

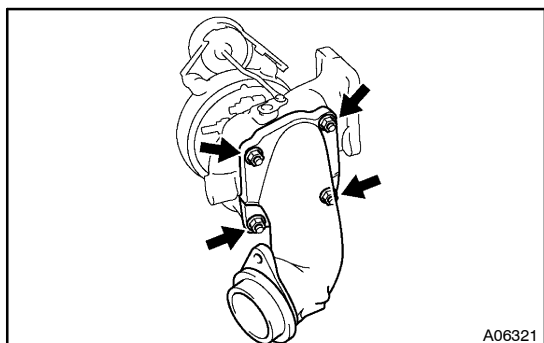
## INSTALLATION

### 1. 1HD-FTE:

#### INSTALL COMPRESSOR INLET ELBOW

Install the gasket, compressor inlet elbow and the 2 new nuts.

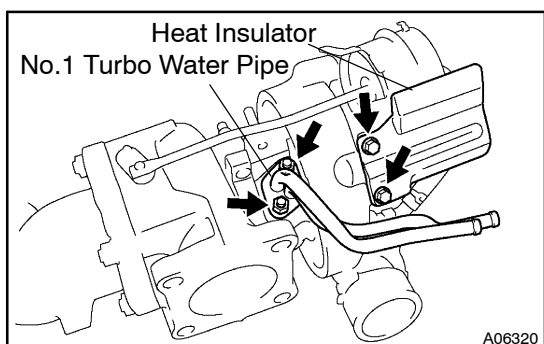
**Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)**



### 2. INSTALL TURBO OUTLET ELBOW

Install the new gasket, turbo outlet and the 4 nuts.

**Torque: 39 N·m (390 kgf·cm, 28 ft·lbf)**



### 3. 1HD-T:

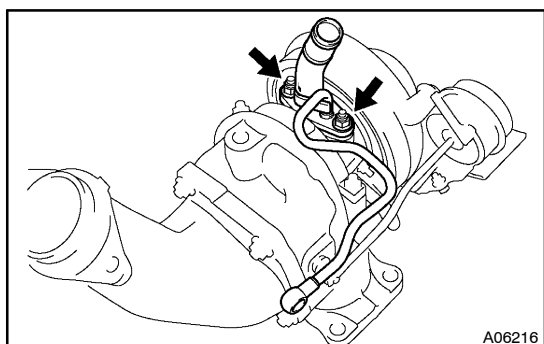
#### INSTALL HEAT INSULATOR

Install the heat insulator and the 2 bolts.

### 4. REMOVE NO.1 TURBO WATER PIPE

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

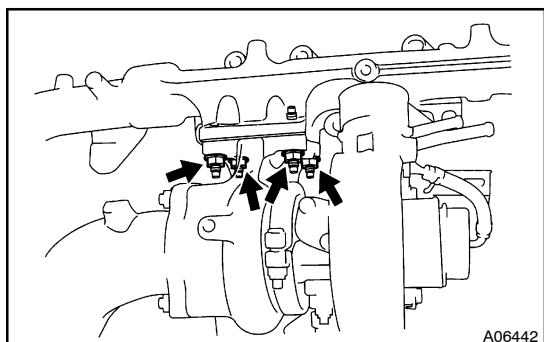
**Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)**



### 5. INSTALL OIL PIPE

Install the new gasket, turbo oil pipe and the 2 nuts.

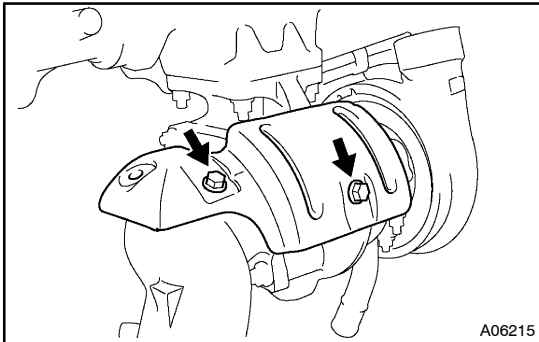
**Torque: 19 N·m (195 kgf·cm, 14 ft·lbf)**



### 6. INSTALL TURBOCHARGER TO EXHAUST MANIFOLDS

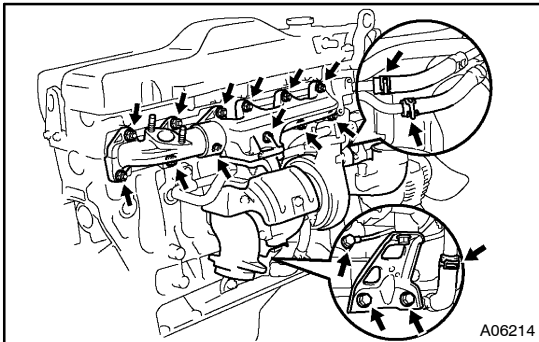
Install the new gasket, turbocharger and the 4 nuts.

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



## 7. INSTALL HEAT INSULATOR

Install the heat insulator and the 2 bolts.



## 8. INSTALL TURBOCHARGER AND EXHAUST MANIFOLDS ASSEMBLY

- (a) Install the 2 new gaskets, turbocharger and exhaust manifold assembly and 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 the 2 new gasket and the union bolt of the turbo oil pipe.  
 (d) Connect the turbo oil hose.  
 (e) Install the turbocharger stay and the 3 bolts.

## 9. 1HD-FTE:

### INSTALL PCV HOSE AND COMPRESSOR OUTLET ELBOW

- (a) Install the new gasket, compressor outlet elbow and the 2 nuts.  
 (b) Connect the PCV hose

## 10. INSTALL HEAT INSULATOR

## 11. INSTALL INLET PIPE ASSEMBLY

1HD-T: (See page EM-66)

1HD-FTE: (See page EM-94)

## 12. FILL WITH ENGINE COOLANT

## 13. START ENGINE AND CHECK FOR LEAK

## 14. CHECK ENGINE OIL LEVEL

