



SI B11 06 18
Engine

June 2018
Technical Service

TURBO BOOST ACTUATOR ROD LOOSE (DIESEL)

MODEL

| | | | |
|----------------------|-----------------------------|----------|----------------|
| F30 (3 Series Sedan) | F31 (3 Series Sports Wagon) | F15 (X5) | F02 (7 Series) |
| X3 (X3) | F10 (5 Series Sedan) | | |

With the N47T or N57T Diesel Engines

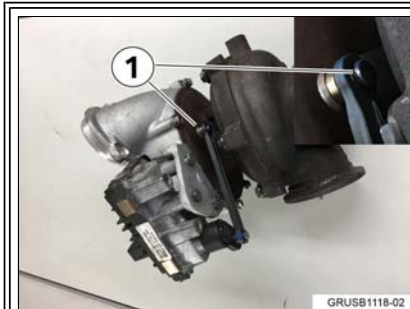
SITUATION

Limited engine performance (lack of boost) with a Malfunction Indicator Lamp (MIL) illuminated.

The following fault code is stored in the DDE:

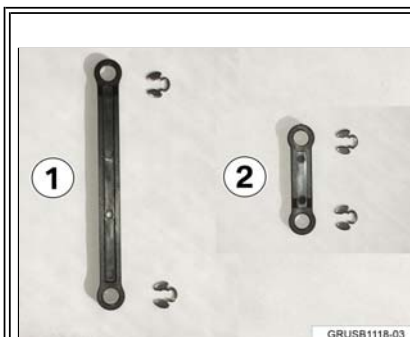
- 244C00 - Boost pressure control, control deviation: charging pressure too low/positive deviation

CAUSE




The clips that hold the boost actuator rod for the variable nozzle technology (VNT) turbo have come loose (1).

CORRECTION



A new repair kit has been introduced that includes improved clips and a new actuator rod for N57T (1) and the N47T (2).

PROCEDURE

| | |
|---|---|
|  | <p>Replace the rod (1) and clips (2) on the VNT actuator/turbo. NOTE: Turbo removed for clarity. The turbo does not need to be removed to complete repairs.</p> |
|---|---|

PARTS INFORMATION

| Part Number | Description | Quantity |
|-----------------|-----------------|----------|
| 11 65 8 596 430 | Repair kit N47T | 1 |
| 11 65 8 596 432 | Repair kit N57T | 1 |

WARRANTY INFORMATION

Covered under the terms of the BMW New Vehicle Limited Warranty for Passenger Cars and Light Trucks or the BMW Certified Pre-Owned Program.

| | | |
|-------------------------|-------------------------|--|
| Defect Code: | 1165058300 | |
| | | |
| Labor Operation: | Labor Allowance: | Description: |
| 00 00 006 | Refer to KSD2 | Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Main work) |
| Or: | | |
| 00 00 556 | Refer to KSD2 | Performing "vehicle test" (with vehicle diagnosis system – checking faults) (Plus work) |
| And: | | |
| 61 21 528 | Refer to KSD2 | Connect an approved battery charger/power supply (indicated in KSD2 as "Charging battery") |
| And: | | |
| 11 99 000 | 4 FRU | Work time to replace the actuator rod and clips for VNT |

If you are using a Main labor code for another repair, use the Plus code labor operation 00 00 556 instead of 00 00 006.

Refer to KSD2/AIR for the corresponding flat rate unit (FRU) allowances.

Work time labor operation code 11 99 000 is not considered a Main labor operation. Also, since the “work time” FRU allowance to be claimed is specified, a separate punch time is not required. However, it still requires an explanation on the repair order and in the claim comments section.

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