



Machining Instructions:

NOTE: Datum Point is the head bolt hole directly behind cylinder #3 & 5 exhaust valves. Machine mounting surface for rocker stand parallel with deck surface.

1) MEASURE VALVE TIP TO SPRING SEAT DIMENSION (DIM A) AND REFER TO CHART BELOW FOR X & Y COORDINATES.

2) MILL EXISTING ROCKER PEDISTALS TO THE APPROPRIATE HEIGHT (DIM B). THE ZERO POINT FOR DIMENSION B IS THE BOTTOM OF THE HEAD BOLT COUNTERBORE.

3) SET THE X & Y ZERO TO THE CENTER OF THE HEAD BOLT REFERENCED ABOVE. DETERMINE THE Y+ DIMENSION FROM CHART BELOW (DIM C).

4) DRILL AND TAP FOR 7/16-14 x 1.000" STAND MOUNTING BOLTS TO DIMENSIONS SHOWN ABOVE. IT IS NORMAL TO BREAK INTO THE INTAKE RUNNERS. USE APPROPRIATE THREAD SEALANT ON BOLTS BEFORE FINAL INSTALLATION OF ROCKER STAND.

DIM A VALVE HEIGHT	DIM B Z COORDINATE	DIM C Y COORDINATE
2.150"	0.875"	1.144"
2.250"	0.972"	1.166"
2.350"	1.070"	1.189"

ROCKER STANDS:

<u>Quan</u>	<u>Part Number</u>	<u>Description</u>
2	STN-20072	Rocker Stand, Indy 440

ROCKER PAIRS:

<u>Quan</u>	<u>Part Number</u>	<u>Description</u>
4	PRL-07238	Rocker Pair, CYL 1,5,4,8
4	PRR-07238	Rocker Pair, CYL 3,7,2,6

HARDWARE KIT COMPONENTS:

<u>Quan</u>	<u>Part Number</u>	<u>Description</u>
24	BLT-21750	5/16-18 x 1.250" T-45 Shaft Bolt
6	BLT-21893	7/16-14 x 1.250" T-50 Stand Bolt
8	BLT-21892	7/16-14 x 1.000" T-50 Stand Bolt
1	TOL-19210	T-45 Torx Socket
1	TOL-19221	T-50 Torx Socket
1	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	26-28 FT / LBS

Note: Torque specs shown were calculated using 30wt engine oil on threads. You must adjust the torque spec if using a lubricant other than engine oil.

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.

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

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
BRG-20620	Shaft Bearing, 9/16 ID x 1/2 Long
SFT-27970	Rocker Shaft, Cyl 1-5-4-8
SFT-27980	Rocker Shaft, Cyl 2-6-3-7
SPC-28360	.067 Rocker Spacer
RNG-26210	Rocker Retaining Ring

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

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