

WORK DESCRIPTION FOR FIELD MEASURE

Update powertrain and instrument cluster control unit software

- i** • Ensure use of **XENTRY Diagnosis version 09/2022** or higher.
- Before starting the work procedure, install the **current version of all add-ons** in **XENTRY Diagnosis**.
- Make sure to follow the operation steps exactly as described in XENTRY Diagnosis.
- Use a battery charger to ensure sufficient power supply of the vehicle **on-board electrical system battery** (greater than 12.5 V).
- If XENTRY Diagnosis is already connected to the vehicle, start with **operation step 2**.
 - i** If two or more software updates or SCN codings are performed during one workshop visit, the operation items 02-4762 and 02-5058 may only be invoiced **once for each workshop order**.

Work procedure

1. Connect XENTRY Diagnosis.
 2. Update powertrain control unit (PTCU) software.
 - i** To do this, select menu item "Quick test view – N127 powertrain control unit (PTCU) – Adaptations – Control unit update – Update of control unit software".
 - i** Then follow the user guidance in XENTRY Diagnosis.
 3. Perform commissioning in instrument cluster control unit (KI).
 - i** To do this, select menu item "Quick test view – N133/1 – Instrument cluster control unit (KI) – Adaptations – Initial startup of the already installed control unit".
 - i** Then follow the user guidance in XENTRY Diagnosis.
 4. Reinitialize ASSYST in the powertrain control unit (PTCU).
 - i** To do this, select menu item "Quick test view – N127 – Powertrain control unit (PTCU) – Special procedures – Reinitialize ASSYST".
 - i** Then follow the user guidance in XENTRY Diagnosis.
 5. Disconnect XENTRY Diagnosis.
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Operation text and flat rate

Operation no.	Operation text	Flat rate	Accounting no./ damage code
02-9334*	Update powertrain control unit software (with XENTRY Diagnosis connected)	0.1 h	54 995 20
02-9334*	Perform commissioning of instrument cluster control unit (with XENTRY Diagnosis connected)	0.1 h	54 995 20
02-9334*	Reinitialize PTCU control unit ASSYST (with XENTRY Diagnosis connected)	0.1 h	54 995 20
02-4762**	Connect/disconnect diagnostic system (XENTRY Diagnosis)	0.1 h	54 995 20
02-5058**	Connect/disconnect starter battery charger (with XENTRY Diagnosis connected)	0.1 h	54 995 20

* **Operation item 02-9334** must be repeated **x3** for the order settlement!

** Operation item may only be invoiced once for each workshop order!