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## LCE Header Kit – 1982-1995 22R/22RE 2WD & 4WD

**Installation:** Follow the steps in the service manual for disassembly and removal of exhaust manifold and header pipe. Remove bracket from bell housing that retains original header pipe. This bracket will not be re-used.

Clean all gasket surfaces before installing gaskets provided in header kit. Install header. Tighten all fasteners to factory torque specifications. Some factory heat shields may need to be removed to give clearance for the LCE header.

Due to Toyota's production changes with various exhaust systems, the connector pipe included may require some cutting and modifications on certain applications (direct-fit header kits only). The pipe was designed to be able to rotate as needed to align to factory exhaust and O2 sensor.

**Exhaust Studs:** Torque exhaust studs to 10ft-lbs and flange nuts to 33ft-lbs. We also offer new header mounting studs if needed (part #1045030).

**Air Injection Manifold:** On some models there is an "Air Injection Manifold" that bolts to the flange of the factory exhaust manifold, this manifold will need to be re-installed on the header. To perform this installation you will have to remove the bolt tab that interferes with the number 4 (rear) header tube on certain year applications.

**No Air Injection Manifold:** On Models with no air injection the "Block off Plates" that are bolted to the factory exhaust manifold will need to be removed and reinstalled using the gaskets provided.

### **WARNING:**

Verify the length of the bolt used on the air injection manifold. The bolt cannot protrude past the header flange. Use flat washers to space the bolts properly. Due to the larger primary tubes on your new header you may have to trim your air injection plates so that they will not hit the primary tube welds on the header flange.

### **NOTES:**

\*\*LC Engineering recommends using O2 safe, high-temperature silicon (Copper RTV) on slip connections for small exhaust leaks. **LC Engineering does not recommend the use of header wraps.**

\*\*Over 20+ years of producing these headers LC Engineering has made all attempts to make these header kits fit as best as possible. Unfortunately there are a **very small** amount of applications that may require more extensive modification or even fabrication to make the **connector pipe** fit correctly (direct-fit only). This is mostly contributed to numerous changes in Toyota's production along with aftermarket modifications. LC Engineering offers full technical support to make your fitment as easy as possible but they will not be responsible for any "custom" connector pipes.