

The Mechanical Engineer in Charge

Ref Document – EB0011 issue 01
Date July 19, 2006



PRODUCT INFORMATION BULLETIN

PJB NIPPER - STARTUP DELAY

APPLICABILITY

PJB Nippers fitted with a PJB Perkins 1004-4 engine system (GT005-GT034).
(NSW MDA DES 9029 & QLD QMD 9974 66X)

BACKGROUND

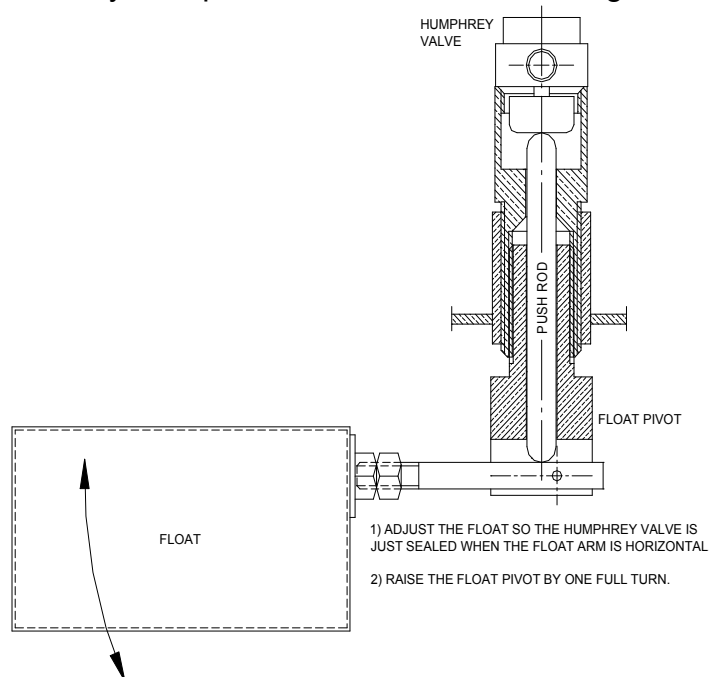
Some customers have reported the following behaviour after running the engine at high speed for some time and then stopping the engine.

When attempting to restart the engine there can be a significant delay while the exhaust conditioner safety chamber is refilled with water. During that time the water lift pump is consuming air and consequently reducing the air pressure in the main air receivers. On occasions the system pressure is reduced to the point where the remaining pressure is insufficient to start the machine.

RECOMMENDATIONS

PJB recommend the following:

- 1) Set the safety float position as shown on the diagram below.



- 2) Ensure the supply air pressure to the water lift pump is set to 275kPa.