

**07.3 Mechanically/electronically controlled gasoline injection system (CIS-E injection)**

Designation	Nature and reason of modification	Production breakpoint	Op. No.
Fuel inlet screw connection	Material modified	01/90	07.3-1674
Throttle valve switch	Improvement	08/89	07.3-1689
CIS-E control unit	Software modification (no further fault signal when driving at high altitudes)	07/89 phased-in	07.3-1698
Injection valves	Opening pressure increased to 4.3 – 4.6 bar	--	07.3-6500
	Valve seats made of Viton	--	07.3-6500
Return spring on throttle valve housing	Number of coils modified.		
	Length of wire 50 mm 59 mm	10/89 12/89	--
CIS-E control unit	Matching for secondary air pump and exhaust gas recirculation modified	08/90	07.3-1698
CIS-E control unit	Program modification at control unit: current specification at electrohydraulic actuator is now available without time delay	09/90	07.3-1698
CIS-E control unit/EZL ignition control unit	Combustion noises	04/91 except (USA)	07.3-1698 Pro-grammed Repairs

**14 Intake manifold, exhaust manifold**

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Designation	Nature and reason for modification	Production breakpoint	Op. No.
Intake manifold	Is no longer sand-cast but die-cast	07/89	14-1346
Exhaust manifold	Shape modified	07/89	14-3915
	Flange for ARF valve RHD identical to LHD	09/89	14-3915
Mount for actuator cable	Additional mounting point at intake manifold support, engine 104.980	12/89	--
Mount of exhaust manifold	Collar nut, previously nut with washer	11/90	14-3915
Shield between exhaust manifold and air pump	Shield in sandwich design, previously pressing	04/91	14-3915
Air pump belt pulley	Installation of spacer ring in front of bearing	08/91	14-7251
Exhaust gas recirculation valve (ARF)	Exhaust gas recirculation valve (ARF) with modified diaphragm Reason: improved leaktightness	09/91	14-7662

15 Electrical system – engine (ignition system)

Designation	Nature and reason for modification	Production breakpoint	Op. No.
Ignition cables	Now only available by the meter	–	15-0512
EZL/AKR control unit	Map and fault memory programme part modified	Mod. 124.03110/89 Mod. 124.05109/89	15-2093
EZL/AKR trimming plug connector	Trimming plug connector for Indonesian vehicles modified	08/90	15-2153
Engine systems control unit	Software modification: storage of fault code 3 discontinued	07/90	15-2193
EZL ignition control unit	Ignition control unit with new map  Mod. 124.031 124.051 124.091  Mod. 129.061	10/90  11/90	15-2093
Spark plug connector	Spark plug connectors partially screened (Beru and Bosch)	02/91	15-1031
EZL ignition control unit/ CIS-E control unit	Combustion noises	04/91 except (USA)	15-2095 Pro-grammed Repairs
EZL ignition control unit	Software modification: Reason: starting-off in 1st gear  Mod. 124.051	08/91	15-2093

30 Throttle Control

Designation	Nature and reason for modification	Production breakpoint	Op. No.
ASR throttle control	Relay lever on bearing bracket standardised with engine 103	10/89	--
	Connecting rod standardised with engine 103	04/90	--
ASR II	Introduction of actuator potentiometer and EFP control unit engine 104.980	06/90 except (AUS)	--
EFP control unit	Re-specification of progression characteristics	10/89	--
Throttle	Number of windings for return spring on throttle valve body modified Wire length:           50 mm 59 mm	10/89	--
		12/89	
Tempomat cruise control	Modified rubber seal between coating connector and Tempomat cruise control unit (installation feature: color grey, previously black)	11/89	--
Throttle control relay lever	Ball stud on relay lever lengthened	01/91	--

47 Fuel system

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Designation	Nature and reason for modification	Production breakpoint	Op. No.
Guide funnel in fuel tank filler neck Vehicles with KAT except (J)	Guide funnel with additional notches Reason: facilitates installation	06/89	47-7571
Fuel hose from fuel tank to fuel pump	Conversion to moulded hose	10/89	47-4100 Section "A"