



# Owner's Manual

69' Chevrolet Camaro | 69'-74' Chevrolet Nova | 73'-74' Oldsmobile Omega, Apollo



## WARNING

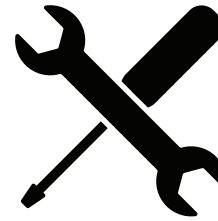


**Please read and understand this manual before installing your EPAS kit.**

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 aesthetic reason, you may choose to paint the assembly either in black or the color of your steering column to conserve the original look.

For a complete understanding, we strongly suggest to read this owner's manual prior to any installation. **Should you have any questions or concerns feel free to contact us at (941) 893-5427 or visit our website for installation videos.**

EPAS Performance wishes you thousands of enjoyable miles with your new Electric Power Steering!



### Required tools:

- Drill
- Right angle grinder, with cutting disc
- Goggles
- Measuring tape
- Steering wheel removing tool
- You will also need hand tools to remove the steering column

Remove steering column to bench.

Remove the firewall plate, rubber boot, dash mounting bracket and the ignition switch. (The firewall plate and boot will not be used.)

Measuring from the lip below the steering wheel adapter, measure downwards 17 ¾" at the seam. Make the cut ONLY metal thickness. This will release the pressure of the roller adapter inside.  
**(Image A & B)**

Using a hammer or dead blow, hammer out the lower portion and the innards of the column. Using a slide hammer, pull out the inner roller bearing. **(Image B)**

A ½" hole will need to be drilled on the backside of the column. Measuring upwards at 4 ½" at 6:00. This hole will be for access to the set screw on the motor to tighten and hold the shaft. **(Image C)**

Disassemble the upper portion of the column- pulling out the shaft.

Measuring from the NON-splined side, upwards, cut at 7 7/8". This small portion will not be used.



Reassemble the column upper portion.

With the ignition switch sitting at 12:00, 2 holes will need to be drilled  $\frac{3}{4}$ " from the end of the column at 2:00 and 6:00. Nuts (Provided) will need to be welded over the holes for staking. **(Image E)**

On the bench, install the EPAS PERFORMANCE motor to the end of the column. Install the coupler on the splined side of the motor. Install the  $\frac{3}{4}$ " DD shaft into the coupler. Tighten only the set screws on the column side.

With the universal joint provided, install on the splined end of the vehicles gear box. Install the 1" DD in the ujoint, insert only 1". Tighten set screws on gear box and the ones holding the 1" DD. Run the 1" DD through the vehicles firewall. Install the firewall plate and bearing. (provided by EPAS)

\*\*Be sure to leave the stock washer screws, bearing screws and firewall screws all loose. \*\*

Install the steering column, with motor attached. Clock the motor, making timing mark for staking.

Using the existing hole in the ignition switch (bolt hole closest to the motor) Drill a  $\frac{1}{4}$ " 20 hole through the existing hole into the coupler. This will be where your bolt will stake the column to the motor. **(Image F)**

Install the module on the bracket at the top of the firewall plate. Be sure to tighten down both bolts. **(Image G)**

A  $\frac{1}{2}$ " hole will need to be drilled about 1" from the existing OE wiring firewall hole. Install the grommet provided in the hole.

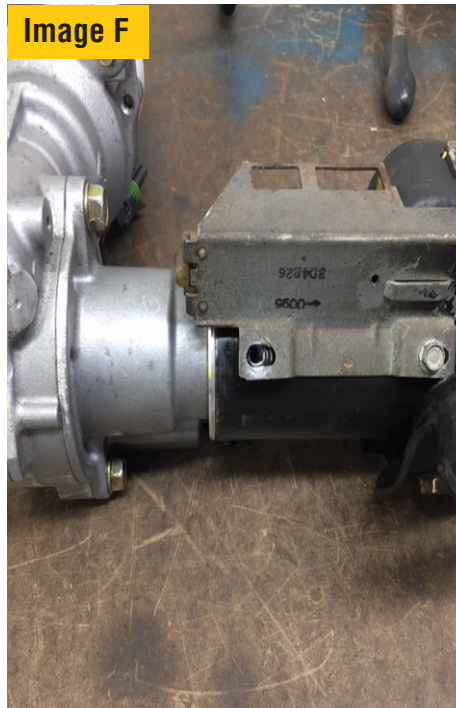
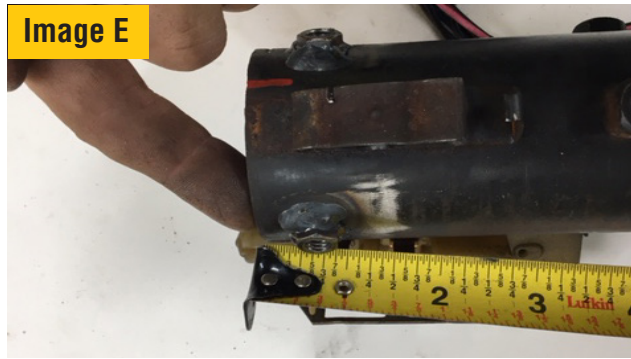


Image H



Potentiometer

The potentiometer and control module can be installed in any location that is convince for you. Install the ignition wire, connect to motor to the module, and battery hot wire to the starter solenoid. **(Image H & I)**

Install steering wheel and connect battery. Turn on the potentiometer and a small “click” will emit. You are now ready to enjoy power steering and drive with ease!

Image I



# TERMS AND CONDITIONS

## 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

1. If your shipment arrives in a damaged condition, please notify the carrier immediately.
2. Inspect your order carefully upon receipt. If items are missing, you must contact us within five (5) working days.



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**[www.EPASPerformance.com](http://www.EPASPerformance.com)**  
Visit our website for installation videos.

