

Block

Main bearings	std.	STC4299	.010 use STC429910G	.020 use STC429920G
Rod bearings	std.	STC1426	.010 use STC142610G	.020 use STC422920G
Pistons		ERR5553	4.0 high compression, std.	
		ERR5554	4.6 high compression, std.	
Rings		STC1427	std.: one set does one piston	
Front timing cover	GEMS	ERR6438	Bosch LJR105040: includes oil pump	
Oil pump		GPK001		
Oil pressure switch		STC4104G		
Front cover (main) seal		ERR6490		



Front cover with oil pump



Rear main seal		ERR2640		
Crank gear (timing chain)		ERR2958		
Engine mounts		ANR2620		
Heads complete assembly		LDF001020		

main cap sealing T strips LUN000010

left & right are the same without secondary air with secondary air stem seals ERR1782 stem seals ERR1782

Oil Pump



Intake valves		LGH000030		
Exhaust valves		LGH000040		
Valve guides		LGJ100900		
Valve springs		ERR4628		
Rocker arms	RH	602153		
	LH	602154		
Rocker shaft		611659L		
Push rods		603378		
Head bolts		ERR2943		
		ERR2944		

short: 7 per head long: 3 per head

Head stretch bolts: new ones required when replacing head gaskets, they are not reusable

uses retainer bolts SH505061L (2)

for Genuine use ERC4949G '95-'98 '99 on

Camshaft

Cam 4.0		ERR3720		
4.6		ERR5250		
Thrust plate		ERR2609		
Cam bearings		STC1961		
Lifters (tappets)		ERC4949		
Cam gear		ERR5086		
		ERR7375		
Timing chain		ERC7929		
Crank gear, timing chain		ERR2958		



602153 602154 "RH" "LH"

Rockers have pads offset to the right or left, do not mix!

Injection

Fuel injector (each)		ERR722	'95-'98	
		ERR6600	'99 on	
O-Ring - small		RTC5679	'95-'98	
		ERR7309	'99 on	
O-Ring - large		EAC2414L		



Sensor - fuel temperature		ETC6661		
Fuel pressure regulator		ETC8494		
Sensor - temperature		ETC8496	'95-'98	
		MEK100160	'99 on	



ETC8496



ERR722

Air control valve		WAV100380		
Gasket - air control valve		WAL100250		
Secondary air injection solenoid		YDJ100000		
Stepper motor		ERR4352		
Throttle position sensor		ERR4278		
Potentiometer - accelerator		ERR7322		
Oxygen sensors		ERR1834		



ETC6661



AMR5929

	front	MHK100920	to VA370718 (mid '97) ; 4 fitted	
	rear	MHK100930	VA370719 through '98 ; 4 fitted	
Airflow sensor		ERR5595	'98 on; 2 fitted	
		MHK100800	'95-'98	
			'99 on	



AMR1425

Coolant Sensors

Temperature transducer		PRC8170		
Temperature sensor		AMR1425	to '97	
		AMR5929	'98 on green Bosch fitting	



LLH500090

Emissions Hoses

Plenum to valve cover, right side		LLH500090		
Valve cover to plenum, left side		LLH500100		