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Model Year Start: 2007	Model: LS460	Prod Date Range: [09/2006 -]
Title: 1UR-FSE ENGINE MECHANICAL: CYLINDER HEAD GASKET (for Bank 1): REMOVAL; 2007 MY LS460 [09/2006 -]		

REMOVAL

1. DISCHARGE FUEL SYSTEM PRESSURE [INFO](#)

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

CAUTION:

Wait at least 90 seconds after disconnecting the cable from the negative (-) battery terminal to prevent airbag and seat belt pretensioner activation.

NOTICE:

After the engine switch is turned off, the HDD navigation system requires approximately 6 minutes to record various types of memory and settings. As a result, after turning the engine switch off, wait 6 minutes or more before disconnecting the cable from the negative (-) battery terminal.

3. REMOVE CAMSHAFT SUB-ASSEMBLY (for Bank 1)

- (a) Remove the camshaft [INFO](#) .

4. REMOVE NO. 1 VALVE ROCKER ARM SUB-ASSEMBLY

- (a) Remove the 16 valve rocker arms from the cylinder head.

HINT:

Arrange the removed parts in the correct order.

5. REMOVE VALVE LASH ADJUSTER ASSEMBLY

- (a) Remove the 16 valve lash adjusters from the cylinder head.

HINT:

Arrange the removed parts in the correct order.

6. REMOVE VALVE STEM CAP

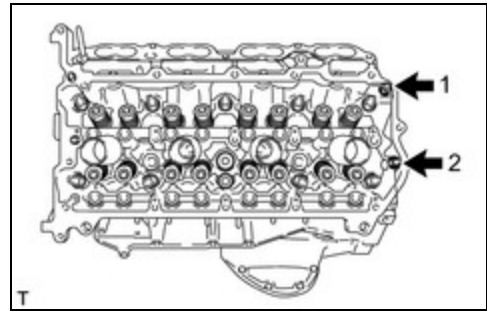
- (a) Remove the 16 valve stem caps from the cylinder head.

HINT:

Arrange the removed parts in the correct order.

7. REMOVE CYLINDER HEAD SUB-ASSEMBLY (for Bank 1)

- (a) Uniformly loosen and remove the 2 bolts in the sequence shown in the illustration.



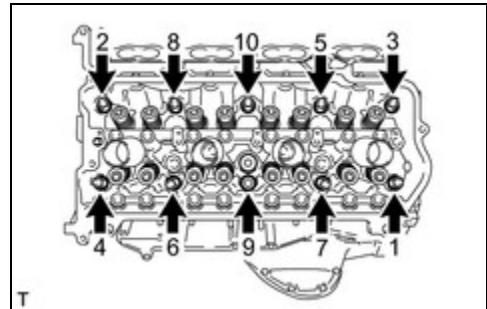
(b) Using a 10 mm bi-hexagon wrench, uniformly loosen the 10 bolts in the sequence shown in the illustration. Remove the 10 cylinder head bolts and plate washers.

NOTICE:

- Be careful not to drop washers into the cylinder head.
- Head warpage or cracking could result from removing bolts in an incorrect order.

HINT:

Be sure to keep the removed parts separate for each installation position.



(c) Remove the cylinder head and gasket.

