

# Service

**BULLETIN #150-R**

NOVEMBER 2001

PAGE 1/1

MODELS AFFECTED	<b>P-50, P-61, P-63, P-63A/P-63B/P-63C AND P-80</b>
SUBJECT	<b>DDC EXHAUST ROCKER ARM ADJUSTING SCREWS</b>

**Detroit Diesel Corporaton has reported that exhaust rocker arm adjusting screw part #8929646 is NOT for use in Series 60 engines.**

The difference between the **correct** adjusting screw and the incorrect adjusting screw is the end that is provided for the engine brake slave piston to contact. The correct screw has a 2.75" spherical radius for the slave piston contact surface. This spherical radius prevents side loading of the slave pistons during engine brake operation. The incorrect screw has a flat contact surface and is designed for industrial applications that do not use an engine brake. Installing the wrong screw will cause slave piston bore wear resulting in poor engine brake performance.

Pacbrake recommends that when servicing a Series 50 or Series 60 engine equipped with an engine brake, that the exhaust rocker arm adjusting screws be checked for this radius. Screws which are incorrect or where the radius appears flat should be changed before damage to the engine brake occurs. Engine brake housings submitted to Pacbrake for warranty where slave bore wear resulted from the incorrect screws or screws which are worn flat, **will not be subject to warranty.**

**THE FOLLOWING LISTS THE SCREW AND THEIR PART NUMBERS:**

**INCORRECT ADJUSTING SCREW**

8929646 kit (screw, button, and clip)

**CORRECT ADJUSTING SCREW.**

**UNITIZED SCREW #**

**23520819 ASSEMBLY**

**Pacbrake** Service

