

AR05.10-P-7600TI	Check timing chain	20.4.15
------------------	--------------------	---------

ENGINE 642 in MODEL 211

Modification notes

2.3.15	Test method changed.		
--------	----------------------	--	--

	Remove/install		
1	Remove chain tensioner	Installation: Replace seal. Chain tensioner in cylinder head	AR05.10-P-7800TI *BA05.10-P-1001-01L
2	Install measuring chain tensioner	The measuring chain tensioner is installed without a seal. Measuring chain tensioner to cylinder head Measuring chain tensioner	*BA05.10-P-1007-01L *642589036300
3	Insert protective plate for radiator		WF58.50-P-0110-01A
Check			
4	Determine timing chain stretch	Rotate engine twice at crankshaft twice in direction of engine rotation and determine the greatest indicator value on the measuring chain tensioner. The greatest value usually occurs for ignition TDC of cylinder 1. Change timing chain after timing chain stretch	*BE05.10-P-1002-03A
5	Install in the reverse order		
6	Risk of accident from vehicle starting off by itself when engine running. Risk of injury (bruises and burns) resulting from working on the engine while it is being started or when it is running. Check for oil leaks with engine running	Secure vehicle to prevent it from starting off by itself. Wear closed and snug-fitting work clothes. Do not touch hot or rotating parts.	AS00.00-Z-0005-01A

Timing chain check values

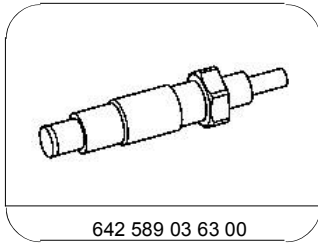
Number	Designation		ENGINE 642 in MODEL 164, 166, 203, 204, 207, 209, 211, 212, 218, 219, 221, 222, 251, 292, 461, 463.303/340/341/348
BE05.10-P-1002-03A	Change timing chain after timing chain stretch	mm	≥ 82

Timing chain, chain tensioner

Number	Designation		ENGINE 642
BA05.10-P-1001-01L	Chain tensioner in cylinder head	Nm	80

Timing chain, chain tensioner

Number	Designation		ENGINE 642
BA05.10-P-1007-01L	Measuring chain tensioner to cylinder head	Nm	20



642 589 03 63 00

Measuring chain tensioner