

# Hitec Eclipse 7



DUPLEX TF module fits this transmitter well but you can also use Duplex TU and mount it inside the transmitter. Antenna can be placed to the original place. In this case we recommend to use HE7 assembly kit. During handling with the transmitter, it must be switched off. It is necessary to solder. Put the transmitter on a soft pad to avoid damage.



Switch off the transmitter



Turn upside down



Unscrew 6 screws



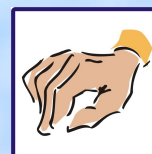
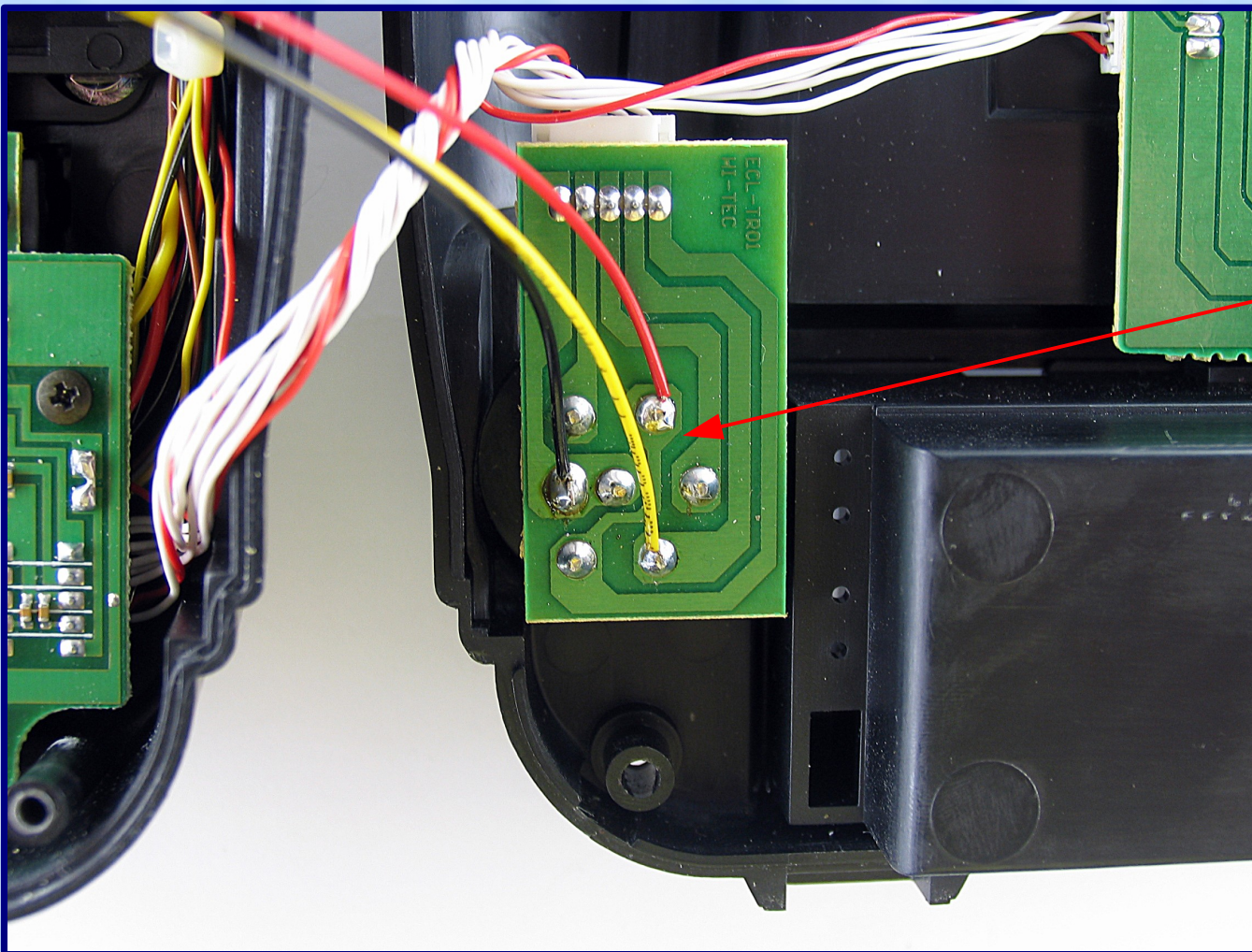
Open rear casing



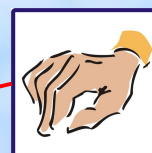
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Screw off original transmitting antenna. There is connecting cabel in Duplex TU package. Cut off connector on one side. Solder carefully each electric conductor to the „instructor-student“ connector as shown on a picture.



Screw off the antenna



Solder conductors to the connectors

red – power supply

black – ground

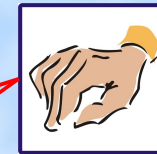
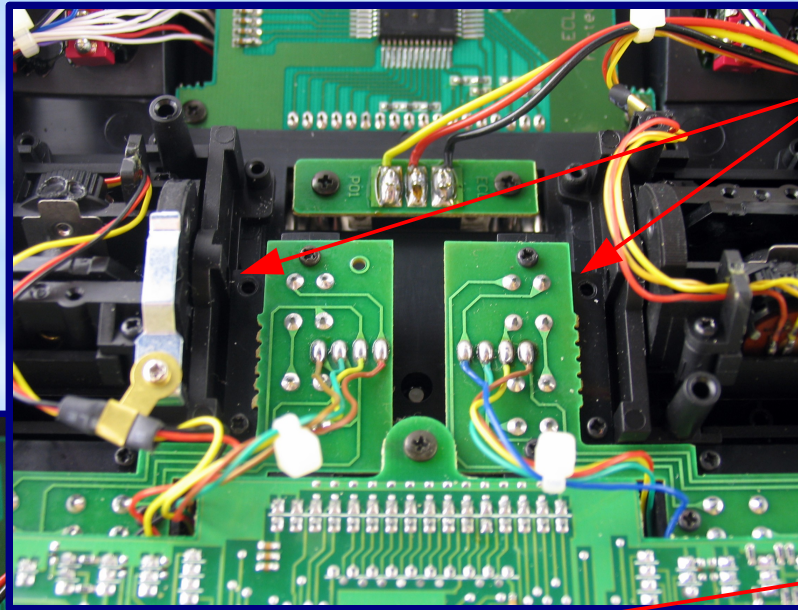
yellow – PPMimpulses



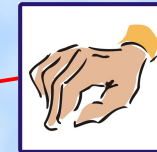
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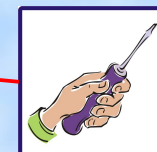
For Duplex TU module fixation, it is recommended to use parts from assembly kit HE7. Use two longer distance bars and screw the carrier board. Insert remaining distance bars for mounting Duplex TU module.



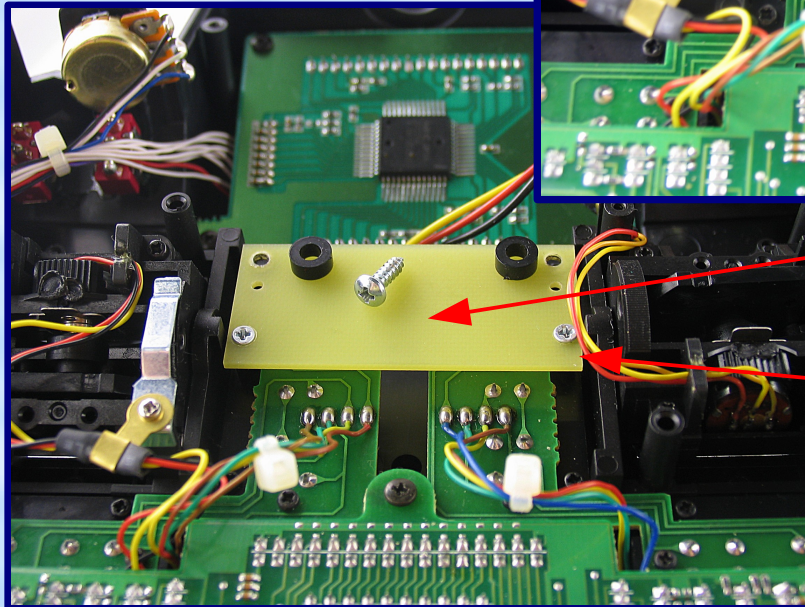
Insert distance bars



Use carrier board from assembly kit



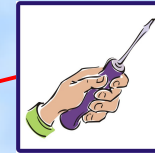
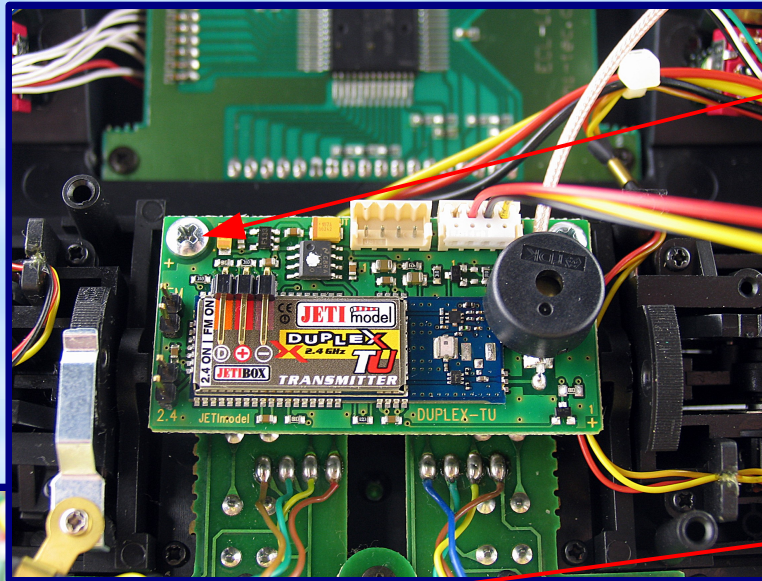
Screw the carrier board



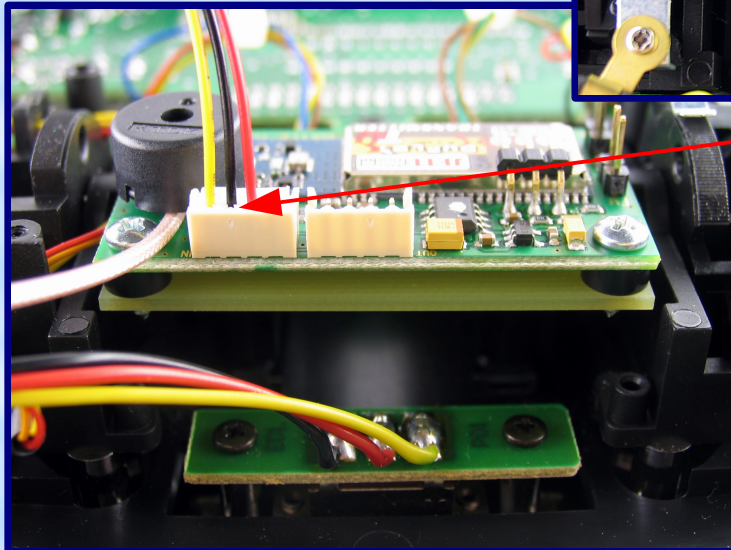
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Fix Duplex TU module with remaining distance bars and screws from assembly kit.  
Connect Duplex TU module with the transmitter by cable from assembly kit.



Screw Duplex TU module to the carrier board



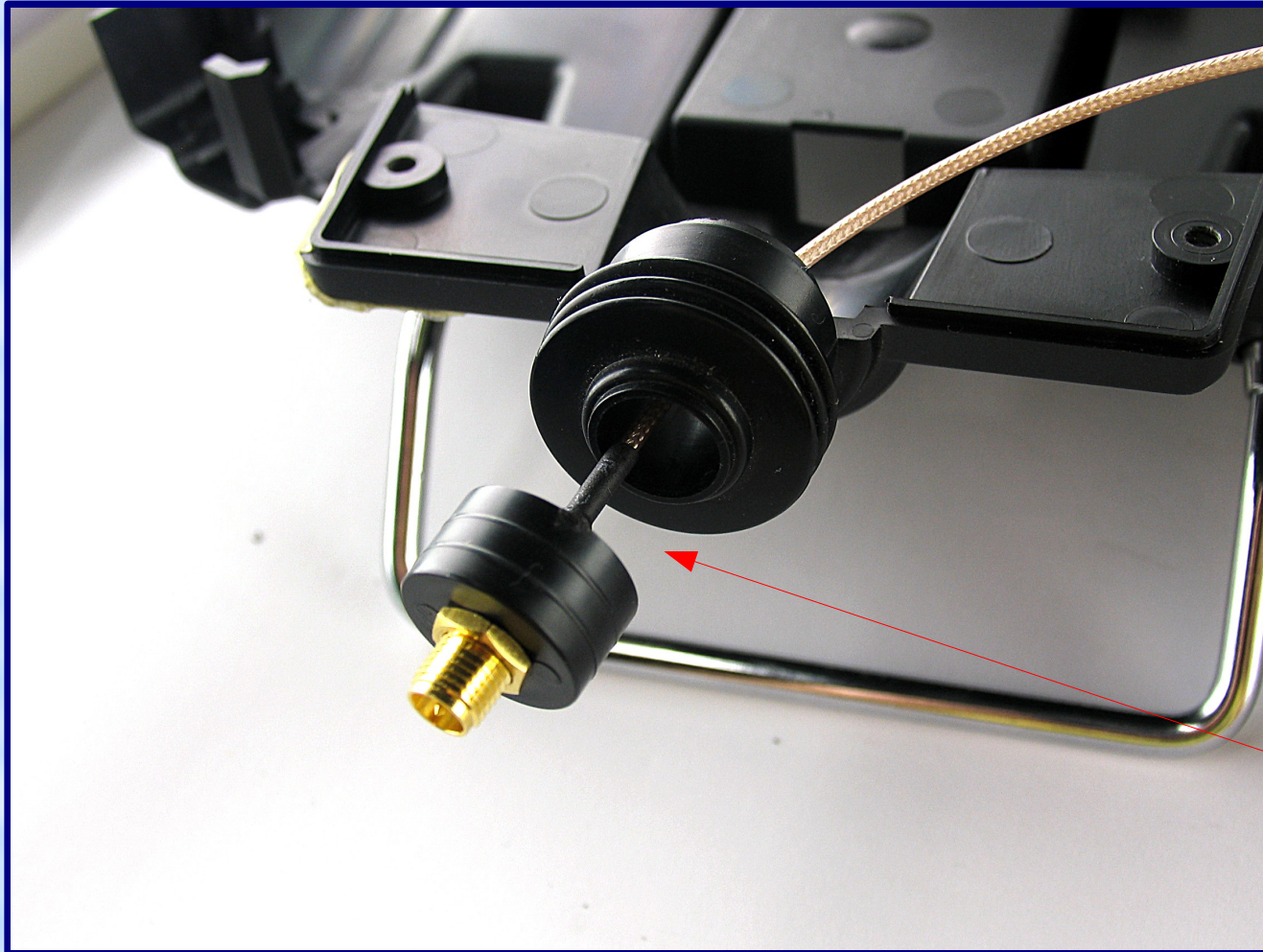
Connect Duplex module with the transmitter by cable



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Unscrew nut and washer from antenna connector, put connector through out from the transmitter. Put inlay from assembly kit on antenna connector, put in the washer and screw the nut. Stick antenna part with glue to the transmitter.



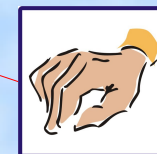
Put connector through out from the transmitter



Put plastic part on



Screw the nut



Stick antenna part to the transmitter

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Incase the transmitter with reverse procedure see page 1. Screw enclosed antenna. Installation is completed. Before using it is necessary to pair off new receiver and transmitter, see receiver manual.



Mount rear casing of transmitter



Screw 2.4GHz antenna