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Bespoke AMT, DCT, SMG transmission parts

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Product Images



ADD TO CART

E46 M3 SMG II Electric Motor (NEW), Including Service Kit



CAD \$727.65

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Upgrade your BMW E46 M3 SMG II pump with our newly reengineered pump motor! Experience the next level of performance with our custom engineered pump motor. Meticulously designed with an impressive 20% increase in performance compared to the OEM motor.

One of the features of our upgraded pump motor is the machined aluminum heat sink, integrated to keep your system running cooler for extended periods. Whether you're on the road or pushing the limits on the track, our unit ensures optimal temperature regulation at all times, eliminating any concerns about overheating.

M3	2000-2006
M3 CSL	2000-2006

Upgrade your BMW E46 M3 SMG II pump today and unleash its full potential with our reengineered pump motor. Don't settle for anything less than extraordinary performance. This unit is designed specifically for SMG duty cycle to handle high torque of 90bar (1300 PSI) pressure requirements. 90% of SMG pump failures are due to motor malfunction and system pressure loss.

The E46 M3 SMG pump motor kit includes:

- 1 High torque DC motor
- 1 Drive coupler
- 1 Free pin extractor tool
- 2 new installation screws
- 1 Sealing gasket
- 1 Grease packet
- 1 SMG temp sensor
- 1 liter CHF-11S Hydraulic fluid
- 1 SMG Salmon relay
- 1 40amp SMG
- **1 year warranty**

This product is warrantied and as part of this coverage it is mandatory that you change the salmon relay and 40amp fuse. If you have previously had a failure with the motor it is important that you change the salmon relay and 40amp fuse. Not doing so could cause erratic switching on/off times of pump and lead to damage of new components.

Related Part Numbers

- 21-53-2-282-257, 21 53 2 282 257, 21.53.2.282.257, 21532282257
- 21-53-2-282-364, 21 53 2 282 364, 21.53.2.282.364, 21532282364
- 21532229715, 21-53-2-229-715, 21 53 2 229 715, 21.53.2.229.715
- 21532282257, 21-53-2-282-257, 21 53 2 282 257, 21.53.2.282.257
- 21532282364, 21-53-2-282-364, 21 53 2 282 364, 21.53.2.282.364
- 31212634120, 31-21-2-634-120, 31 21 2 634 120, 31.21.2.634.120

DME error codes related to unit:

- 56 (0x38) Switching-on time of hydraulic unit
- 53 (0x35) low level of pressure reached HE
- 57 (0x39) Misuse of hydraulic unit
- 55 (0x37) Switching-on frequency of hydraulic unit