

Part # 2112

## Valve Spring Compressor Kit

- Replaces valve springs and valve stem oil seals without the need to remove the cylinder head
- Applications include, but not limited too: BMW, MINI, VW, Audi, Hyundai, Toyota, Lexus, Ford, Lincoln, Nissan, Renault, Opel, Seat, Clio & more
- Components:
  - 1 Pc. - Lever Bar
  - 4 Pc. - Valve Spring Compressor Adapters:
    - 24.75mm (O.D.)
    - 27.50mm (O.D.)
    - 30.25mm (O.D.)
    - 35.50mm (O.D.)
  - 1 Pc. - Slotted/Notched Pulling Device
  - 1 Pc. - Hook Pulling Device
  - 1 Pc. - Connector for Valve Spring Adapters
  - 1 Pc. - Connector for Pulling Device
  - 1 Pc. - Extension for Valve Spring Adapters



**CAUTION:** To prevent injury, always wear gloves and eye protection that meets ANSI Z87.1 and OSHA standards.

**CAUTION:** To prevent equipment damage, clean and lubricate threaded screws and holes before and after use.

### INSTRUCTIONS:

1. Select appropriate size Valve Spring Compressor Adapter and attach to threaded connector at end of Lever Bar.
  - a. Note: Add threaded extension (**Photo #1, marked "C"**), if necessary.
2. Select appropriate Pulling Device, depending on engine.
  - a. Use the Slotted/Notched type (**Photo #1, marked "B"**) and attach to head of threaded bolt, using threaded hole, as available.
  - b. Use the Hook-Type device (**Photo #2 w/ Hook circled "A"**) and hook onto the cylinder head or opposite camshaft, as available.
  - c. Note: Adjust Connector to appropriate hole in lever bar, as needed.
3. Seat Valve Spring Compressor Adapter onto Valve Spring and pull Lever Bar to compress spring (**Photo #3**).

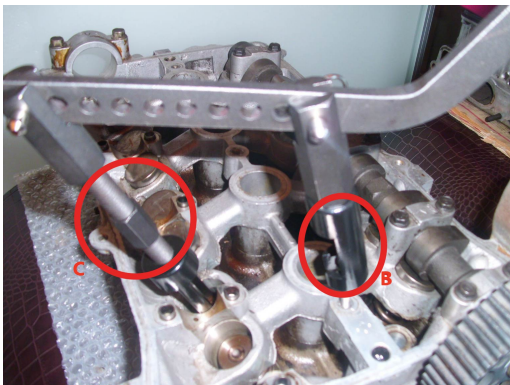


Photo #1

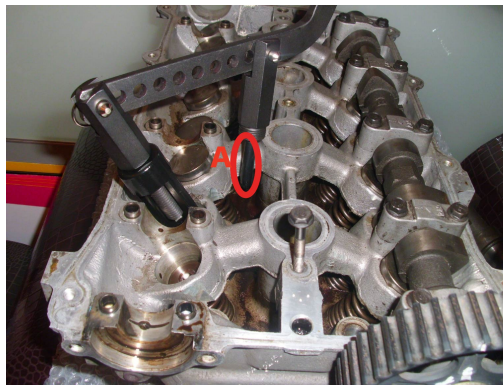


Photo #2



Photo #3

