

Last Modified: 11-27-2007		1.6 A
Service Category: Engine/Hybrid System	Section: Fuel System	
Model Year: 2008	Model: LX570	Doc ID: RM000000Q4802JX
Title: 3UR-FE FUEL: FUEL INJECTOR: REMOVAL (2008 LX570)		

REMOVAL

1. REMOVE ENGINE ROOM SIDE COVER LH INFO

2. REMOVE ENGINE ROOM SIDE COVER RH INFO

3. REMOVE UPPER RADIATOR SUPPORT SEAL INFO

4. REMOVE V-BANK COVER SUB-ASSEMBLY INFO

5. DISCHARGE FUEL SYSTEM PRESSURE

(a) Discharge the fuel system pressure INFO .

6. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

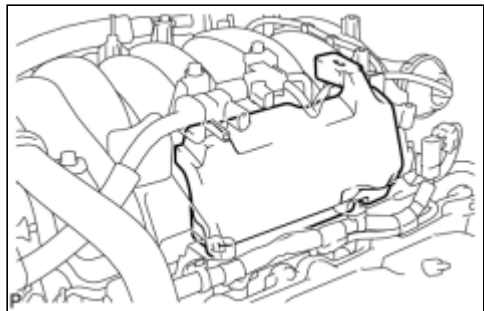
NOTICE:

w/ Navigation System:

- 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.
- When disconnecting the cable, some systems need to be initialized after the cable is reconnected INFO .

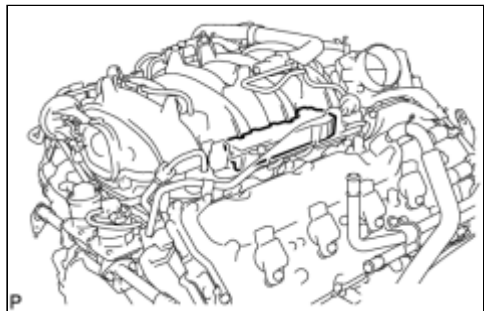
7. REMOVE AIR CLEANER HOSE ASSEMBLY INFO

8. REMOVE NO. 1 ENGINE COVER SUB-ASSEMBLY



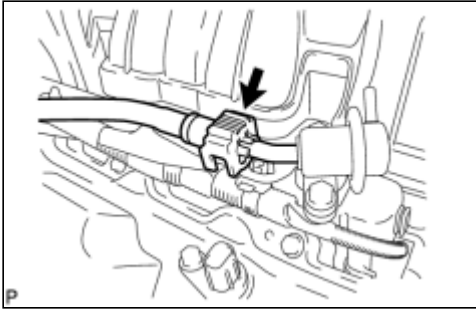
(a) Remove the No. 1 engine cover sub-assembly.

9. REMOVE NO. 3 ENGINE COVER



(a) Remove the No. 3 engine cover.

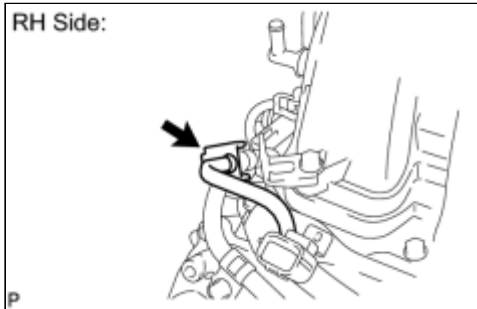
10. DISCONNECT NO. 2 FUEL TUBE



(a) Disconnect the No. 2 fuel tube from the fuel pressure regulator

INFO .

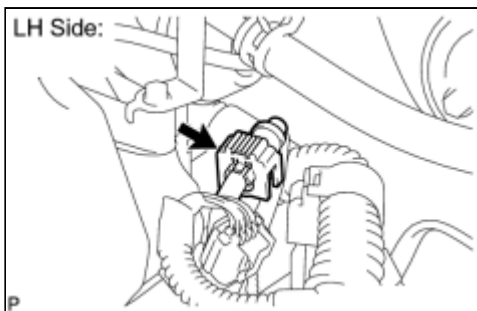
11. DISCONNECT NO. 1 FUEL TUBE



(a) RH Side:

Disconnect the No. 1 fuel tube from the fuel delivery pipe RH

INFO .

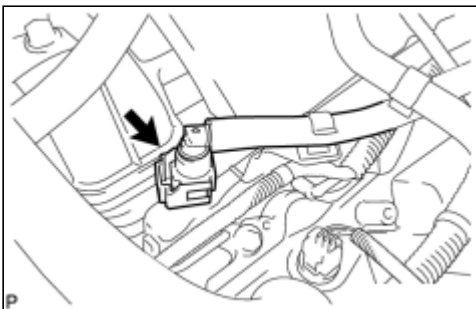


(b) LH Side:

Disconnect the No. 1 fuel tube from the fuel delivery pipe LH

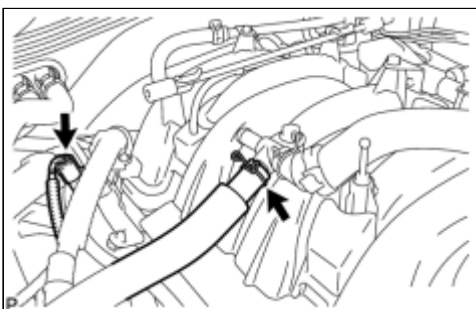
INFO .

12. DISCONNECT NO. 1 FUEL HOSE

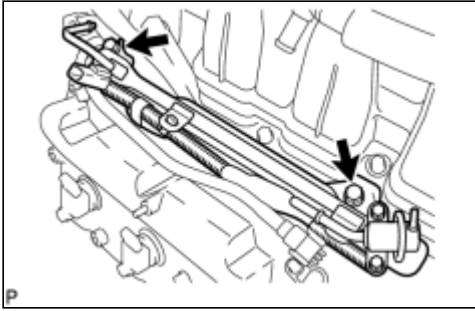


(a) Disconnect the fuel hose from the fuel delivery pipe LH **INFO** .

13. REMOVE FUEL DELIVERY PIPE SUB-ASSEMBLY RH



(a) Disconnect the ventilation hose and No. 6 wire harness connector.



(b) Remove the 2 bolts and fuel delivery pipe RH.

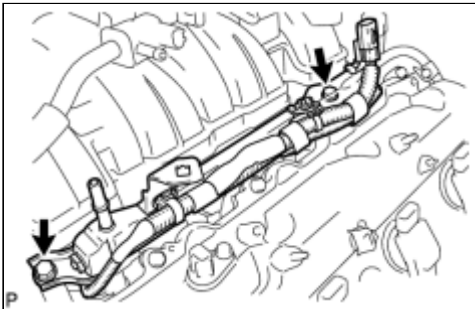
NOTICE:

When removing the delivery pipe, hold the pipe by both ends and pull it straight upward.

(c) Remove the 2 delivery pipe spacers and 4 insulators from the cylinder head RH.

14. REMOVE FUEL DELIVERY PIPE SUB-ASSEMBLY LH

(a) Disconnect the No. 7 wire harness connector.



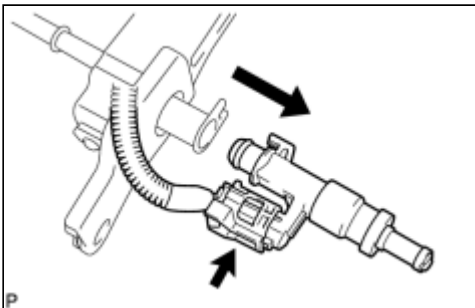
(b) Remove the 2 bolts and fuel delivery pipe LH.

NOTICE:

When removing the delivery pipe, hold the pipe by both ends and pull it straight upward.

(c) Remove the 2 delivery pipe spacers and 4 insulators from the cylinder head LH.

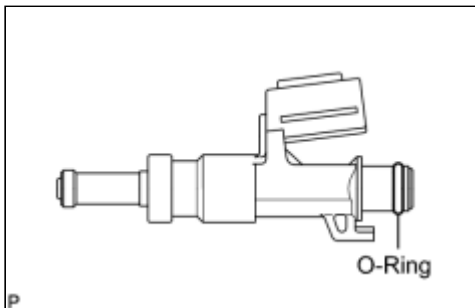
15. REMOVE FUEL INJECTOR ASSEMBLY



(a) Remove the fuel injector from the fuel delivery pipe, and then disconnect the injector connector.

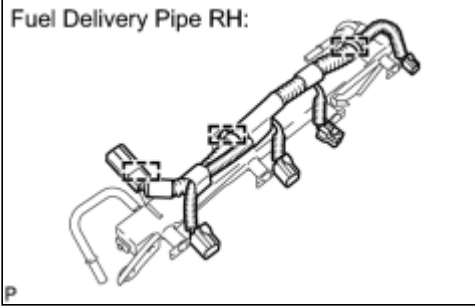
NOTICE:

For reinstallation, attach a tag or label to the injector shaft.



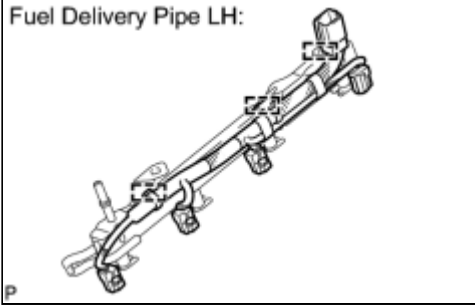
(b) Remove the O-ring from the fuel injector.

Fuel Delivery Pipe RH:



- (c) Detach the 3 clamps and then remove the No. 6 wire harness from the delivery pipe RH.

Fuel Delivery Pipe LH:



- (d) Detach the 3 clamps and then remove the No. 7 wire harness from the delivery pipe LH.

