

SERVICE INFORMATION BULLETIN

Subject:
CORRECTIONS TO WORKSHOP MANUALS FOR J08 ENGINES

This document is to inform dealers and workshops of the correction to Workshop Manuals for J08 engines listed below.

1. RELEVANT WORKSHOP MANUALS

	Publication Number		Page in Workshop Manual
	2005 MY	2006 MY	
USA	S5-UJ08E01B	S5-UJ08E02A	EN02-56

2. POINT OF CORRECTION

The standard gap between ends of the second piston ring and the oil ring should be corrected as per the table below.


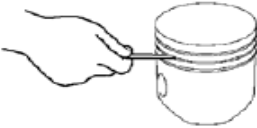
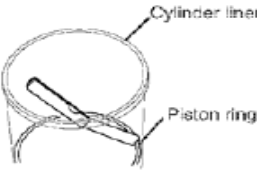


Inspection item		Standard	Unit: mm {in.}
Gap between ends of piston ring	Second ring	0.50 – 0.65 {0.0196 – 0.0255}	
	Oil ring	0.15 – 0.30 {0.0059 – 0.0119}	

Refer to page 2 for details.

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ENGINE MECHANICAL (JOB#E)

Inspection item		Standard	Limit	Remedy	Inspection procedure
Piston ring width	Top	2.5 {0.0984}	2.4 {0.0945}	Replace ring.	Measure 
	Second	2.0 {0.0787}	1.9 {0.0748}		
	Oil	4.0 {0.1575}	3.9 {0.1535}		
Piston groove width	Top	2.5 {0.0984}	2.7 {0.1062}	Replace piston.	Measure 
	Second	2.0 {0.0787}	2.2 {0.0866}		
	Oil	4.0 {0.1575}	4.1 {0.1614}		
Clearance between piston ring and piston ring groove	Top	0.09-0.13 {0.0036-0.0051}	—	—	—
	Second	0.04-0.08 {0.0016-0.0031}			
	Oil	0.02-0.06 {0.0008-0.0023}			
Gap between ends of piston ring	Top	0.30-0.40 {0.0119-0.0157}	1.5 {0.0591}	0.50 – 0.65 {0.0196 – 0.0255}	Measure 
	Second	0.30-0.40 {0.0119-0.0157}	1.2 {0.0472}	Replace piston ring.	
	Oil	0.30-0.40 {0.0119-0.0157}	1.2 {0.0472}	0.15 – 0.30 {0.0059 – 0.0119}	
Piston pin outside diameter		37 {1.4567}	36.96 {1.4551}	Replace piston pin.	Measure 
Piston pin bore inside diameter		37 {1.4567}	37.05 {1.4586}	Replace piston.	Measure 
Clearance between piston pin and piston pin bore		-0.013-0.014 {-0.0005-0.0006}	0.05 {0.0020}	Replace piston and/or piston pin.	
Connecting rod bushing inside diameter		37 {1.4567}	37.1 {1.4606}	Replace connecting rod bushing.	Measure 