




SERVICE BULLETIN

QUALITY INFORMATION ANALYSIS
OVERSEAS SERVICE DEPT. MITSUBISHI MOTORS CORPORATION

SERVICE BULLETIN		No.: MSB-98E11-502e	
		Date: 1999-05-31	<Model> (EC,EXP)PAJERO 10,V20,V30,V40
Subject: CORRECTION OF TYPOGRAPHICAL ERRORS IN ENGINE 4M4 WORKSHOP MANUAL		<M/Y> 98-10	
Group: ENGINE		Draft No.: 98EN592215	
CORRECTION	OVERSEAS SERVICE DEPT	 T.NITTA - VICE GENERAL MANAGER QUALITY INFORMATION ANALYSIS	

1. Description:

Typographical errors found in the following Manual in regard to tightening torque for the glow plug connection plate, have been corrected.

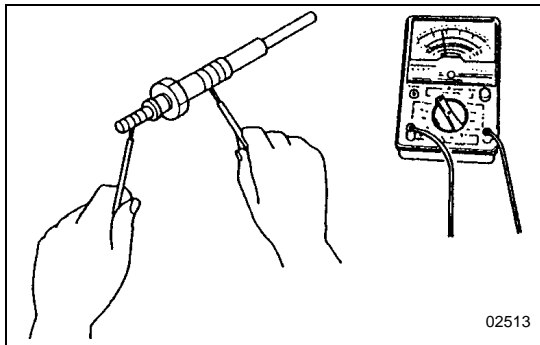
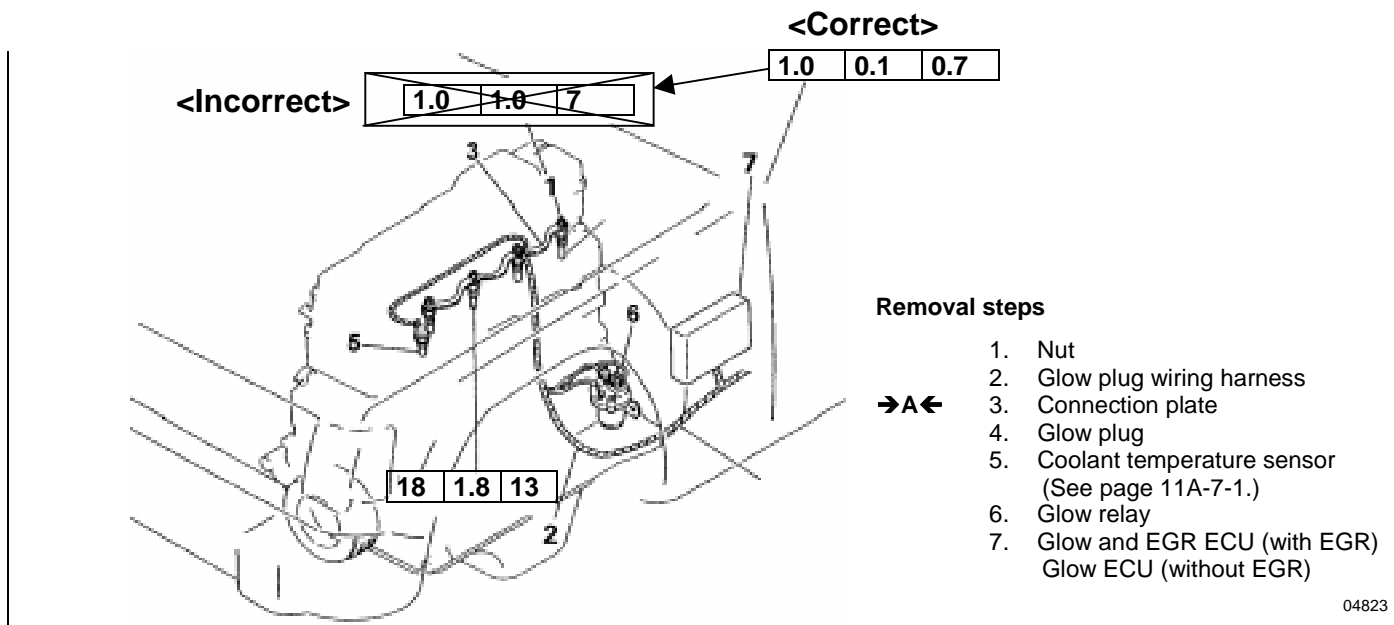
2. Applicable Manuals:

Manual	Pub. No.	Language	Page(s)
ENGINE 4M4 WORKSHOP MANUAL	PWEE9409-B	(English)	11A-1-6, 11A-8-1
	PWES9410-B	(Spanish)	
	PWES9411-B	(French)	
	PWEG9412-B	(German)	
	PWED9413-B	(Dutch)	
	PWEW9414-B	(Swedish)	

TORQUE SPECIFICATION

	Torque		
	Nm	kgm	ft.lbs.
Cooling fan V-belt and water pump			
Cooling fan nut	10	1.0	7
Auto cooling fan coupling nut	24	2.4	17
Water pump bolt	24	2.4	17
Coolant temperature sensor			
Coolant temperature sensor.....	40	<Correct> 4.0	29
Low plug	1.0	0.1	0.7
Connection plate	10	1.0	7
Glow plug.....	18	<Incorrect> 1.8	1.3
Turbocharger assembly			
Eyebolt.....	20	2.0	14
Coupler insulator nut	50	5.0	36
Turbocharger nut.....	50	5.0	36
Turbocharger bolt	55	5.5	40
Turbocharger			
Coupling nut	4.5	0.45	3.3
Intake manifold			
Relief valve	48	4.8	35
Exhaust manifold			
Exhaust manifold nut.....	31	3.1	22
Rocker cover and cylinder head assembly			
Rocker cover bolt	4	0.4	3
Cam sprocket bolt	90	9.0	65
Cylinder head bolt			
M12.....	50 + ¼ turns + ¼ turns	5.0 + ¼ turns + ¼ turns	36 + ¼ turns + ¼ turns
M8.....	24	2.4	17
Camshaft and valve			
Camshaft cap bolt	20	2.0	14
Glow plug.....	18	1.8	13
Fuel injection nozzle.....	55	5.5	40
Water joint	48	4.8	35
Oil cooler and oil filter			
Oil cooler element nut	20	2.0	14
Bypass plug	45	4.5	33
Regulator plug	45	4.5	33
Vacuum pump			
Oil pressure switch	12	1.2	9
Connector	17	1.7	12
Eyebolt.....	12	1.2	9
Oil pan, oil strainer and oil jet			
Drain plug	40	4.0	29
Check valve.....	33	3.3	24
Timing gear case			
Crankshaft pulley bolt.....	230	23	166

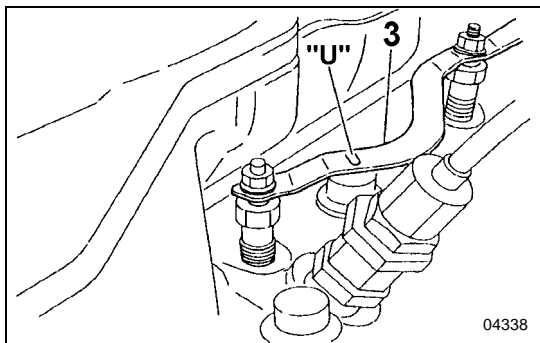
8. GLOW PLUG REMOVAL AND INSTALLATION



INSPECTION

GLOW PLUG

- (1) Measure resistance of the glow plug 4. Replace the glow plug if the reading deviates from the specified standard value.



INSTALLATION SERVICE POINT

→A← CONNECTION PLATE INSTALLATION

- (1) Install the connection plate 3 with "U" or "H" mark facing upward.