

		GE Energy	
		Christian BAUER	
Distribution:	Jenbacher Service Subsidiaries Service Service Partner	GE Jenbacher GmbH & Co OHG Achenseestr. 1-3 A-6200 Jenbach, Austria T +43 5244 600 2399 christian1.bauer@ge.com	
Service Technician Instructions		ST – 080	7. März 2008

Type 4: Check Procedure for Valve Sprint Retainer

Affected: All type 4 engines.

Description: The nominal thickness of the retainer is 2.5 mm at the outer edge adjacent to the spring. However, no reliable measurement of the dimension is possible without removing the retainer when assembled into the cylinder head.

Solution: To determine if a retainer is potentially worn without removal from the cylinder head a visual check of the outside edge of the retainer, where it joins the outer spring, should be performed. If a burr can be seen at this area (see picture below) the retainer should be disassembled from the cylinder head and inspected for signs of wear. If wear of the surface is evident then the retainer needs to be replaced by a new part. In addition the springs should also be replaced as a precaution.

This check must be done during valve clearance adjustment according to the respective maintenance schedule.

