

Service

PROCEDURES

FEBRUARY 2008

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SUBJECT

REPLACEMENT HOUSING INSTALLATION
AND SLAVE PISTON LASH ADJUSTMENT
FOR PACBRAKE MODEL P-39/P-39A

This replacement housing is equipped with the latest Paclash adjustment screws. The identification is the letter “P” engraved on the top.

Please check the Paclash screws in the other two original housings for the letter “P” engraved on the top. It is recommended that all 3 housings use the latest slave piston adjusting screws due to a lash change for the new screws. The new adjusting screws and new lash will improve retarding performance. If additional screws are required, order Pacbrake part number P39084.

A service information decal is included which **MUST** be applied to the valve cover spacer near the engine specifications decal. Thoroughly clean the dirt and oil from the area where the decal is to be affixed and apply the decal. This is important to ensure any future adjustments are done to the new specifications.

Slave piston lash is critical and must be done with extreme care, follow this procedure exactly as written in order to attain the best performance.

1. Insert a .033” feeler gage between the slave piston link and the rocker arm. Turn the adjusting screw clockwise until the feeler gage is tight, then turn the adjusting screw one additional turn and wait one full minute. This will allow the oil to be purged from the internal workings of the adjustment screw and allow the plunger time to compress.
2. Once the time has lapsed, slowly turn the adjusting screw counter clockwise until a slight drag is felt on the feeler gage, try not to back the adjustment screw off too much or the plunger may try to extend and cause a lash of more than .033”.
3. Hold the screw and torque the lock-nut to 25 lbs ft (34 N•m) Recheck clearance readjust if necessary.
4. Repeat on the remaining cylinders with closed exhaust valves.
5. Rotate the crankshaft 360° then adjust the remaining cylinders.
6. Double check all lock-nuts for correct torque.

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