

Service

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MODELS AFFECTED

P-39/P-39A

SUBJECT

**TURBOCHARGER WASTE-GATE
PRESSURE LINE**

Pacbrake field service has found some customers disconnecting or plugging the turbo waste-gate pressure line. This line prevents the turbo from over-boosting – thus causing turbo overspeed and premature turbocharger failure.

Pacbrake engineering has tested the P-39 engine brake with the waste-gate pressure line disconnected and found a 23% increase in internal pressures, with only a slight gain in engine brake performance. Modifying the waste-gate pressure line will subject the engine to loads beyond the engine manufacturer's specifications. This amount of loading will cause premature failure of the turbocharger, rocker arms, camshaft and all related parts. Pacbrake will not be responsible for engine damage or engine brake failures related to waste-gate modifications.

Pacbrake Service

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