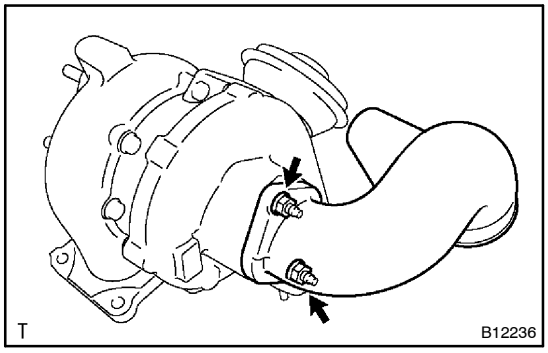
TC02C–02

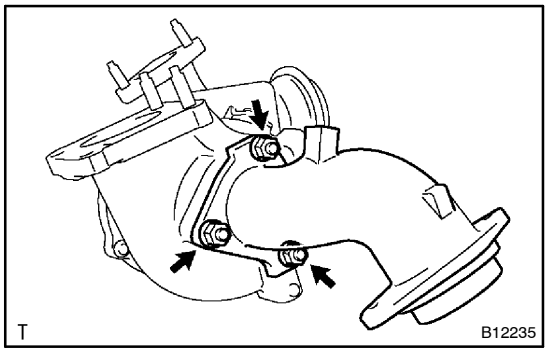
INSTALLATION



1. INSTALL COMPRESSOR INLET ELBOW

Install a new gasket and compressor inlet elbow with the 2 new nuts.

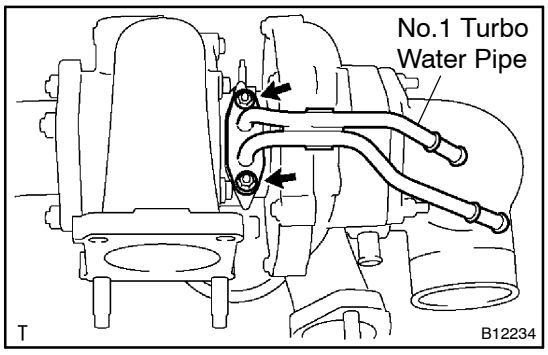
Torque:19.6 N·m (200 kgf·cm, 14 ft·lbf)



2. INSTALL TURBO OUTLET ELBOW

Install a new gasket and turbo outlet with the 3 nuts.

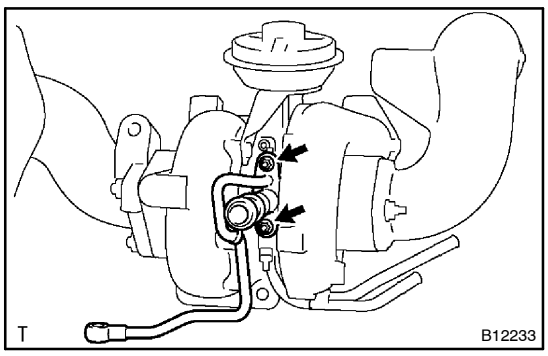
Torque:52 N·m (530 kgf·cm, 38 ft·lbf)



3. REMOVE NO.1 TURBO WATER PIPE

Install a new gasket and No.1 turbo water pipe with the 2 nuts.

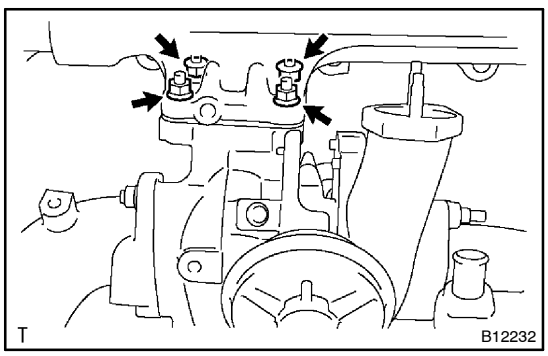
Torque:7.8 N·m (80 kgf·cm, 69 in.·lbf)



4. INSTALL OIL PIPE

Install a new gasket and turbo oil pipe with the 2 nuts.

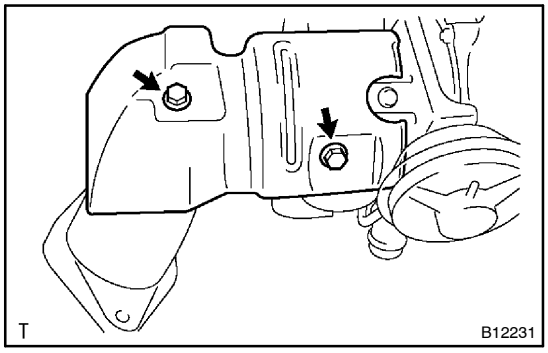
Torque:7.8 N·m (80 kgf·cm, 69 in.·lbf)



5. INSTALL TURBOCHARGER TO EXHAUST MANIFOLDS

Install a new gasket and turbocharger with the 4 nuts.

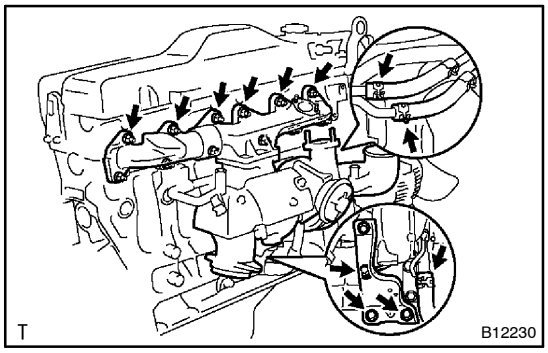
Torque:52 N·m (530 kgf·cm, 38 ft·lbf)



6. INSTALL HEAT INSULATOR

Install the heat insulator with the 2 bolts.

Torque:18.1 N·m (185 kgf·cm, 13.4 ft·lbf)



7. INSTALL TURBOCHARGER AND EXHAUST MANIFOLDS ASSEMBLY

(a) Install 2 new gaskets, turbocharger and exhaust manifolds assembly with the 12 nuts.

Torque:41.7 N·m (425 kgf·cm, 31 ft·lbf)

(b) Connect the 2 water hoses from the turbocharger.

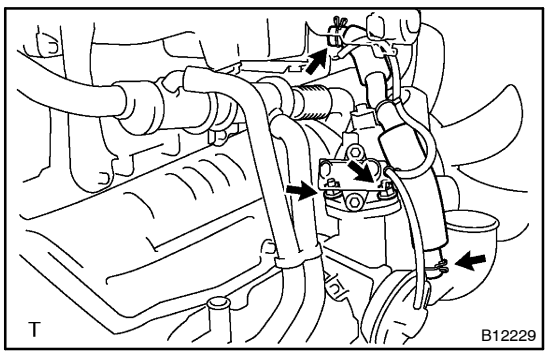
(c) Install 2 new gaskets and the union bolt of the turbo oil pipe.

Torque:24.5 N·m (250 kgf·cm, 18 ft·lbf)

(d) Connect the turbo oil hose.

(e) Install the turbocharger stay with the 3 bolts.

Torque:117 N·m (1200 kgf·cm, 86.8 ft·lbf)



8. INSTALL PCV HOSE AND COMPRESSOR OUTLET ELBOW

(a) Install a new gasket and compressor outlet elbow with the 2 nuts.

Torque:19.6 N·m (200 kgf·cm, 14.5 ft·lbf)

(b) Connect the PCV hose.

9. INSTALL HEAT INSULATOR (See page EM–36)

10. INSTALL EGR W/COOLER PIPE SUB–ASSY (See page EM–36)

11. INSTALL INTAKE PIPE ASSEMBLY (See page EM–36)

12. FILL WITH ENGINE COOLANT

13. START ENGINE AND CHECK FOR LEAK

14. CHECK ENGINE OIL LEVEL