

evoluzione cyclesports

installation instructions

performance spark plug wires & plugs for aprilia falco

part number 85056

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these **evoluzione cyclesports performance spark plug wires & plugs** are specifically designed to work with the computerized ignition found on the aprilia falco. these wires feature a 7mm silicone jacket and solid copper conductor.

introduction

the **evoluzione cyclesports performance spark plug wires & plugs** are easy to install by carefully following the instructions. [read all instructions first to familiarize yourself with the parts and procedures.](#)

installation

caution: It is suggested that the bike be allowed to cool off for a few hours to avoid burns from hot exhaust and parts.

step 1. with a 5mm allen wrench, remove the two bolts holding the seat. remove the seat and disconnect the negative battery terminal with a 10mm wrench.

step 2. using an 8mm socket, re-

move the two bolts holding the front of the fuel tank. utilizing the factory prop rod, lift and support the fuel tank.

step 3. with a 7mm socket, remove the top of the air box and the air filter. slide the m.a.p. (manifold absolute pressure) sensor off of the mount on the air box.

step 4. with a 4mm allen wrench, remove the screws holding the lower half of the air box. with a long flat blade screwdriver, loosen the large hose clamp on the front underside of the air box (air inlet). disconnect the vacuum lines on the bottom of the air box and carefully remove the air box.

step 5. carefully pull the spark plug wire leads off of the two spark plugs on the front cylinder. remove the two spark plugs and replace them with the supplied ones.

step 6. carefully roll back the small rubber boot where the spark plug wire enters the coil. grasp the spark plug wire near the coil and unscrew in a counterclockwise direction. repeat for the other coil. please see photo one.

step 7. remove the small black rubber boots from the factory spark plug wires (they are held on with a drop of glue). reinstall them on the new wires using a drop of wd-40® to aid installation.

step 8. install the new 12" spark plug wires into the coils by screwing them in using a clockwise motion until they fully seat. slide the black rubber boots back over the coils. push the plug wire boots back onto the spark plugs (make sure they fully seat).

step 9. next, remove the rear wrap-around fairing. use an 8mm socket and a 4mm allen wrench to remove the six bolts from the top. use a 5mm allen wrench to remove the two bolts holding the latch mechanism. use a 4mm allen wrench to remove the four underneath bolts.

step 10. carefully pull the spark plug wire leads off of the two spark plugs on the rear cylinder. remove the two spark plugs and replace them with the supplied ones.

step 11. with an 8mm socket, remove the two bolts holding the

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coil pack to the rear subframe. please see photo two.

step 12. feed the plug wires back through the frame. carefully roll back the small rubber boot where the spark plug wire enters the coil. grasp the spark plug wire near the coil and unscrew in a counterclockwise direction. repeat for the other coil.

step 13. remove the small rubber boots from the factory spark plug wires (they are held on with a drop of glue). reinstall them on the new wires using a drop of wd-40® to aid installation.

step 14. install the new 22" spark plug wires into the coils by screwing them in using a clockwise motion until they fully seat. slide the black rubber boots back over the coils.

step 15. carefully feed the spark plug wires back through the subframe. push the plug wire boots back onto the spark plugs (make sure they fully seat). remount both coil bracket onto the subframe.

step 16. reinstall the air box base, filter & lid. make sure to reconnect any disconnected vacuum lines.

step 17. reconnect the negative battery terminal and start bike. if the engine appears to have a "miss" or you can hear an electrical "zap," turn off bike and recheck all of your connections.

step 18. reinstall the rear wrap-around fairing and latch mechanism.

step 19. lower the fuel tank and reinstall the two bolts at the front of the tank.

step 20. reinstall the seat.



photo one (front coils shown)

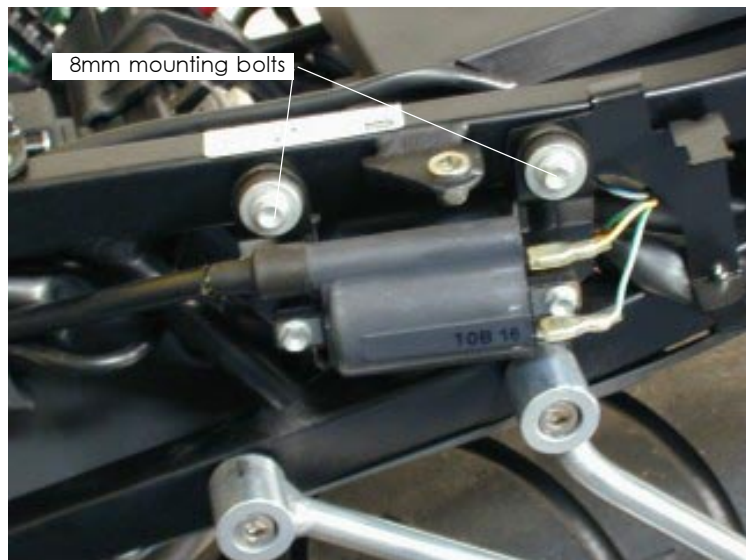


photo two (rear coils shown)

parts list

12" performance plug wires (2)
22" performance plug wires (2)
performance spark plugs (4)

tools required

4mm & 5mm allen wrenches
8mm & 10mm wrenches
7mm & 8mm sockets/driver
flat blade screwdriver
wd-40®