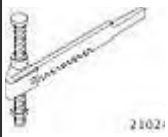
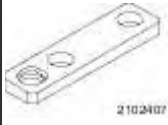


## Disassembly and Assembly of Subassemblies

### Special Tool(s) / General Equipment

|                                                                                     |                                          |
|-------------------------------------------------------------------------------------|------------------------------------------|
|    | 303-060<br>Compressor, Valve Spring      |
|    | 303-060-07<br>Adapter for 303-060        |
|    | 303-060-09A<br>Adapter for 303-060       |
|    | 303-362<br>Installer, Valve Stem Collets |
|  | 303-508<br>Pliers, Valve Stem Seal       |
| Wooden Block                                                                        |                                          |

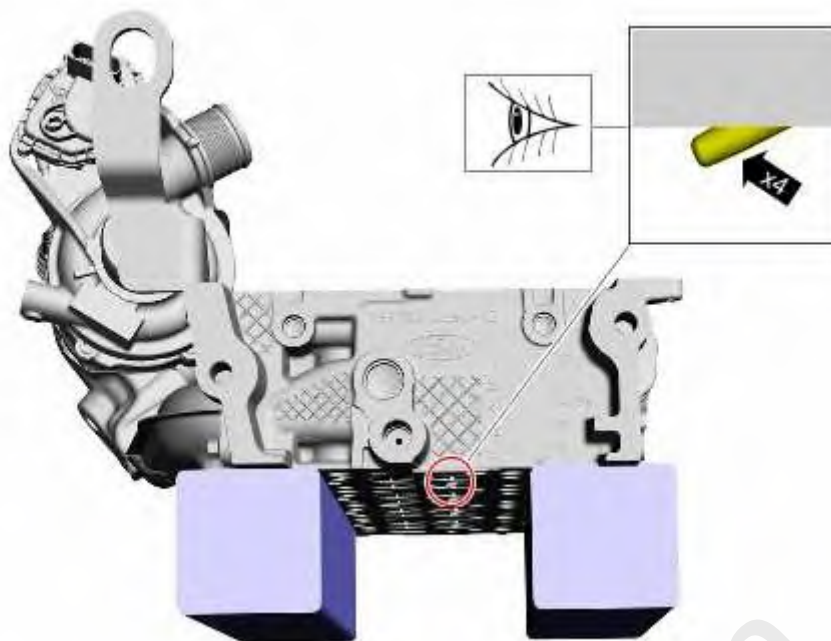
### Disassembly



**NOTICE:** Take extra care when handling the components.

**NOTE:** Removal steps in this procedure may contain installation details.

1. Use the General Equipment: [Wooden Block](#)



E226619

2. **NOTE:** Only tighten the bolts finger tight at this stage.

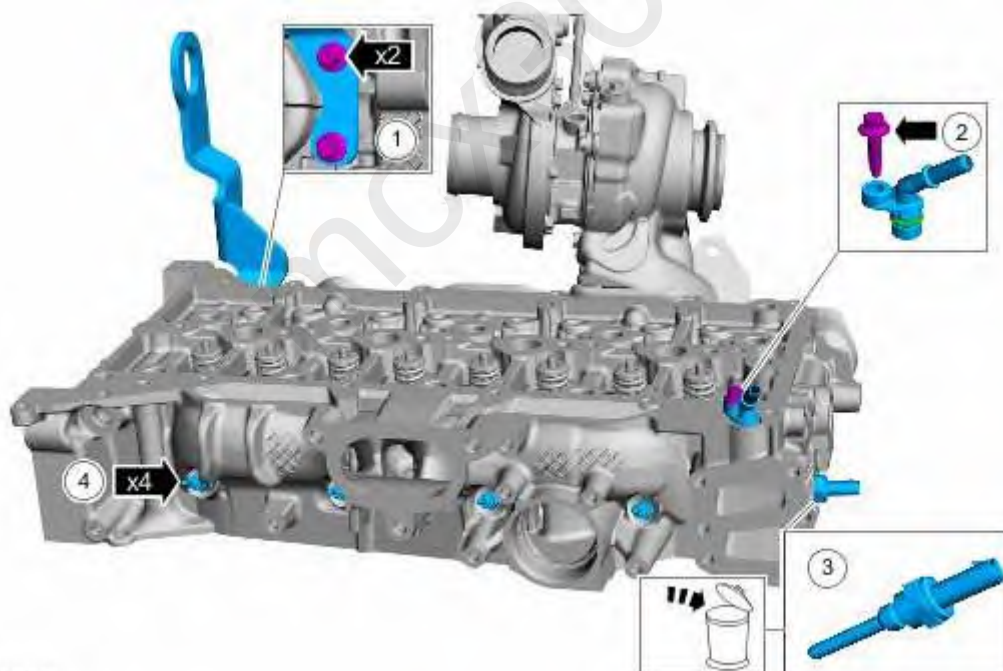
*Torque:*

1: 33 Nm

2: 10 Nm

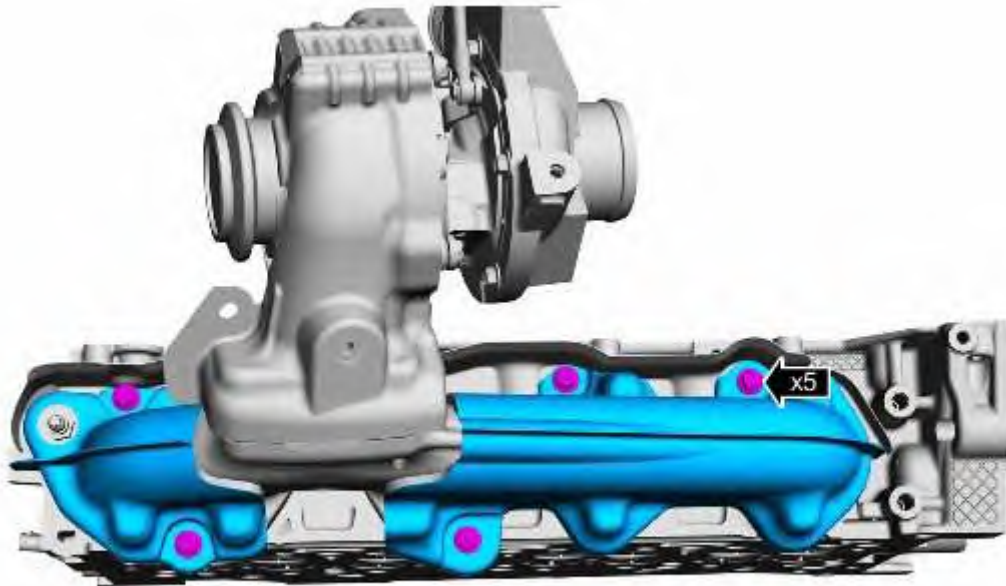
3: 11 Nm

4: 13 Nm



E226620

3. *Torque:* 10 Nm



E226821

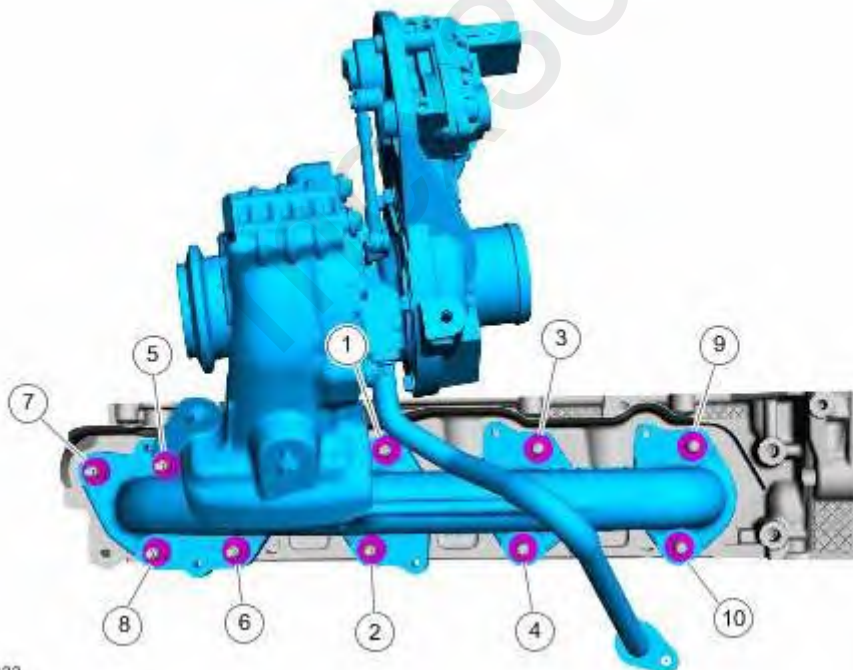
4. NOTE: Make sure that the component is correctly installed.  
NOTE: Only tighten the nuts finger tight at this stage.

*Torque:*

Stage 1: 12 Nm

Stage 2: 23 Nm

Stage 3: 23 Nm



E226822

5. NOTE: Make sure that new components are installed.

*Torque:* 10 Nm



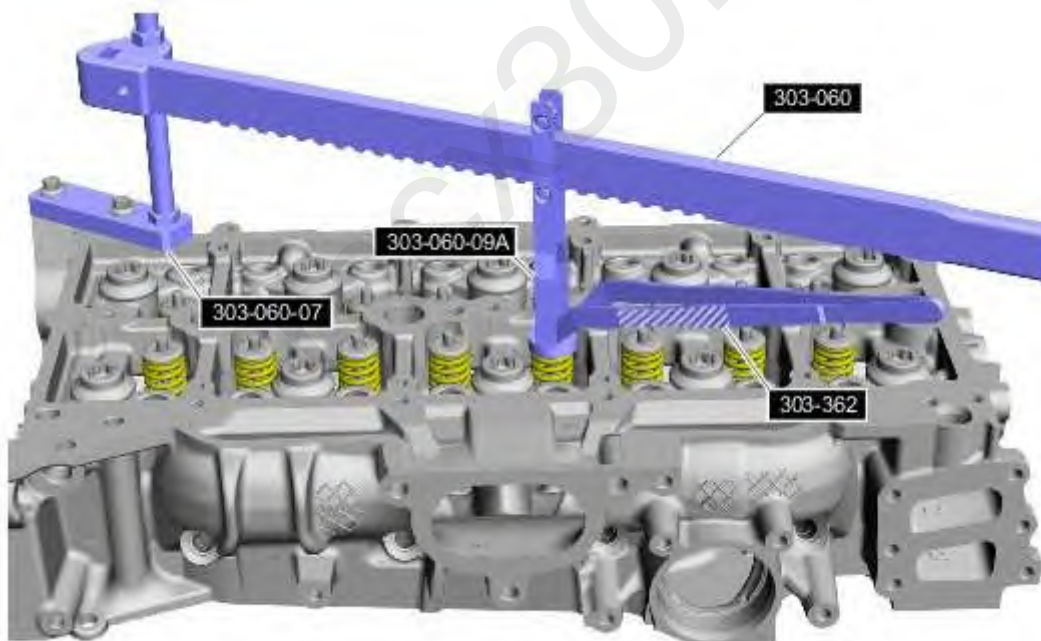
E226715



6.

NOTE: Note the position of the components before removal.

Use Special Service Tools: [303-060](#), [303-060-09A](#), [303-060-07](#), [303-362](#).

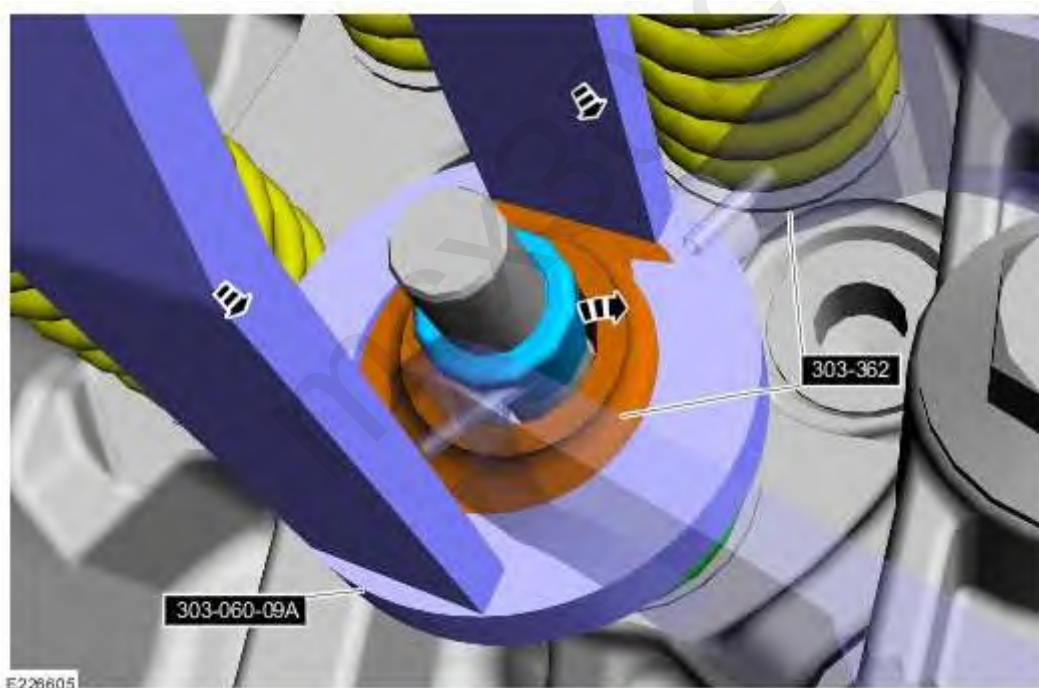


E226606

7.

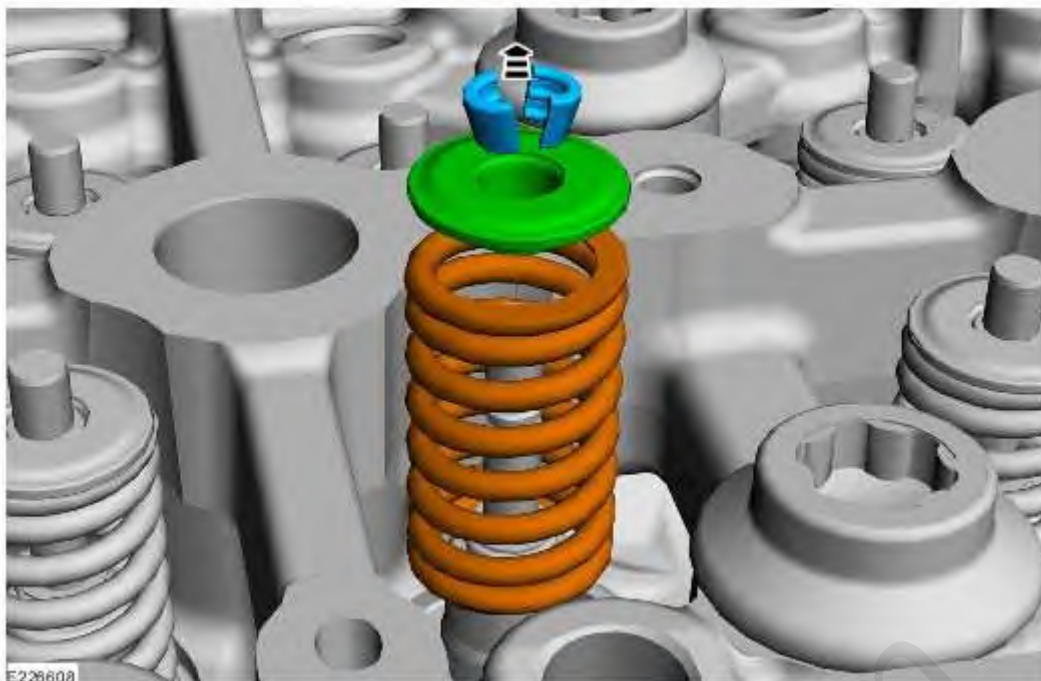


8.

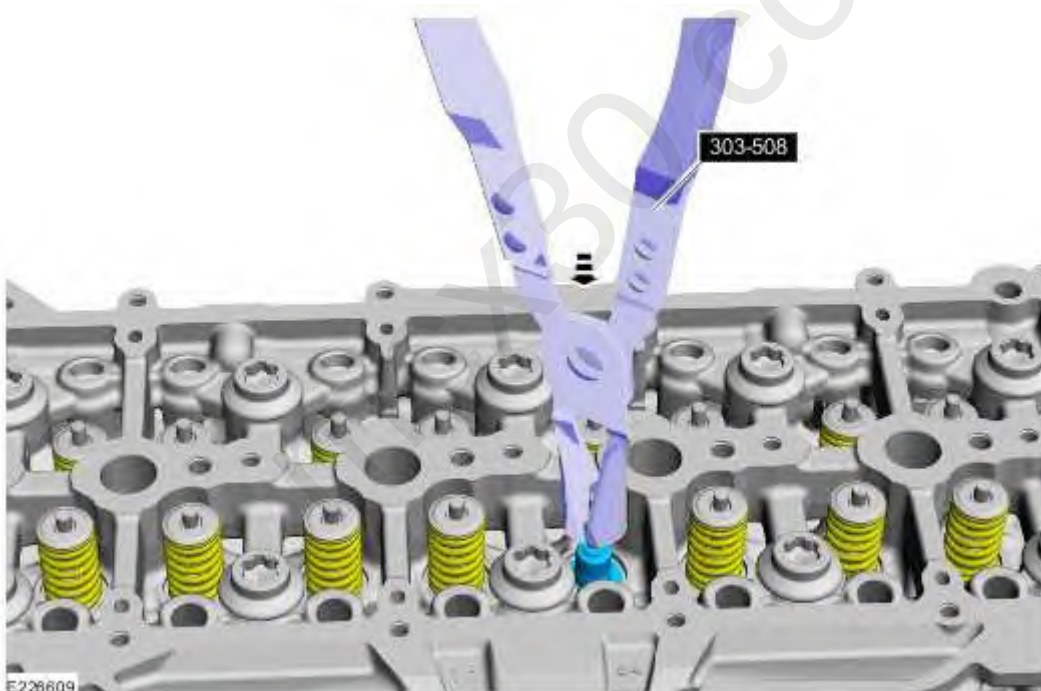


9.

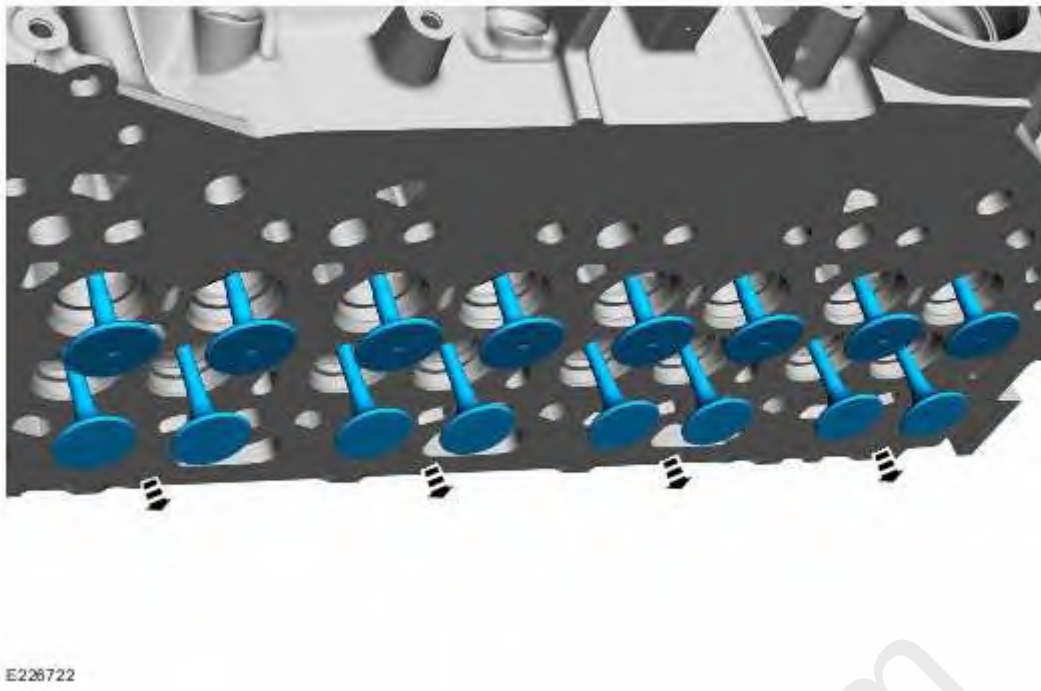




10. Use Special Service Tool: [303-508](#).



11. **NOTE:** Note the position of the components before removal.  
Refer to: [Specifications](#) (303-01A Engine, Specifications).



### **Assembly**

12. To assemble, reverse the disassembly procedure.