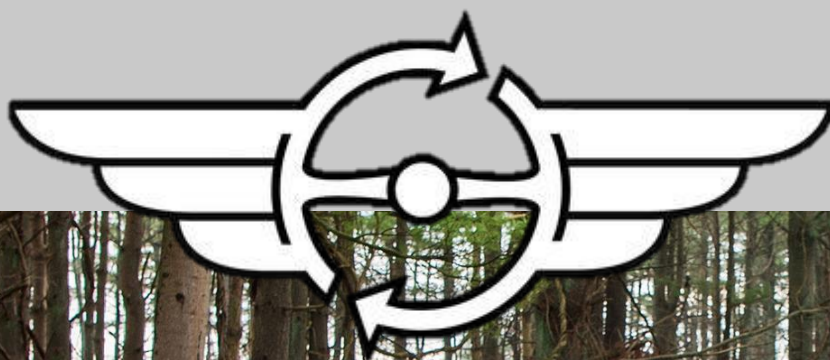


# **EZ ELECTRIC POWER STEERING**

## **INSTALLATION GUIDE**

**FERRARI 512 BB**





# CONTENT

The Product .....	1
Contents of the set .....	2
Before and after assembly .....	3
Installation.....	4



## THE PRODUCT

Thank you for choosing an EZ ELECTRIC POWER STEERING product for its quality, it's performance, type approval and its straightforward assembly. Since 2006 we have been manufacturing complete steering columns with integrated electrical assistance. All columns are tailor made for each type of car and we have over 200 different types in stock. For more information about our products (power steering systems and replica steering wheels) or to place an order, visit our website [www.ezpowersteering.com](http://www.ezpowersteering.com) or send an e-mail to [info@ezpowersteering.nl](mailto:info@ezpowersteering.nl). If you have any questions of a technical nature please contact [workshop@ezpowersteering.nl](mailto:workshop@ezpowersteering.nl).

Versie C1

Datum 13/3/20

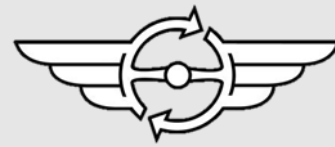
*This installation manual must be read very carefully to avoid mistakes.*

*Check if all parts are present in the kit using the picture in the manual.*

*Compare the EZ Power Steering Column with the original column. Examine if the sizes are similar.*

*If you do not have the skills or tools to carry out the installation, then have a professional fit the kit for you.*

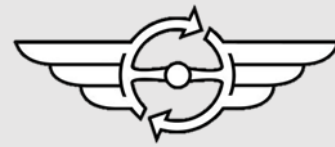
*EZ Power Steering cannot be held accountable for a faulty installation or damages to the kit or vehicle.*



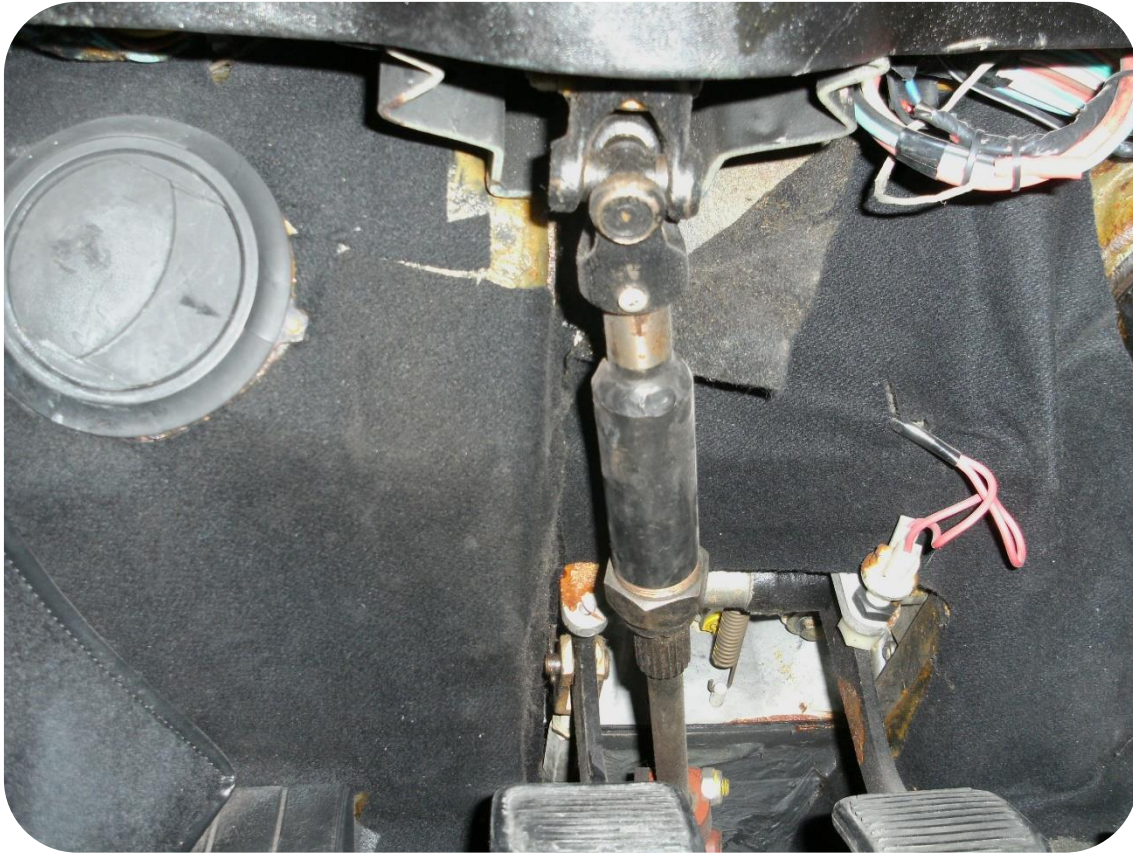
# CONTENTS OF THE SET

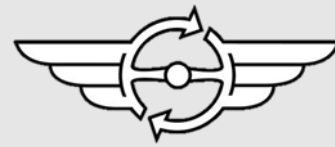


- 1 LHD KIT
- 2 RHD KIT
- 3 WIRING HARNESS WITH CONTROLLER
- 4 ECU
- 5 POWER SUPPLY CABLE

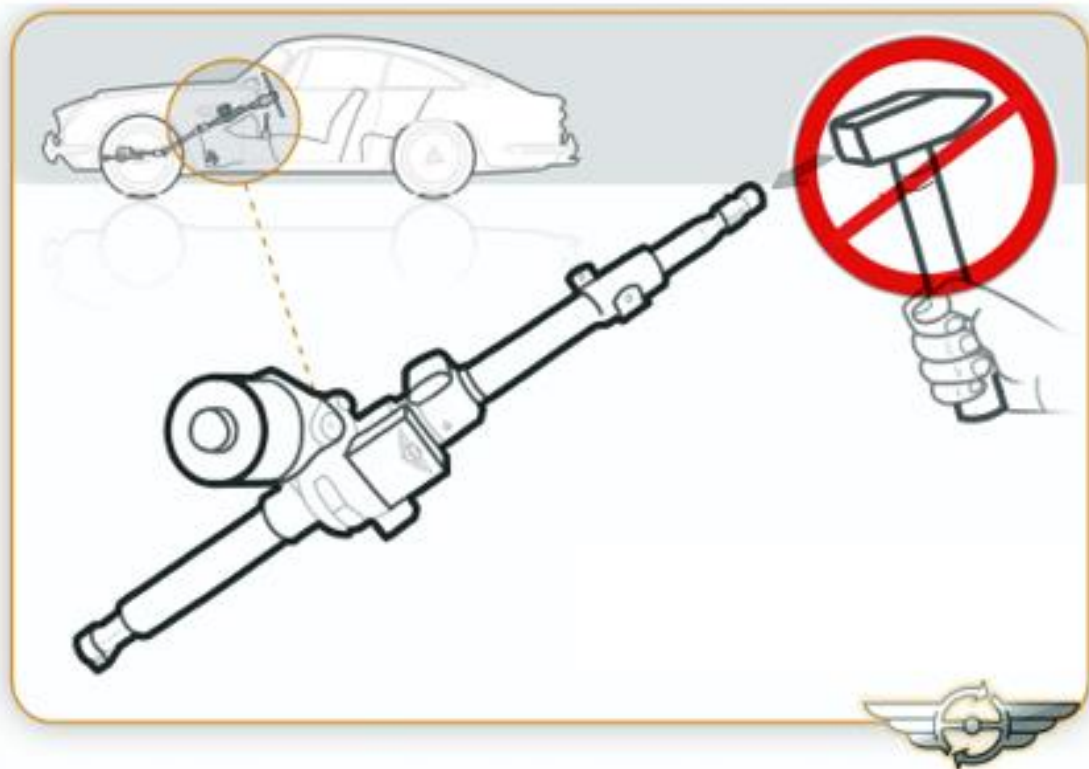


## BEFORE AND AFTER ASSEMBLY

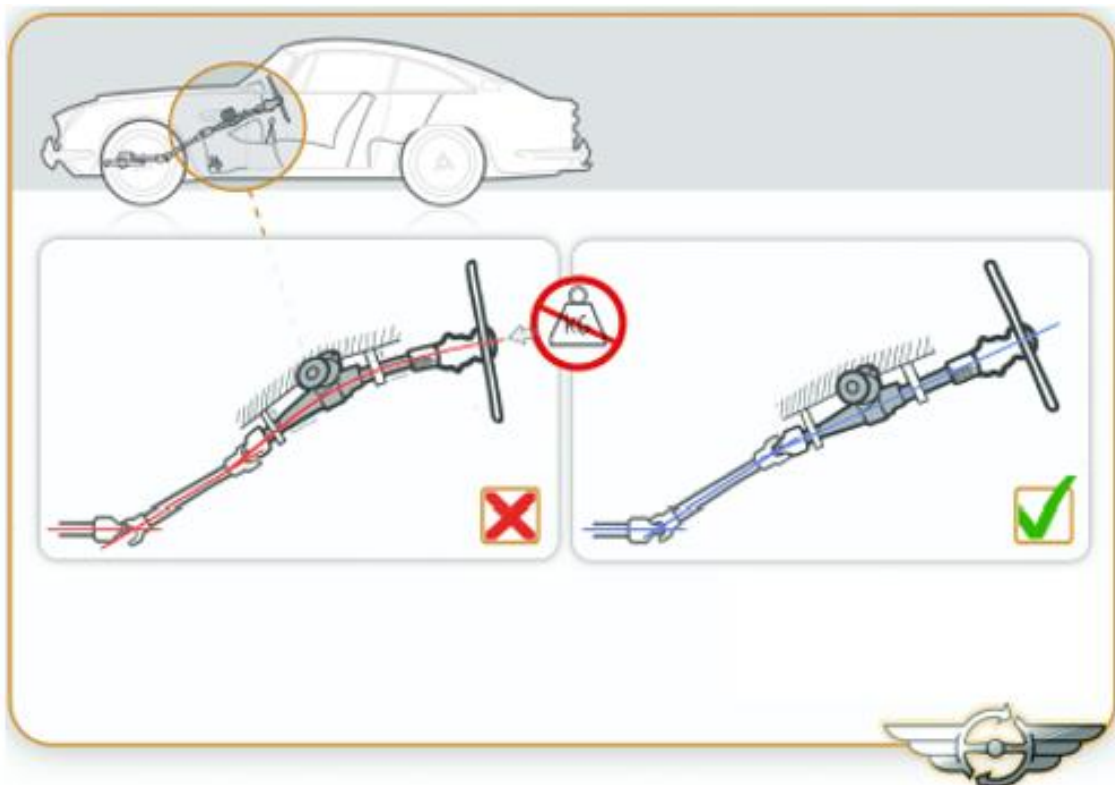




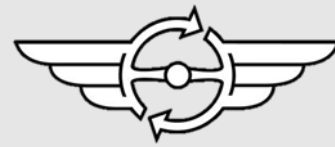
# INSTALLATION



Never strike the input shaft with an object during or after assembly. This can adversely affect the sensors.



The steering system must always be properly aligned and mounted without tension.



### Step 1.

Check the tire pressure and take a test drive with the car. Check whether the steering wheel returns to the straight-ahead position. Check whether the controls and instruments are defective. If all this is in order, then proceed with the conversion.

### Step 2.

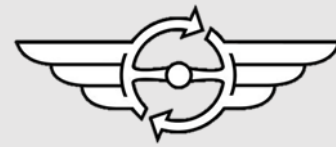
Find a power supply connected via the contact. This is necessary for controlling the EZ power steering unit (see point 10). To do this, disassemble the bottom plate under the dashboard if present, the switched power supply can be removed from the contact lock or the start button. Then disconnect the earth cable from the battery. Make a choice before installation, or put the wheels and steering wheel in the straight-ahead position, mark this position and continue with the conversion. Or determine the center of the wheelhouse by dividing the number of steering turns, from full left to full right, by two and adjust the wheel alignment after installation, if necessary.



### Step 3.

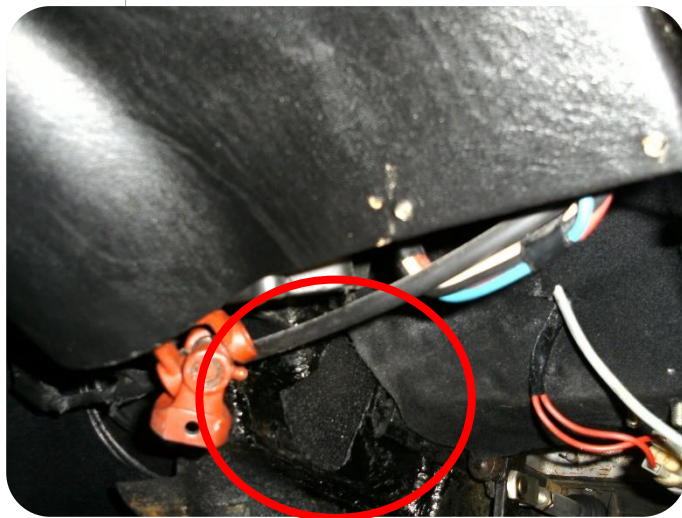
Note the position of the universal joints relative to each other, they must remain the same after installation.

Remove the clamp bolt and taper pin and disassemble the steering shaft.



#### Step 4.

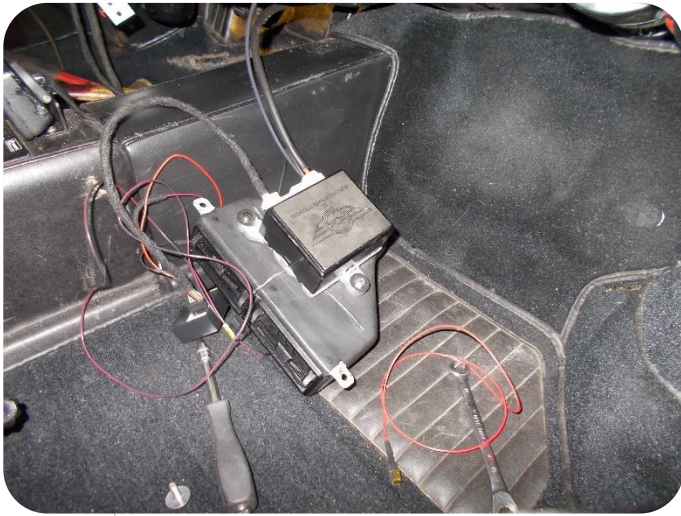
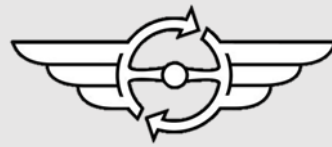
Take the cover out of the way to make a small cutout. This is to give the EZ unit the space to fit in the car. It concerns a polyester panel with an empty space behind it. Fill the recess with some black foam and replace the cover over the recess.



#### Step 5.

Then place the EZ unit in the car and tighten the two universal joints. Consider the position of the universal joints and the straight-ahead position of the steering wheel.





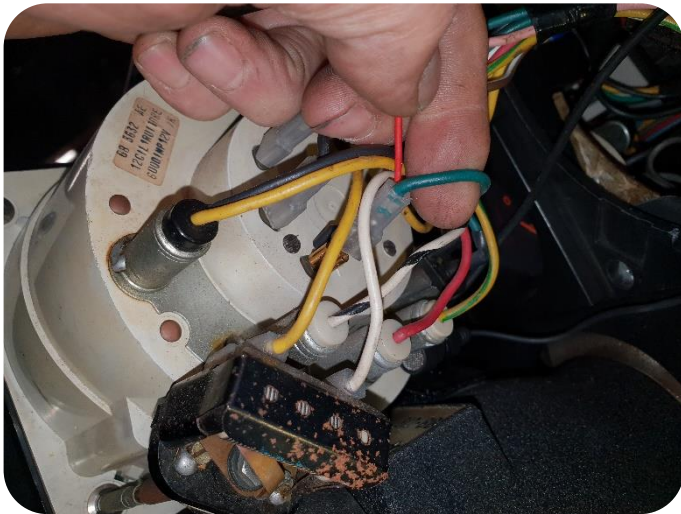
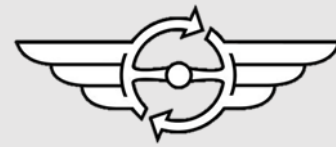
**Step 6.**

Assemble the ECU and then connect it.



**Step 7.**

Connect the electronic speed signal from the speedometer to the red / black wire of the EZ wiring harness



### Step 8.

The blue-green wire is the connection of the electronic speed signal.

Install the red / black wire of the EZ wiring harness

### Step 9.

Connect the thick red wire (30+) supplied via the fuse holder directly to the battery plus. It is advisable to insulate the wire with an extra jacket.

### Step 10.

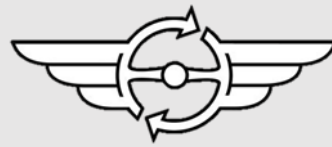
Connect the thin red wire (15+) to a contact-switched power supply (see point 2)

### Step 11.

Connect the black wire (31-) to a suitable clean ground point.

### Step 12.

Install the previously disconnected earth cable from the battery. After switching on the ignition, a click is heard from the ECU, the system is now operational, check this by making steering movements. After switching off the ignition, a click is heard again after about 4 seconds. The system is then disarmed.



### Step 13.

Or mount the steering wheel at the position of the center of the wheelhouse and adjust the wheel alignment if necessary. Or mount the handlebars in the marked straight ahead position. Take a test drive and check all systems again. Also check if the steering wheel position is correct, if not adjust it.

### Step 14.

The end result.

