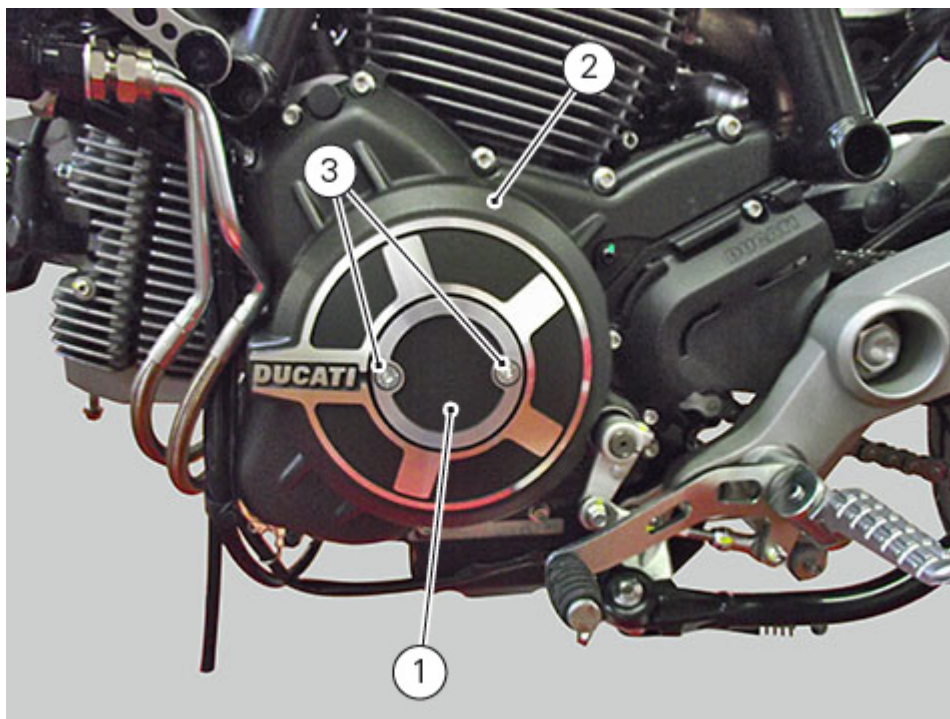


## Changing the timing belts

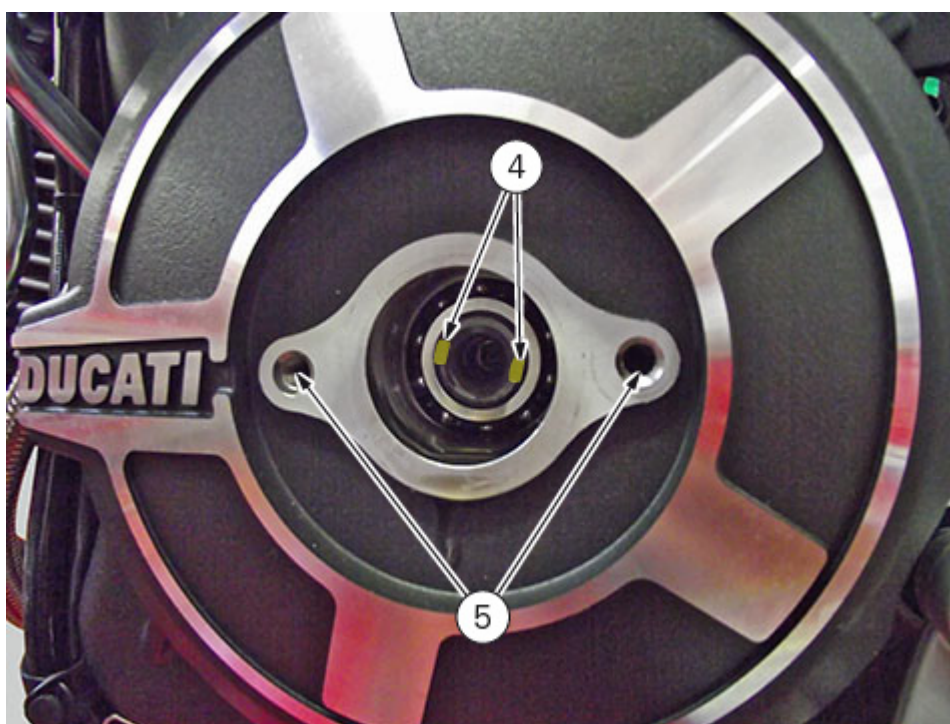
Remove the exhaust system ([Removing the exhaust system](#)).

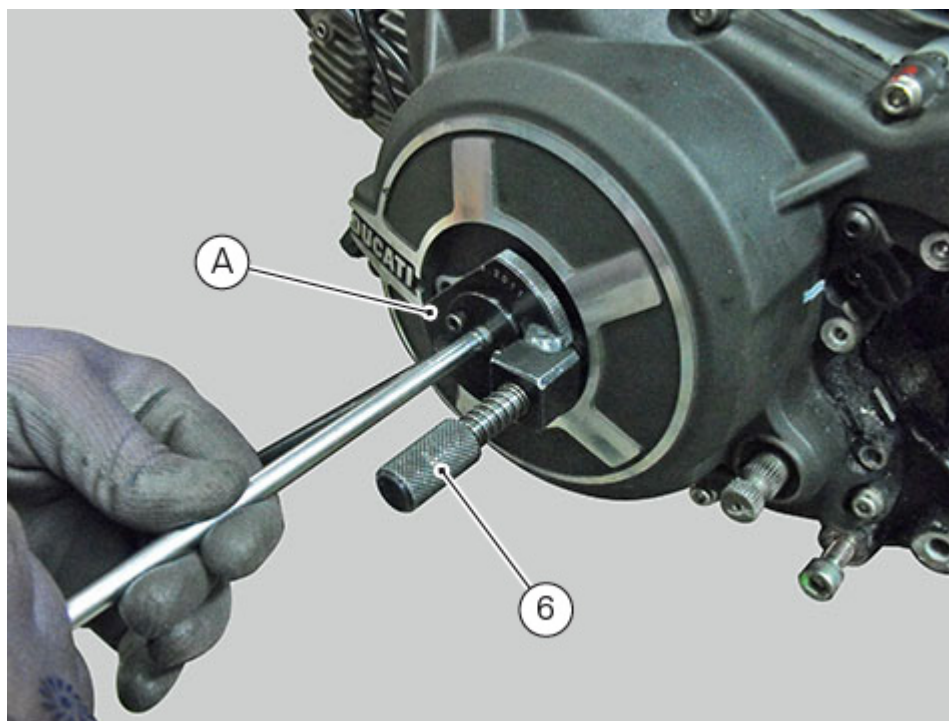
Remove the belt covers ([Removing the timing belt external covers](#)).

Working from vehicle left-hand side, loosen the two screws (3) and remove plug (1) from generator cover (2) .

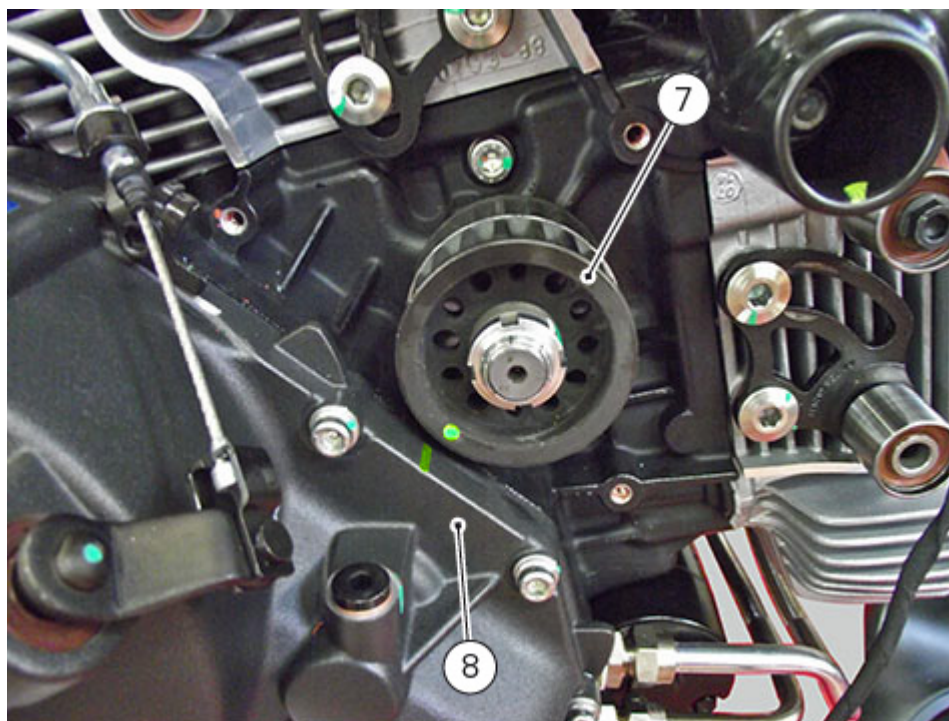


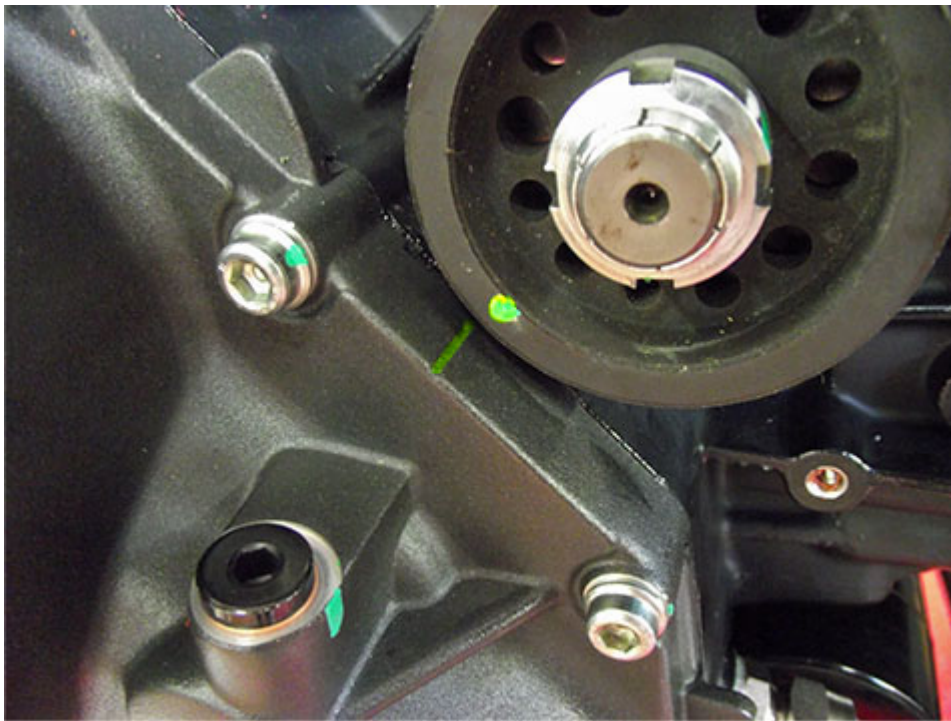
Fit tool (A) part no. **88713.2011** so that pins inside the tool engage into the two notches (4) on generator cover.



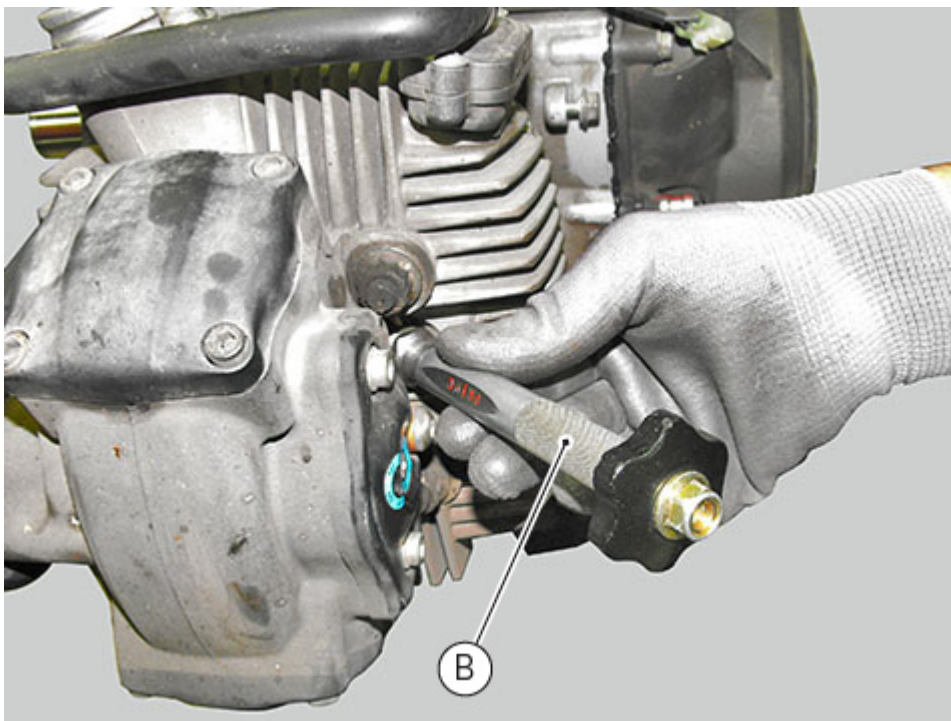


Working on the opposite side, align the reference mark on belt roller (7) with the reference mark on crankcase (8) turning tool (A).

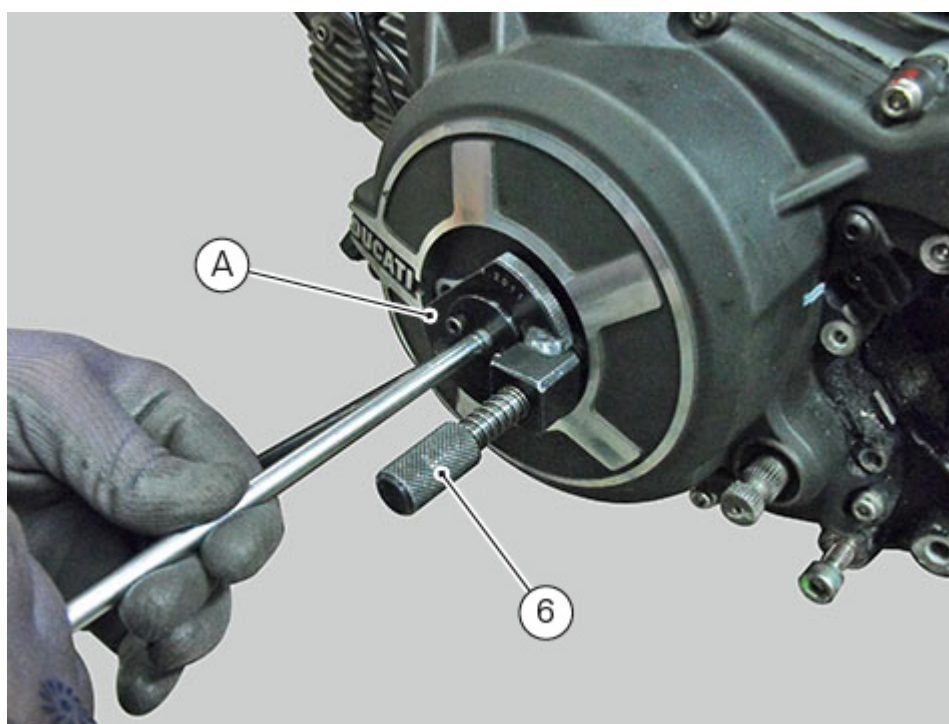
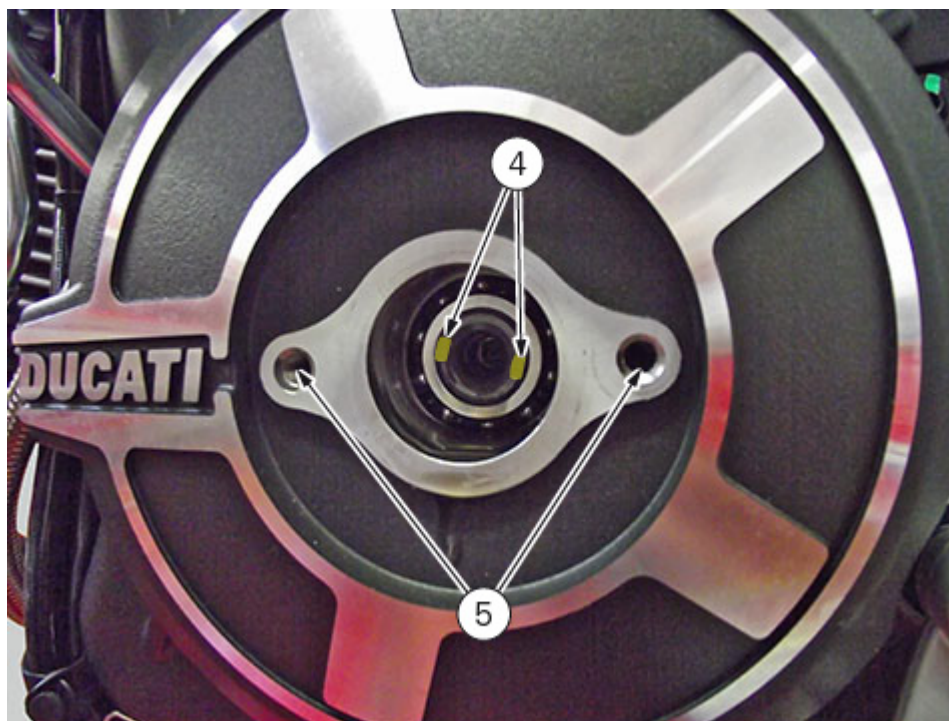




This condition is the TDC in the combustion stage with the horizontal cylinder.  
Check it by inserting tool (B) in the spark plug hole.



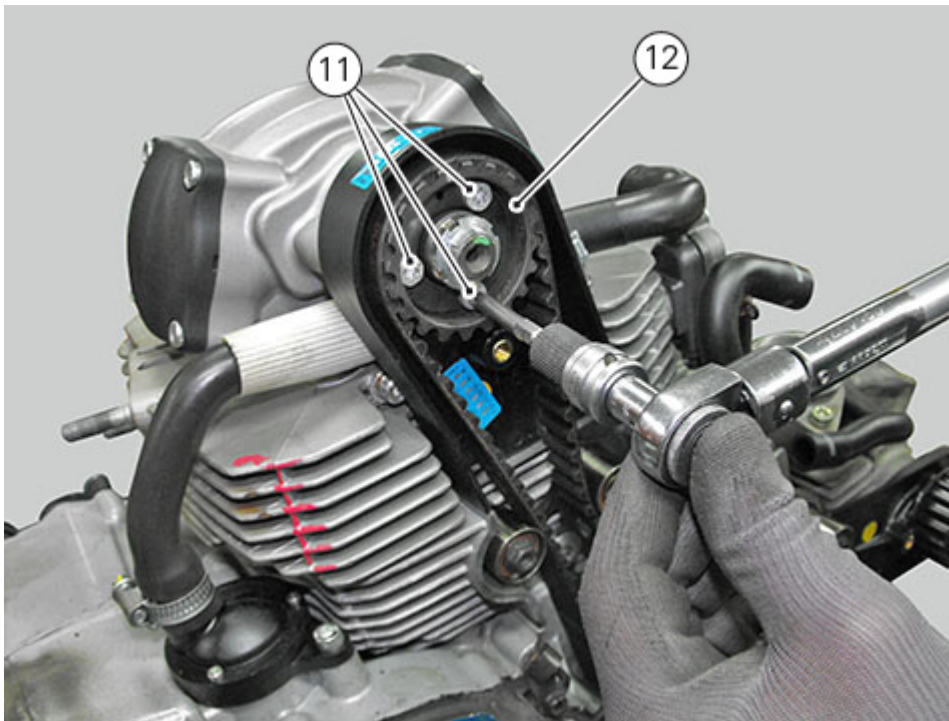
Now tool (A) pin (6) should be aligned with one of the two holes (5) on generator casing.  
Tighten pin (6) so as to lock out tool (A) rotation.



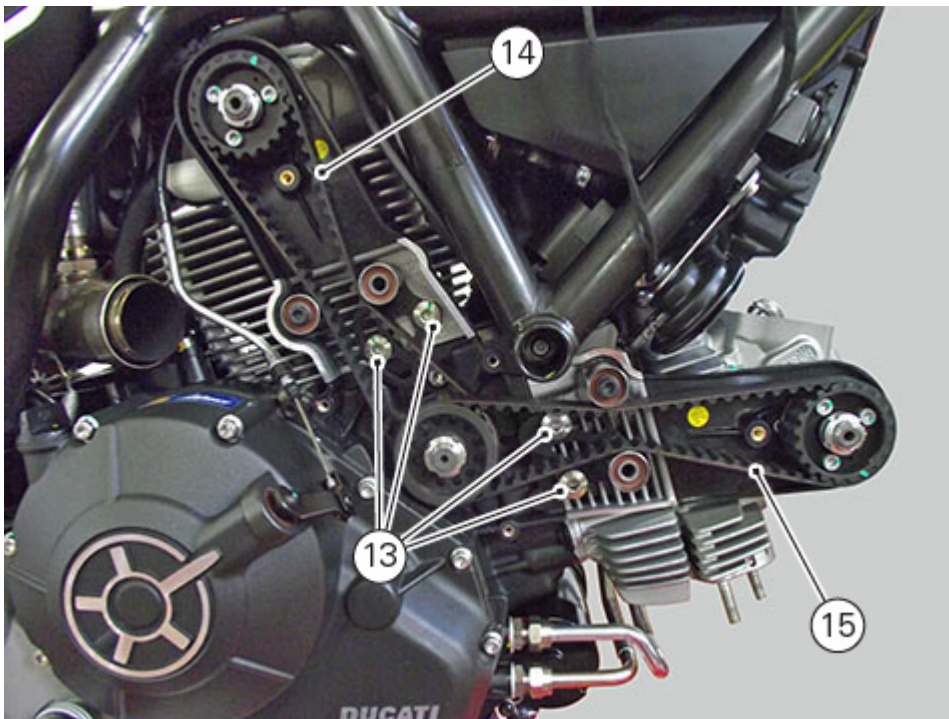
Work on the vertical head and remove spark plug cap and plug (9).  
Fit tool (C) part no. **88713.2288** fully home.  
If that is not possible, turn belt roller (7) until tool (C) can be inserted fully home.



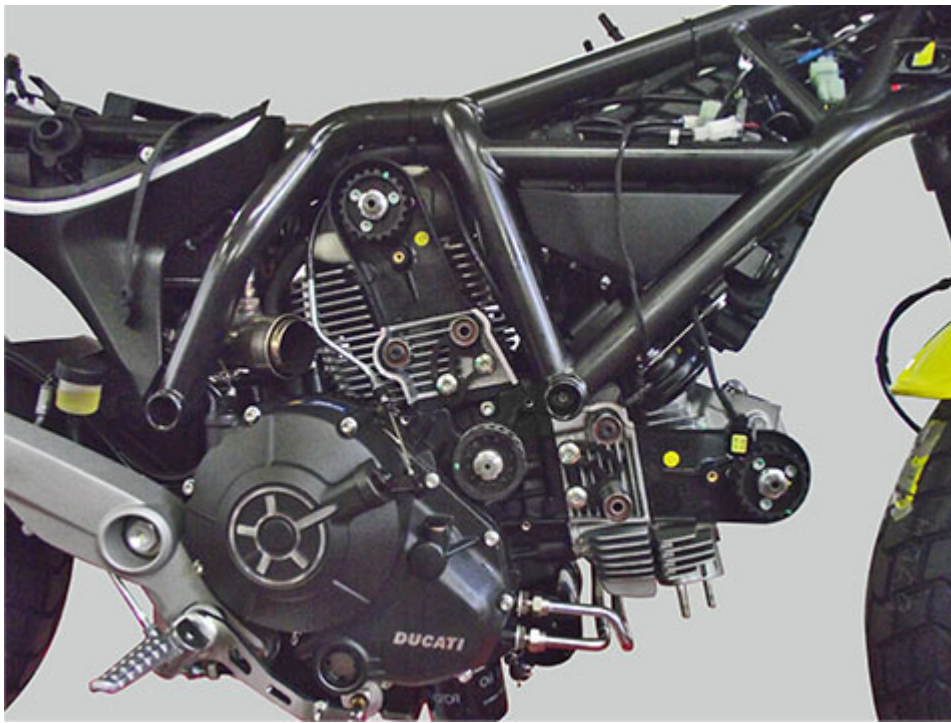
Loosen screws (11) of pulley (12) - vertical and horizontal cylinder.  
Turn pulley counter clockwise.



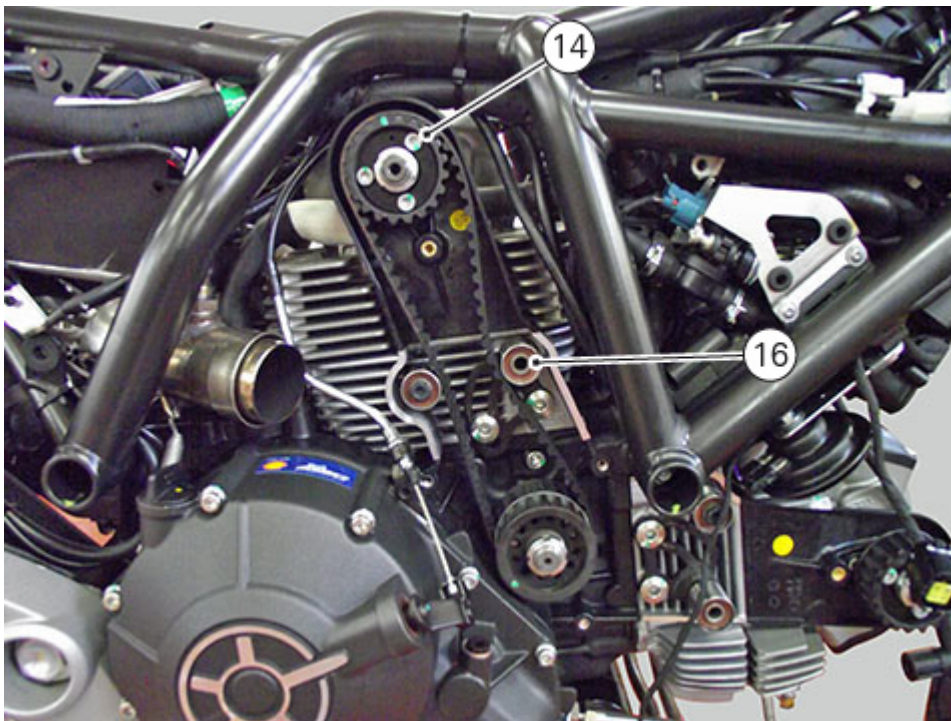
Loosen the two screws (13) from belt tensioner (14) on vertical cylinder and belt tensioner (15) on horizontal cylinder.



Remove both belts.



Fit belt (14) and tension it by hand using the mobile belt tensioner (16).

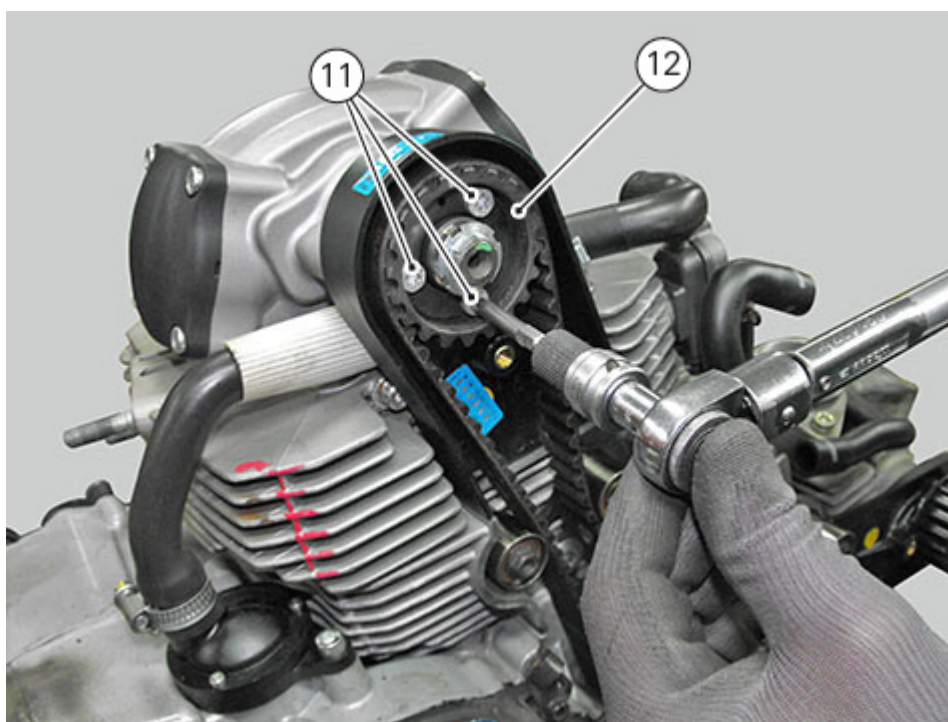


Check proper tensioning using the suitable tool (D) part no. **97900.0253**, frequency reading for proper tensioning is **140** Hz with a new belt.

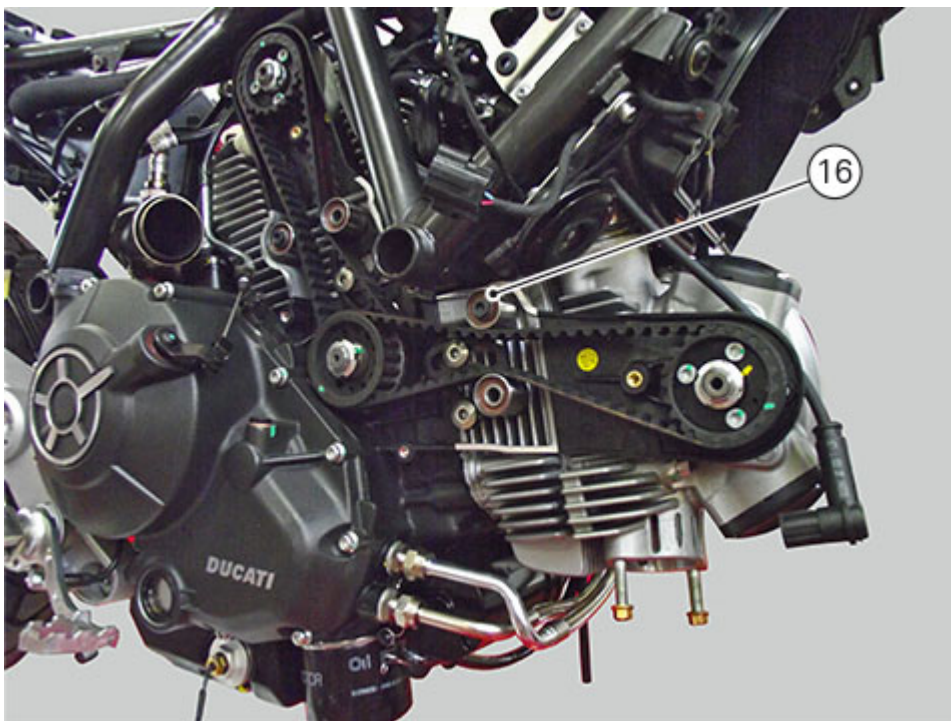
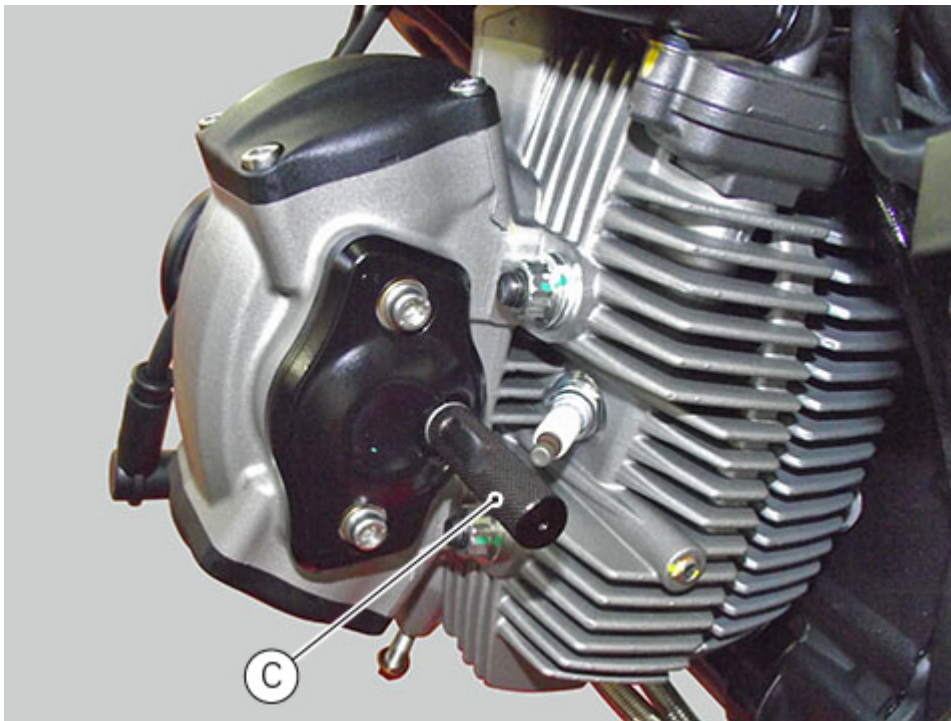
If this value is not reached, work the mobile tensioner (16) until getting the proper reading.



Tighten screws (11) of pulley (12).



Remove tool (C), tighten the plug and put back spark plug cap.  
Apply the same procedure to the horizontal head.





Refit the belt covers ([Refitting the timing belt external covers](#)).

Refit the exhaust system ([Refitting the exhaust system](#)).