

ASSEMBLY FOR PREMIUM 21

Assembly for TDR X LIMIT CATALYSED made since 2003.

The speed of the mopeds of 50C.C is limited at 45 km/h in the European road network. In order to respect this legislation, connect the blue cable to the earth and your vehicle will be controlled to 45km/h.



REMOVE THE IGNITION COVER WITH A KEY OF 4.



LOOSEN THE ROTOR NUT OF 15, WITH A COMPRESSED AIR GUN.



IF YOU DON'T HAVE A COMPRESSED AIR GUN, REMOVE THE SPARK PLUG, WITH A KEY OF 21.



PUT AT THE SPARK PLUG PLACE, A BLOCK PISTON STICK AND TURN BY HAND THE ROTOR TO PUT THE PISTON IN TOUCH WITH ITS BLOCK PISTON STICK.



LOOSEN THE NUT, WITH AN ALLEN KEY OF 15.



SCREW THE EXTRACTOR FOR YAMAHA IGNITION AND REMOVE THE ROTOR, WITH THE 2 KEYS.



REMOVE THE TWO SCREWS OF THE PICK UP, WITH A CROSS-SHAPED SCREWDRIVER.



CAUTION !
THE 3 SCREWS OF THE SUPPORT ARE VERY HARD TO LOOSEN. TO DO THIS, USE AN ALLEN KEY OF 3 ANG GIVE SMALL BLOWS WITH A HAMMER ON THE KEY, BEFORE TRYING TO REMOVE IT.



CUT THE INFERIOR PLASTIC COLLAR OF THE TUBE, UNTIL THE CONNECTOR.



CUT THE INFERIOR PLASTIC BRIDLE, UNTIL THE COIL.



DISCONNECT THE 4 WAYS CONNECTOR AT THE END OF THE TUBE OF THE ORIGINAL STATOR AND REMOVE THE STATOR.



PUT THE PREMIUM SUPPORT END TIGHTEN IT, WITH THE 3 PROVIDED SCREWS AND A CROSS-SHAPED SCREWDRIVER.



RECOVER THE WIRE PASS OF THE ORIGINAL STATOR AND PLACE IT IN THE RIGHT WAY ON THE TUBE OF PREMIUM STATOR. PLACE THE PREMIUM STATOR ON THE SUPPORT, PUTTING THROUGH THE CARTER HOLE AND TIGHTEN IT, WITH THE 2 PROVIDED SCREWS OF 5X30 MM.



LOOSEN THE BLOCK PISTON STICK, USE IT LIKE A STICK, TURNING THE CRANKSHAFT TO FIND THE BTDC. AT THE BTDC, MAKE MEET THE RED MARK OF STATOR AND ROTOR. TIGHTEN THE ROTOR WITH THE DISC AND THE ORIGINAL NUT.



CUT THE COLLAR ON THE TUBE. RECOVER THE SHUTTER ON THE TUBE OF THE ORIGINAL IGNITION.



AFTER RECOVERING THE SHUTTER ON THE TUBE OF THE ORIGINAL STATOR, PLACE IN THE RIGHT WAY, ON THE TUBE OF PREMIUM STATOR.

The good red mark is the one which the arrow corresponds to the motor rotation way.



PLACE THE SHUTTER IN ORDER TO CLOSE THE EXIT CARTER CABLE.



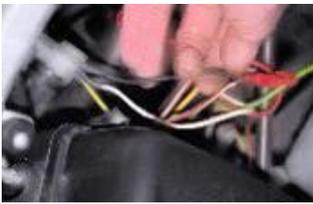
REMOVE THE ORANGE CABLE FROM THE COIL, TO REMPLACE IT BY THE ORANGE CABLE OF THE DIAGRAM. REMOVE THE SUPPORT SCREW, FROM THE HIGH VOLTAGE COIL, AND FIT, KEEPING THE ORIGINAL BLACK CABLE, AND THE BLACK OF THE DIAGRAM AND THE GREEN/YELLOW OF THE STATOR.



CONNECT THE RED/BLACK CABLE OF THE DIAGRAM AND THE STATOR TOGETHER.



PLACE THE RED PROVIDED CLIP ON THE BROWN OR RED/WHITE CABLE (FOR THE MODELS MADE SINCE 2008) OF THE ORIGINAL CDI, WITHOUT DISCONNECTING, NEITHER CUTTING IT, PLACE THE BROWN CABLE OF THE DIAGRAM, IN PARALLEL ON THE CLIP NEXT TO THE BROWN CABLE OF THE CDI AND CLOSE THE CLIP WITH PLIERS IN ORDER TO PUT THE 2 CABLES IN TOUCH.



ON THE CONNECTOR 4 WAYS OF THE ORIGINAL WIRING HARNESS, PREVIOUSLY DISCONNECTED OF THE ORIGINAL STATOR, CONNECT THE YELLOW CABLE OF THE PREMIUM STATOR WITH THE RED/YELLOW CABLE OF THE CONNECTOR, AND THE WHITE CABLE TOGETHER.



CHECK THE BATTERY IS ON ITS PLACE, WITH A VOLTAGE OF 12 VOLTS.



REASSEMBLE THE IGNITION COVER, WITH AN ALLEN KEY OF 4. PLACE BETWEEN THE IGNITION CARTER AND THE ENGINE, STRUTS TO PULL THE CARTER AND LET THE AIR GO FREELY, OR MADE HOLES IN THE TOP AND THE BOTTOM OF THE IGNITION, TO VENTILATE IT.



REMOVE THE BLOCK PISTON STICK.



REASSEMBLE THE SPARK PLUG WITH ITS CONNECTOR CAP.



REASSEMBLE THE COVER LIKE AT THE ASSEMBLY.

CAUTION!

Before any test, check the battery is on its place and charged on 12 volts. Because, if the battery is not connected, the PREMIUM ignition won't work. Please charge the 2 bulbs before, for the models 12 Volts 20 Watts or 1 de 35 Watts.

Before assemble the ignition, disassemble the spark plug if it is of black colour it is necessary to lower of 5 points of carburation, if it is of colour chocolate or grey it is necessary to raise of 10 of 15 points of carburation.

MVT THE ENERGY OF THE EXPLOIT

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