

### Varying coding of the electronic connection of the actuator of the turbocharger

#### Introduction:

During the transition period of the change in models, the vehicle manufacturer has carried out a modification of the electronic boost pressure control of the turbocharger. The system was changed from REA (rotary electronic actuator) to SREA (simple rotary electronic actuator).

To distinguish between different versions of the turbocharger, the coding of the electronic connection to the Turbocharger as well as of the connection to the vehicle has been altered.

#### Note:

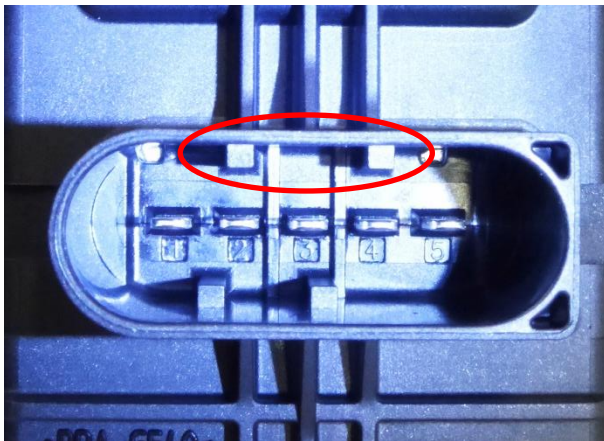
The differentiation between the turbos is not always possible by taking only the production date of the vehicle into account. Therefore it is of high importance to compare the OE part numbers of the old turbo to the unit you are looking to order. The images below will assist you in this.

#### Important:

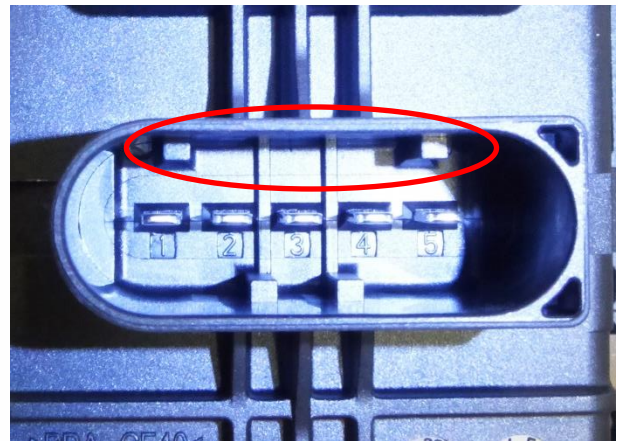
Any manipulation of the turbo or of the plug connection's coding will lead to an expiration of any warranty rights and to malfunctions of the vehicle

#### Instructions:

Before installing the turbo, please check if the plug connection to the vehicle fits – if not, it's the wrong unit. The check has to be made before filling the turbo with the initial filling oil additive.



T915577 (Image 49335-00585) REA



T916370 (Image 49335-00644) SREA

**Vehicle Manufacturer:** BMW

**Vehicle:** 320d (E90, E91, E92, E93) ; 520d (F10, F11) ; X3 20d (F25)  
weitere Fahrzeugmodelle sind davon nicht ausgeschlossen.

**Engine code:** N47 D20C

**Validity:** This service information is valid for renewing the turbocharger with

**BTS reference:** T915577 **BTS-Service-Set-Nr:** T981424

**BTS reference:** T916370 **BTS-Service-Set-Nr:** T981428

Please note: OE-references are only for means of comparison. The content of this Service Information is non-binding and is only for informational purposes. The manufacturer specifications have to be adhered to.