

# **PPE Engineering 2ZZ-GE Race Header for Toyota Celica/Matrix/Corolla**

## **Installation Guide**



PPE Engineering LLC  
[www.ppeengineering.com](http://www.ppeengineering.com)  
[sales@ppeengineering.com](mailto:sales@ppeengineering.com)

**Included in kit:**

- 1 Header
- 1 Stainless Steel Flex section
- 1 Header flange
- 1 Header flange gasket
- 1 Set of flange hardware (bolts/nuts/washers)
- 1 Midpipe \*optional

**Header Installation:**

1. Support body of vehicle. \*Access to a vehicle lift make installation easier.
2. Remove stock midpipe.
  - a. Remove O2 sensors, bolts and hangers
3. Remove rear motor mount and motor mount bracket.
4. Support engine with jack.
5. Remove bolts holding in subframe.





6. Using a jack slowly lower the subframe 3-4 inches.
7. Remove exhaust manifold to block bracket.
8. Remove exhaust manifold.
  - a. If engine has Air Injection, you must remove the drivebelt / tensioner spring and 12mm bolt attaching the air tube to the head.
9. Install PPE Header
10. Reinstall header to block bracket.
11. The power steering hardline on the rack can be slightly bent for clearance.
12. If you are re-using your stock manifold gasket, *Orange/Copper* silicone can be used to aid sealing.
13. If your header is equipped with an air injection tube, install the hose and clamps provided.

### **Stock midpipe:**

1. Using the supplied flange and flex section, modify the stock midpipe to fit. The catalytic converter will need to be moved back if it is to be re-used.



### **PPE Midpipe:**

1. Install PPE Midpipe into hangers and bolt to header.
2. Cut stock midpipe flange (midpipe to muffler) off and weld to PPE midpipe.