

Xtra.Application note

AN013 Installing the Universal Charge Coil

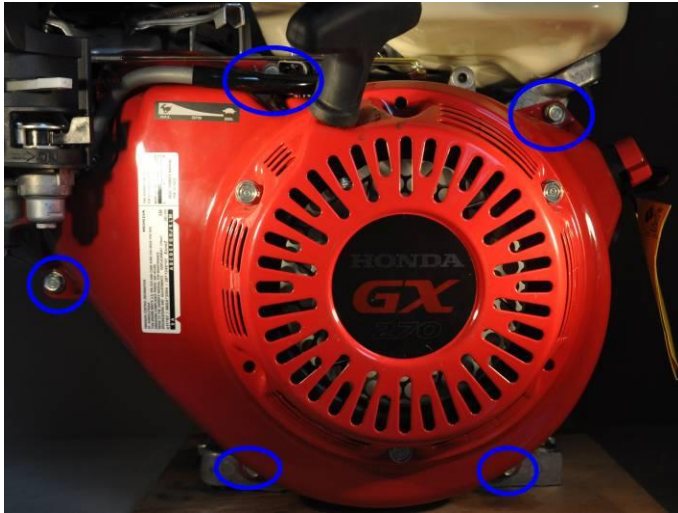
1 Introduction

Depending on the Honda GX motor, you will need an additional power source to use the Xtra products on a vehicle.

The Honda engines which are subject to the requirement of an additional power source are the GX270-UT2 and GX390-UT2. These engines have two wires connected to the power switch.

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2 Installation of the Charge Coil



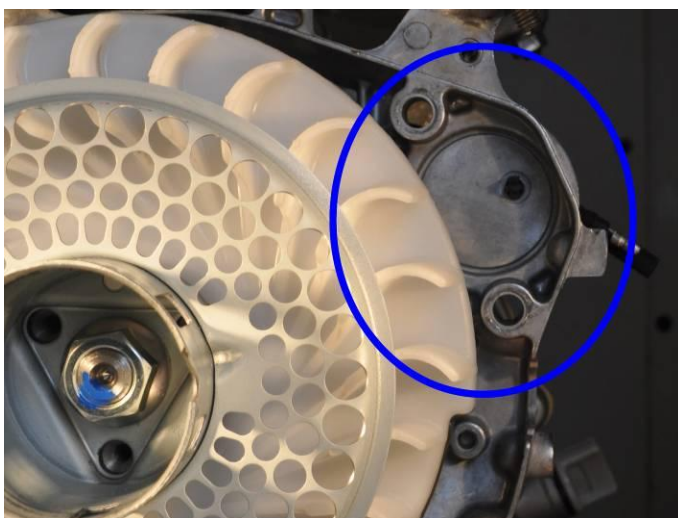
Remove the screws marked with blue circle



Disconnect the wires of the power switch.

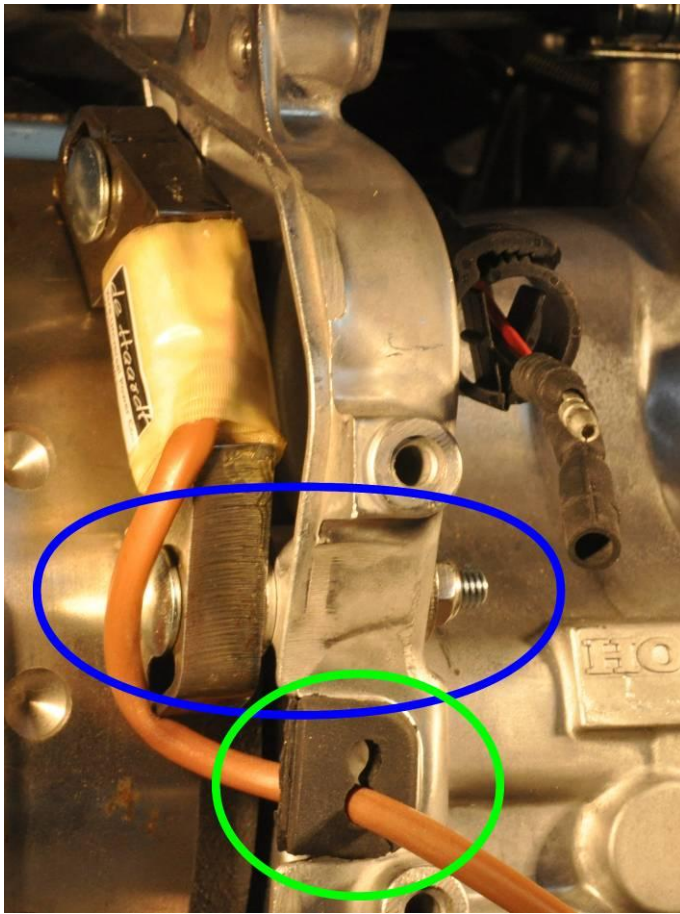
Now you can remove the red hood

Make sure you do not damage the fuel line and throttle bar



The location to mount the universal power coil is on the top right, marked with a blue circle

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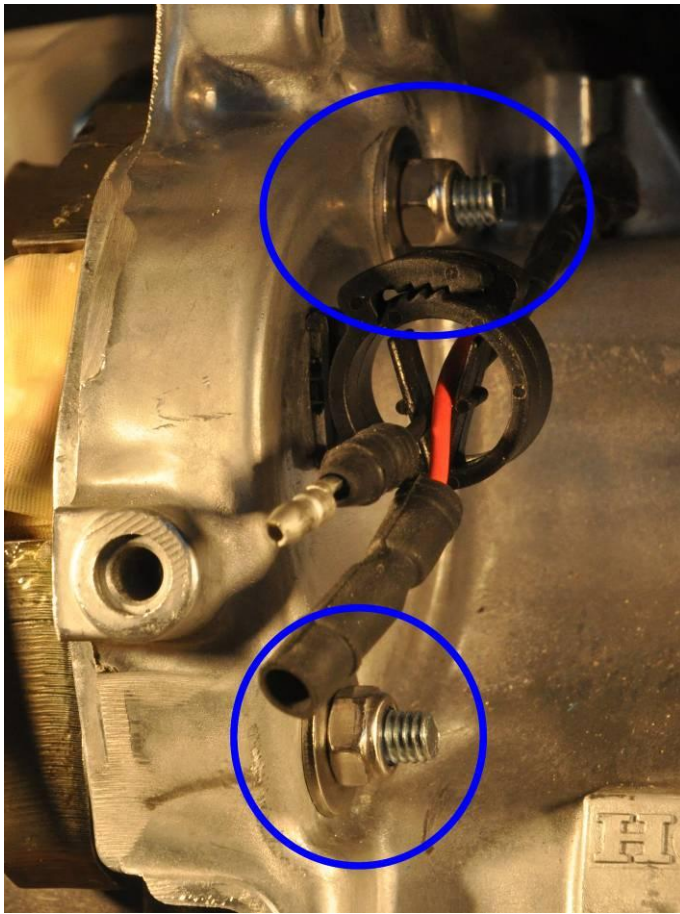
Mount the universal power coil as shown in the following pictures

We advise to use M6 Carriage bolts of at least 50mm of length

As shown in the picture left, put a metal washer between the coil and the motor (blue circle)

Put the wire in the cable guide as marked with the green circle

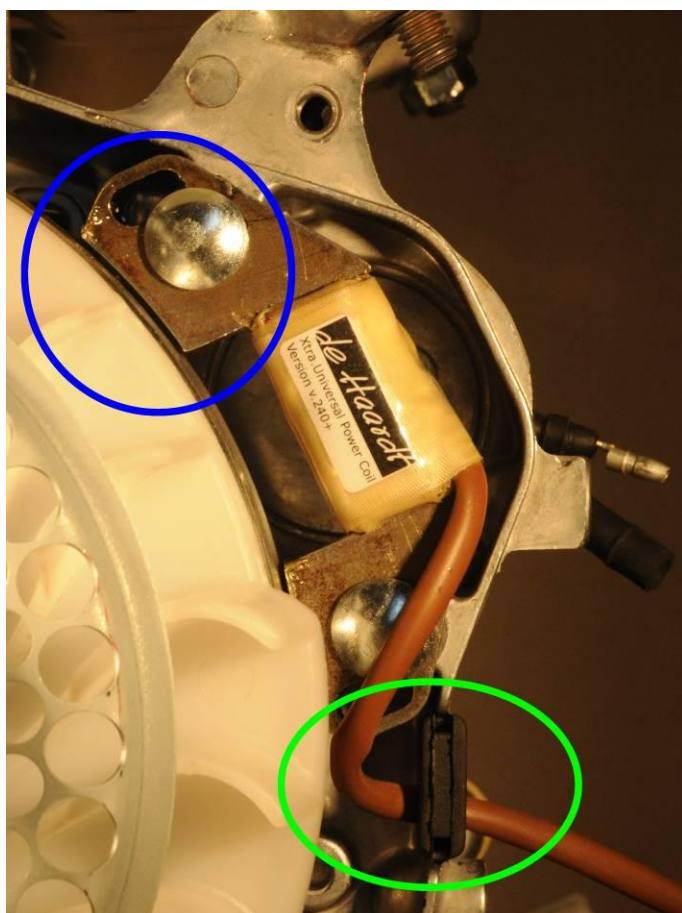
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As shown in the picture left, put a metal washer between the motor and the nuts (blue circle)

We advise to use self locking nuts to minimize maintenance

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Keep a small space between the flywheel and the universal coil core as marked with a blue circle

Minimum distance is 0.5 [mm]

Maximum distance is 1.2 [mm]

Put the wire in the cable guide as marked with the green circle and leave minimal cable length inside the motor housing



After mounting the coil the red hood can be put back

Don't forget to use all 5 bolts

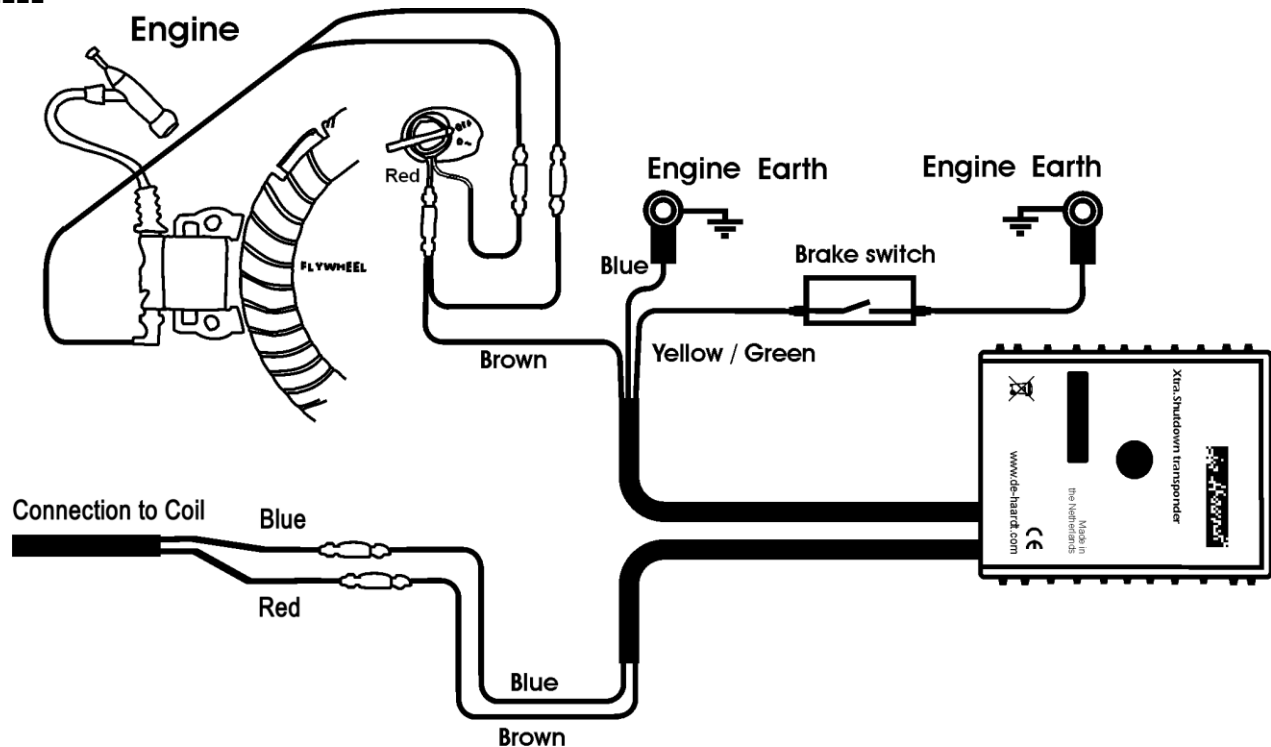
Make sure the wire is running through the cable guide as marked with the bleu circle

The motor is ready for installing the Xtra. CDI shutdown transponder

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3 Mounting the Xtra.CDI shutdown transponder

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IMPORTANT:

If you have an Xtra.Universal Power Coil with two orange cables, one of these cables is marked with a shrink wrap. This marked cable is to be considered as the BLUE one.

Safety notice

All products are designed as *supplement* to make karting safer, but *cannot* replace safe track procedures. If equipment fails, the normal operating procedure must still be adequate to safely operate the track.

This application note has been written with great care. However, the manufacturer cannot be held responsible, either for any errors occurring in this publication nor for their consequences.

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