

Tech Guide

Suzuki Jimny JB74 TVS900 Supercharger

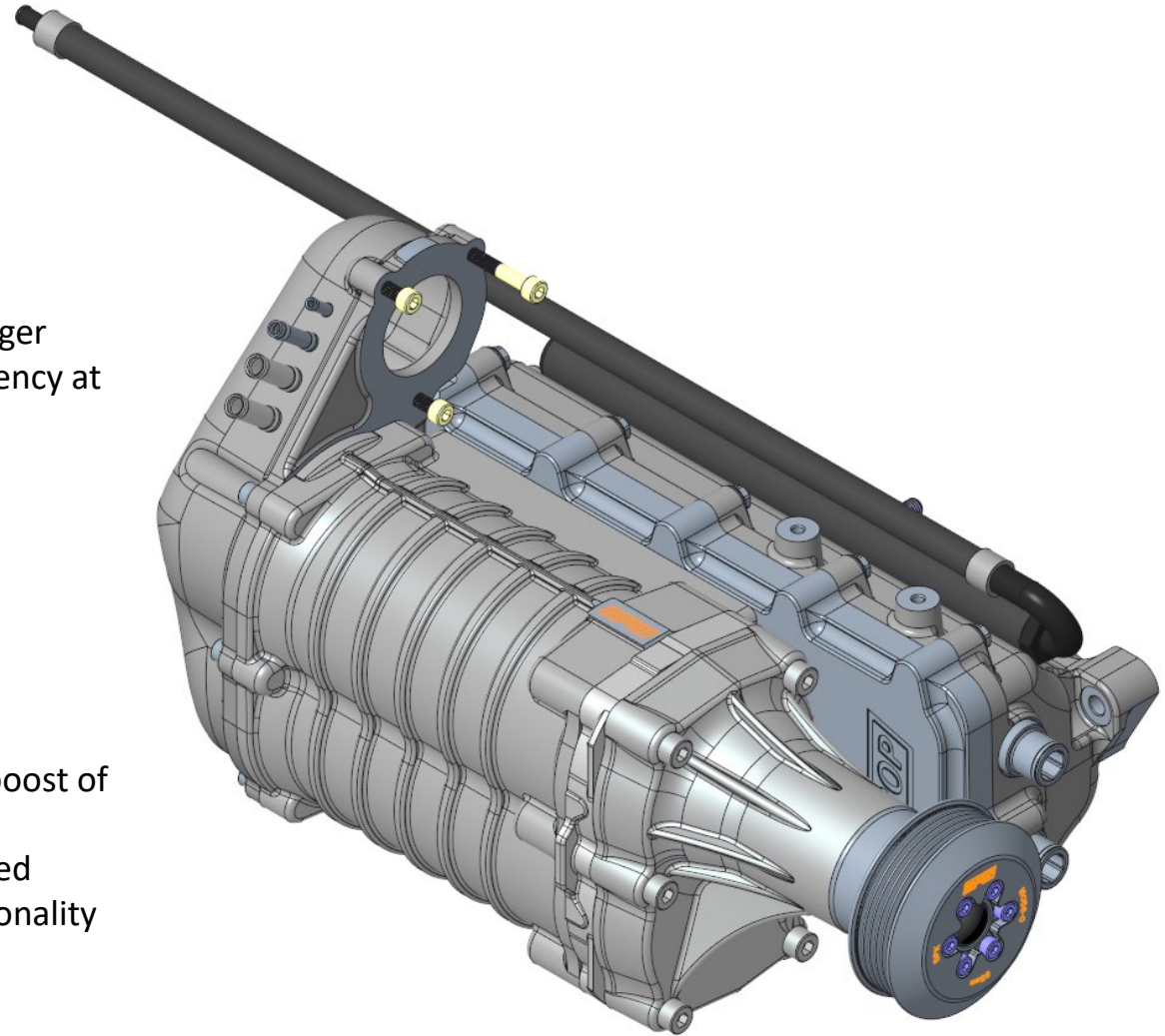


Harrop Engineering develops and manufactures premium supercharger kits for customers globally. Since 1955 Harrop have successfully designed and manufactured components for OEM's, Motorsport Teams, Car Builders and Enthusiasts. Harrop Engineering Australia and USA is certified to ISO 9001 standards with superior quality, performance and vehicle integration the foundation of Harrop Performance Products.



Key features

- Increase peak power by up to 59%
- Increase peak torque by up to 42%
- OEM plus appearance and packaging
- Complete vehicle kit for installation
- No other modifications required
- High efficiency TVS900 rear inlet supercharger
- Bypass valve integrated for increased efficiency at low engine loads
- Dual pass intercooler core
- Large low temp intercooler radiator
- Custom carbon fibre 2-piece airbox
- Retains standard air filter element
- 2.5" airbox inlet allows easily adaption to aftermarket snorkels
- Replacement high flow Denso injectors
- 85mm supercharger pulley achieves peak boost of over 9 PSI
- ECU removal, unlock & recalibration required
- Vehicle retains all OEM body control functionality

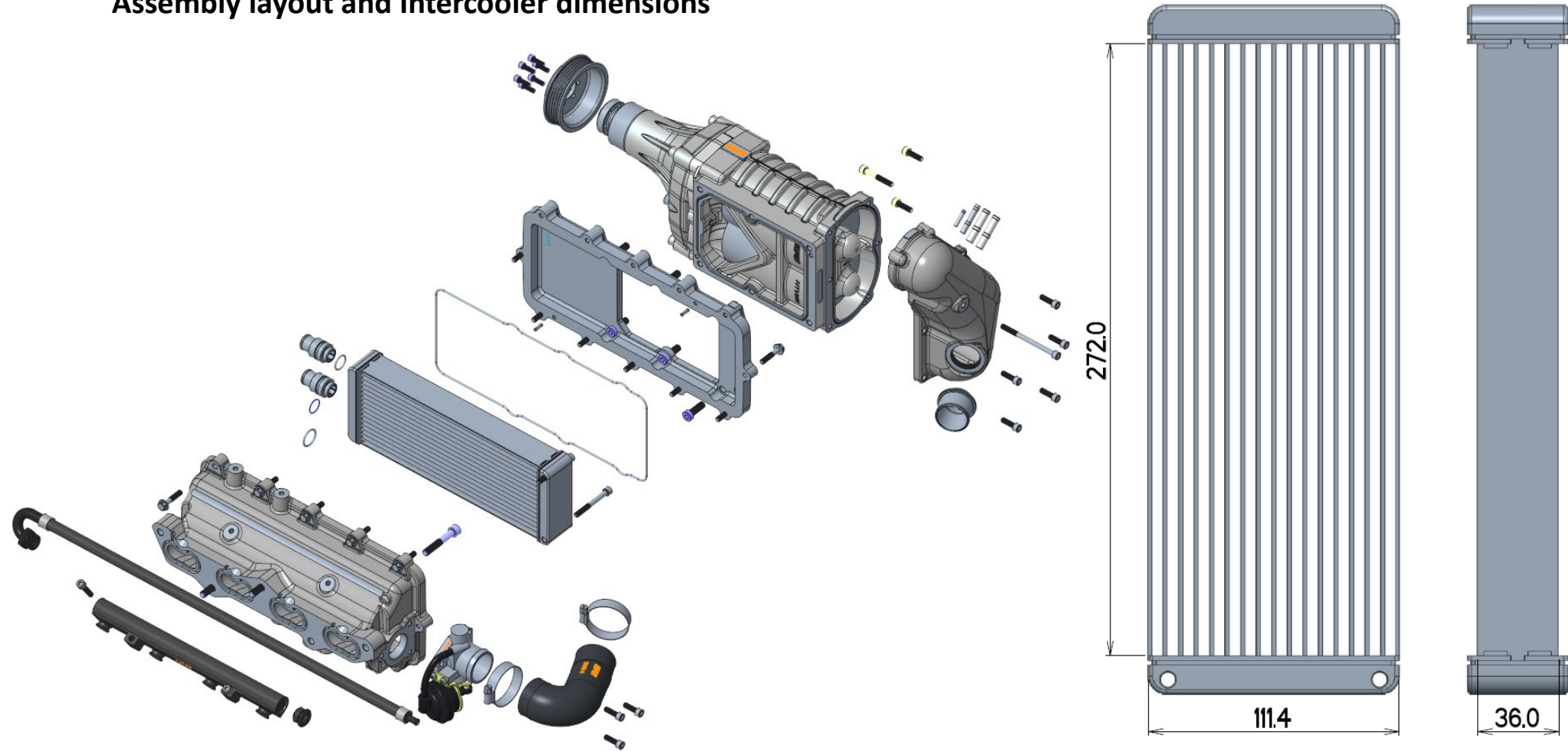


Tech Guide

Suzuki Jimny JB74 TVS900 Supercharger



Assembly layout and Intercooler dimensions



Performance Comparisons

Vehicle	Intake	Peak power	Peak torque	Peak boost
Standard 3 door Jimny (auto)	Stock	63 kW (85 hp)	107 Nm (79 lb ft)	NA
Supercharged 3 door Jimny (auto)	Stock	100 kW (134 hp)	149 Nm (110 lb ft)	~65 kPa (9.4 PSI)
Supercharged 5 door XL Jimny (auto)	Snorkel	106kW (142 hp)	168 Nm (124 lb ft)	~65 kPa (9.4 PSI)

Measured on the Harrop Mainline ProHub dynamometer on 98 RON fuel at 22-26°C ambient temp
Visit HarropTV to watch the Harrop Supercharged Suzuki Jimny JB74 - [link](#)