

### BMW 1 Series

#### **Turbocharger Remanufacture (Mandatory) and Manifold Modification (Optional)**

This document clarifies the **mandatory turbocharger compliance requirements** and the **optional nature** of the permitted turbocharger-to-manifold modification.

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#### **Mandatory Turbocharger Requirement**

*(Applies to all competitors)*

All turbocharger units to be used in the Championship must:

- Be a **fully standard part**; and
- Have been **remanufactured, inspected, and sealed by Turbo Technics** before being accepted as compliant.

This requirement is **mandatory for all competitors**, regardless of whether any manifold modification is carried out.

No turbocharger may be used in competition unless it has completed the Turbo Technics process and is sealed as series-compliant.

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#### **Optional Manifold Modification**

*(Competitor choice)*

Competitors **may, but are not required to**, modify the turbocharger-to-manifold joint using welded flange rings and a V-band clamp, as defined in the Technical Regulations.

Where this optional modification is chosen, the process below **must** be followed.

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#### **Mandatory Order of Work (If Modification Is Chosen)**

1. The **fully standard, unmodified** turbocharger and manifold assembly must first be submitted to **Turbo Technics** for remanufacture, inspection, and sealing.
2. Only **after** the sealed turbocharger has been returned may the permitted manifold modification be carried out.
3. The modification may be completed by the competitor or their appointed third party.

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#### **Important Restrictions**

- **Turbo Technics will not carry out** the manifold modification.

- **Turbo Technics will not accept** any turbocharger or manifold assembly that has been cut, modified, or prepared for a flanged or V-band joint.
- Any turbocharger submitted after modification will be **rejected and returned unprocessed**.

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## Compliance

Fitment of any turbocharger which has not been submitted to Turbo Technics for remanufacture and sealing will render the unit **non-compliant**, regardless of manifold configuration.

The optional manifold modification is permitted solely to allow easier replacement of failed turbo units. Any replacement turbocharger fitted at any time during an event **must itself** have individually completed the mandatory Turbo Technics process.

Responsibility for compliance rests **solely with the competitor**.