



Autonomous Electric Power Steering

Pro MGU with Autonomous Control

DCE is the market leader in providing Electric Power Steering, with a range of solutions available. We can provide our Pro MGU (motor gearbox unit) with an autonomous controller for certain applications.

Ideal for small, 12V DC vehicles with no existing PAS system.

MGU is fitted anywhere in line between the steering wheel and rack input pinion.

Input shaft allows manual control as well as autonomous control.

System can provide up to 66 ft.lbs / 90Nm of steering column torque.

CAN Bus control using one of the three following options:

- Sending a simulated torque sensor signal.
- Sending a +/- duty cycle demand for direct control of the EPAS motor.
- Sending heading and gain request for the EPAS motor to steer to.



Parts required include:

- 1x EPAS100 MGU
- 1x EPAS18TIUA Autonomous ECU
- 1x EPAS19MGU Wiring Harness
- 1x PNU0097 Steering Angle Sensor



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