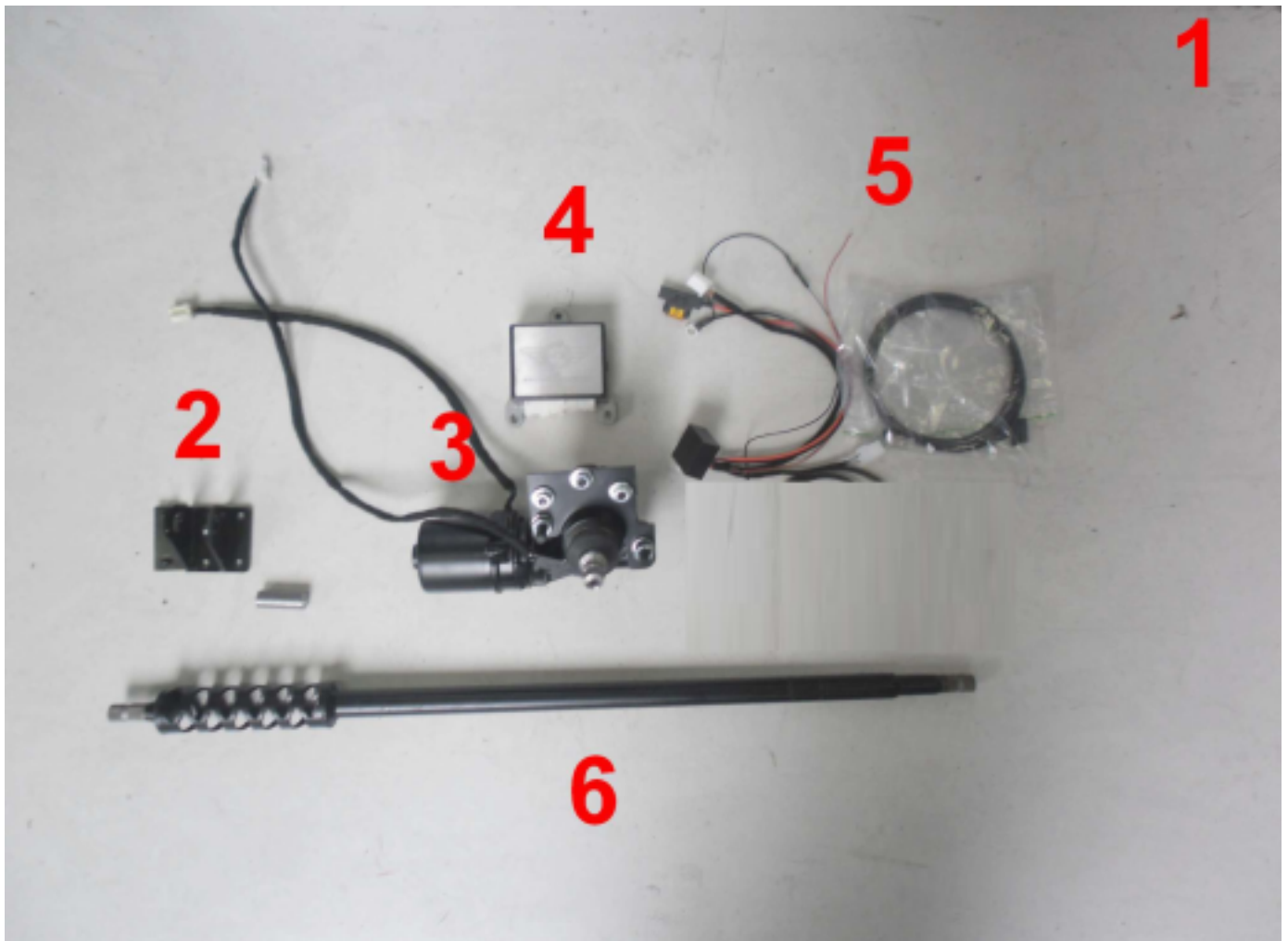


# EZ ELECTRIC POWER STEERING



Installation manual  
Lamborghini Espada

# Contents



1-Complete kit.

2-Throttle pedal bracket.

3-EZ unit.

4-ECU.

5-Wiring harness with potentiometer and feed wire.

6-Output shaft.

1. Check car's tyre pressure and take the car for a testdrive. Check the original steering system for defects. When all OK continue with the conversion.
2. Locate an ignition switched wire, mark this wire. This is needed to switch the EZ unit on/off. See point 15. Disconnect battery earth. Align the steering system to it's center position.



3. Mark this position on the steeringbox, also mark the position from the U-joints against each other.



4. Remove bolt from U-joint at steering box.



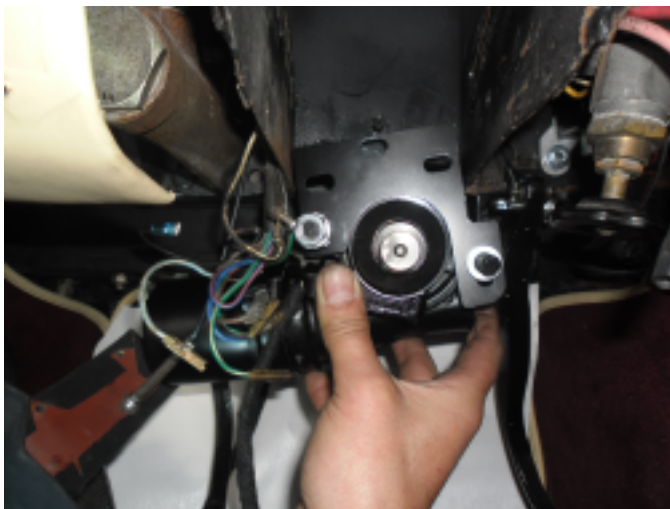
6. Remove bolt from U-joint underneath steering column. If needed remove cover at the top from column. Disconnect the connectors from the steeringcolumn. After removal from the mounting bolts the column can be removed from the car. The throttle pedal can be removed afterwards.





10. Temporarily install the throttle bracket, it's needed to drill 2 holes (6.5mm). Mark both holes and drill them after removal from the bracket. Remove pedal from original bracket and install it into the EZ one. Install the complete pedal assembly into the vehicle.

Install the outshaft afterwards, do not forget to install the grommet inside the firewall.



11. Install the EZ bracket onto the unit (do not tighten the bolts) and install the EZ unit. Also fit the output-shaft to the unit.



12. Reinstall the upper steering column into the vehicle, watch the alignments from the u-joints and steering box (see point 3). Reconnect the steering column connectors (see point 6). Be sure the EZ unit is aligned correctly and shafts are fitted tension free (axial and radial)! Tighten all nuts and bolts after this has been done.

13. Connect the EZ harness with the ECU.

14. Connect the thick red wire (30+) through the fuse holder directly with the battery plus. (onto the right inner fender against the firewall).

15. Connect the thin red wire (15+) with an ignition switched plus (see point 2).

16. Connect the black wire with (31-) with an suitable earthpoint.
17. Locate a suitable location for the potentiometer and install it.
18. Reconnect the battery earth, after the ignition has been switched on there is a click noticeable from the ECU. The system is now operational, check this. Also check the function from the steering column switches.
19. Take the car for a testdrive and recheck all systems. If needed adjust the steering wheel position to the correct position.

