

User Guide

**LS & LT Steel Dual Valve
Spring Compressor Tool**

GM LS Gen III/IV

GM LT Gen V

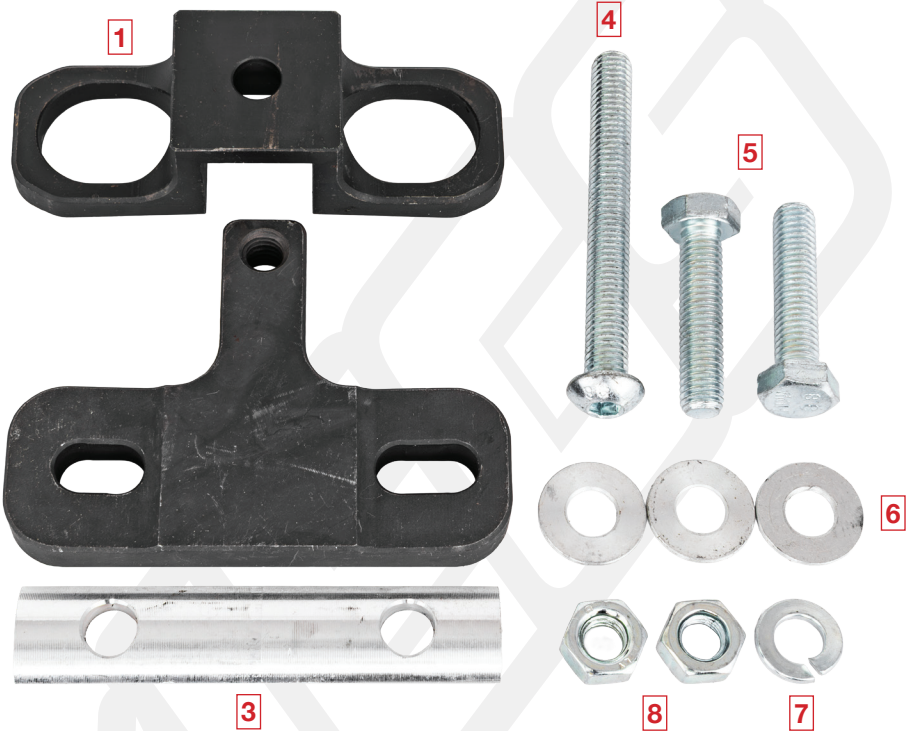
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Table of Contents

Tool Components.....	01	Valve Spring Removal.....	03-04
Notes.....	02	Notes.....	05
Tool Assembly.....	03		

Tool Components

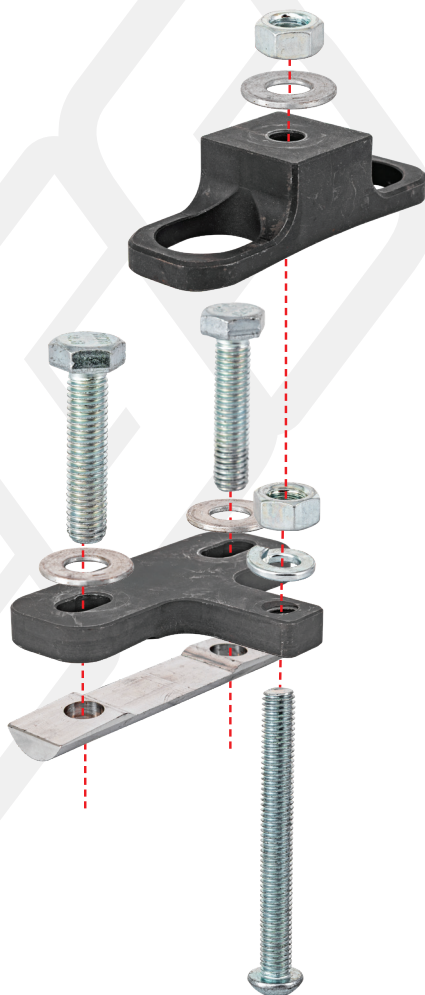


PART #	PART	QTY		PART #	PART	QTY
1	Valve Spring Plate	1		5	Bolt (M8x1.25 35mm)	2
2	Rocker Stand Plate	1		6	Flat Washers (M8)	3
3	Rocker Stand Spacer	1		7	Lock Washer (M8)	1
4	Bolt (M8x1.25 70mm)	1		8	Nut (M8x1.25)	2

Notes

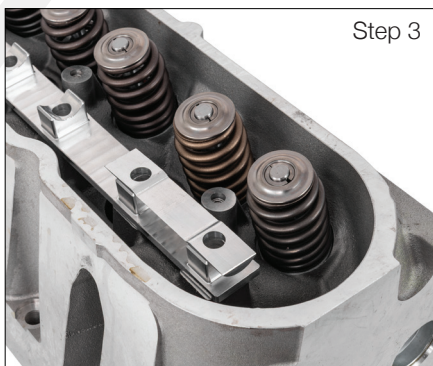
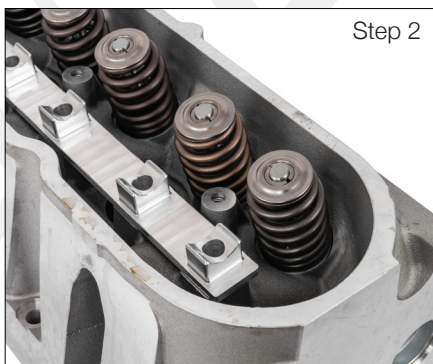
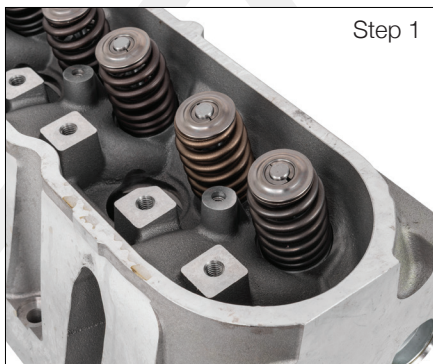
- This valve spring compressor tool is intended for removing and installing valve springs on GM LS and LT cylinder heads that are installed on the engine.
- This tool must be used in conjunction with a means of holding the valves in position
- It is your responsibility to ensure that the valves do not drop into the cylinder bore during disassembly.
 - This can be achieved through the use of air, or other means chosen by the user.
- JEGS is not responsible for any dropped valves or damage incurred during the use of this tool.
- Before use, unbox and verify that all of the kit components are included. See Page 2 for tool components.

Tool Assembly

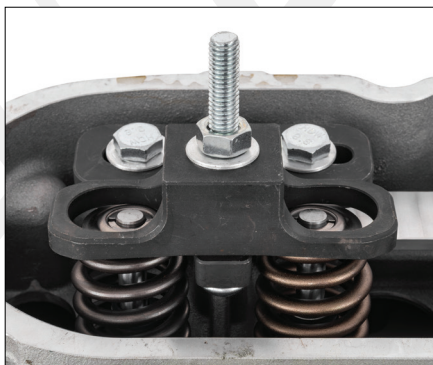
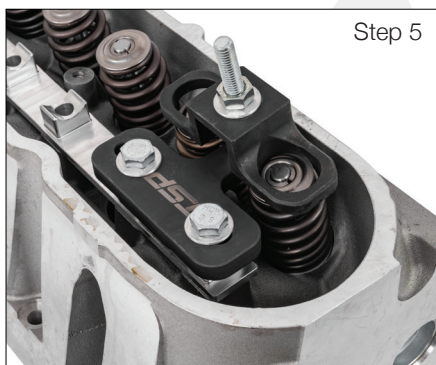


Valve Spring Removal

1. Rotate engine to get cylinder you are working on to TDC.
2. You can verify that, as rockers will be level, and you will be able to see piston top, when you remove spark plug.
3. Remove spark plug, verify piston is up.
4. Implement your method of securing the valves in the head.
5. Remove the rocker arms from the cylinder that you are working on.
6. Lay the **Aluminum Spacer (#3)** onto rocker stand.
7. Install **Rocker Stand Plate (#2)** with supplied (2) **M8 35mm Bolts (#5)**.
8. Tighten bolts to 25 ft lbs.
9. Install **Valve Spring Plate (#1)**.
10. Thread **M8 Nut (#8)** down to compress valve springs.
11. Remove valve keepers.
12. Loosen **M8 Nut** to release tension of valve springs.
13. Remove **M8 Nut**.
14. Remove **Valve Spring Plate**.
15. Remove valve springs and retainer.
16. Install valve springs as valve spring manufacturer indicates.
17. Reverse process to complete.



Valve Spring Removal Contd.



Notes

[illegible]



If any components of this valve spring compressor kit are missing or damaged, or if you have any questions contact us at 1.800.345.4545

Return Information: *Once this valve spring compressor kit has been modified, it will not be accepted for return.*