

Thank you for your purchase of RIPP Superchargers products - RIPP Superchargers is committed to providing the best experience from start to finish with all of our products.

This bulletin is in regards to a 2018+ Jeep Wrangler JL/ Gladiator & 2016+ Grand Cherokee/Durango and RAM equipped with the new generation Pentastar 3.6 or more commonly known as the PSU engine. RIPP has accumulated more testing miles than all of our competitors combined and accrued useful information to stabilize the program in regards to engine oil. It has been our experience that the PSU engine is sensitive to the engine oil grade selection and oil change intervals suggested by the manufacturer. Additionally PSU equipped vehicles, in our opinion should all be considered as outlined in the FCA provided manual used under "severe duty operation" like supercharging and towing. **We have monitored engine oil temps, pressures, consumption, blow-by and oil change intervals and determined that following the manufacturers' recommendations is not advisable. Please refrain from using engine oil labeled Dexos1 Gen2 or Gen3 specifications as these oils have proven to break down drastically in the PSU engine and we've found more blow-by caught in our catch can system when in use. In summation please change the oil grade from 0W20 to 5W40.**

Technical bulletin summation oil use:

- Do not use 0w20 grade engine oil under any circumstance.
- Only use 5w40 Grade engine oil.
- No Dexos1 GEN2 or GEN3 Blended oil.
- No FRAM oil filters as they have been known to be too restrictive.
- Double check the oil filter part number before installing. Incorrect aftermarket oil filters can be installed by mistake.

*Examples of engine oils nationally available in 5w40 grade:

- Castrol EDGE 5W40
- Liqui Moly Leichtlauf High Tech 5W40
- Lucas SYNTHETIC 5W40
- Mobil 1 5W40
- Motul 8100 X-cess 5W40

*Examples Oil Filter brands we have positive experience with:

- K&N Oil filter
- Purolator
- WIX

***Change engine oil every 3000 miles:**

- When changing oil please use 6 quarts of oil not 5
- Disregard the oil change interval notification system on your vehicle's dashboard. These notifications measure in % value of oil and miles driven. Could be inaccurate or prolong a much needed service.
- The use of a filtered and quality Catch Can System is highly recommended in all PSU engines especially boosted applications driven in dust and idling for long periods of time.
- Please refer to the FCA provided service manual for your PSU powered vehicle and refer to the Severe-Duty/Heavy Duty/Towing portion of the manual with regard to oil change intervals.

*RIPP Supercharges does not express or imply that the use of these products or follows these procedures enables or suggests it assumes any responsibility for any subsequent mechanical issues the end user may be subjected to. This document is informational and actions taken thereto are at the owners or technicians discretion and/or responsibility.