



PRW INDUSTRIES, INC.
1722 ILLINOIS AVENUE
PERRIS, CALIFORNIA 92571

TELE: (951) 436-7900
TECH: (888) 377-9779

GM LS SERIES PEDESTAL STAND ROCKER ARM SYSTEM INSTALLATION INSTRUCTIONS

<i>0236431 Parts List</i>	
GM LS3/L92 SERIES GEN III - OFFSET INTAKE VALVE	
PARTS	QUANTITY
<i>PQ^X 1.70 Ratio Exhaust Rocker Arms</i>	<i>8</i>
<i>PQ^X 1.70 Ratio Intake Rocker Arms</i>	<i>8</i>
<i>PRW Grade 12.9 Alloy Steel 12pt Head Fasteners</i>	<i>16</i>
<i>PRW Threadlocker – Medium Strength, Blue</i>	<i>1</i>
<i>PRW CMD Extreme Pressure Assembly Lube</i>	<i>1</i>
<i>Assembly Instructions</i>	<i>1</i>

PQ^X OEM Pedestal Stand Replacement Rocker Arm System Preparation:

Please read these instructions carefully before beginning your installation. Also, take a moment to review the limited warranty information. If there are any questions or problems during the installation, please do not hesitate to contact the PRW Customer Service Hotline at 1-888-377-9779, between the hours of 7 a.m. and 5 p.m. PST Monday through Friday.

- 1) Confirm that all parts are included by comparing to the parts list.
- 2) Make certain that you have all the tools necessary to complete the project.
- 3) Assembly lube and/or lubricating oil should be readily available for installation.

IMPORTANT: Installation of these off-road high-performance and racing rocker arms may require minor modification to your OEM valve covers and breathers, or valve cover spacers, or aftermarket valve covers to provide adequate clearance for this replacement rocker arm system.

PRW offers aluminum spacers and/or fabricated valve covers that are pre-machined and designed to fit aftermarket rocker arms with adequate clearance for aftermarket rocker arm systems. These rocker arms are designed for high performance racing and off-road applications!

PQ^X Pedestal Stand Rocker Arm System Installation:

- 1) Remove the three (3) plastic engine covers.
- 2) Remove ignition coil packs and wires.
- 3) Remove both valve rocker arm covers. *(Take care not to let any dirt or other residue fall from the top of the valve covers into the cylinder heads.)*
- 4) To simplify turning the engine over by hand, remove all 8 spark plugs from the engine.
- 5) Rotate the crankshaft until the number one piston is at TDC (top dead center) of the compression stroke.
 - a. Cylinders 1, 3, 5 and 7 are (driver side) left bank
 - b. Cylinders 2, 4, 6 and 8 are (passenger side) right bank.
- 6) While the engine is in the number one firing position, remove the exhaust valve rocker arm bolts from cylinders 1, 2, 7 and 8. Remove the intake rocker arm bolts 1, 3, 4 and 5.
- 7) Rotate the crankshaft 360 degrees.
- 8) Remove the exhaust valve rocker arm bolts 3, 4, 5 and 6. Remove the intake valve rocker arm bolts 2, 6, 7, and 8.

- 9) Remove both OEM pedestals and inspect for any cracks, breaks or distortion. Determine if you wish to reuse or replace with new OEM pedestals, or consider replacement with PRW high performance 7075 billet aluminum pedestals (Part #: 0273641) or steel replacement stands (Part #: 0373642) available from your PRW dealer or distributor.
- 10) Next, clean and lubricate the new PRW rocker arms and flange of the rocker arm bolts with clean engine oil. Using a small brush or similar tool, spread a thin layer of the PRW CMD Extreme Pressure Assembly Lube on the roller tip and top of the valve stem.
- 11) Install the new rocker arms and steel pedestals with the 12 point head alloy steel machine screws provided in place of the stock rocker arms and pedestals removed in step #8.
SPECIAL NOTE: Rocker System PN: 0236431 Intake Rockers are "offset" design. Make certain roller tips align correctly with valve stem in Step #'s 11 and 15 below.
- 12) Wipe the machine screw threads with a dry cloth and apply the PRW threadlocker included on the new rocker arm machine screws before installing.
- 13) Tighten the new rocker arm bolts to 25 lbs. ft.
- 14) Rotate the crankshaft 360 degrees.
- 15) Install the new rocker arms and steel pedestals using the 12 point head alloy steel machine screws provided, in place of the OEM rocker arms removed in Step #6.
- 16) Wipe the machine screw threads with a dry cloth and apply the PRW threadlocker included on the new rocker arm machine screws before installing.
- 17) Torque the remaining rocker arm bolts to 25 lbs. ft.
- 18) Install the aftermarket spacers, modified OEM, or aftermarket valve covers, making certain that there is adequate clearance for rocker arm operation. Tighten bolts on valve cover to 12 Nm (106 lbs. inch).
- 19) Install the spark plugs, wires, coil packs and plastic covers back onto the engine.
- 20) The installation of the PRW rocker arms is complete.

Limited Warranty

Performance Quotient and PRW Industries, Inc. ("PRW") warrants that all of its products are free from defects in material and workmanship, and against excessive wear for a period of (1) one year from the date of purchase. This **limited warranty** shall cover the original purchaser.

PRW's obligation under this warranty is limited to the repair or replacement of its product. To make a warranty claim, the part must be returned within (1) one year of purchase to the address listed below, freight prepaid. Items covered under warranty will be returned to you freight collect.

It is the responsibility of the installer to ensure that all of the components are correct before installation. PRW assumes no liability for any errors relative to tolerances, component selection, or installation.

There is absolutely no warranty on the following:

- i. Any parts used in racing applications, or;
- ii. any product that has been physically altered, improperly installed or maintained, or;
- iii. any product used in improper applications, abused, or not used in conjunction with the proper parts.

There are no implied warranties of merchantability or fitness for a particular purpose and no warranties which extend beyond the description of the face hereof.

PRW will not be responsible for incidental and consequential damages, property damage or personal injury damages to the extent permitted by law. Where required by law, implied warranties or merchantability and fitness are limited for a term of (1) one year from the date of original purchase. This warranty may give you specific legal rights. You may also have other legal rights, which vary from state to state.

**PRW INDUSTRIES, INC.
1722 ILLINOIS AVENUE
PERRIS, CALIFORNIA 92571**

**TELE: (951) 436-7900
FAX: (951) 928-8555
TECH: (888) 377-9779**

WWW.PRW-USA.COM