

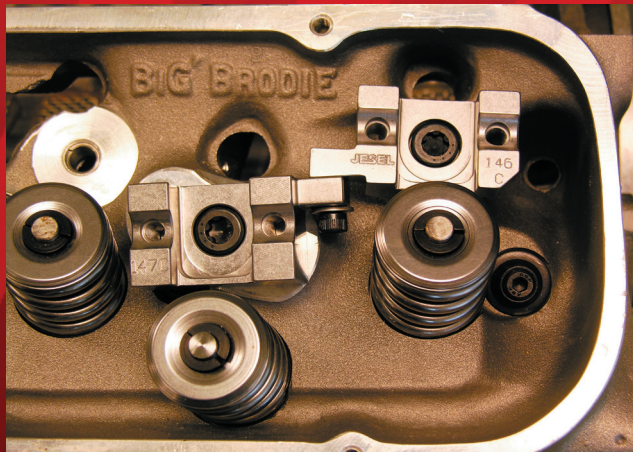
# JESEL

VALVETRAIN INNOVATION

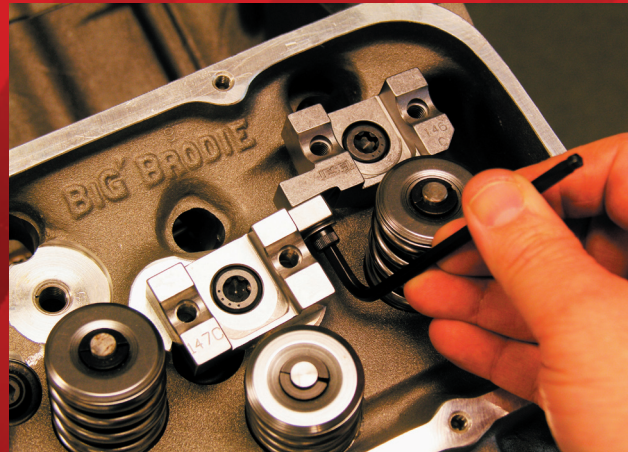
1985 Cedarbridge Ave  
Lakewood, NJ 08701  
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## INS-14687

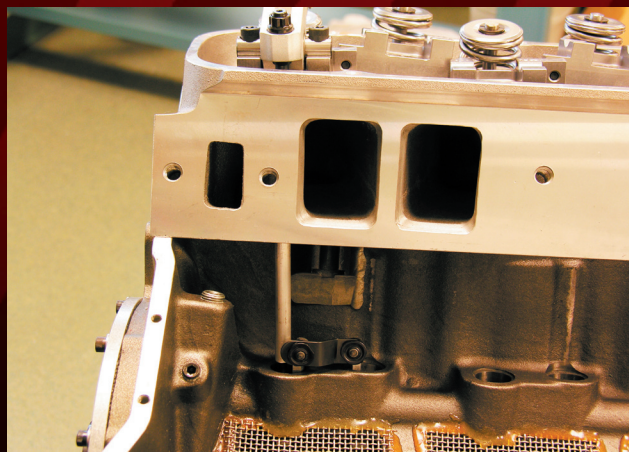
### Instruction Sheet Chevrolet BB Individual Bolt Together Stands



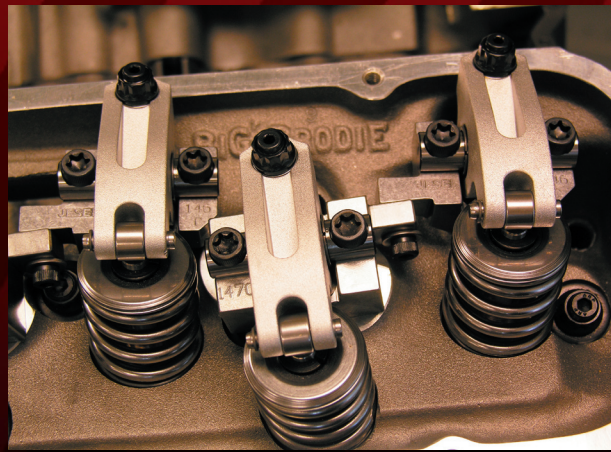
**STEP 1:** INSTALL INTAKE AND EXHAUST STANDS LEAVING 1/4-20 ATTACHING BOLT SNUG BUT LOOSE. APPLY THREAD SEALANT TO INTAKE BOLT AND OIL TO EXHAUST BOLT. TORQUE BOLTS TO **60-65 FT/LBS** ON ALUMINUM HEADS AND **65-70 FT/LBS** ON CAST IRON HEADS. USE THE LONGEST BOLT POSSIBLE FOR MAXIMUM THREAD ENGAGEMENT.



**STEP 2:** ONCE THE INTAKE AND EXHAUST STANDS ARE PROPERLY FASTENED, TORQUE THE 1/4-20 x 3/4" JOINING BOLT TO **12 FT/LBS**. IF THE STANDS ARE SHIMMED TO COMPENSATE FOR A LONGER LENGTH VALVE, THE STANDS MAY NEED TO BE MODIFIED TO SECURE THEM TOGETHER.



**STEP 3:** CHECK FOR PUSHROD TO CYLINDER HEAD INTERFERENCE AND CORRECT IF NEEDED. THE PUSHROD SHOULD NOT BE ALLOWED TO TOUCH THE HEAD OR BLOCK THROUGH ANY PORTION OF ITS TRAVEL. MEASURE FOR PUSHROD LENGTH NEEDED AND ORDER PUSHRODS. INSTRUCTIONS FOR MEASURING PUSHROD LENGTH ARE INCLUDED WITH PUSHROD LENGTH MEASURING TOOL **TOL-29450**.



**STEP 4:** **LUBRICATE** THE TIPS OF THE INTAKE AND EXHAUST PUSHRODS USING THE SUPPLIED HIGH PRESSURE LUBE. INSTALL EACH ROCKER ARM WHEN THE CAM LOBE IS ON ITS BASE CIRCLE AND TORQUE THE 5/16-18 X 1" SHAFT BOLT TO **26-28 FT/LBS**. NEVER TORQUE SHAFT BOLTS WHEN THE ROCKER IS UNDER ANY SPRING LOAD AS SHAFT DAMAGE MAY OCCUR.

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revised 04/08



## HARDWARE KIT COMPONENTS:

| Quan | Part Number | Description                      |
|------|-------------|----------------------------------|
| 32   | BLT-21760   | 5/16-18 x 1.000" T-45 Shaft Bolt |
| 16   | BLT-21892   | 7/16-14 x 1.000" T-50 Stand Bolt |
| 16   | BLT-21893   | 7/16-14 x 1.250" T-50 Stand Bolt |

## AVAILABLE SERVICE TOOLS

|           |                     |
|-----------|---------------------|
| TOL-19210 | T-45 Torx Socket    |
| TOL-19221 | T-50 Torx Socket    |
| TOL-29400 | 5pc Checker Pushrod |

## TORQUE SPECS:

|                         |                |
|-------------------------|----------------|
| 5/16-18 T-45 Shaft Bolt | 26-28 FT / LBS |
| 7/16-14 T-50 Stand Bolt | 60-65 FT / LBS |
| Adjuster Nut            | 22-27 FT / LBS |

Torque specs listed above are the recommended torque specs when using 30wt engine oil as a lubricant. Torque specs will be lower if using a Moly based lubricant. To convert to Newton/meters, multiply lbs-ft by 1.356. The torque values listed are intended to be for general information. Actual torque values may vary depending upon your application.

## INSTALLATION CHECK LIST

- CHECK STAND HEIGHT (IF APPLICABLE)
- CHECK FOR PUSHROD CLEARANCE
- CHECK FOR VALVECOVER CLEARANCE
- DETERMINE PUSHROD LENGTH
- PRELUBE PUSHRODS / ADJUSTERS
- TORQUE ALL HARDWARE TO SPEC

## WARNING

- IF IN DOUBT, CALL JESEL TECH DEPT AT (732) 901-1800.
- MAKE SURE PUSHROD TIP COMFORMS TO ADJUSTER CUP.
- APPLY THREAD SEALANT TO ALL BOLTS EXPOSED TO WATER.
- DO NOT DEGREASE ROCKER AND RUN WITHOUT LUBRICATION.
- DO NOT LET PUSHRODS RUB AGAINST CYLINDER HEADS OR BLOCK.
- DO NOT BOLT DOWN OR REMOVE ROCKERS UNDER ANY SPRING LOAD.
- ALWAYS LUBRICATE PUSHROD TIPS AND ADJUSTERS WITH SUPPLIED LUBE.
- APPLY THREAD SEALANT TO ALL BOLTS PROTRUDING INTO INTAKE PORTS.
- DO NOT OVER-TORQUE ADJUSTER NUTS - ALWAYS FOLLOW TORQUE SPECS.
- DO NOT RUN WITH ADJUSTER MORE THAN 2 TURNS OUT FROM SEATED POSITION.
- DO NOT MACHINE ADJUSTER COUNTERBORE TO COMPENSATE FOR A LONG PUSHROD
- DO NOT "FLY-CUT" UNDERSIDE OF ROCKER ARM FOR ADDITIONAL SPRING CLEARANCE.

## ROCKER SERVICE PARTS:

| Part Number | Description                       |
|-------------|-----------------------------------|
| ADJ-20230   | Valve Lash Adjuster               |
| WSH-29800   | Valve Lash Adjuster Washer        |
| NUT-24500   | Valve Lash Adjuster Nut           |
| BRG-20610   | Shaft Bearing, 9/16 ID x 3/4 Long |
| SFT-28005   | Rocker Shaft                      |
| RNG-26210   | Rocker Retaining Ring             |
| SPC-28360   | Nylon Spacer                      |

## ADJUSTER OPERATING RANGE

THE OPERATING RANGE FOR THE LASH ADJUSTER IS 1/4 TO 2 TURNS OUT FROM THE SEATED POSITION. THE ROCKERS ARE SHIPPED FROM JESEL WITH THE ADJUSTERS SET 1 TURN OUT FROM THE SEATED POSITION. IF ADJUSTER IS MORE THAN 2 TURNS OUT, USE A LONGER PUSHROD. IF ADJUSTER IS LESS THAN 1/4 TURN FROM SEATED POSITION, USE A SHORTER PUSHROD. **NEVER** MODIFY ADJUSTER COUNTERBORE TO COMPENSATE FOR A PUSHROD THAT IS TOO LONG.

## VALVE LASH ADJUSTMENT

- 1) ROTATE ENGINE UNTIL EXHAUST ROCKER BEGINS TO OPEN. SET INTAKE LASH TO DESIRED SPEC.
- 2) ROTATE ENGINE UNTIL INTAKE ROCKER BEGINS TO RETURN FROM FULL LIFT. SET EXHAUST LASH TO SPEC.
- 3) REPEAT FOR REMAINING CYLINDERS FOLLOWING THE FIRING ORDER.

Maintain your valvetrain properly with Logan-Smith's Spring Pressure Tester and Torque Wrench Valve Lash tool.



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