




SERVICE BULLETIN

PUBLICATION GROUP, AFTER SALES SERVICE DEP.
MITSUBISHI MOTOR SALES EUROPE BV

SERVICE BULLETIN		No.: ESB-99E11-501	
		Date: 1999-07-15	<Model> <M/Y>
Subject:	CORRECTION OF VALUE OF VALVE CLEARANCE	(EC) SPACE STAR (DG1A, DG5A)	99-10
Group:	ENGINE		
INFORMATION		 O. Kai - E.V.P. & G.M. After Sales Service Dept.	
1. Description:			
This service bulletin informs you of correction of valve clearance value.			
2. Applicable Manuals:			
	Manual	Pub. No.	Language
	'99 SPACE STAR Workshop Manual Chassis	CMXE99E1	(English)
		CMXS99E1	(Spanish)
		CMXF99E1	(French)
		CMXG99E1	(German)
		CMXD99E1	(Dutch)
		CMXW99E1	(Swedish)
		CMXI99E1	(Italian)
			11B-3
3. Details:			
Refer to the attached sheet.			

Items			Standard value	Limit
Power steering oil pump and A/C compressor drive belt tension	Vibration frequency Hz	When checked	137-168	-
		When a used belt is installed	145-160	-
		When a new belt is installed	174-199	-
	Tension N	When checked	392-588	-
		When a used belt is installed	441-539	-
		When a new belt is installed	637-834	-
	Deflection (Reference value) mm	When checked	9.6-12.4	-
		When a used belt is installed	10.2-11.6	-
		When a new belt is installed	7.2-9.0	-
Valve clearance (at hot) mm	Intake valve	0.20 <Incorrect> ← 0.25 <Correct>	-	
	Exhaust valve	0.30		
Basic ignition timing			5° BTDC ± 2°	-
Ignition timing			Approx. 10° BTDC	-
Idle speed r/min			750 ± 100	-
CO contents %			0.5 or less	-
HC contents ppm			100 or less	-
Compression pressure (250-400 r/min) kPa			1,598	Min. 1,161
Compression pressure difference of all cylinder kPa			-	Max. 100
Intake manifold vacuum kPa				Min. 60
Cylinder head bolt shank length mm			-	103.2

SEALANT

1100050218

Items	Specified sealant	Remarks
Oil pan	MITSUBISHI GENUINE PART MD970389 or equivalent	Semi-drying sealant