

Service

PROCEDURES

FEBRUARY 2010

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SUBJECT

**PACBRAKE'S WITH DETROIT DIESEL
REMANUFACTURED CYLINDER HEADS**

Field reports indicate that after installing a remanufactured cylinder head on certain Detroit Diesel Series 60 engines, the technician may not be able to attain the necessary Pacbrake slave piston lash (clearance). The root cause has been determined to be because exhaust valve and valve seat machining has raised the engines exhaust valve stem height.

To correct this issue Pacbrake offers replacement slave pistons which have a reduced length to compensate for the increased height of the exhaust valve stem.

See the application chart below:

Pacbrake Housing Model	Existing PN# (inner piston)	Shorter PN# (inner piston)	Existing PN# (outer piston)	Shorter PN# (outer piston)
P-63	P60008	P60082	PO5612	P60081
P-63A	P60029	P60066	P60004	P60065
P-63B	P60029	P60066	P60004	P60065
P-63C	P60004	P60065	P60004	P60065
P-80	P80011	P80039	P80011	P80039
P-80A	P80011	P80039	P80011	P80039
P-80C	P80011	P80039	P80011	P80039

In the event this issue is discovered when adjusting slave piston lash, Pacbrake recommends replacing all 12 slave pistons to maintain engine brake uniformity.

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