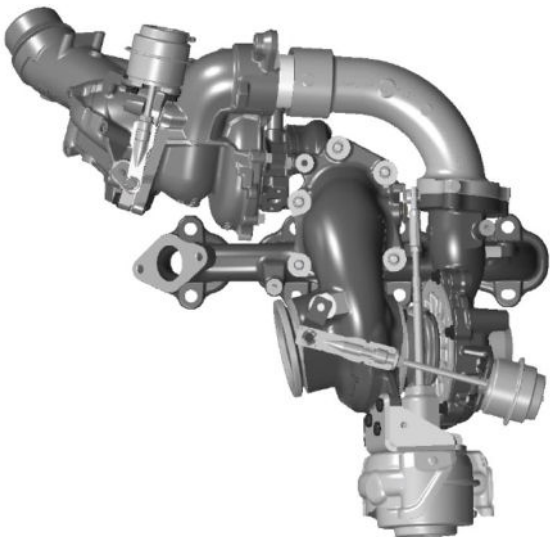


For Two Stage Series Turbos as used on Renault 2.3 litre Euro 6b engines for Master/Movano/NV400 vehicles

**IMPORTANT REPLACEMENT INFORMATION FOR HP AND LP TURBOS**

LP turbos 825758-0003 & -0004, 846015-0001,883860-0002 & -0003

HP turbos 825759-0002 & 846016-0001 & -0002



Note: Manufacturers names, models and numbers are shown in this bulletin for reference purposes only and do not imply that any part is the product of that manufacturer

Bulletin Revision Level	Date	Details of changes:
A	19/09/2019	Added new LP turbo 883860-0002 (-5002S)
B	1/6/2022	Added new HP turbo 846016-0002 (-5002S)
	1/6/2022	Added new LP turbo 883860-0003 (-5003S)

## For Renault TwoStage Series Turbos

- Turbocharger identification

HP  
Turbo

LP  
Turbo

Integrated  
exhaust manifold  
of HP turbo

Compressor  
connecting  
pipe

## For Renault TwoStage Series Turbos



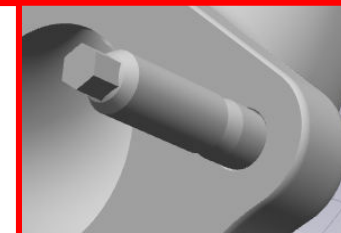
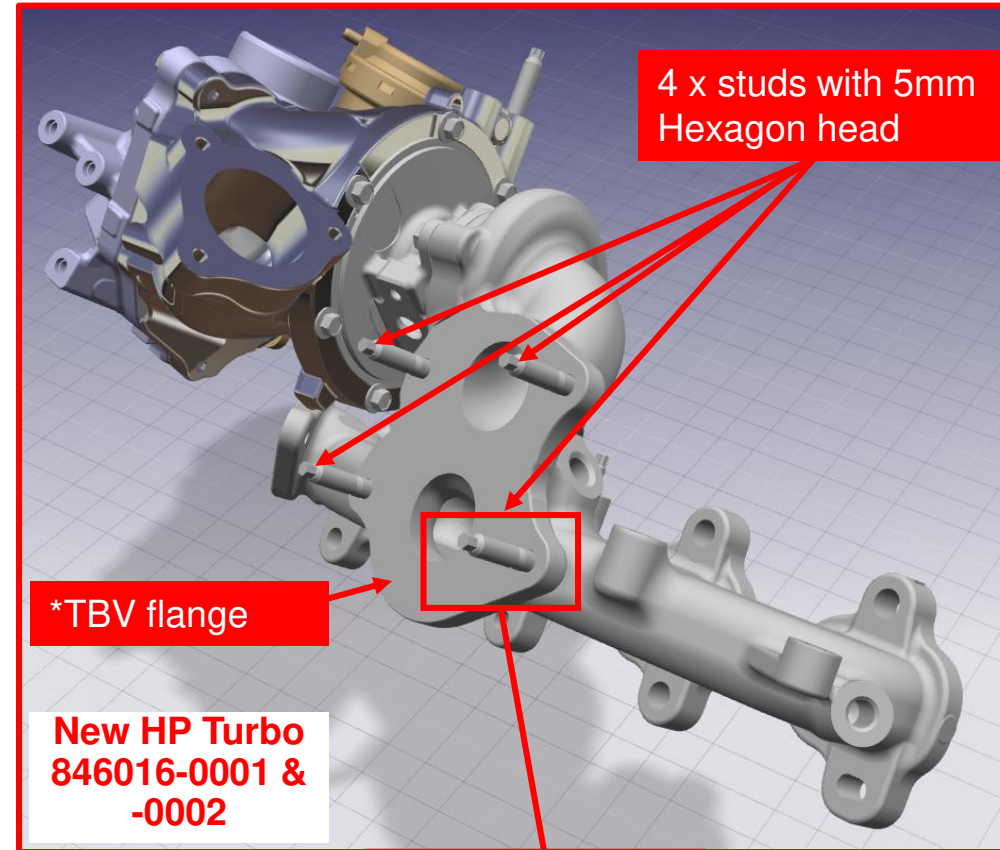
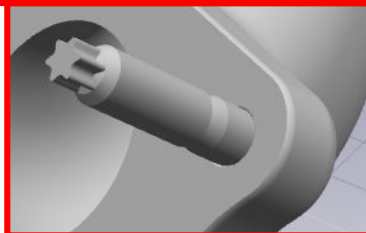
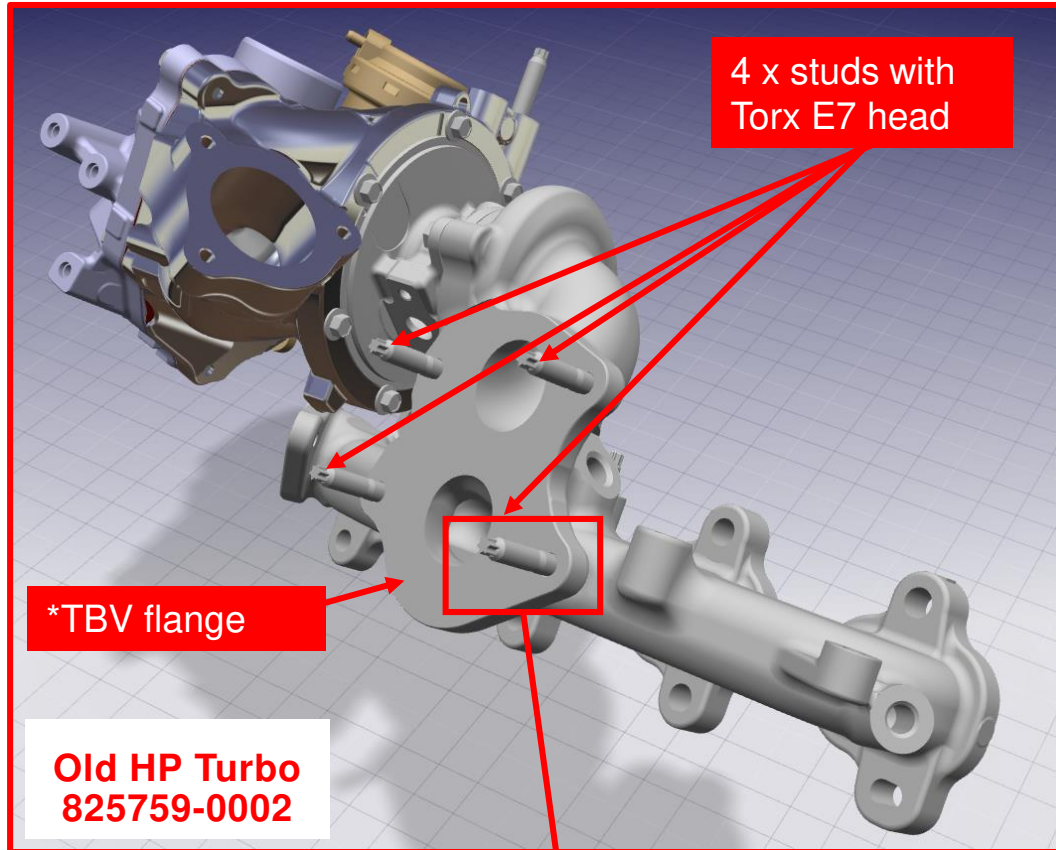
- Summary of changes
  - The material of the turbine housing of the LP turbocharger changed.
  - At the same time the connecting studs of the HP turbo changed due to the different expansion rate of the LP housing new material.

**It is vitally important to ensure that the correct HP turbo studs are used when installing a new LP turbo. Failure to do this will lead to loosening of the joint between the two turbos, with consequent exhaust gas leakage and the potential for turbo and vehicle damage and also fire.**

- A new Stud and Gasket Kit, part number 887588-0001 is available to ensure that you use the correct studs
- Page 6 shows the correct replacement procedure

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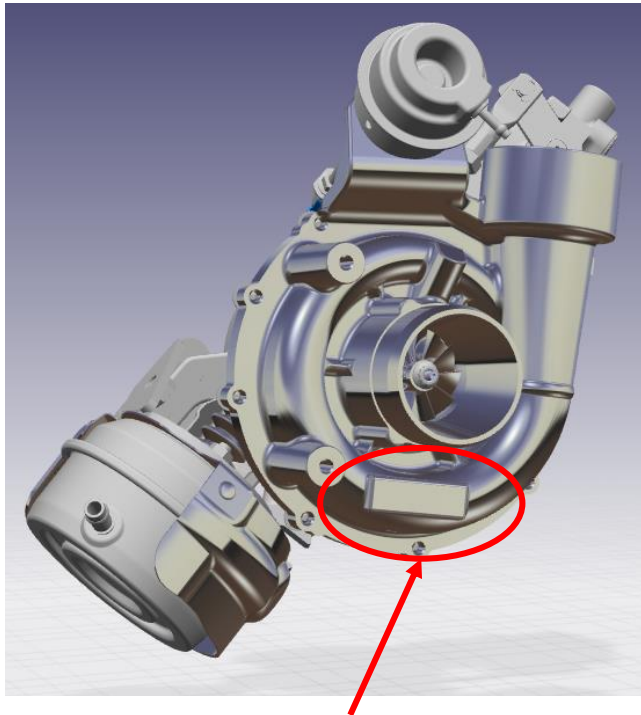
Configuration of HP Turbos with manifold:  
825759-0002 with Torx E7 studs  
846016-0001 & -0002 with Hexagon head studs



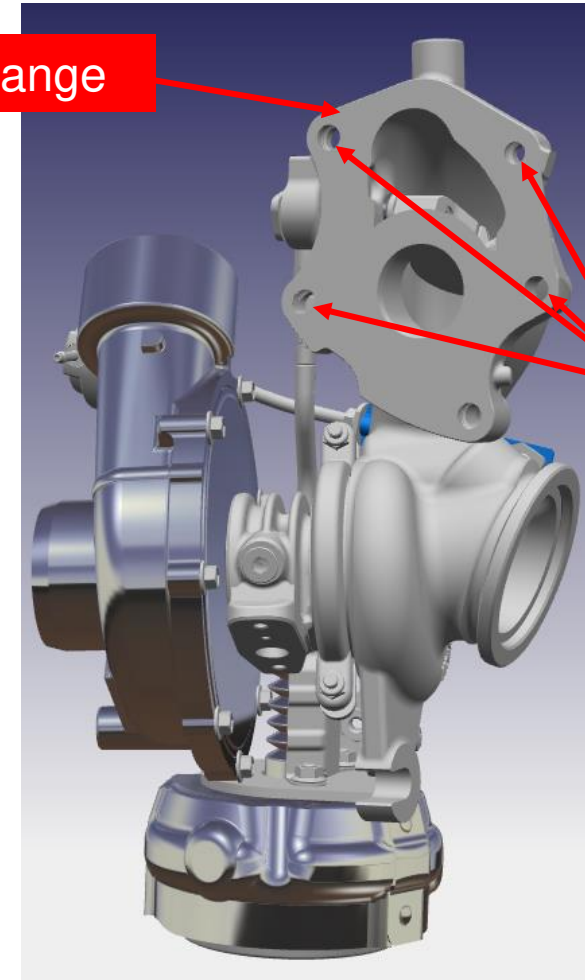
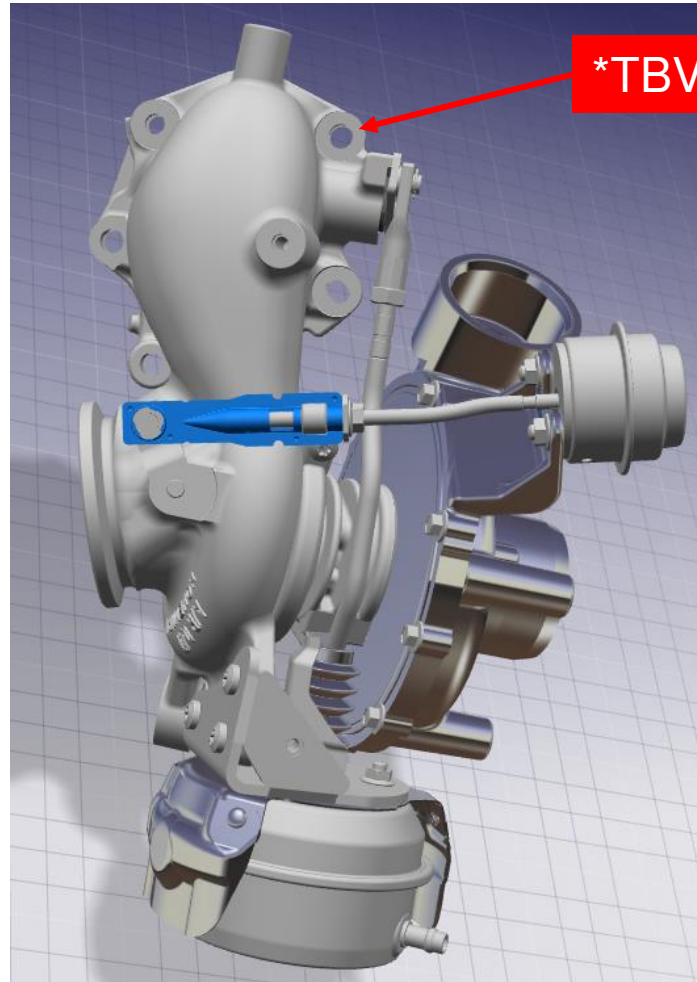
\*TBV = Turbine Bypass Valve



Configuration of LP Turbos:  
825758-0003 & -0004 with old turbine housing material  
846015-0001, 883860-0002 & -0003 all with new turbine housing material



**Note: all LP turbos look the same, so check part number from nameplate on compressor housing**



**\*TBV =  
Turbine  
Bypass  
Valve**

- **IMPORTANT REPLACEMENT INFORMATION FOR HP AND LP TURBOS**

Please read the options below to decide how you must progress:

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**A. If replacing both old LP turbo 825758-0003 (or -0004) and old HP turbo 825759-0002**

Use new LP turbo 883860-5003S, which includes a new TBV gasket

Use new HP turbo 846016-5002S, which has the correct hexagon head studs already assembled on the TBV flange.

**No change of studs – no kit needed.**

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**B. If replacing *only* the old LP turbo 825758-0003 or -0004.**

Use new LP turbo 883860-5003S which includes a new TBV gasket.

Remove the 4 x Torx headed studs in the flange of the existing HP turbo and replace them with the 4 x Hexagon head studs from the Stud and Gasket Kit before fitting the new LP turbo. Tighten studs to 12.0 – 17.0 Nm.

**Stud and Gasket Kit needed.**

---

**C. If replacing *only* the old LP turbo 846015-0001 and keeping existing HP turbo 846016-0002.**

Use new LP turbo 883860-5003S which includes a new TBV gasket. Although the HP turbo 846016-0002 is already fitted with the correct Hexagon head studs, in all cases it is better to change them for the new Hexagon head studs from the kit. Tighten studs to 12.0 – 17.0 Nm

**Stud and Gasket Kit needed.**

---

**D. If replacing *only* the old HP turbo 825759-0002 and keeping the existing LP turbo 825758-0003 (or -0004).**

Use new HP turbo 846016-5001S + Stud and Gasket Kit.

Remove the 4 x Hexagon head studs from the new HP turbo and replace them with 4 x Torx head studs from the Stud and Gasket Kit. Tighten studs to 12.0 – 17.0 Nm. Use the new TBV gasket from the kit.

**Stud and Gasket Kit needed.**

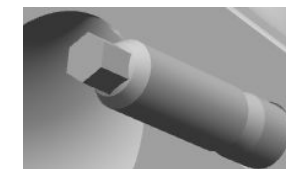
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**Note: A new Stud and Gasket Kit, part number 887588-0001 is available to purchase separately to cover cases B, C & D.**

This includes: 4 x Studs with Torx E7 head + 4 x Studs with Hexagon head 5mm across flats + 1 x TBV gasket

**Do not use non-standard or incorrect studs on these installations for safety reasons. This would also void warranty.**

**Garrett**  
ADVANCING MOTION



Different head  
shape indicates  
different material



TBV gasket

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