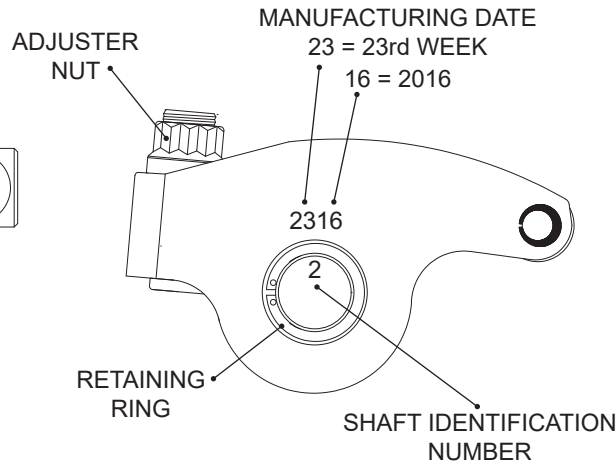
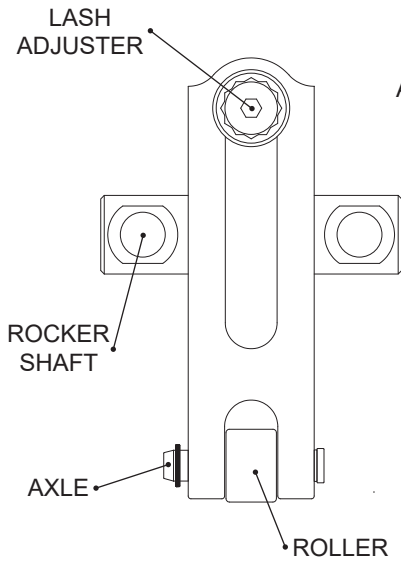


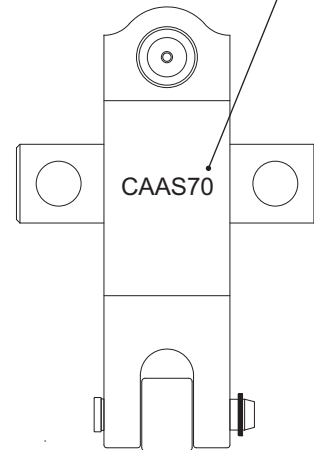
# PRO SERIES SHAFT ROCKER INSTALLATION GUIDELINES



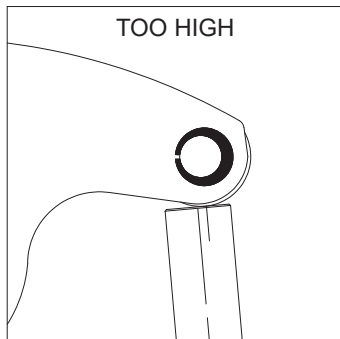
LAST 2 NUMBERS REPRESENTS  
THE ROCKER RATIO

55 = 1.55

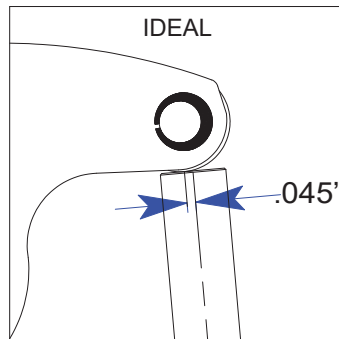
70 = 1.70



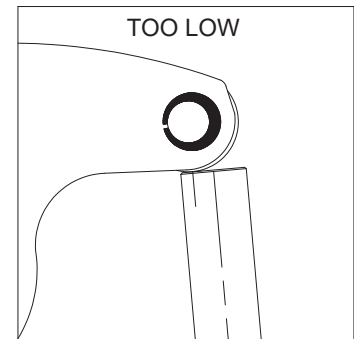
## CHECKING STAND HEIGHT



ROLLER PAST CENTER AT ZERO LASH INDICATES THE STAND NEEDS TO BE LOWERED OR A LONGER VALVE IS NEEDED.



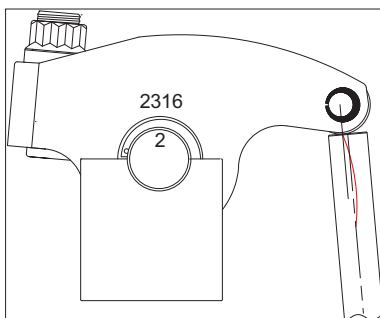
WHEN THE STAND HEIGHT IS SET CORRECTLY, THE ROLLER SHOULD BE APPROXIMATELY .045" BEHIND CENTER



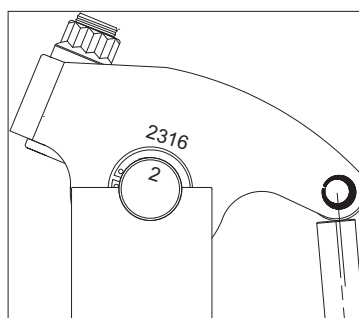
ROLLER ON THE BACK EDGE OF THE VALVE AT ZERO LASH INDICATES THE STAND NEEDS TO BE RAISED OR A SHORTER VALVE IS NEEDED.

JESEL STAND HEIGHT CHECKING TOOLS ARE AVAILABLE FOR PURCHASE AND ARE LISTED ON THE BACK SIDE OF THIS SHEET.

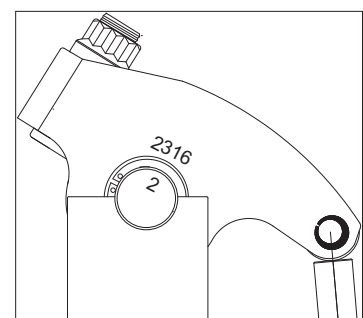
## CHECKING SWEEP PATTERN



THE ROLLER SHOULD START .045" BEHIND CENTER AT ZERO LASH



THE ROLLER WILL SWEEP FURTHEST SLIGHTLY PAST HALF LIFT



AT FULL LIFT, THE ROLLER SHOULD BE BACK AT CENTER

JESEL LOW PIVOT GEOMETRY HAS THE MAJORITY OF THE SWEEP PATTERN OCCURRING WHILE SPRING PRESSURES ARE LOWEST RESULTING IN A MINIMAL SWEEP PATTERN APPROACHING FULL LIFT WHEN SPRING PRESSURES ARE AT THEIR GREATEST.

## AVAILABLE SERVICE / SETUP TOOLS

TOL-19210	T-45 Torx Socket
TOL-19221	T-50+ Torx Socket
TOL-29349	Stand Height Gauge, 8mm Valve
TOL-29350	Stand Height Gauge, 5/16" Valve
TOL-29351	Stand Height Gauge, 11/32" Valve
TOL-29352	Stand Height Gauge, 3/8" Valve
TOL-29400	Checker Pushrod - Cup Adjuster
TOL-29425	Checker Pushrod - Ball Adjuster

## TORQUE SPECS

Shaft Bolt, 5/16 Torx 45	26 Ft / Lbs
Shaft Bolt, 5/16 ARP 12pt	35 Ft / Lbs
Stand Bolt, 3/8-16 Torx	45 Ft / Lbs
Stand Bolt, 7/16-14 Torx	60 Ft / Lbs
Stand Bolt, 8mm	22 Ft / Lbs
Adjuster Nut, 3/8-24	25 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. If you do not see the fastener you are looking for, please contact the Jesel Technical Department.

## INSTALLATION CHECK LIST

- ☐ Check Stand Height Geometry
- ☐ Check for Pushrod Clearance
- ☐ Check for Valve Cover Clearance
- ☐ Determine Pushrod Length
- ☐ Prelube Pushrods and Adjusters
- ☐ Torque All Hardware To Specs

## WARNING

- If in doubt, call Jesel Tech Department at 732-901-1800
- Make sure pushrod cup conforms to adjuster cup.
- Always lubricate pushrod tips and adjusters prior to start up with supplied high pressure grease.
- Do not degrease rockers and run without lubrication.
- Do not let pushrods run against cylinder heads or block.
- Do not bolt down or remove rocker arms under ANY spring load.
- Apply thread sealant to all bolts protruding into intake ports or water jackets.
- Do not over-torque adjuster nuts. Always follow torque specs.
- Do not run adjusters more than 2 turns out from the fully seated position.
- Do not machine adjuster cup counterbore to compensate for a pushrod that is too long.

## COMMON ROCKER SERVICE PARTS

<u>Part Number</u>	<u>Description</u>
ADJ-20460	Lash Adjuster 3/8-24 Cup Style
ADJ-20480	Lash Adjuster 3/8-24 Ball Style
WSH-29800	Valve Lash Adjuster Washer
NUT-24500	Valve Lash Adjuster Nut
BRG-20610	Shaft Bearing, .750" OD x .750" Long
BRG-20620	Shaft Bearing, .750" OD x .500" Long
RNG-26210	Rocker Retaining Ring - Stainless
RNG-27500	Rocker Retaining Ring - Black
SPC-28350	Nylon Spacer, .720" OD x .265" Wide
SPC-28360	Nylon Spacer, .720" OD x .067" Wide

## ADJUSTER OPERATING RANGE

The operating range for the lash adjuster is 1/4 turn to 2 turns out from the fully seated position. The rockers are shipped from Jesel with the adjusters set 1 turn out from the seated position. If the adjuster is less than 1/4 turn from seated, use a shorter pushrod. If the adjuster is more than 2 turn out from seated, use a longer pushrod. NEVER modify the adjuster counterbore to compensate for a pushrod that is too long. One turn of the adjuster equals .042" in pushrod length.

## VALVE LASH ADJUSTMENT

- 1) Rotate engine until exhaust rocker begins to open. Set INTAKE rocker to desired lash.
- 2) Rotate engine until intake rocker begins to return from full lift. Set EXHAUST rocker to desired lash.
- 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.



[www.jesel.com](http://www.jesel.com)  
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Revised 08/16