

11 34 001 Checking valve clearance

+ 11 34 501

Preparatory work

**=> Removing and installing the middle stand special tool (motorcycles without centre stand)
(Description in item: 46 52 511, Billed as a separate item)**

Removing seat

Removing left side panel

Removing right side panel

Removing centre trim panel

Removing battery

Removing intake air silencer

Removing direct ignition coil for primary spark plug

Removing direct ignition coil for secondary spark plug

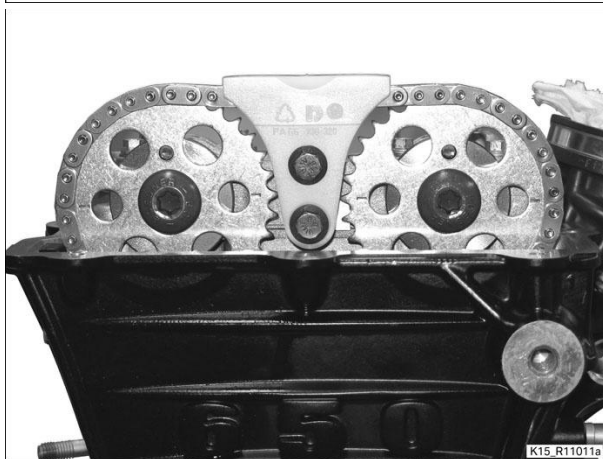
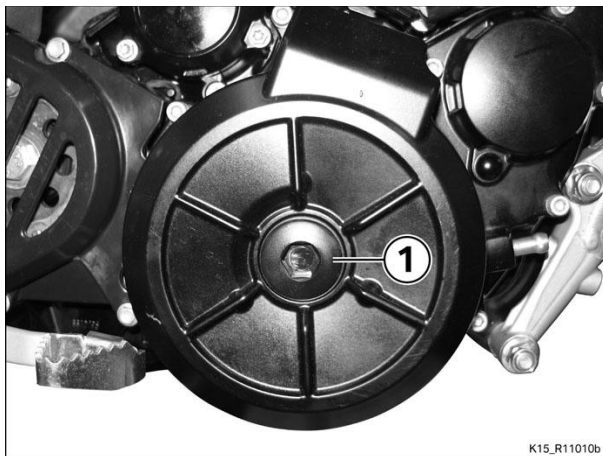
Releasing throttle cable at bottom

Removing cylinder head cover

Core activity

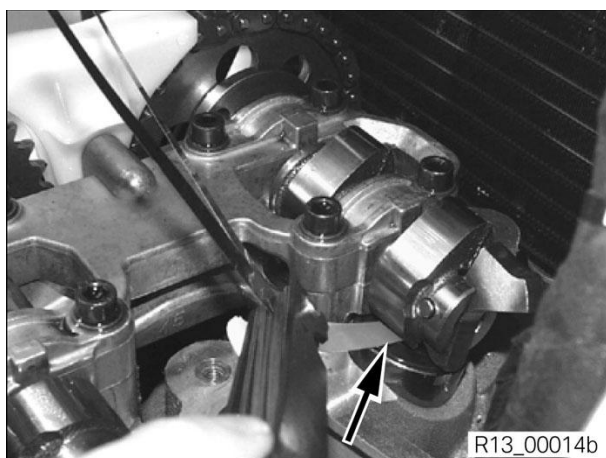
(-) Setting engine to firing TDC

- Remove threaded plug (1) from the magnet housing.
- Use an Allen key to turn the crankshaft clockwise to the TDC position.



- Turn the engine until the crankshaft it is at the TDC position.
- » TDC (top dead centre) = line is parallel with the cylinder head and bore in timing-chain sprockets at the top.

(-) Checking valve clearance



Test

- Use a feeler gauge (arrow) to check valve clearance.



Technical data

Valve clearance, inlet valve	engine cold max. 35 °C	0.03...0.11 mm	
Valve clearance, exhaust valve	engine cold max. 35 °C	0.25...0.33 mm	

Result: Valve clearance out of tolerance

Measure:

=> 11 34 504, Adjusting valve clearance (cylinder-head cover removed) (Billed as a separate item)

Finishing work

Installing cylinder head cover

Securing throttle cable at bottom

Installing direct ignition coil for primary spark plug

Installing direct ignition coil for secondary spark plug

Installing intake air silencer

Installing battery

Installing centre trim panel

Installing left side panel

Installing right side panel

Installing seat

Removing motorcycle from auxiliary stand

Final check of work performed