TC032–01

REMOVAL

1. DRAIN ENGINE COOLANT

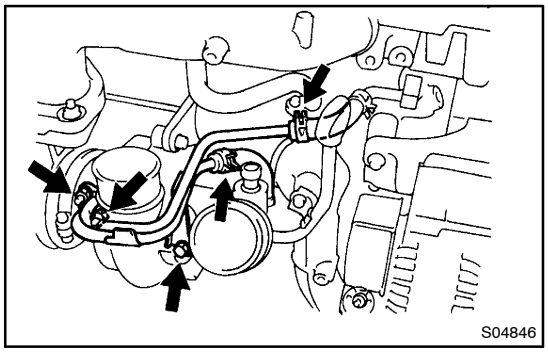
2. REMOVE INTAKE PIPE (See page EM–44)

3. REMOVE TURBOCHARGER HEAT INSULATOR

Remove the 3 bolts and heat insulator.

4. REMOVE EXHAUST MANIFOLD HEAT INSULATOR

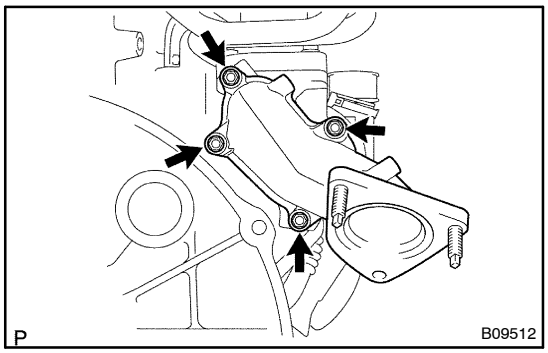
Remove the 4 bolts and heat insulator.



5. REMOVE TURBO WATER PIPE

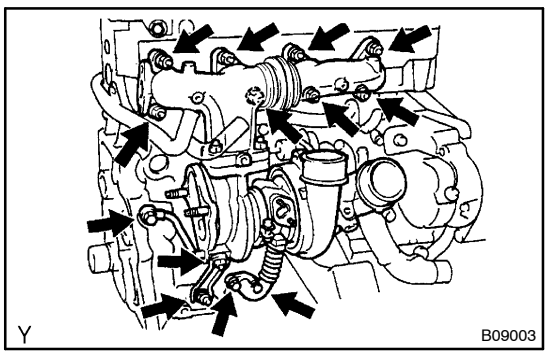
(a) Disconnect the 2 water bypass hoses from the turbo water pipe.

(b) Remove the 2 nuts, bolt, water pipe and gasket.



6. REMOVE TURBINE OUTLET ELBOW

Remove the 4 nuts, outlet elbow and gasket.



7. REMOVE TURBOCHARGER STAY

Remove the bolt, nut and turbocharger stay.

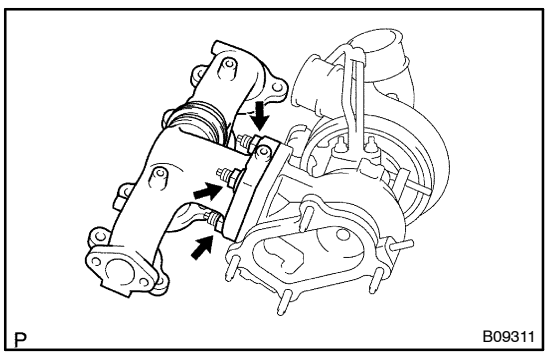
8. REMOVE TURBOCHARGER AND EXHAUST MANIFOLD ASSEMBLY

(a) Remove the 2 bolts and union bolt from the turbo oil pipe.

(b) Remove the 6 nuts, plate washers, 2 bolts, the turbocharger, exhaust manifold assembly and 3 gaskets.

9. REMOVE TURBO OIL PIPE FROM TURBOCHARGER

Remove the 2 nuts, oil pipe and gasket.



10. REMOVE EXHAUST MANIFOLD FROM TURBOCHARGER

Remove the 3 nuts, exhaust manifold and gasket.

11. REMOVE AIR INLET ELBOW FROM TURBOCHARGER

Remove the 2 nuts, inlet elbow and gasket.