



OWNER'S MANUAL
JEEP CJ 5 & CJ 6 1954-1964
&
WILLYS



DESIGNED
& ASSEMBLED IN

U.S.A.



Required tools

- Drill
- Right angle grinder, with cutting disc
- Goggles
- Drill bit – 6.6 mm (17/64”) – provided when required
- Tap M8x125 – provided when required
- Measuring tape
- Steering wheel removing tool
- You will also need multiple hand tools to remove steering columns
- Mig welder if available



Recommendations

- The installation of this system should be done by a professional mechanic or a very knowledgeable amateur.
- You will be cutting and splicing your steering column, therefore EPAS Performance will not be held responsible for any malpractice.
- Caution should be taken when installing the electric motor: no impacts, shocks or hammering should be done to the unit.
- For esthetic reason, you may choose to paint the assembly either in black or the color of your steering column to conserve the original look.
- EPAS Performance wishes you thousands of enjoyable miles with your new Electric Power Steering!
- For a complete understanding, **we strongly suggest reading this owner's manual prior to any installation.** Should you have any questions or concerns feel free to contact Geoff Mason at (941) 893-5427.

1. Remove tube – Remove column + box

2. Cut shaft at 10 ½" from box



3. Cut the other side of shaft at 14 ¼" (so you should have cut out 9 7/8" shaft)

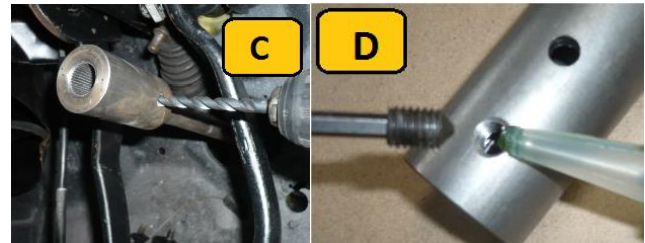


4. The tube will be cut from box side at 13" and on steering wheel side at 14 ½" (you should have cut out 6 3/8" of tube).



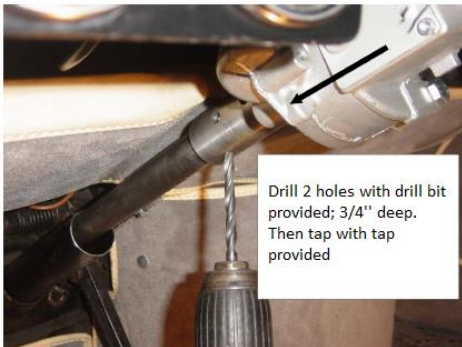
5. Now you can bench reassemble your column to make sure everything is to proper length, you can drill and tap the set screws provided. Once everything fits nicely you should weld the two couplers. The splined one will remain with the set screws.

6. You can then proceed to drilling and taping the splice sleeves. Each splice sleeve carries 4 M8x125 set screws – holes to be ¾" deep (Pictures C and D)



7. **Never drill hole from side to side. Set screws must be flush!** 

8. Once all holes are drilled, tapped and all measurements are in order the set screws will need to be Loctited in place.



9. To see and tighten several set screws you will need to drill a 1" hole through your steering column.



10. The aluminum color will also remain with the set screws and the coupler bolted to the back of the electric motor will also use set screws (you can weld once you have it in place and clocked).





11. Install the pre-wired control module on the firewall just next to the fuse block (or elsewhere), hook up the power wire for the motor (blue connector) and the connector for the torque sensor (Delco weathepack). Then hook up the small red wire to a hot in run and the #10 red wire directly to your battery or a direct power source. You can use a 60A fuse if desired.

12. Install potentiometer in an accessible location.

13. Once everything is hooked up, turn the power on, wait for the little click (relays in module) and enjoy your new Electric Power Steering.



TERMS AND CONDITIONS

Specialty Equipment Caution, Liability Limitation and Release

We are pleased you have chosen to purchase one of our automotive specialty equipment items. Our products are carefully designed to combine performance, durability and safety, and to work in concert with the vehicle's original equipment. As they are specialty products, however, and as both performance and safety are paramount concerns, we urge our customers to consider having the products professionally installed.

We caution the purchaser that the enhancement provided by the specialty equipment item may change the handling characteristics of the vehicle. We urge the purchaser to carefully familiarize him/herself with the vehicle's performance characteristics with the new equipment. This should be done in a safe environment and in a safe manner.

We have no control over the quality or correctness of equipment installations performed by others, nor can we control the uses (in manner or environment) products are subjected to. Accordingly, liability on the part of EPAS Performance LLC is limited to the terms of its Express Limited Warranty.

A decision by the purchaser to retain and install the item purchased will be deemed acceptance of the specific terms of this Liability Limitation and Release.

The purchaser expressly releases and waives any claim against us for any consequential damages or injury that may arise from the use, or any malfunction, of its product. This Liability Limitation and Release binds the original purchaser, all successors in interest, and all persons to whom the product may subsequently be transferred; and the purchaser agrees to make this limitation known to all such persons. This Liability Limitation and Release is part of the consideration for the sale of the product.

This Liability Limitation and Release is governed by the laws of the State of Florida, United States of America. Any dispute regarding its terms or application is subject to arbitration in the State of Florida at the request of either party to the sale.

WARRANTY

This warranty is limited to the repair or replacement of the defective part only; the warranty specifically excludes labor or consequential damages or injury. The decision as to whether the defective part will be repaired or replaced will rest solely with the manufacturer. The warranty period begins on the date the product is shipped to you.

Full 5-year warranty nontransferable.

This warranty is void if the product is or was improperly installed, abused in any manner. Road or accident damage is not covered.

To make a claim under this warranty, call EPAS Performance to return the defective product, shipping or postage prepaid. Please include a copy of the original purchase invoice and a note describing the circumstances of the failure or malfunction.

This warranty is governed by the laws of the State of Florida, United States of America. Any dispute regarding the coverage of this warranty, its application or terms is subject to arbitration in the State of Florida.

If the purchaser disagrees with any of the terms of this warranty, please return the purchased item within three (3) business days of receipt. A decision by the purchaser to retain and install the item purchased will be deemed acceptance of the specific terms of this warranty.

RETURN POLICY

If your shipment arrives in a damaged condition, please notify the carrier immediately.

Inspect your order carefully upon receipt. If items are missing, you must contact us within five (5) working days.

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