



Instructions for

## Trick Flow Valve Spring Compressor

TFS-90306 (LS1, LS2 and LS6) & TFS-90307 (LS3 and L92)

Thank you for choosing the Trick Flow LS Valve Spring Compressor Tool. Make valvetrain servicing on your engine easier with Trick Flow® valve spring compressors. These specially made tools can remove the valve springs with cylinder heads mounted to the engine block, even on engines already installed in the vehicle. And, they make track changes quicker! Trick Flow® valve spring compressors are a must for servicing valve springs, retainers, camshafts, and valve seals.

### Parts Checklist

- (1) Spring compressor plate
- (1) Spring compressor base
- (2) M8 x 1.25 x 25mm bolts
- (1) 5/16-18 x 2.50" set screw
- (2) 5/16-18 hex nuts
- (1) 5/16" flat washer

### Instructions

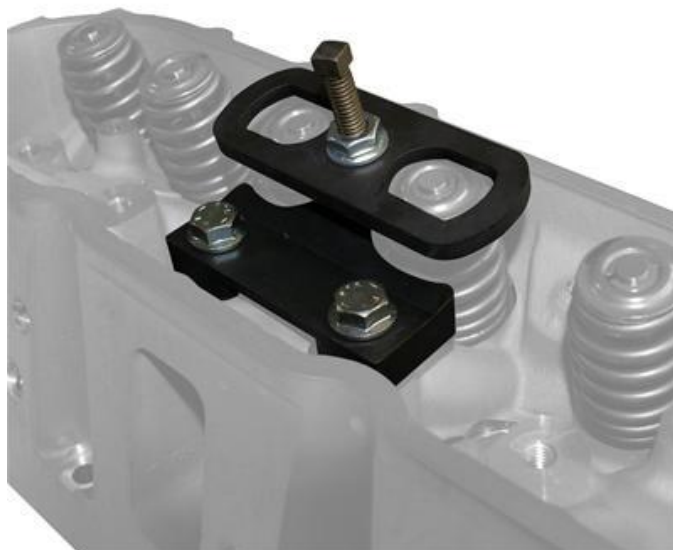
1. Assemble the spring compressor as shown in the picture. Please note that the washer goes between the top nut and the compressor plate. Also, there is a nut that is installed between the two plates to lock the set screw to the base plate.
2. Leave the top nut at the highest point, so that mounting to the head is effortless.

#### **SPECIAL WARNING**

If possible, use a Moroso Spark Plug Hole Air Hose Kit (62385) to make sure that the valves do not fall into the cylinder.

Also, use clean rags to block the oil return passages so that the locks do not fall into the engine.

3. With the rockers and rocker stands removed, attach the spring compressor base plate with the two M8 bolts.
4. Next, line up the compressor plate over the retainers and slowly tighten the top nut on the set screw towards the compressor plate.
5. Be sure that the plate does not interfere with the valve locks as you tighten the top plate down.
6. Continue to tighten the top plate until the locks can be removed.
7. Loosen the top nut once the locks have been removed to relax the springs.



## **Ultimate Bolt-On Performance® Lifetime Warranty**

**Trick Flow Specialties cylinder head castings are backed by a lifetime warranty. If a cylinder head casting fails to provide the original purchaser with complete satisfaction, Trick Flow Specialties will repair or replace it free of charge — guaranteed!**

Moreover, the valves, valve guides, valve seats, valve job, valve springs, valve spring retainers, valve locks, rocker arm studs, guideplates, and valve stem seals included on assembled Trick Flow Specialties cylinder heads are warranted to the original purchaser to be free from defects in materials and workmanship for a period of two years from the date of purchase. All other Trick Flow Specialties products are warranted to be free from defects in materials and workmanship for a period of 90 days. There are no mileage limitations.

### **Extent of Warranty**

Customers who believe they have a defective product should return it to the dealer from which they purchased or ship it freight prepaid to Trick Flow Specialties along with proof of purchase and a complete description of the problem. If a thorough inspection indicates defects in materials or workmanship, our sole obligation is to repair or replace the product.

This warranty is only if the product is properly installed, subjected to normal use and service, did not fail due to owner negligence or misuse, and has not been altered or modified.

Trick Flow Specialties warranties do not cover any installation or removal costs.

Trick Flow Specialties is not liable for consequential damages for breach of contract of any warranty in excess of the purchase price of the product sold.

### **PROPOSITION 65 WARNING**

This product may contain one or more substances or chemicals known to the state of California to cause cancer, birth defects or other reproductive harm.

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