

EZ POWERSTEERING

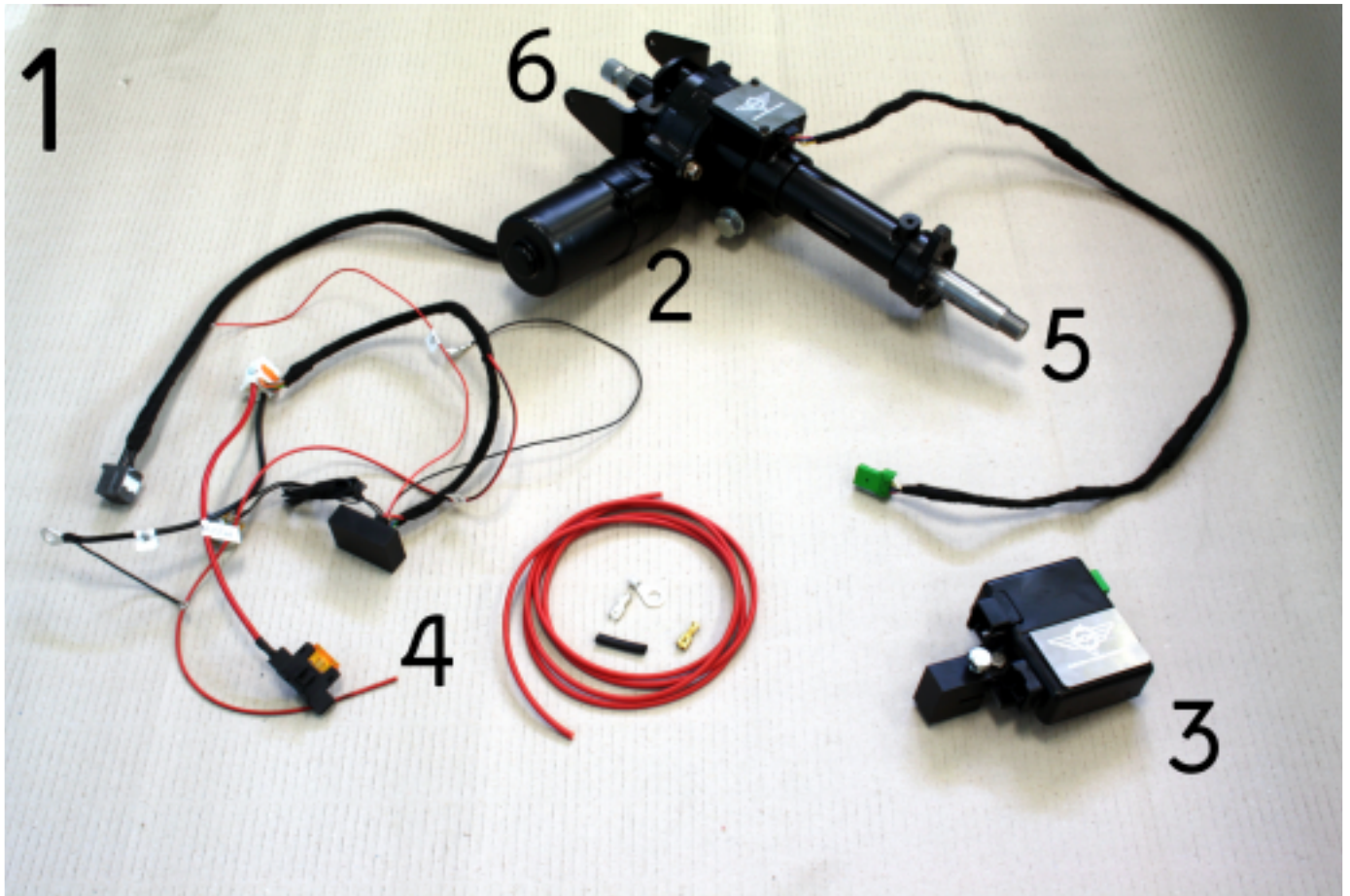


INSTALLATION MANUAL FERRARI 348

Versie 0.1

02-03-2012

CONTENTS



EZ-FER348-1. EZ Powersteering, complete set

EZ-FER348-2. Servo motor

EZ-FER348-3. ECU

EZ-FER348-4. Harness

EZ-FER348-5. Input shaft.

EZ-FER348-6. Output shaft.

1. Take the car for a testdrive and check the steering system for faults and alignment. If all OK, continue with the conversion.

2. Locate a ignition switched feed (12v) en mark this wire. Disconnect the batterie earth cable afterwards.



3. Align the steering system. Mark this position on the lower universal joint at the firewall. Remove the steering wheel afterwards.



4. Remove the steering column cover together with the instrument cluster and the steering column switches. Watch the connectors!



5. Remove the universal joint at the bottom of the steering column. Remove the mounting bolts from the steering column and remove the steering column.



6. The original mounting points need to be modified, see last page for template.

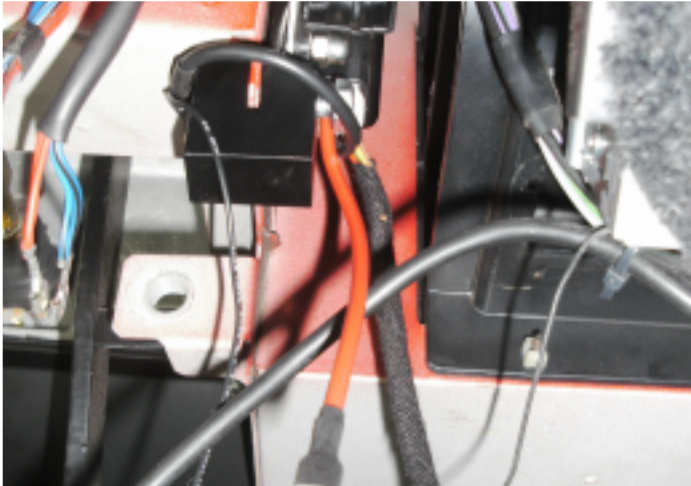


7. Remove ignition lock from original column and fit it to the powersteering column

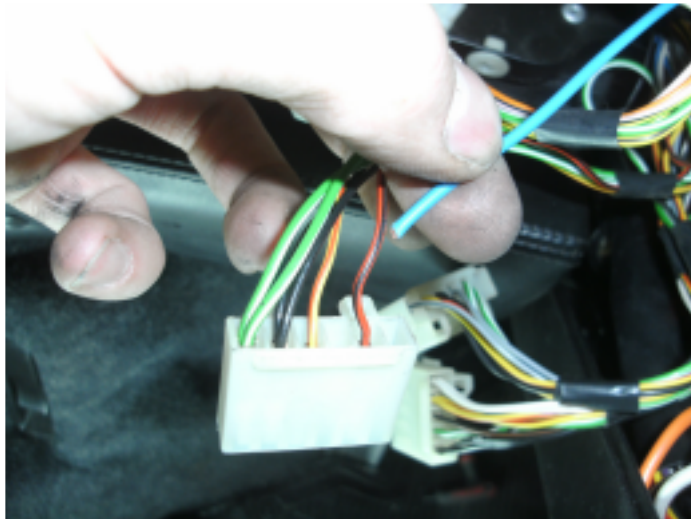


8. The steering column covers need to be modified, see photo. Use powersteering unit itself as a template.

9. Fit the universal bolt onto the powersteering column (do not tighten it). Further on fit all mounting bolts from the steering column. With the front mounting bolt the angle can be adjusted. If everything fits and turns OK, fit the mounting bolt from the universal joint.



10. The ECU can be fitted just above the pedals, with the clamp/bracket



11. Connect the speed signal wire from the powersteering unit to the red/black wire from the speedo from the car. This can be located behind the removed instrument cluster. After the wire has been connected the instrument cluster can be refitted.

12. Refit the steering column switches, cover and steering wheel back on the column.

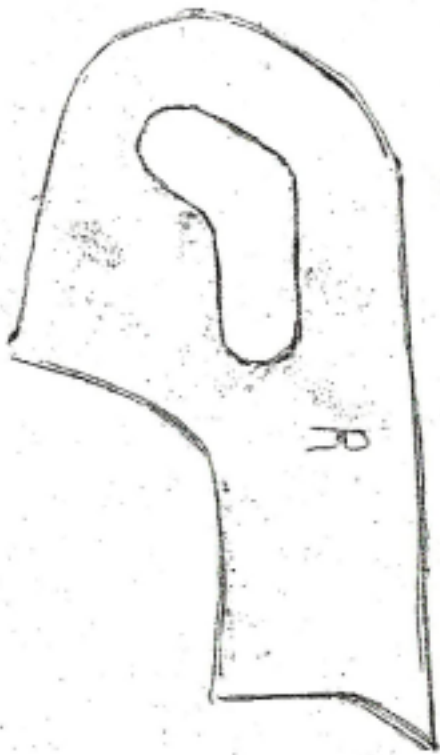
13. Connect the thick red wire (30+) via de fuseholder directly to the batterie +

14. Connect the thin red wire (15+) to a ignition switched feed wire, see point 2.

15. Connect the black wire (31-) to a suitable earth point.

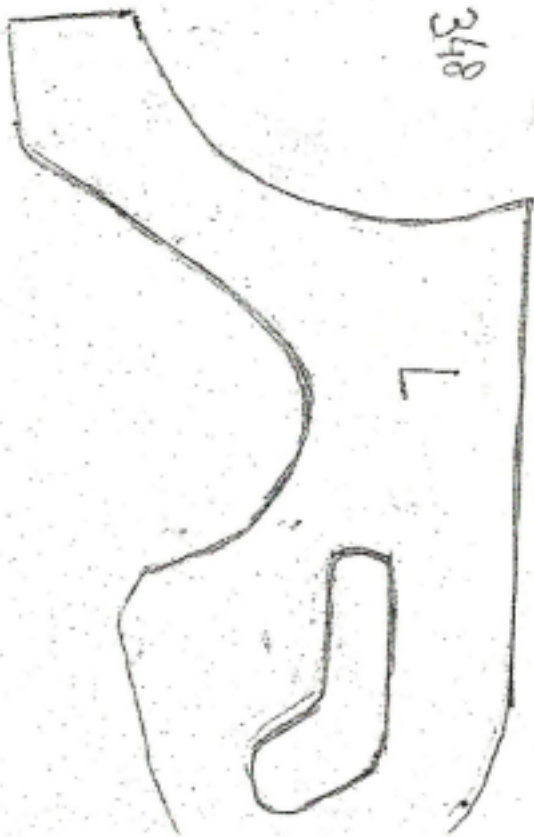
16. Connect the earth cable back to the batterie minus, after that the ignition is switched on a click should be noticeable from the ECU. The system should be operational. Check this together with the steering column switches.

17. Take the car for a testdrive and recheck all systems. Also check if the steering wheel is alligned OK.



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Ferrari 348



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