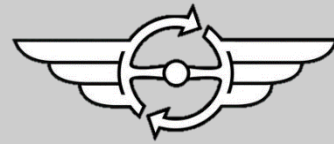


EZ ELECTRIC POWER STEERING

INSTALLATION GUIDE

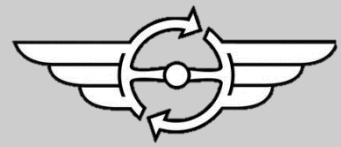
JAGUAR E-TYPE SERIES I (1961-1968)





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THE PRODUCT

Thank you for choosing an EZ ELECTRIC POWER STEERING product for its quality, its 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 or send an e-mail to info@ezpowersteering.nl. If you have any questions of a technical nature please contact workshop@ezpowersteering.nl.

Version C1

Date 16/1/20

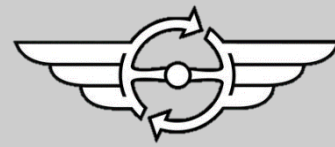
This installation manual must be read very carefully to avoid mistakes.

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

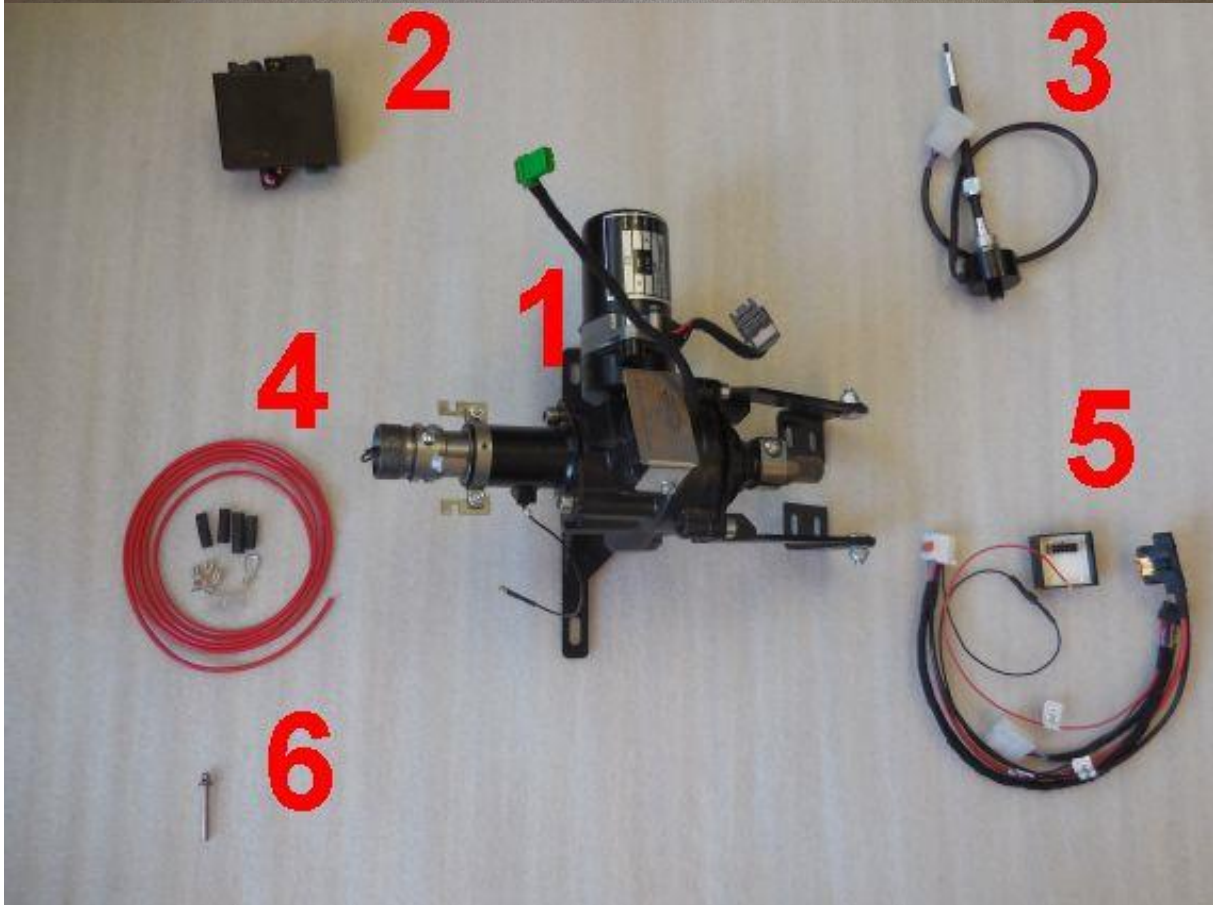
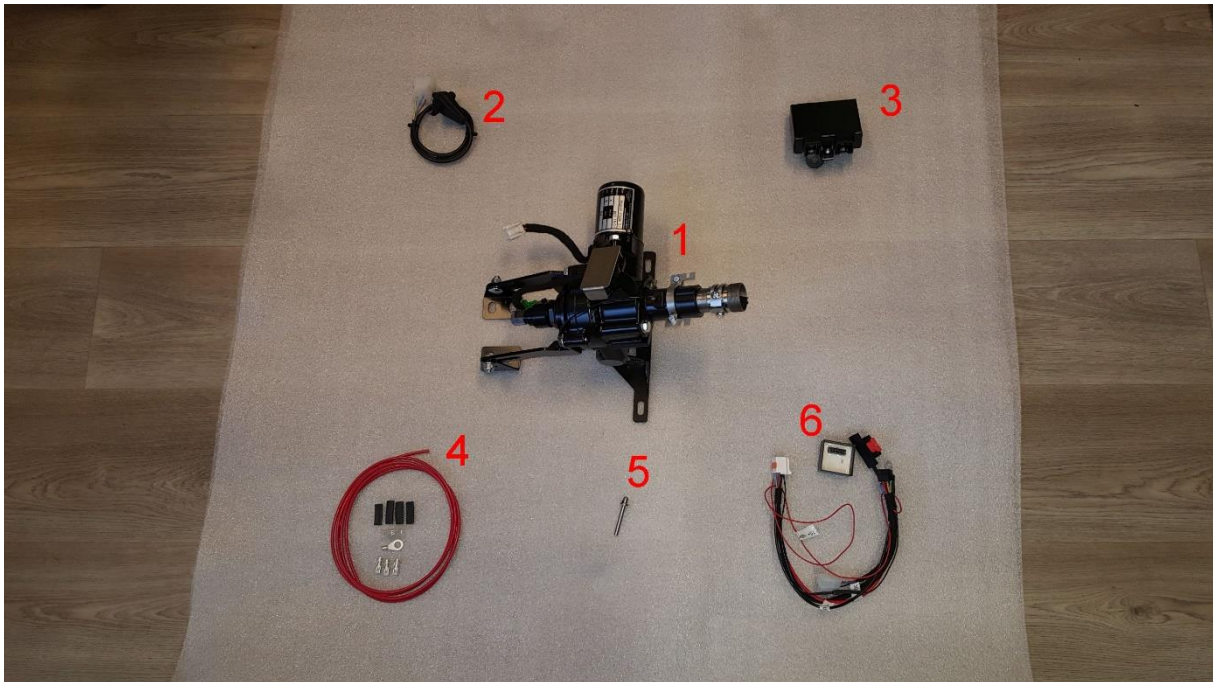
Compare the EZ Power Steering Column with the original column. Examine if the sizes are similar.

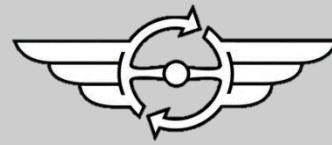
If you do not have the skills or tools to carry out the installation, then have a professional fit the kit for you.

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



OVERVIEW OF THE KIT





INSTALLATION

Step 1.

Take the car for a test drive and check the original steering system for defects. Also check the functions from the steering column switches. If everything is functioning correctly, continue with the conversion.

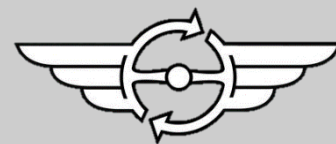
Step 2.

Locate an ignition-switched plus wire (12V) and label this wire. This is needed to switch the EZ unit on/off. Disconnect the battery earth afterwards.



Step 3.

Remove the horn button and steering wheel.



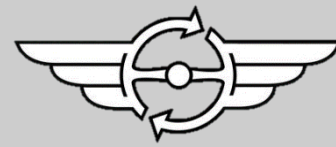
Step 4.

Remove both conical rings from the original steering shaft.



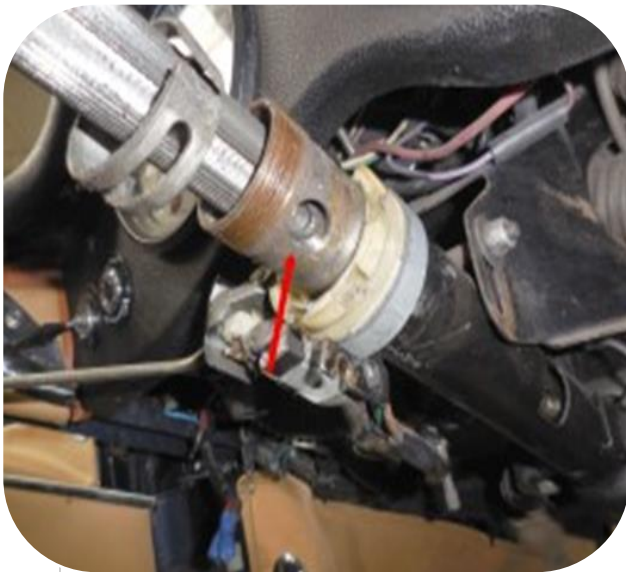
Step 5.

Remove the indicator switch from the original steering column.



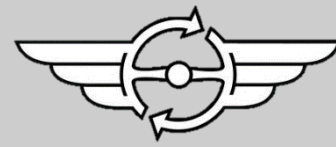
Step 6.

Remove the bolt from the indicator reset. The reset itself can be removed afterwards.



Step 7.

Remove the locking bolt from the steering shaft. The steering shaft itself can be removed afterwards.



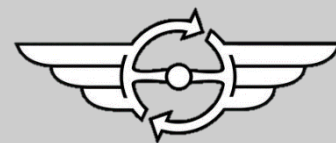
Step 8.

Make a note of the distance between the original steering shaft and the dashboard



Step 9.

Remove the bolt from the U-joint underneath the dashboard.



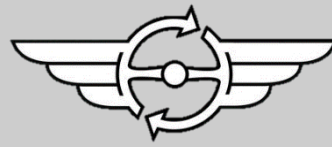
Step 10.

Remove the upper installation bolt from the original steering column.



Step 11.

Remove the lower installation bolts from the original steering column.



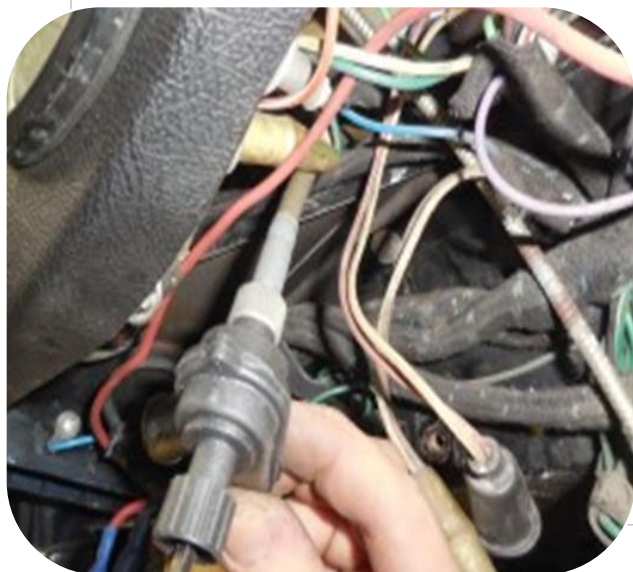
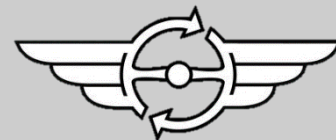
Step 12.

The original steering column can be removed from the vehicle.

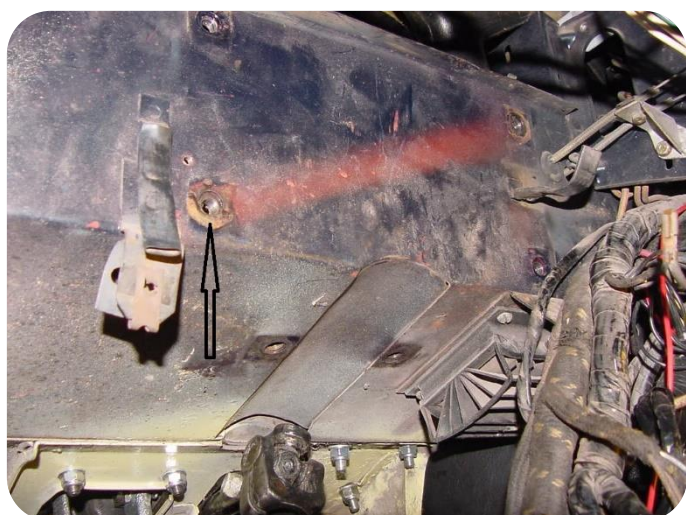


Step 13.

Install upper EZ bracket onto both original mounting points.

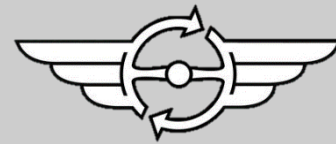


Step 14.
Install the speed sensor behind the speedometer. The cable can be fitted onto the sensor.



Step 15.
Mount the EZ ECU in the car. You can mount it with one of the lower bolts of the original bracket like in the picture.





Step 16.

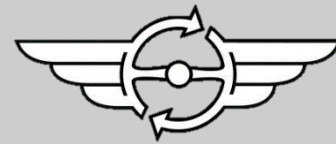
Install the EZ unit into the vehicle: first install it onto the lower mounting points (do not forget the U-joint). Now the column can be installed into the upper EZ bracket, which was previously installed (do not tighten it yet).



Step 17.

Check the distance between the dashboard and the steering shaft (see step 8). Once the EZ unit is in the right position, tighten all bolts (do not forget the U-joint!).

Temporarily install the steering wheel and check that everything can turn freely.



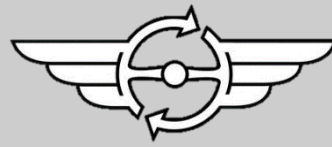
Step 18.

Install the indicator switch assembly onto the EZ unit. Check the function from the reset afterwards and adjust it in the straight ahead position if necessary.



Step 19.

Install the contact pin for the horn button. The electric wire can be connected with the small hex screw. The original (plastic) holder and spring can be reassembled onto the new pin. Install this complete assembly onto the EZ unit.



Step 20.

Connect the EZ harness with the ECU :

- Connect the thick red wire (30+) through the fuse holder, directly to the battery plus (12V)
- Connect the thin red wire with an ignition switched plus (12v) (step 2)
- Connect the black earth wire (31-) with a suitable earth point
- Connect the speed sensor wiring with the EZ harness



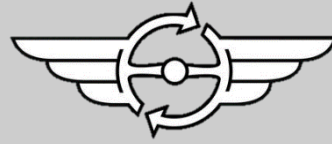
Step 21.

Install both conical rings on the EZ unit.



Step 22.

Install the steering wheel assembly.



Step 23.

Reconnect the battery earth. After the ignition has been switched on, there should be a click noticeable from the ECU. The system now is operational. Check this. After the ignition has been switched off the system shuts down with a delay of about 3 seconds - this is normal.

Step 24.

Take a test drive and recheck all systems.