

## Engine Description: 2.181

### noelle motors 4,6l engine (base BMW S65 M3 V8)

#### for the following BMW models:

BMW E 90 M3 saloon

BMW E 92 M3 coupé

BMW E 93 M3 convertible

with manual and DKG gearbox

#### Modifications to standard engine / scopes of delivery

1 crankshaft

8 pistons

8 connecting rods

2 replacement front catalyts

with new CPU program

#### Technical engine dates

cylinders	8
bore	94,00 mm
stroke	83,00 mm
effective capacity	4606 ccm
compression ratio	12,0

#### Engine power

max. HP 520 HP/8300 min-1 (BMW M3 series 420 HP/8300 min-1)

max. torque 500 Nm/4200 min-1 (BMW M3 series 400 Nm/3900 min-1)

(The engine has to be factory standard)

#### Maximum speed

BMW E92 M3 320 km/h