

Shift-I™

Supplementary Fitment Guide

Kawasaki ZXR250 (1990)



V1.0

Ecliptech Innovations Pty. Ltd.

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INTRODUCTION

This is a supplementary guide to the installation manual specifically for the Kawasaki ZXR250, 1990 model. It may also be applicable to similar models.

Fitment for this model bike is not complicated. The approach is to remove the front fairing to get access to the wires at the back of the instrument. The wires required are easy to find and ring terminals can be crimped and screwed onto the instrument.

STEP 1: REMOVE FRONT FAIRING

Unplug the indicators. They are connected with bullet connectors and pull apart.

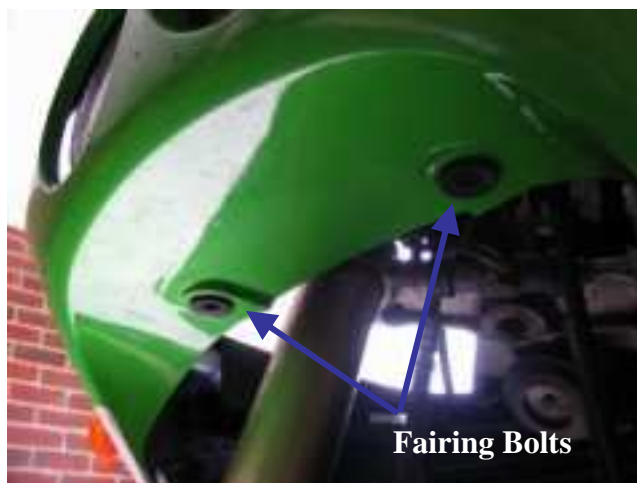


Remove the fairing bolts holding the front fairing to the side fairings.



INSTALLATION

Remove the two bolts on the underneath of the fairing. The rubber grommets will later need to be pushed back through the holes.



Remove the mirror bolts...



Detach the front fairing from the mirror mounts.



STEP 1: ATTACH SHIFT INDICATOR

At the back of the instrument, the required three wires are connected to the tacho with bolts. It doesn't get easier than this!

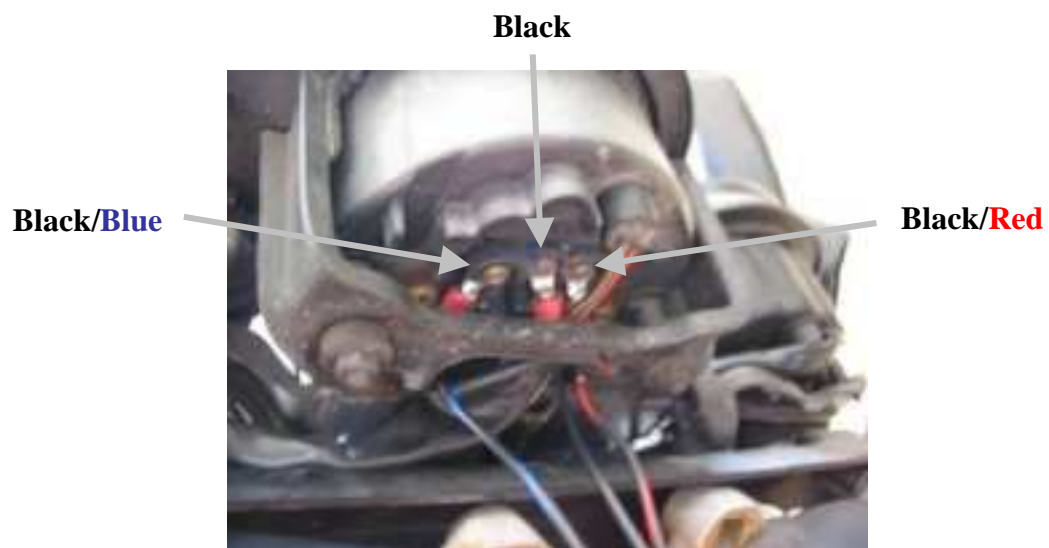


INSTALLATION

For this installation, O-ring terminals were crimped on the shift indicator wires.



Then the wires bolted into place.



The terminal on the left is the Tacho signal, (connect to black/blue wire).
The middle terminal is Ground, (connect to black wire).
The right terminal is Ignition, (connect to black/red wire).

RE-ASSEMBLY

Tips

Test the shift indicator works before re-assembling. You will have to change some of the setting to suit the bike, which is covered at the end of this manual.

Before putting the bolts back through the fairing, fit the rubber grommets in position. If they are difficult to installed, or pop out when the bolt goes through, spray a bit of dry lube on them. Makes it so much easier to assemble.



Remember to re-connect the indicators.

If you have any dead instrument bulbs, now is a great time to pull them out and change them. If your not sure what bulb type they are, take them to an auto shop or service station to match them.

MOUNTING

The Shift-I™ comes with two double sided adhesive pads. Clean the surfaces of the instrument and Shift-I™ prior to applying the pads, preferable with a non-greasy alcohol or plastic cleaner. Cut the supplied adhesive pads to suit and firmly press the Shift-I™ into place. Do not pull at the Shift-I™ to see how strong the adhesive is, as this can reduce its potential bond strength. It will take several days before full bond strength has been achieved, at which point the adhesive pads will tear before the sticky surface gives away.

Mount in the position you prefer.



SETTINGS

Required Settings

Calibration value = 1

The default is 2, so the value must be changed.
This will ensure the RPM matches that of the bike.
Refer to the user manual to set this value.

Optimal use for the ZXR250 fitted were...

Sensitivity = 4

Hysteresis = 50%

It is highly recommended to start with these settings.
Refer to the advanced user guide to set them.

Enjoy the ride!