

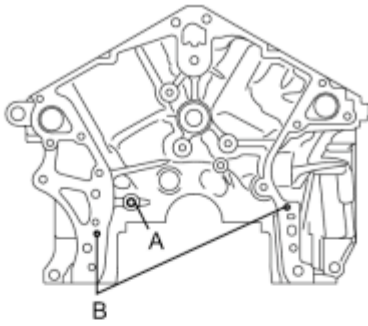
<b>Last Modified:</b> 6-2-2008	5.1 A	<b>From:</b> 200601
<b>Model Year:</b> 2007	<b>Model:</b> Camry	<b>Doc ID:</b> RM000000T4Y00GX
<b>Title:</b> 2GR-FE ENGINE MECHANICAL: ENGINE UNIT: REASSEMBLY (2007 Camry)		

## **REASSEMBLY**

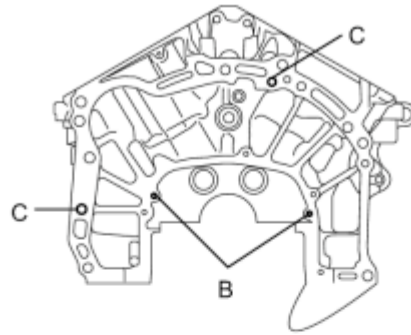
### **1. INSTALL STRAIGHT PIN**

- (a) Using a plastic hammer, tap in new straight pins to the cylinder block.

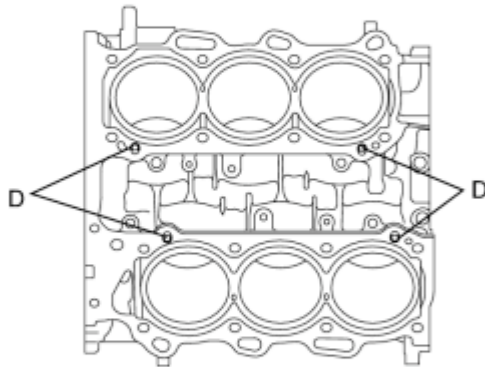
**Front Cylinder Block:**



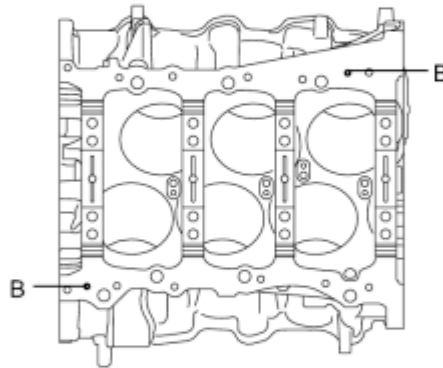
**Rear Cylinder Block:**



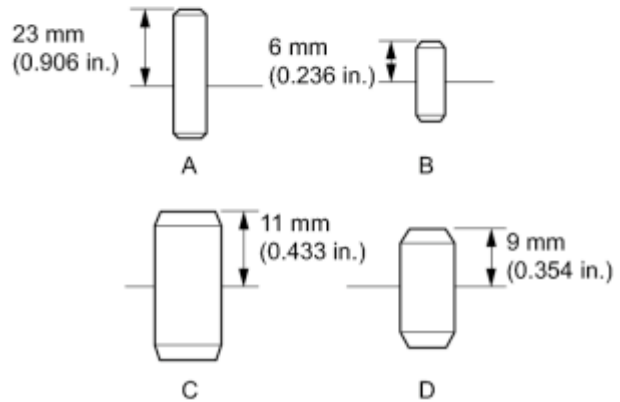
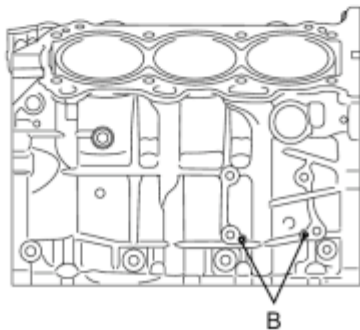
**Upper Cylinder Block:**



**Lower Cylinder Block:**



**Cylinder Block RH Side:**



Y

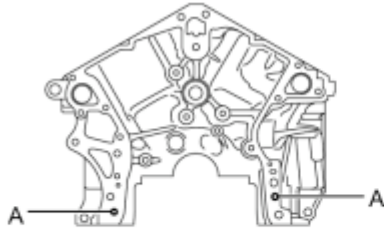
Standard protrusion:

ITEM	PROTRUSION
Pin A	23 mm (0.906 in.)
Pin B	6 mm (0.236 in.)
Pin C	11 mm (0.433 in.)
Pin D	9 mm (0.354 in.)

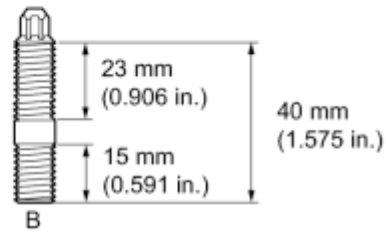
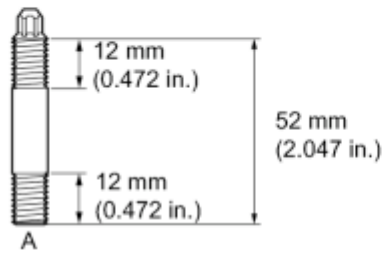
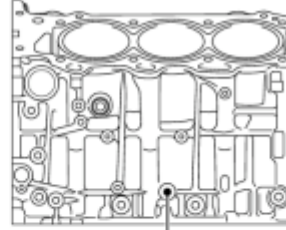
## 2. INSTALL STUD BOLT

(a) Using E8 and E10 "torx" sockets, install the stud bolts.

Front Cylinder Block:



LH Side:

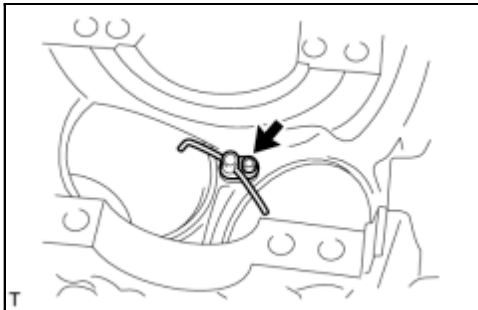


Y

**Torque: 10 N·m (102 kgf·cm, 7 ft·lbf) for bolt A**

**Torque: 17 N·m (173 kgf·cm, 13 ft·lbf) for bolt B**

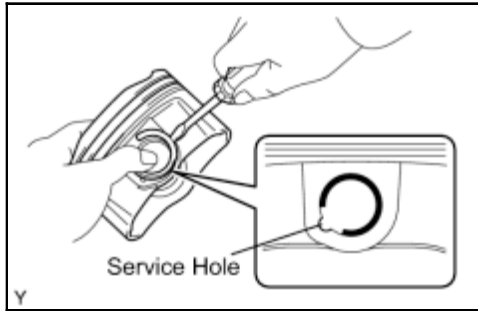
## 3. INSTALL NO. 1 OIL NOZZLE SUB-ASSEMBLY



(a) Using a 5 mm hexagon wrench, install the oil nozzles.

**Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)**

## 4. INSTALL PISTON SUB-ASSEMBLY WITH PIN



(a) Using a screwdriver, install a new snap ring at one end of the piston pin hole.

**Be sure that the end gap of the snap ring is not aligned with the pin hole cutout portion of the piston.**

