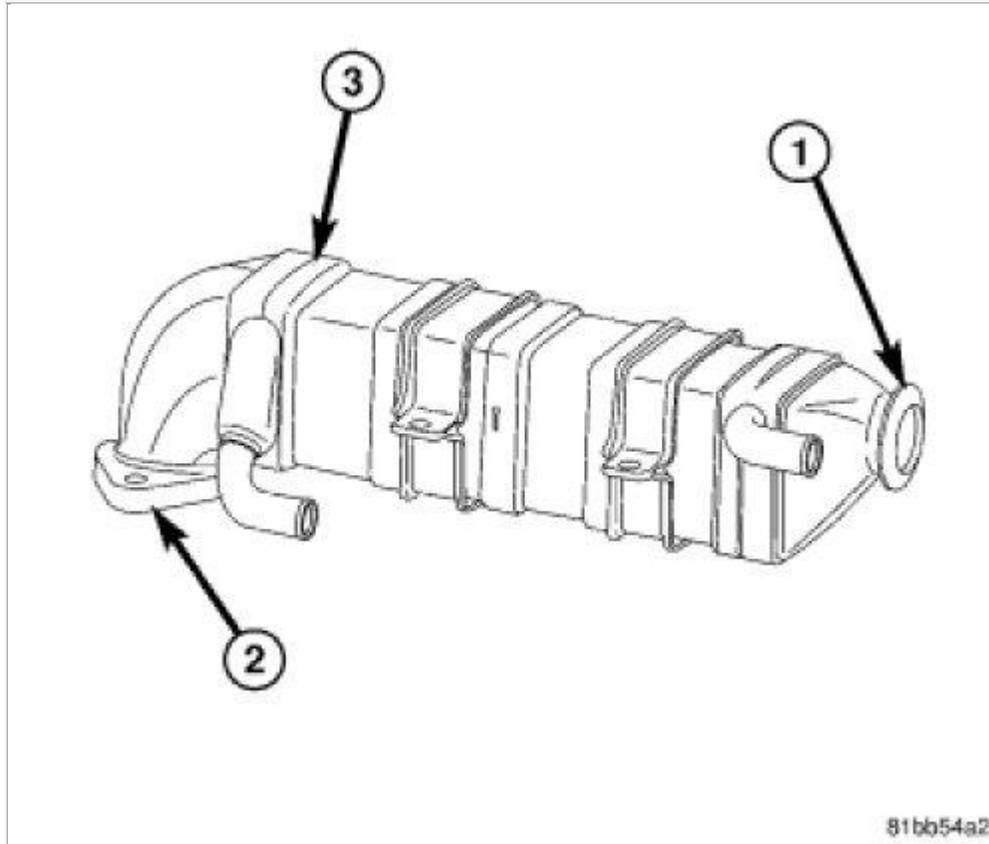
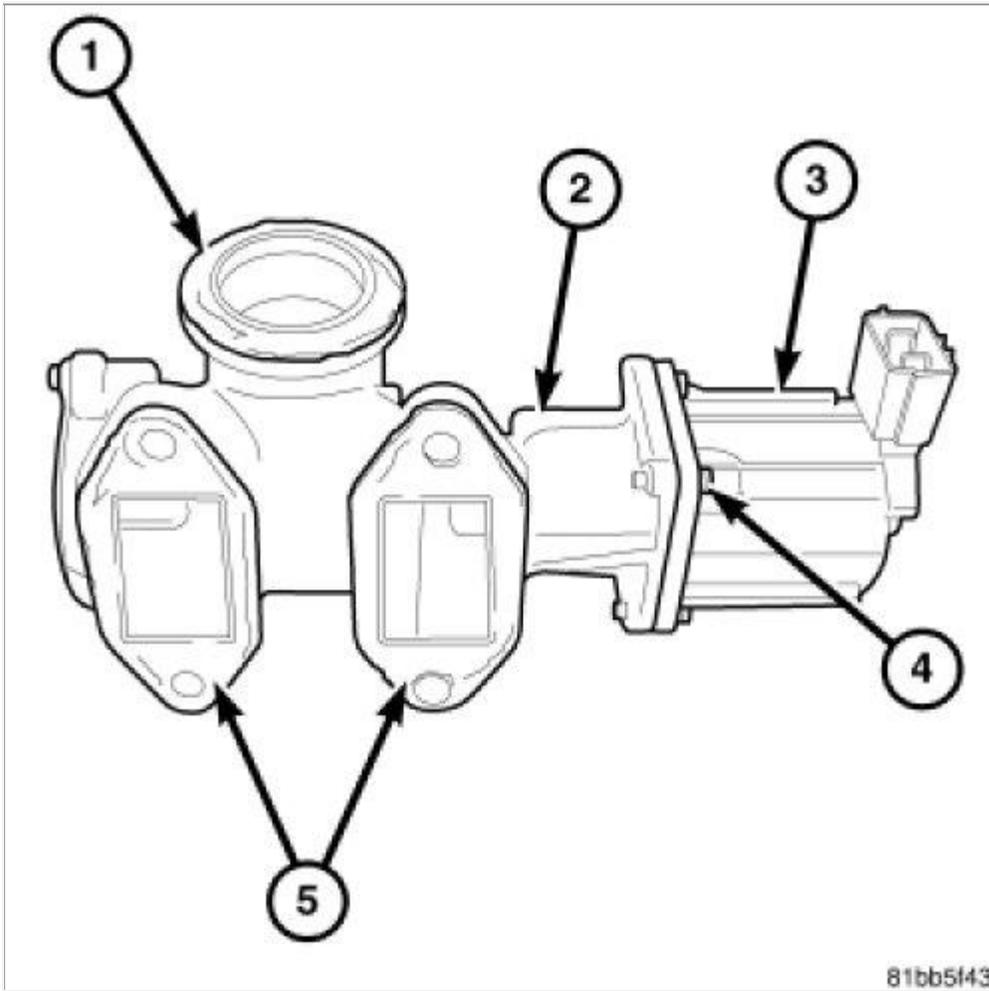


CLEANING



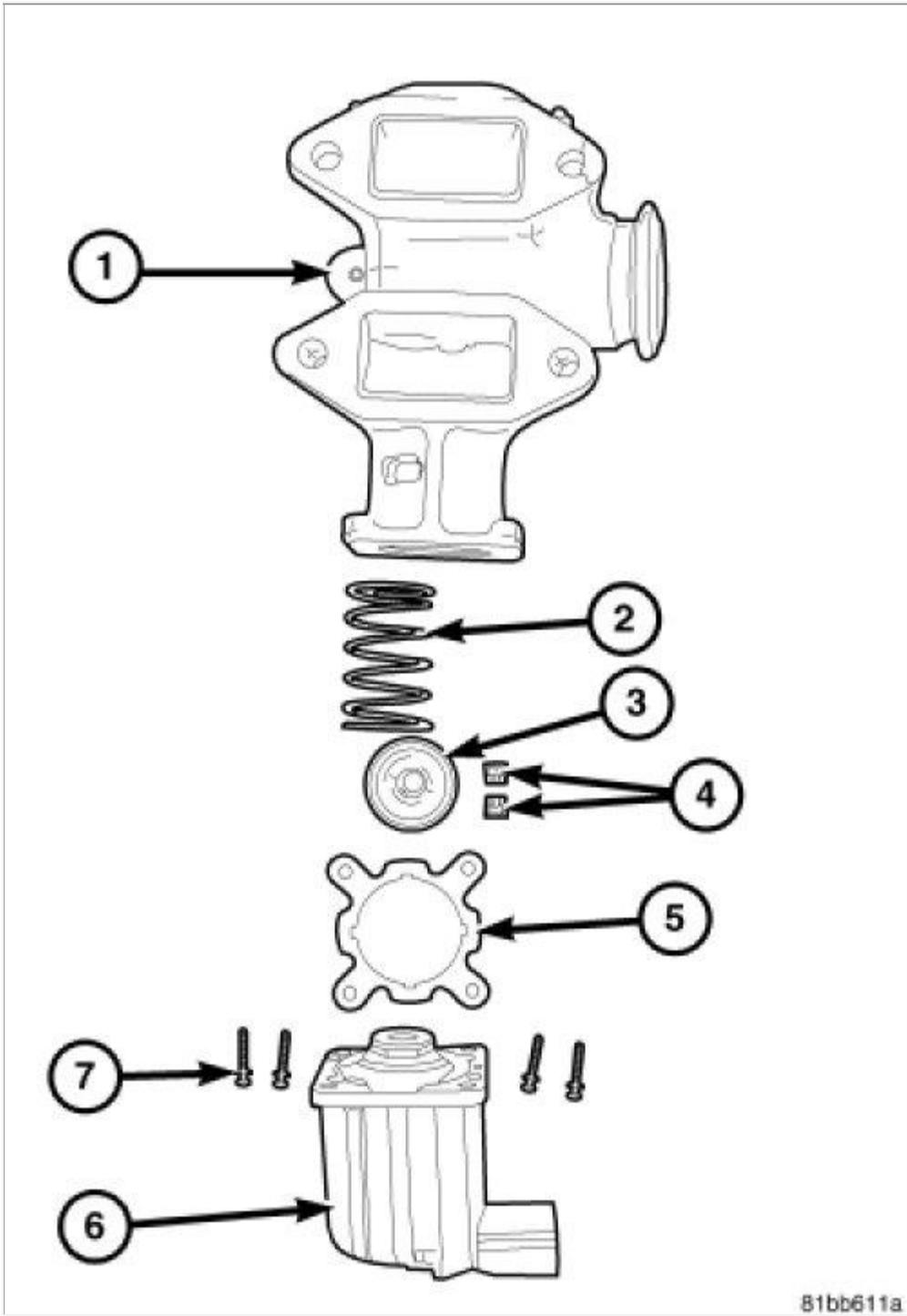
1. Remove EGR Cooler [See: Removal and Replacement\EGR Cooler - Removal](#) .
2. Spray the internal cavity of EGR Cooler with hot tap water for 10 minutes.
3. Plug EGR Cooler outlet (1) with a locally obtained rubber expansion plug to make a watertight seal.
4. Following instruction on the container, mix MOPAR(R) EGR System Cleaner and hot tap water with a ratio of one part [EGR](#) Cleaner, four parts water.
5. Position EGR Cooler with the outlet (1) facing up. Fill EGR Cooler with hot tap water and MOPAR(R) EGR System Cleaner until cooler is completely full. Soak for one hour.
6. Remove plug from EGR Cooler outlet (1). Drain cleaning solution from cooler. Discard according to local governmental regulations.
7. Rinse cooler using hot tap water until all cleaning solution has been rinsed clean. Dry completely.
8. Install EGR Cooler [See: Removal and Replacement\EGR Cooler - Installation](#)

CLEANING

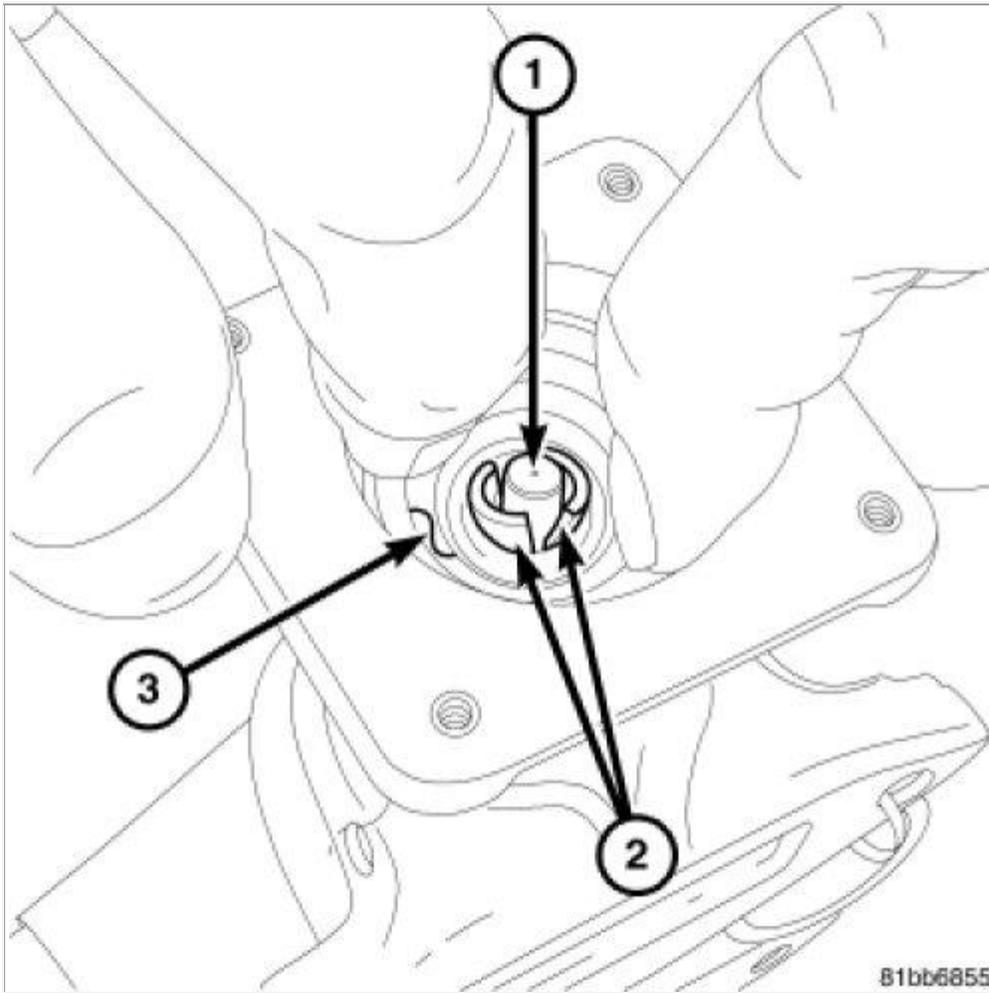


6.7L EGR VALVE CLEANING PROCEDURE

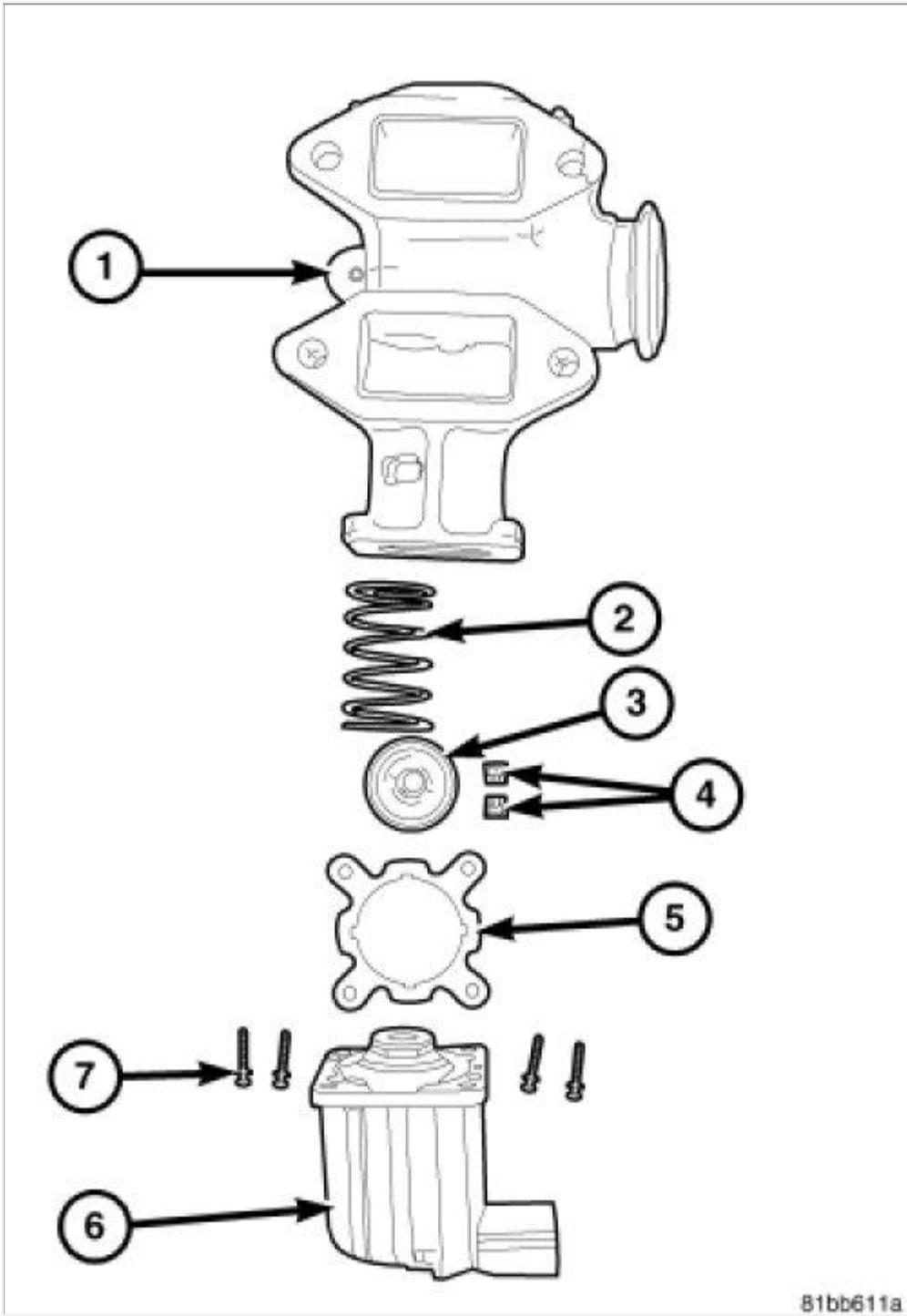
1. Remove EGR valve assembly from engine.
2. Remove four mounting screws (4) from EGR valve motor (3).



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3. Remove valve motor (6) and shim (5) from [EGR valve housing](#) (1). Motor (6) and shim (5) must be kept for reassembly. **The original EGR valve motor and its shim must be reinstalled onto the original EGR valve housing.**

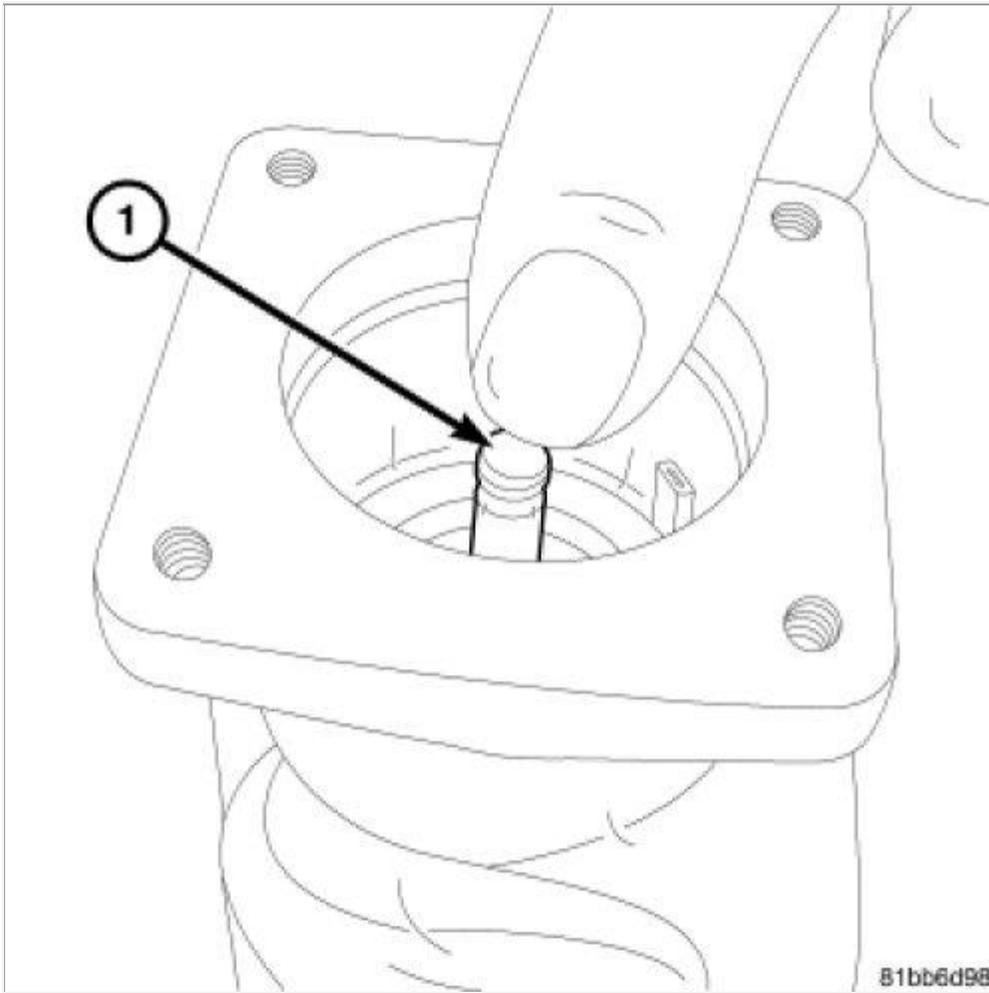


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4. Use two fingers to press down on valve spring retainer (3) to unlock two valve keepers (2). If valve keepers will not release using finger pressure, locate a 5/8" deep socket to the spring retainer (3). Gently tap on the socket with a small hammer to release keepers, then use two fingers and press for keeper removal.

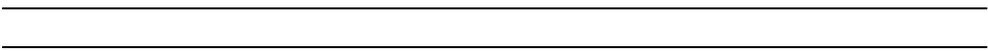
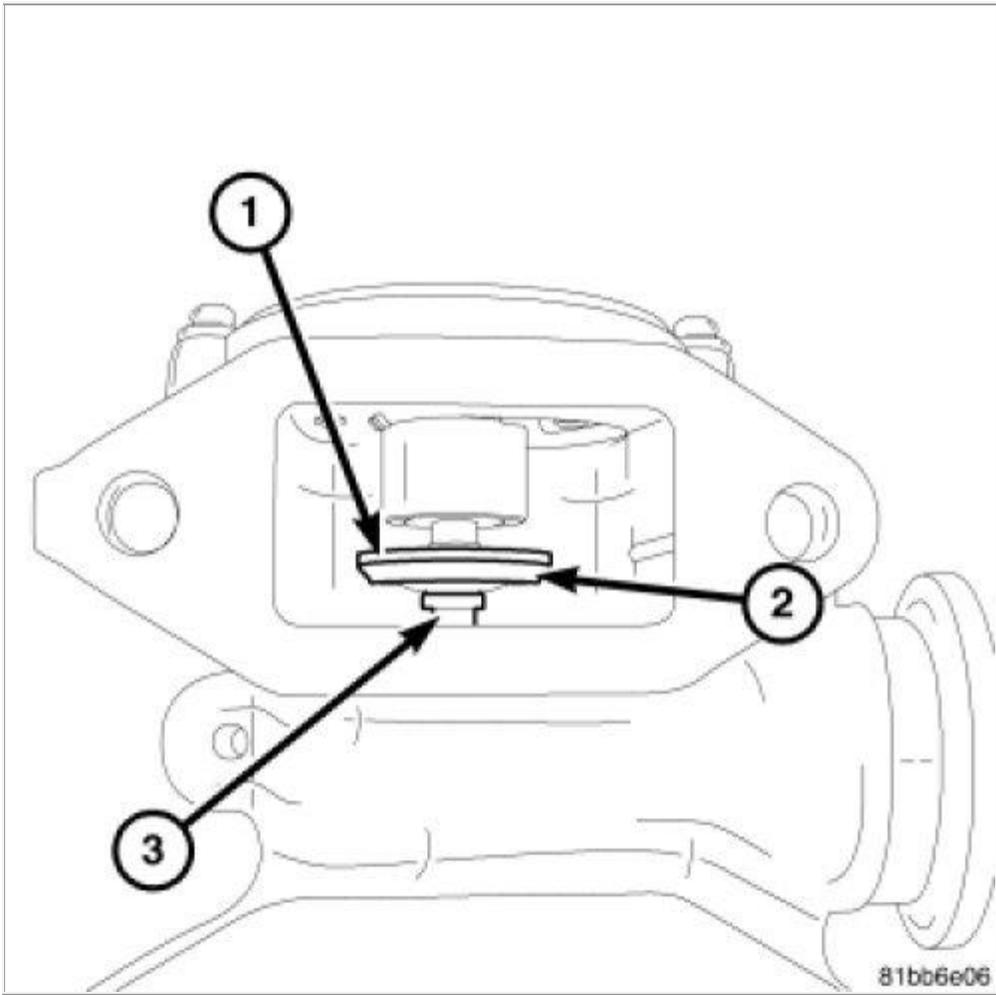


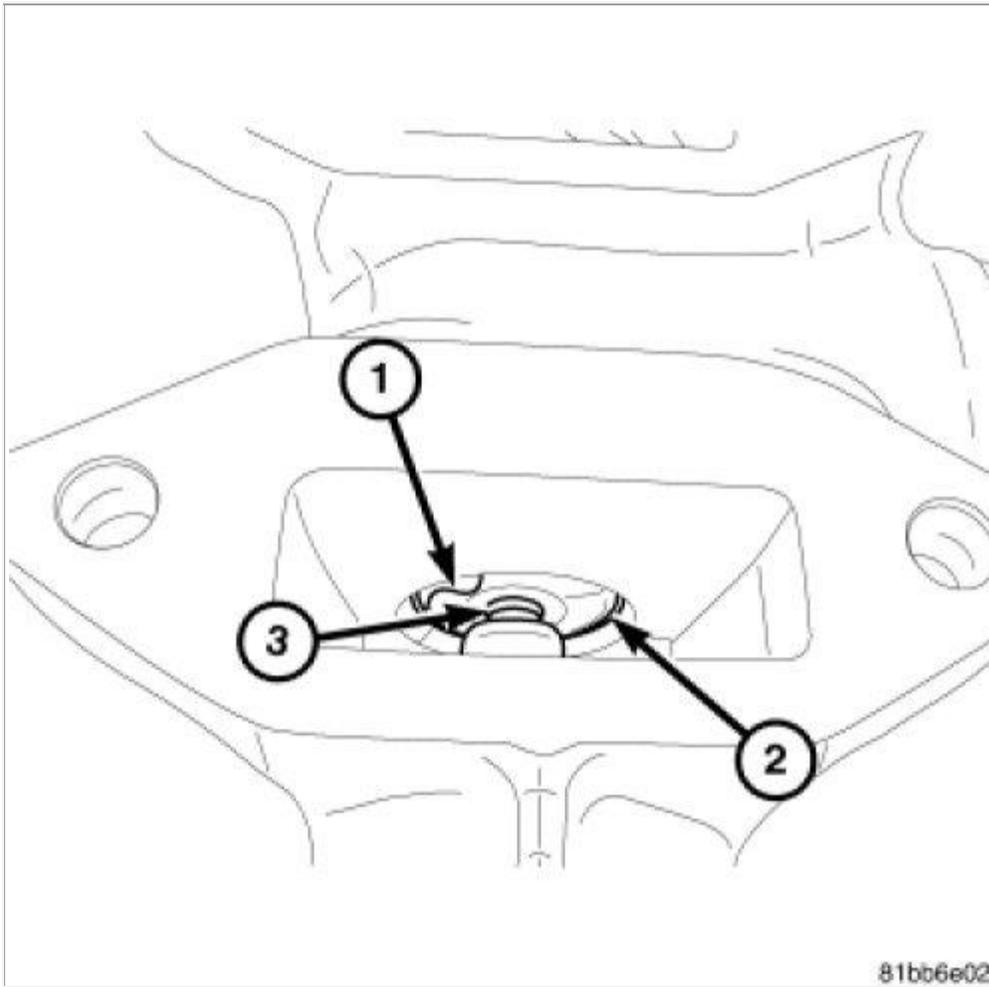
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5. Remove valve spring retainer (3) and valve spring (2).

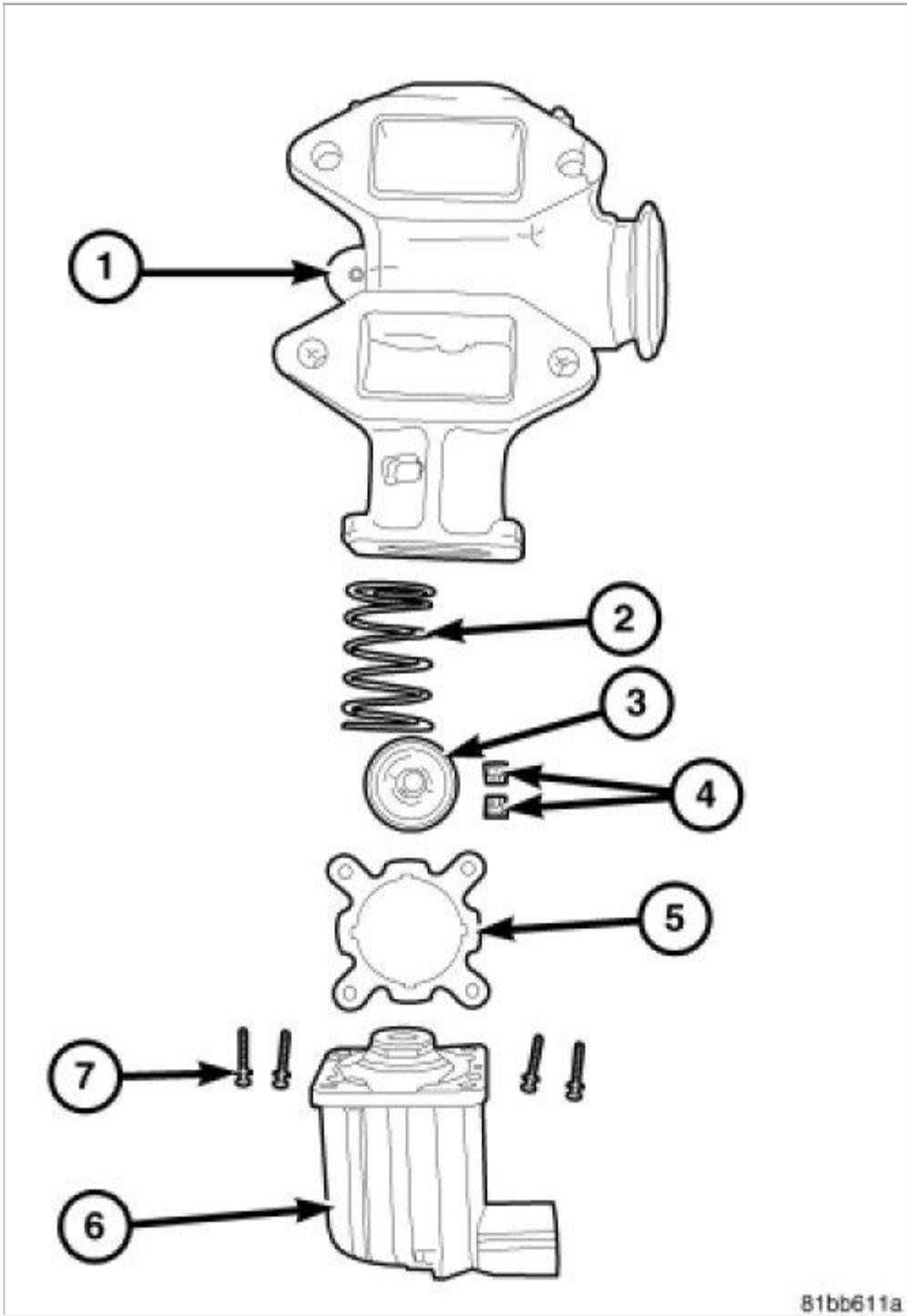


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6. Lightly press on valve stem (1) about 3/8" to force valve faces from valve seats.
 7. Using a small nylon scrubbing brush, lightly brush away loose soot from [EGR valve housing](#).

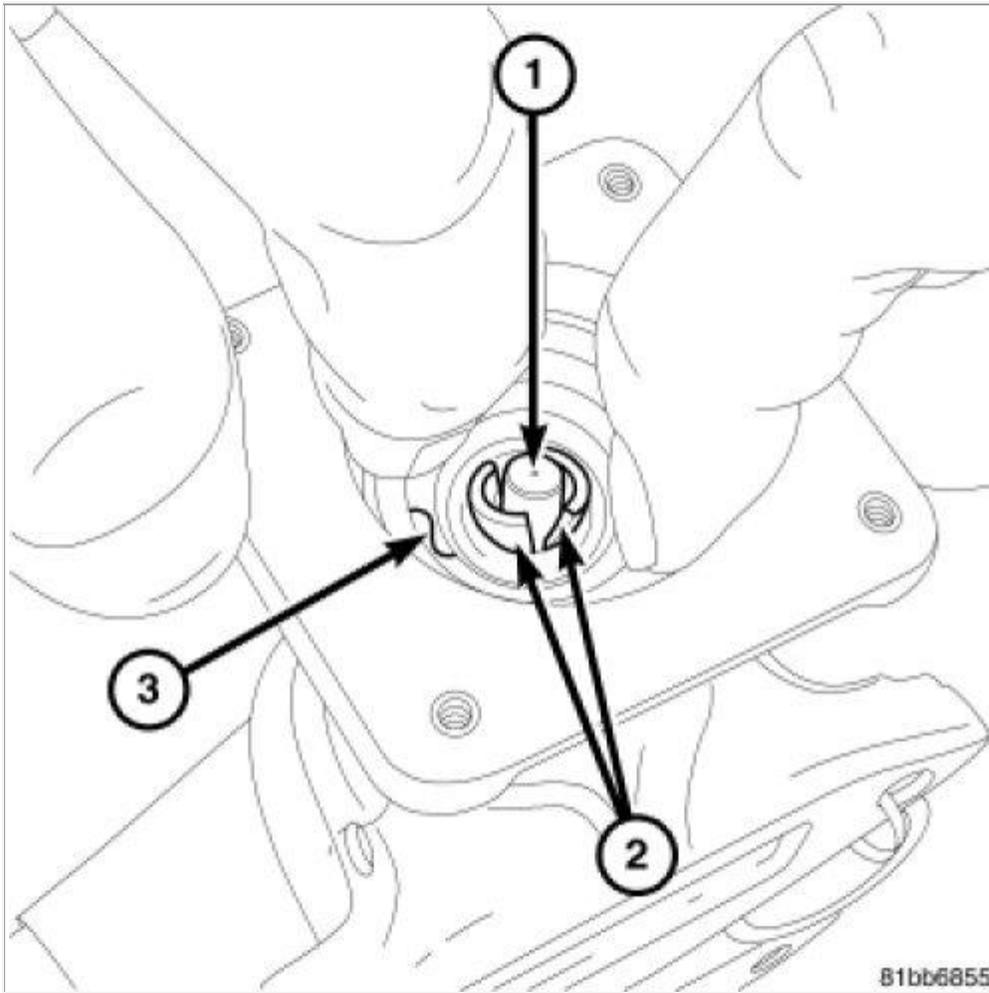




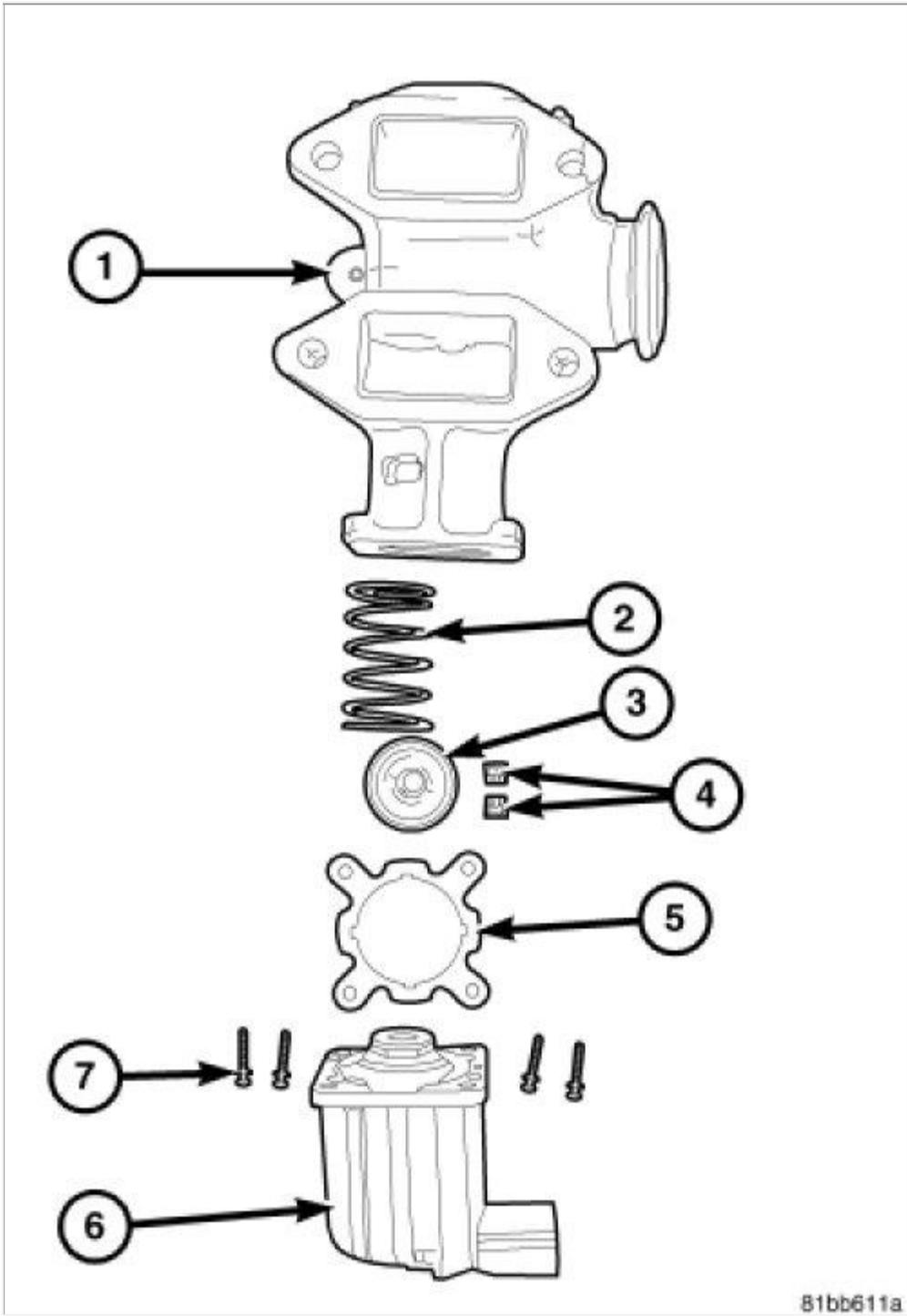
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8. The EGR valve shaft stem (3) is comprised of two valve faces (1) on two valve seats. Using the same small nylon scrubbing brush, lightly brush away loose soot from stem (3), valve seat (2) and also from valve seat on [EGR valve housing](#).
 9. Completely submerge valve housing using a mixture of hot tap water and MOPAR(R) EGR System Cleaner (ESC). Mix cleaning solution 1 part ESC and 4 parts water. Allow cleaning solution to soak for 1 hour.
 10. Remove assembly from cleaning solution. Completely remove remaining soot from valve stems, both valve seats, and both valve faces using a small nylon scrubbing brush. Dispose of cleaning solution per local governmental regulations.
 11. Rinse [EGR valve housing](#) in hot tap water until all cleaning solution is rinsed clean. Dry completely.



12. Assemble valve spring (2) and retainer (3) to housing.



13. Position valve keepers (2). Press down on retainer (3) until grooves on valve keepers lock into valve stem (1).



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14. Install original shim (5) and original motor (6) to housing. Motor is not indexed. Rotate motor until its electrical connector is pointed towards front of vehicle. Install four mounting screws (7).
 15. Install EGR valve assembly to engine.