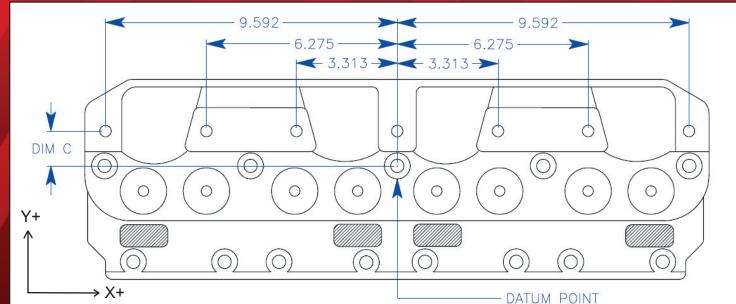
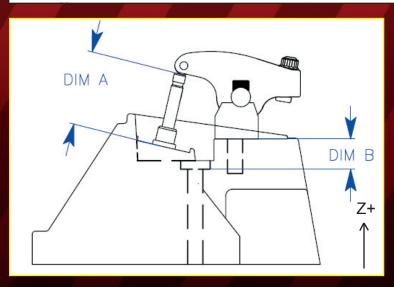


732-901-1800

INS-07238 Instruction Sheet Indy 440-1





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"

DATOWITOINT

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.

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ROCKER STANDS:

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

ROCKER PAIRS:

<u>Quan</u>	Part Number	<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>	Part Number	Description
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:

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
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 PUSHOD. NEVER MODIFY ADJUSTER COUNTERBORE TO COMPENSATE FOR A PUSHROD THAT IS TO 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.

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