



Tech Tips

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2014-2017 1.8T CPKA/CPRA Engine Codes-Oil Pressure Regulation/Retraction Activating

February 10, 2017: Update to Model Year Applicability.

After replacement of an engine assembly, cylinder head or turbocharger, it is necessary to limit the oil pressure regulation for approximately 1000 km. High friction is taken into account during the break in period of new engine components. Oil Pressure Regulation/Retraction Activating must be performed after replacement. This results in higher oil pressure at lower RPM ranges during break in.

Go to ECM control module OBD select adaptation. Select Engine run-in oil pressure. Change current value from not active to active.

The screenshot shows the Volkswagen diagnostic software interface. The top bar displays the importer (444), dealer (05245), and VIN (3VWL07AJXFM275648). The engine is identified as CPKA 1.8l Simos / 125 kW. The 'Adaptation' tab is selected for the '01 - Engine Control Module 1'. The table below shows the current value for 'Engine run-in oil pressure' is 'active'. The 'Filter' field is empty, and the 'Apply' button is visible.

Adaptation/parameter	RDID	Current value	Entry	Unit
Engine run-in oil pressure	----	active		
Deactivate production mode	----			
Production mode	----			
Protective function	----			
Timing deviation after other repairs, exhaust bank 1	----			
Timing deviation after other repairs, intake bank 1	----			
Timing deviation after chain replacement, exhaust bank 1	----			