



## 1.8L Supercharger Owners Information Sheet

### Please Read

#### Fuel

Use only 91 octane (or better) unleaded fuel.

Due to the increased fuel flow requirements caused by the supercharger, it is not recommended that the vehicle be driven at wide-open throttle while the low fuel-warning lamp is illuminated. When fuel levels are low and under wide-open throttle acceleration, the fuel in the tank will “slosh around” and cause the fuel pump to pick-up air, which can cause premature pump failure.

#### Cold Air Intakes

Do not use any aftermarket “Cold Air Intake” kits with the TRD Supercharger. The OE Air Filter Housing and the OE Mass Air Flow sensor are critical for the correct Air/Fuel ratio calibration with the TRD Supercharger. The use of any aftermarket “Cold Air Intake” kits will void the TRD Supercharger warranty and also the vehicle powertrain warranty.

#### Coolant Thermostat

When the supercharger kit was installed, it utilized a 160°F (71°C) thermostat that replaced the factory 180°F (82°C) thermostat. The TRD ECU’s calibration is based on the addition of the supercharger and the installation of this 160°F (71°C) thermostat. These thermostats are specifically made for TRD, and at the current time, are only available through your local Toyota dealer. The use of a factory 180°F (82°C) thermostat on a vehicle equipped with a TRD ECU and supercharger will result in poor performance.

#### Spark Plugs

Due to the increased engine loads delivered by the supercharger, it is recommended that the spark plugs be changed to 1 heat range colder than the original equipment spark plugs. Recommended heat range plugs are listed below.

Manufacturer	Part No.	Order No.	Notes:
NGK V-Grooved	BKR6EP-8	2215	set gap @ 0.8mm or 0.032”
Denso Iridium	IK20	5304	set gap @ 0.8mm or 0.032”

#### Supercharger Belt

The belt that was supplied with the supercharger kit is specifically designed and constructed to handle the additional loads produced by the supercharger. It is recommended that when replacing the belt to use the TRD supercharger belt. In emergency situations the following can be used.

Vehicle	TRD Part No.	Dayco Part No.
Matrix / Corolla	00602-17620-165	6PK2160 or 5060850