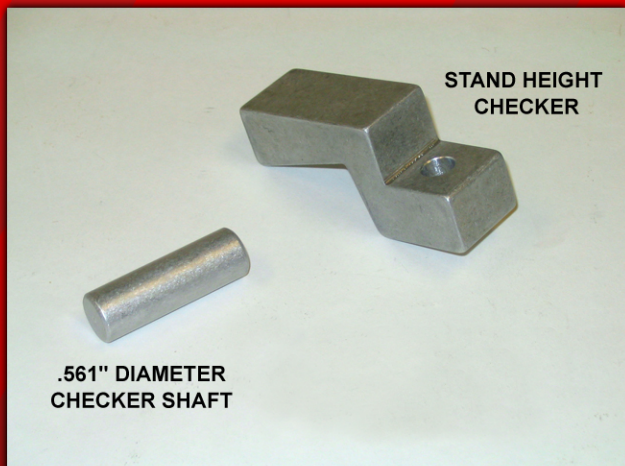


# **JESEL**

VALVETRAIN INNOVATION

## **INS - 24007**

# Instruction Sheet Stand Height Checker



THE STAND HEIGHT CHECKER INCLUDED WITH THIS ROCKER KIT IS TO HELP DETERMINE THE CORRECT STAND TO VALVE TIP GEOMETRY.

PROPER ROCKER GEOMETRY IS CRUTIAL TO THE PERFORMANCE OF YOUR VALVETRAIN AND HELPS ELIMINATE EXCESSIVE VALVEGUIDE WEAR.



THE STAND HEIGHT CAN BE CHECKED WITH THE HEAD EITHER ON A BLOCK OR WITH THE HEAD SITTING ON A BENCH.

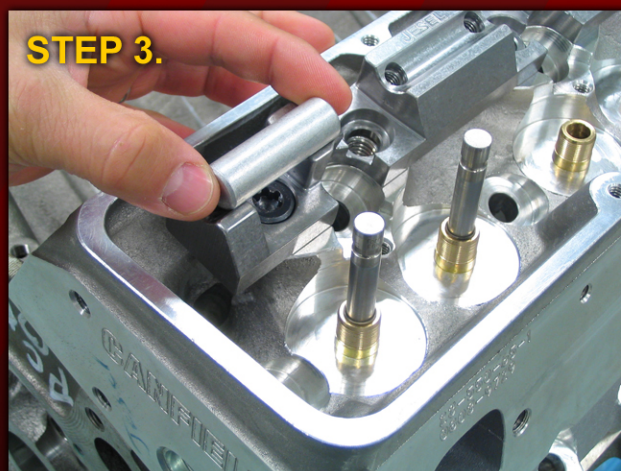
THE VALVE SPRINGS MUST BE REMOVED FOR THIS OPERATION.

IT IS ADVISABLE TO PUT EITHER VALVE SEALS OR O-RINGS ON THE VALVE STEMS TO KEEP THE VALVES FROM DROPPING THROUGH THE GUIDES.



WITH THE PROPER INTAKE AND EXHAUST VALVE INSTALLED, BOLT THE ROCKER STAND TO THE CYLINDER HEAD WITHOUT USING ANY SHIMS.

TIGHTEN BUT DO NOT TORQUE THE STAND BOLTS AT THIS TIME.



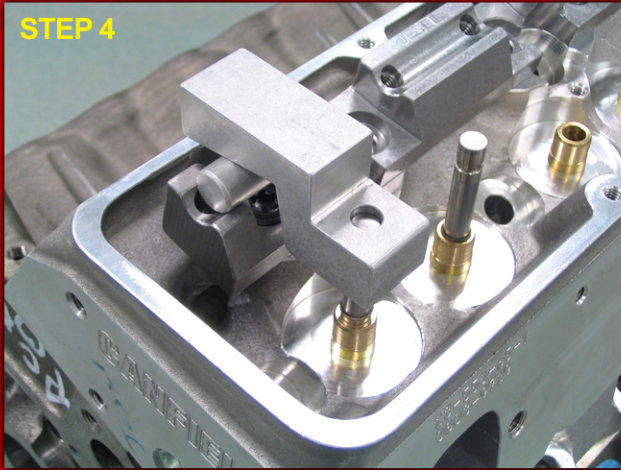
LOCATE AND PLACE THE ALUMINUM .561" DIAMETER CHECKER SHAFT ONTO THE ROCKER STAND.

A ROCKER SHAFT MAY BE USED IN PLACE OF THE ALUMINUM CHECKER SHAFT.

THESE INSTRUCTION SHEETS ARE INTENDED AS REPRESENTATIONS ONLY. JESEL IS IN NO EVENT LIABLE FOR CONSEQUENTIAL DAMAGE, INSTALLATION COST OR OTHER COST OF ANY NATURE. NO REPRESENTATIVE IS AUTHORIZED TO ASSUME FOR JESEL ANY OTHER LIABILITY IN CONNECTION WITH ANY JESEL PRODUCT. NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.



#### STEP 4



WITH THE VALVE IN THE CLOSED POSITION, SLIDE THE CHECKER OVER THE VALVE STEM AND ALLOW IT TO REST ON THE CHECKER SHAFT.

ADJUST THE STAND HEIGHT UNTIL THE TIP OF THE VALVE IS WITHIN THE TOLERANCE LISTED TO THE RIGHT.

IF YOU ARE RUNNING A LASH CAP ON THE TIP OF YOUR VALVE, YOU NEED TO TAKE INTO CONSIDERATION THE THICKNESS OF THE CAP AND ADJUST THE STAND HEIGHT ACCORDINGLY.

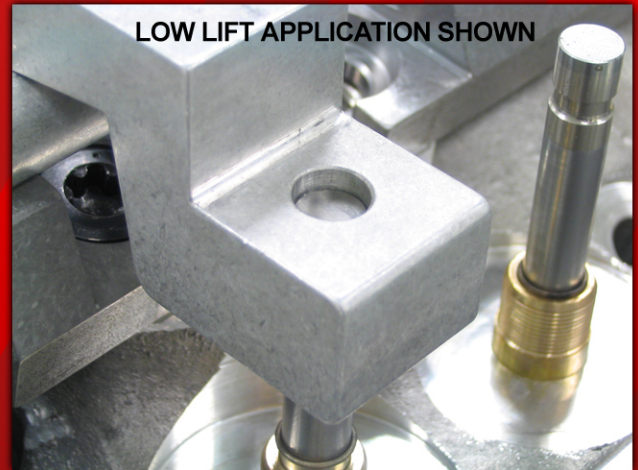
#### WARNING:

WHEN SHIMMING THE STANDS, ALWAYS NOTE THAT THERE IS ENOUGH THREAD ENGAGEMENT INTO THE CYLINDER HEAD. OPTIONAL LONGER STAND BOLTS ARE AVAILABLE IF NEEDED.

WE DO NOT RECOMMEND MACHINING THE BOTTOM OF THE ROCKER STAND. THERE ARE MINIMUM DIMENSIONS REQUIRED TO SECURE THE STAND PROPERLY. IF YOU FIND IT NECESSARY TO LOWER THE STAND, WE RECOMMEND EITHER MACHINING THE CYLINDER HEAD, RUNNING LASH CAPS OR INSTALLING A LONGER LENGTH VALVE.

FOR CUSTOM VALVE LENGTH APPLICATIONS WHERE SHIMMING IS NOT AN OPTION, PLEASE CONTACT THE JESEL SALES DEPARTMENT. JESEL CAN MAKE CUSTOM STANDS TO YOUR SPECIFICATIONS.

#### LOW LIFT APPLICATION SHOWN



THE STAND HEIGHT CHECKER WAS DESIGNED TO OBTAIN PROPER GEOMETRY FOR A .600"-.800" VALVE LIFT APPLICATION.

FOR VALVE LIFT IN THE .600"-.800" RANGE, SET THE STAND HEIGHT SO THE VALVE TIP IS FLUSH WITH THE SURFACE OF THE TOOL.

IF YOUR TOTAL LIFT IS LESS THAN .600", WE RECOMMEND RAISING THE STAND HEIGHT.

(VALVE -.050" BELOW CHECKER SURFACE)

IF YOUR TOTAL LIFT IS GREATER THAN .800", WE RECOMMEND LOWERING THE STAND HEIGHT.

(VALVE +.050" ABOVE CHECKER SURFACE)

#### AVAILABLE HEIGHT CHECKERS

TOL-29350 5/16" VALVE STEM  
TOL-29351 11/32" VALVE STEM  
TOL-29352 3/8" VALVE STEM  
TOL-29356 6mm VALVE STEM  
TOL-29357 7mm VALVE STEM

#### AVAILABLE STAND BOLTS

BLT-21890 7/16-14 X 0.750" T-50  
BLT-21891 7/16-14 X 0.875" T-50  
BLT-21892 7/16-14 X 1.000" T-50  
BLT-21896 7/16-14 X 1.125" T-50  
BLT-21893 7/16-14 X 1.250" T-50  
BLT-21894 7/16-14 X 1.500" T-50

#### AVAILABLE SHIM KITS

KRS-28100 SMALL BLOCK SHIM KIT  
KRS-28150 BIG BLOCK SHIM KIT  
KRS-28200 18° BIG CHIEF, BIG DUKE  
KRS-28250 14° OLDS SPREAD PORT

# JESEL

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