



# PRESS RELEASE

**Jack Knight Developments** are proud to announce that a new Electronic Power Assisted Steering is now available for immediate installation for the classic Morgan range of cars. This is the first ever electronic steering in the history of the Morgan Motor Co, bringing new technology to a classic design.



**Jack Knight Developments** have been designing and manufacturing automotive components for over 50 years.

The ECU is fully integrated into the EPAS column Drive Unit, and control and diagnostics algorithms are implemented in the software. A torque and angle sensor is then mounted between the driver and the unit to measure the driver effort, torque, wheel position and rate of turn. Steering assist options include:

## Product Specification

### EPAS JKD38

- Max. Assist Torque 38Nm (Rack Assist Force 4500N + 500N manual input)
- Peak Output Power 800Watts
- Peak Battery Current 60Amps @13.5Volts
- Nominal Weight 5Kg
- Approx Dimensions: 280 x 230 x 140 mm

## Jack Knight Developments

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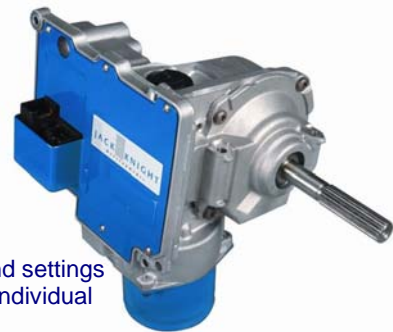
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## Electrically Power Assisted Steering designed specifically for the Morgan range of cars



Addition tunes and settings available for the individual driver

## Benefits

The EPAS system greatly improves vehicle dynamics and driveability, which include:

- Complete flexibility in steering feel configuration through software control.
- Engine independent power steering provision reducing engine losses.
- Product design underpinned by extensive validation and endurance programme.
- Change steering ratios to reduce number of wheel turns and fit a smaller steering wheel.
- Environmental benefits; No HPAS fluid servicing, no spillage and no contamination issues.
- Available in a kit for self assembly or installed
- Additional discounts available for Morgan Owners Club members

Jack Knight Developments can supply the complete steering solution, which includes the power unit, all shafts, brackets and a rack and pinion to suit your application. For more information please contact our technical sales staff.