

SVT-Lightning Assembly & Tuning Notes

Stage 8

Stage 8 Porting is supplied with a plenum gasket. It's important to use the same thickness gasket under front plenum mounting holes.

Clean your aftercooler thoroughly. It's best to use a 160* thermostat or delete.

Recommended to replace after cooler pump – GT500 is a good choice

Run a K&N valve cover breather (PT# K&N 62-1495)

Lightning trucks respond to larger throttle body. A good choice would be an LFP single blade or 65mm BBK. We modify both of these for an added increase of 25 RWHP. The BBK needs a plenum port match. (option cost: \$195.00)

Run a 50-50 coolant mix in system – water cools best.

HI Flo CATS or CAT delete should be considered on boost levels above 14# boost.
If you're running CATS, a 3" is preferred.

For 93 octane, run 17* timing – NGK TR6 spark plug. 030 gap
19* timing + octane boost

For racing, add Lucas Octane Boost 16 oz for $\frac{1}{2}$ tank. Towing with a high boost setup should be done *very* carefully. Recommend a boost level for towing, 12#s max. 450 RWHP and 525 RWTQ is the max recommended for OEM head bolts.
Higher levels require ARP headsets.

DO NOT let truck shift into overdrive when boost is climbing. Roll out of throttle left, overdrive engage, then accelerate.

OEM Belt – Inner K080991; Outer K080660
2.4 pulley belt size – K080653
2.93+ 4# Lower – K080680; 6# Lower – K080685

Dynatec makes the best exhaust system -1 $\frac{3}{4}$ long tube kit; run octane boost when racing; AFCO double row cooler is good.

Any questions? Call 636-949-2275 (Shop) ----- (636) 734 5703 (Cell)