

JESEL

VALVETRAIN INNOVATION

1985 Cedarbridge Ave
Lakewood, NJ 08701
732-901-1800

INS-01911

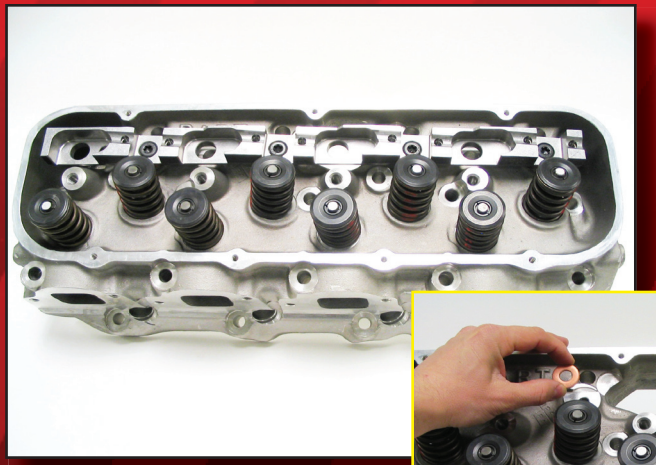
Instruction Sheet

Chevrolet BB

One Piece Intake / Individual Exhaust Stands



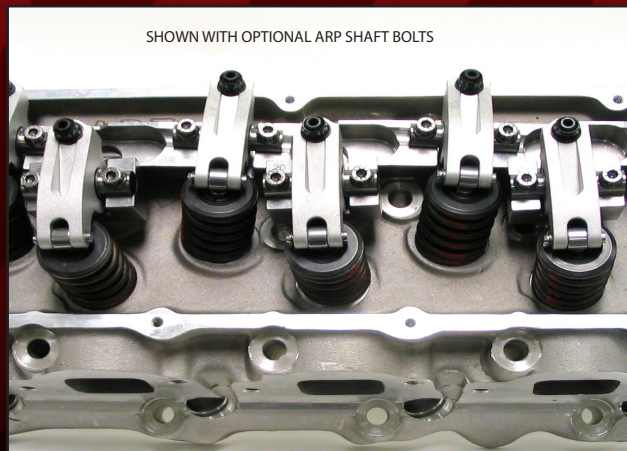
STEP 1: THE CYLINDER HEAD MUST BE MACHINED PRIOR TO INSTALLING THIS KIT. IF YOUR HEAD HAS NOT BEEN MACHINED, PLEASE FOLLOW DIRECTIONS FOUND ON **INS-24017**. JESEL CAN PERFORM THIS MACHINING OPERATION FOR YOU IF NEEDED.



STEP 2: LOOSELY BOLT THE ONE-PIECE INTAKE STAND AND CHECK GEOMETRY USING THE AVAILABLE STAND HEIGHT CHECKING TOOL. IF THE STAND IS LOW, A SHIM KIT (**KRS-28150**) IS AVAILABLE TO RAISE THE STAND. IF THE STAND IS SITTING TOO HIGH, THE HEAD WILL HAVE TO BE MILLED OR LASH CAPS MAY BE USED. ONCE THE CORRECT HEIGHT IS ACHIEVED, APPLY THREAD SEALANT TO THE INTAKE STAND BOLTS AND **TORQUE** TO SPECS LISTED ON PAGE 2



STEP 3: LOOSELY BOLT THE EXHAUST STANDS TO THE HEAD AND CHECK FOR PROPER GEOMETRY. ONCE PROPER STAND HEIGHT HAS BEEN ACHIEVED, APPLY ENGINE OIL TO THE THREADS AND **TORQUE** TO THE SPECS LISTED ON PAGE 2. THE EXHAUST STANDS MAY BE WELDED TO THE INTAKE BAR ONCE PROPER GEOMETRY IS ACHIEVED. ALWAYS USE THE LONGEST MOUNTING BOLTS POSSIBLE.



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 1.250" SHAFT BOLT TO PROPER SPEC. NEVER TORQUE SHAFT BOLTS WHEN THE ROCKER IS UNDER ANY SPRING LOAD AS SHAFT DAMAGE MAY OCCUR. RETORQUE ALL MOUNTING HARDWARE AFTER INITIAL BREAK-IN.

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revised 07/08

KIT COMPONENTS:

<u>Quan</u>	<u>Part Number</u>	<u>Description</u>
16	IRA-01911	Rocker Arm
2	STN-20xxx	Intake Stand
8	STN-20xxx	Exhaust Stand
32	BLT-21750	5/16-18 x 1.250" T-45 Shaft Bolt
8	BLT-21892	7/16-14 x 1.000" T-50 Stand Bolt
8	BLT-21893	7/16-14 x 1.250" T-50 Stand Bolt
8	BLT-21894	7/16-14 x 1.500" T-50 Stand Bolt

AVAILABLE SERVICE TOOLS

TOL-19210	T-45 Torx Socket
TOL-19221	T-50 Torx Socket
TOL-29350	Stand Height Checker, 5/16" Stem
TOL-29351	Stand Height Checker, 11/32" Stem
TOL-29352	Stand Height Checker, 3/8" Stem
TOL-29400	5pc Checker Pushrod
TOL-29260	Spring Removal Tool
TOL-29300	Valve Lash Adjusting Wrench

TORQUE SPECS:

5/16-18 T-45 Shaft Bolt	22-25 lbs/ft
5/16-18 ARP 12pt Shaft Bolt	28-32 lbs/ft
7/16-14 T-50 Stand Bolt , into Alum.	60-65 lbs/ft
7/16-14 T-50 Stand Bolt, into Cast Iron	65-70 lbs/ft
Adjuster Nut	22-27 lbs/ft

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.

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:

<u>Part Number</u>	<u>Description</u>
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-28000	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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