

PRESS RELEASE

EPAS goes States Side

Jack Knight Developments are proud to announce another first. A new Electronic Power Assisted Steering was supplied and fitted to a Classic Morgan for an American customer and the first LHD car.



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

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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



5.7L V 8 Corvette powered Classic Morgan with EPAS steering

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.