

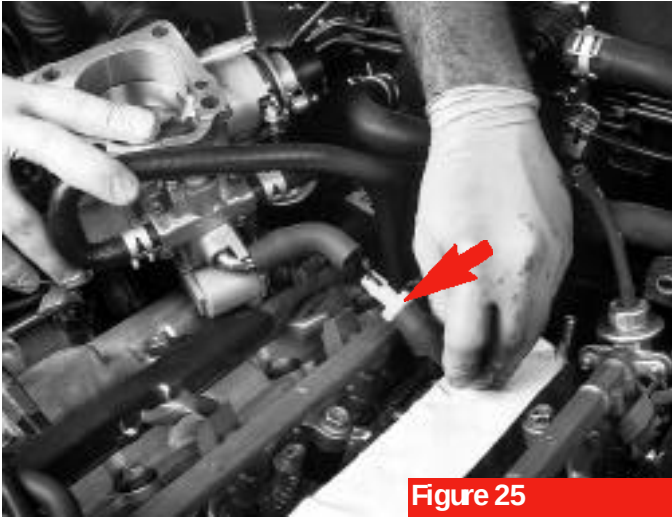


Figure 25

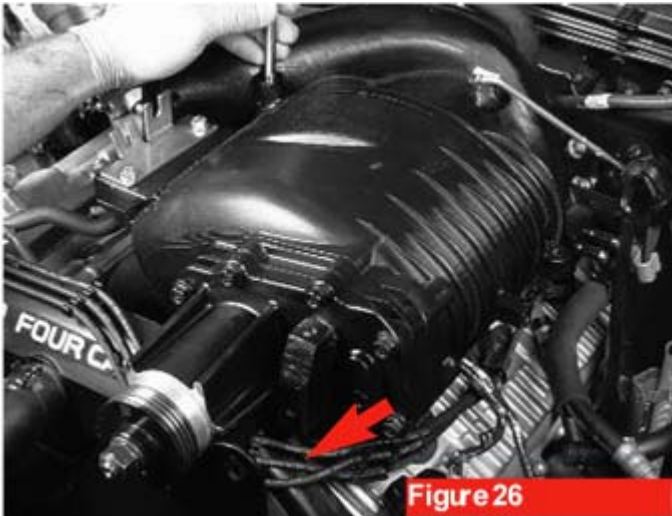


Figure 26

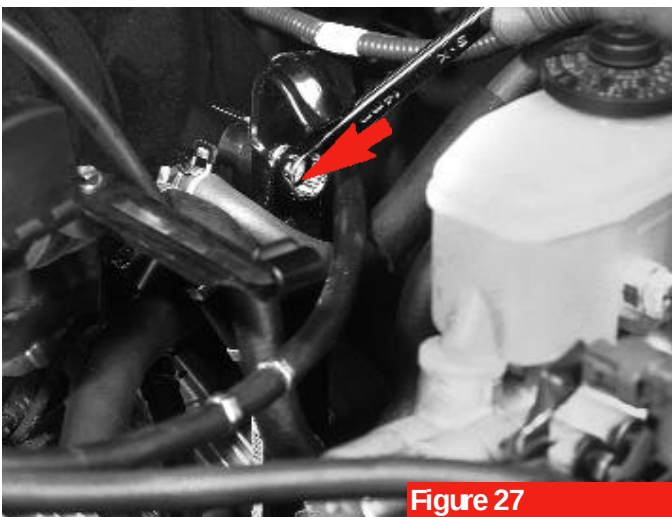


Figure 27

B. Installation of Supercharger and Manifold Assembly

1. (Skip this step for 2001 and newer 4Runner) Cut the hose leading to the IAC valve connector at the location shown, and insert the kit's one-way valve into the straight part of the hose. The black end of the valve (see arrow on figure 25 and diagrams at the end of this manual) is closest to the throttle body.

IMPORTANT: The IAC hose and the coolant hoses are similar in size. Don't cut the wrong one. The coolant hoses have clamps, the IAC hose does not.

2. Remove the tape from the intake manifold and reinstall the stock gasket.
3. **Lower the supercharger and manifold into place** making sure there are no hoses or wires in the way. The ignition wires should be routed beneath the supercharger's drive housing (see arrow, figure 26).
4. When the assembly sits flat on the engine, put the stock manifold brace (driver's side) bolt and supplied spacer in first (see arrow, figure 27) and then install the stock nut so the studs at each end of the manifold and hand tighten. Use M8x35mm Bolt
5. Install the supplied long manifold bolt (8x 1.25x 170mm) through the supercharger to the stock manifold followed by the two stock bolts. Alternating from one side to the other, torque the bolts and two nuts to the specs provided in the Toyota Repair Manual.

NOTE: In step #1 above, the valve in your kit may not have a black end. You can determine the flow direction by gently blowing air through it. The valve needs to be installed so that the flow goes into the engine.