

Camaro LT4 TVS2650 Supercharger Features

12 Jul 2022

- Direct replacement upgrade for the factory LT4 TVS1740 supercharger unit.
- Supercharger manifold incorporates independent input drive assembly and throttle body housings allowing flexible throttle body applications without the need to replace the drive assembly. The supercharger is supplied with an adaptor that accepts factory LT4 ETC.
- Utilizing the factory water to air intercooler system, the Harrop LT4 TVS2650 manifold assembly includes upgraded intercooler cores which are 2.5 times larger than the factory LT4 cores (refer table below). To further enhance the factory intercooler system the kit includes a billet reservoir and associated high flow 22mm molded hoses for cooling efficiency.
- Optional Harrop manufactured manifold thermal insulators available at time of purchase (these will reduce hood clearances and in some instances may cause a foul condition).
- The OEM fuel line is re-routed and retained.
- A relocation bracket is supplied for the factory by-pass boost control solenoid valve.
- The supercharger has been designed with the throttle body position close to OEM enabling the standard clean air intake tube to be retained and allow fitment of most aftermarket cold air intake systems.
- Various 8PK Supercharger Drive pulley's available at time of purchase. Refer table below.

8PK Pulley Options

PULLEY P/No.	DESCRIPTION	BELT P/No.
99-PLY11582	Pulley, Supercharger, 8PK, Ø70.0 OD, 19.63 Offset	65-8PK2145
99-PLY11583	Pulley, Supercharger, 8PK, Ø75.0 OD, 19.63 Offset	65-8PK2145
99-PLY11584	Pulley, Supercharger, 8PK, Ø80.0 OD, 19.63 Offset	65-8PK2145
99-PLY11585	Pulley, Supercharger, 8PK, Ø85.0 OD, 19.63 Offset	65-8PK2170

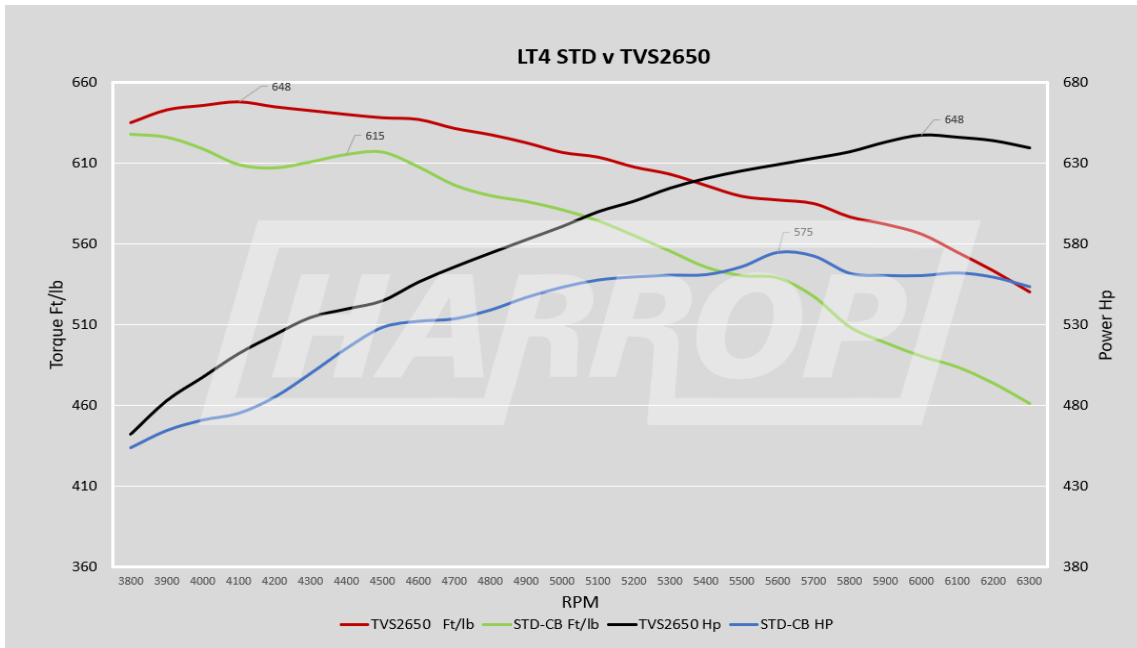
Intercooler Core Comparison

INTERCOOLER CORE	LENGTH (mm/inch)	WIDTH (mm/inch)	THICKNESS (mm/inch)	CUBIC (Cm/inch)	EXTRA CORE VOLUME
LT4 Factory	331mm (13.03")	60mm (2.36")	43mm (1.69")	854cc(52ci)	-
Harrop TVS2650	327mm (12.8")	91mm (3.58")	73mm (2.87")	2172cc(132ci)	2.5x (253%)

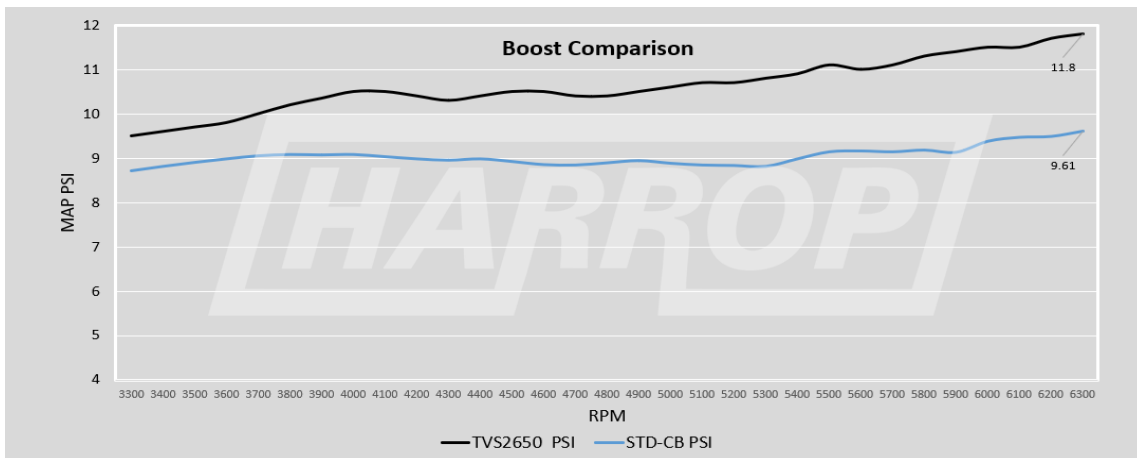


Power and Torque Comparison

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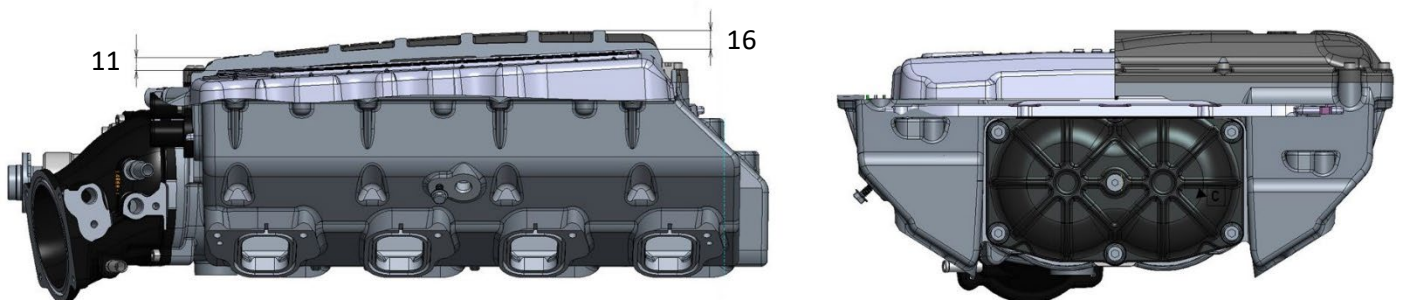
Boost comparison



*Data Correction: 3.29 SAE J607 (20.7°C, 1002mBrA, 44%), Fuel 98 RON (93AKI)

*Vehicle upgrades included 1-7/8" headers, hi-flow cats and 3" cat-back, above results achieved with 85mm supercharger drive pulley.

LT4 OEM tall lid vs. Harrop TVS2650



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