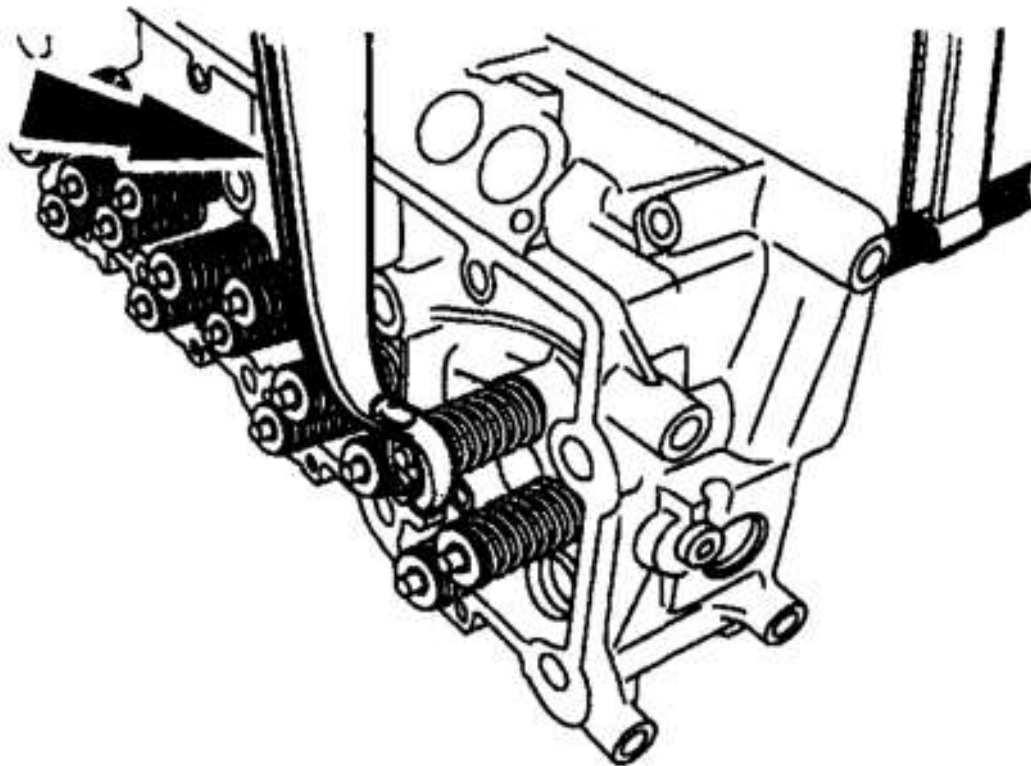


DISASSEMBLY & ASSEMBLY OF SUBASSEMBLIES

CYLINDER HEAD

Disassembly and Assembly

1. Install the Valve Spring Compressor.



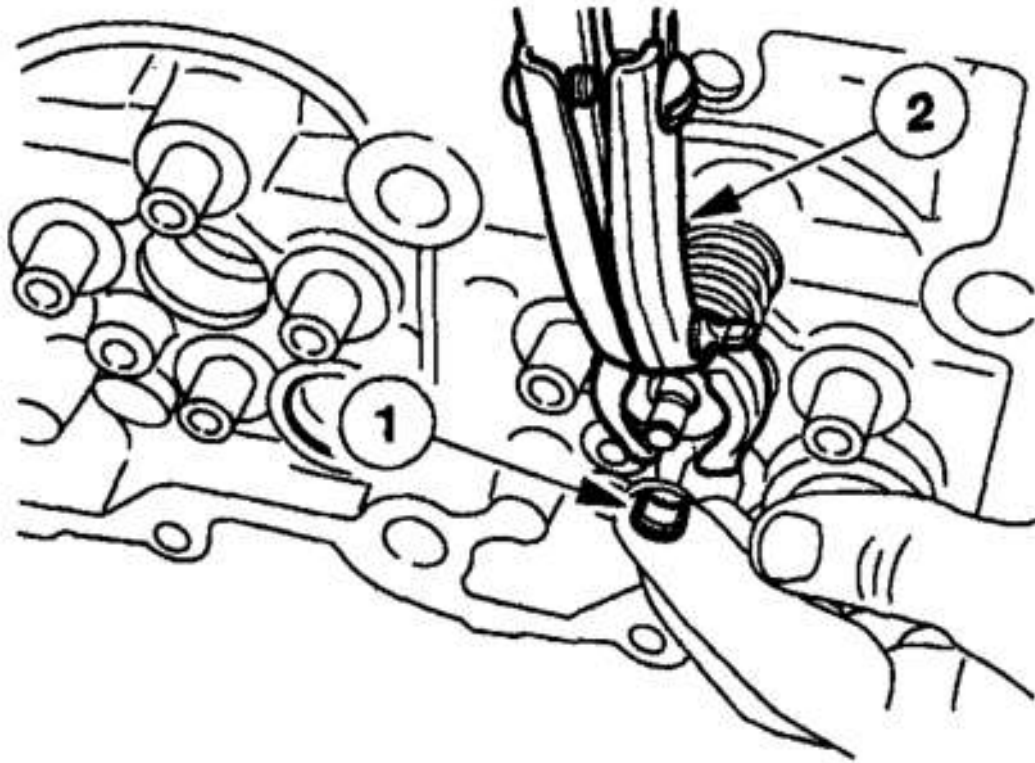
G01549764

Fig. 582: Installing Valve Spring Compressor
Courtesy of FORD MOTOR CO.

2. Remove the valve spring retainer keys.

NOTE: If necessary, strike the valve stem end with a plastic-tipped hammer to loosen the valve spring retainer keys.

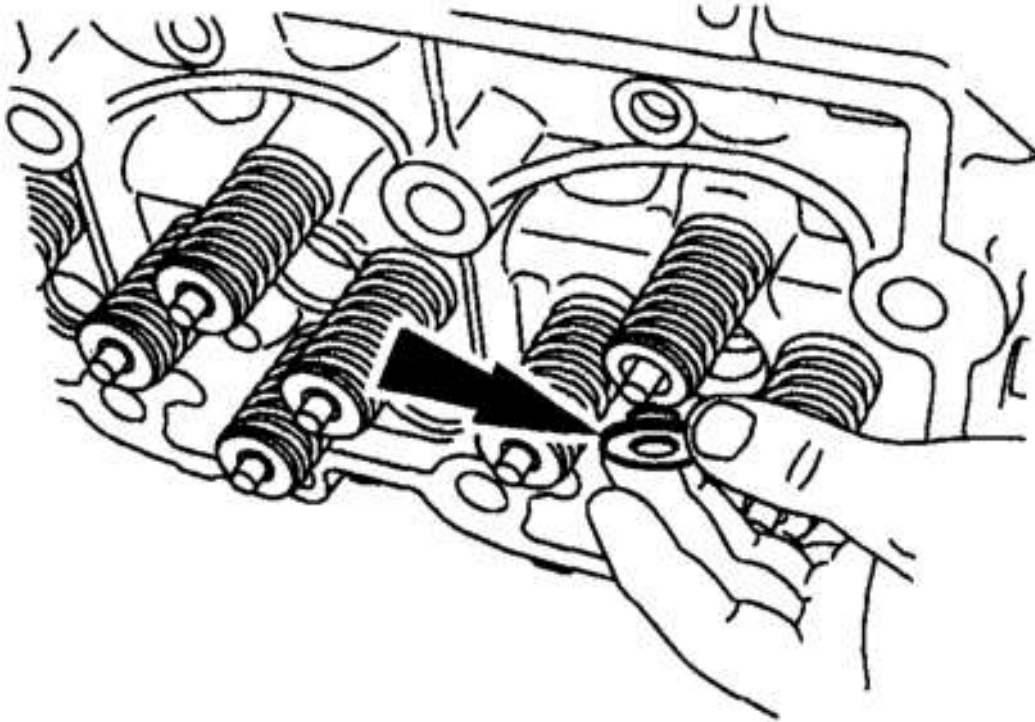
1. Remove the valve spring retainer keys.
2. Remove the valve spring compressor.



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Fig. 583: Removing Valve Spring Retainer Keys
Courtesy of FORD MOTOR CO.

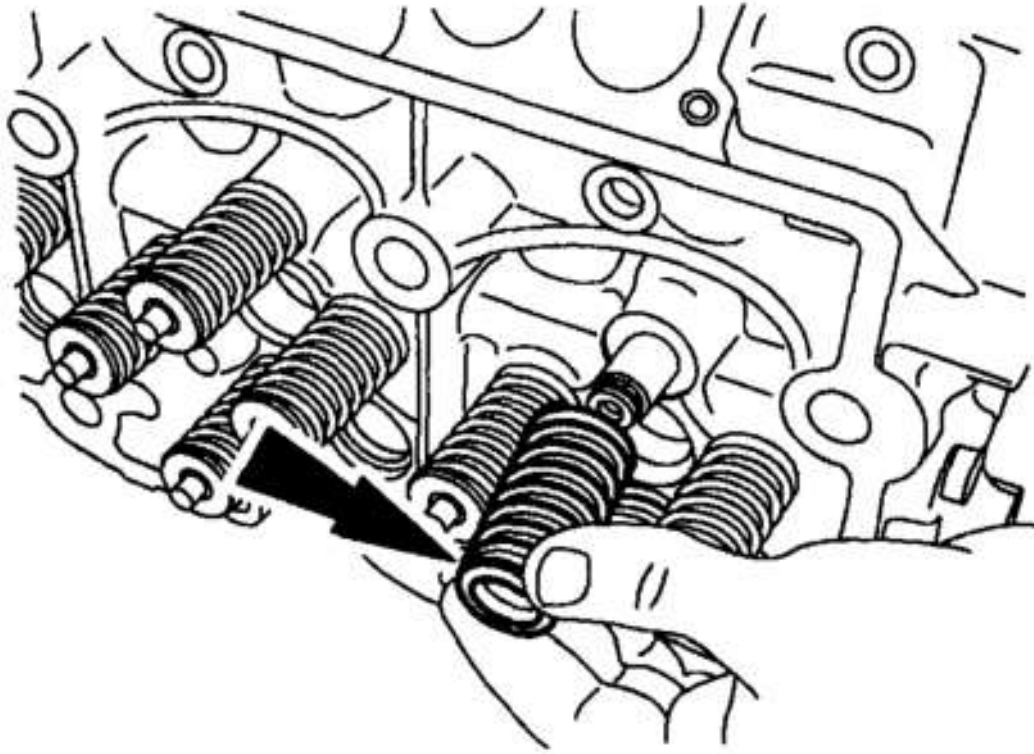
3. Remove the valve spring rotator.



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Fig. 584: Removing Valve Spring Rotator
Courtesy of FORD MOTOR CO.

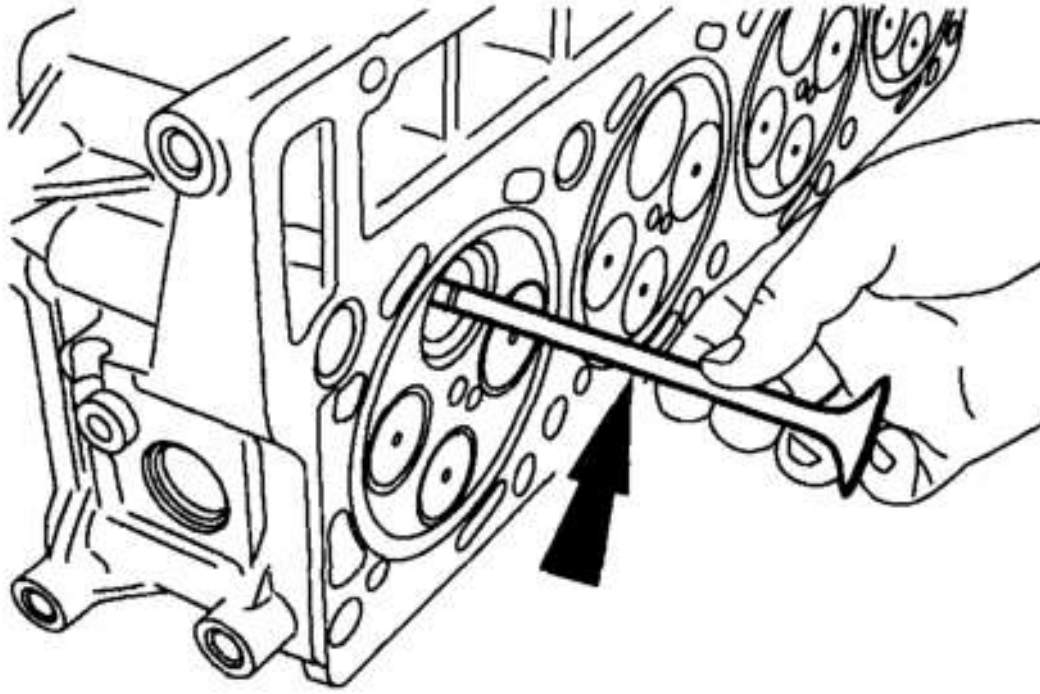
4. Remove the valve spring.



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Fig. 585: Removing Valve Spring
Courtesy of FORD MOTOR CO.

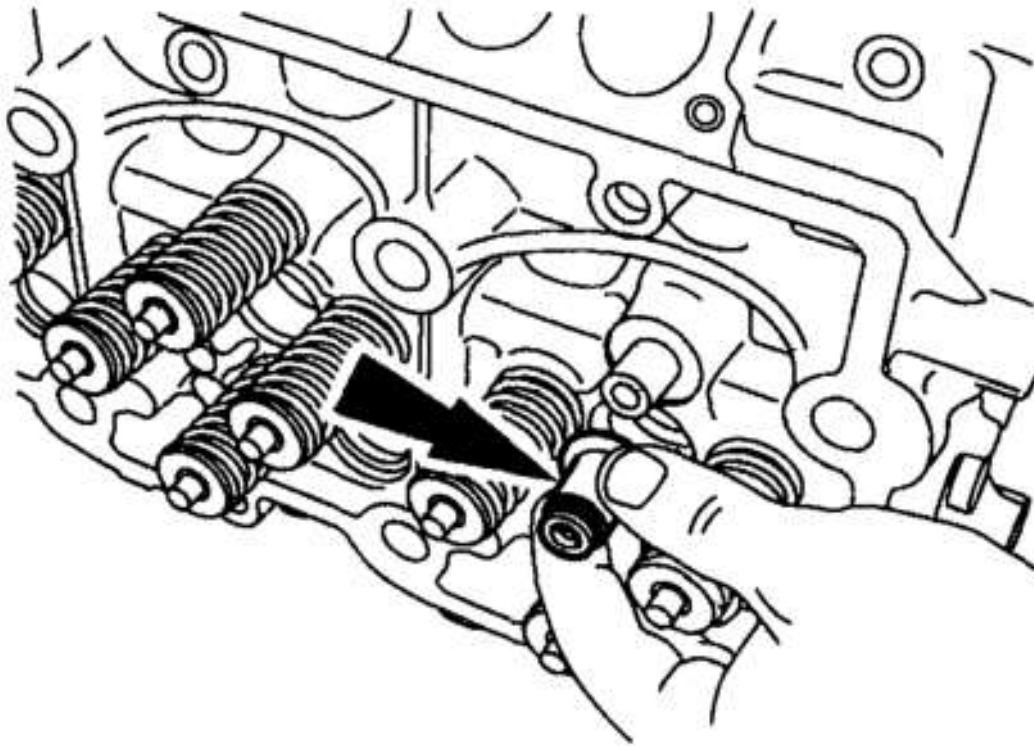
5. Remove the valve.



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Fig. 586: Removing Valve
Courtesy of FORD MOTOR CO.

6. Remove the valve stem seal.



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Fig. 587: Removing Valve Stem Seal
Courtesy of FORD MOTOR CO.

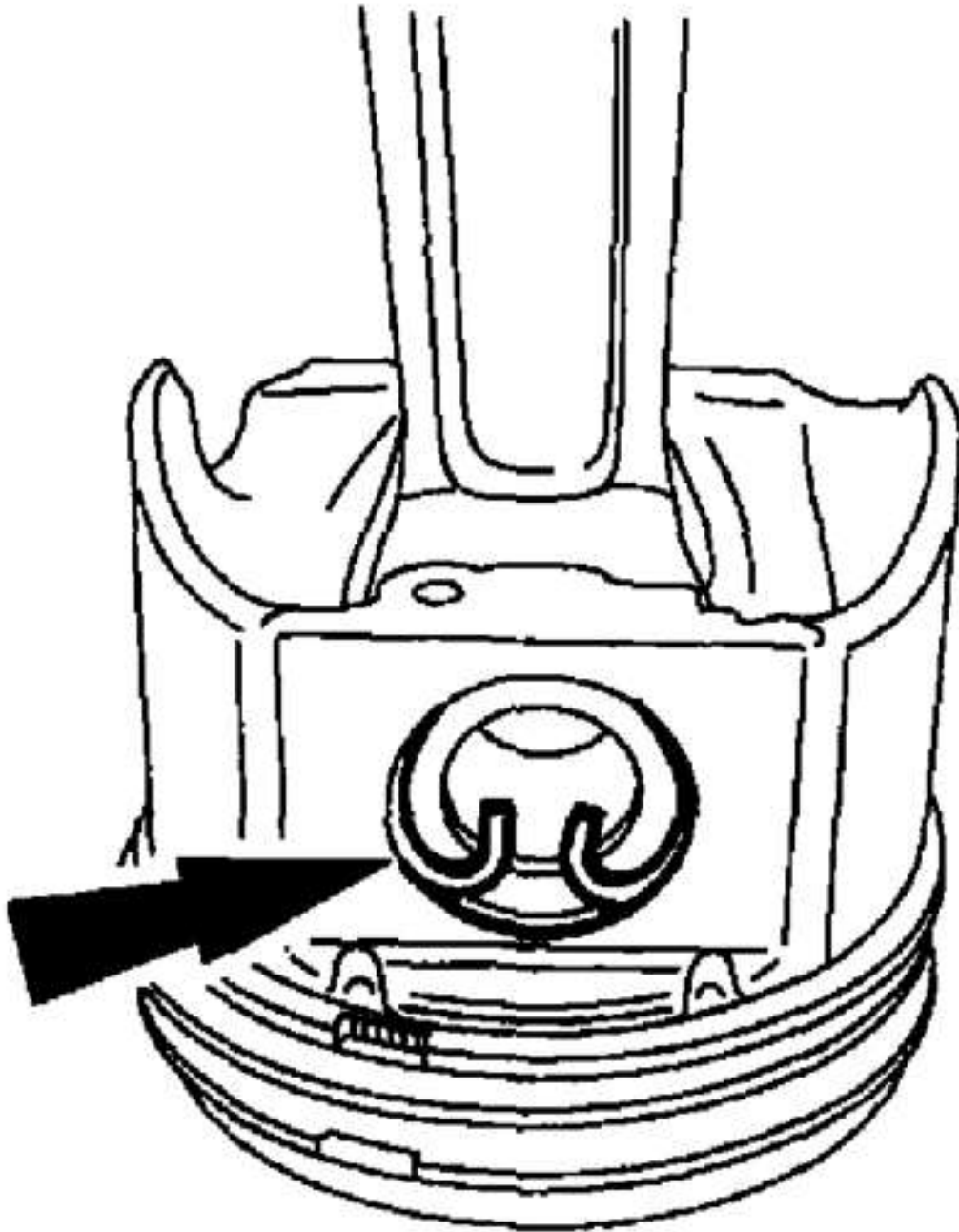
7. To assemble, reverse the disassembly procedure.

PISTON

Disassembly & Assembly

1. Remove the piston pin retainers.

NOTE: Mark the connecting rod and piston to make sure correct orientation on reassembly.



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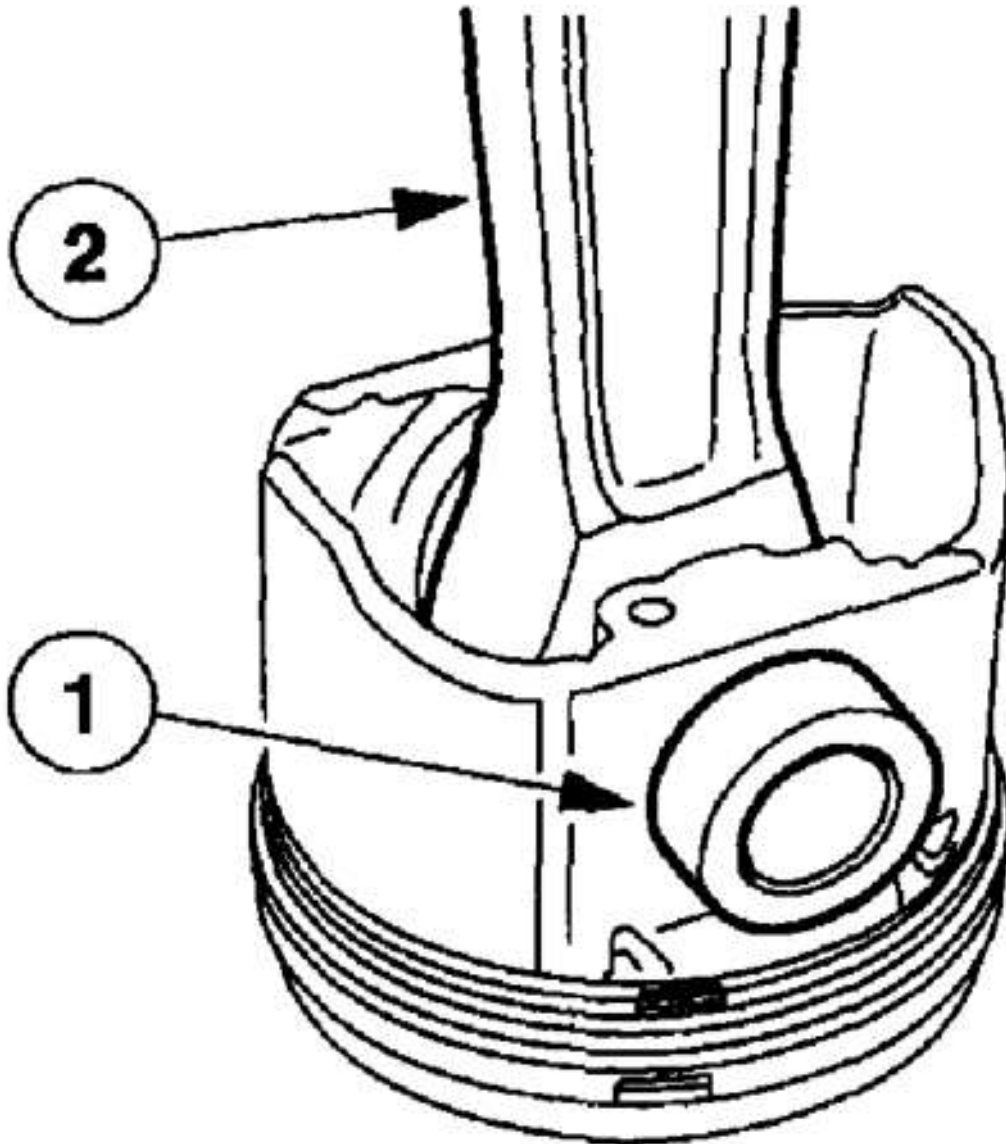
Fig. 588: Identifying Piston Pin Retainers
Courtesy of FORD MOTOR CO.

2. Remove the connecting rod.

NOTE: The piston pins are a floating type piston pin and should not require a

press to remove or install them.

1. Remove the piston pin.
2. Remove the connecting rod.



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Fig. 589: Removing Piston Pin & Connecting Rod
Courtesy of FORD MOTOR CO.

3. To assemble, reverse the disassembly procedure.