

# CRITICAL INSTRUCTIONS

Page 1

Application: Renault Master/Vauxhall Biturbo 2.3LD

Part Number:

825758-5003S/5004S	LP
846015-5001S	LP
846016-5001S	HP
883860-5001S	LP
825759-5002S	HP

## CAUTION

### PLEASE READ ALL THESE INSTRUCTIONS CAREFULLY BEFORE FITTING THIS TURBOCHARGER

- **Stud and gasket kit is required when fitting replacement turbochargers**

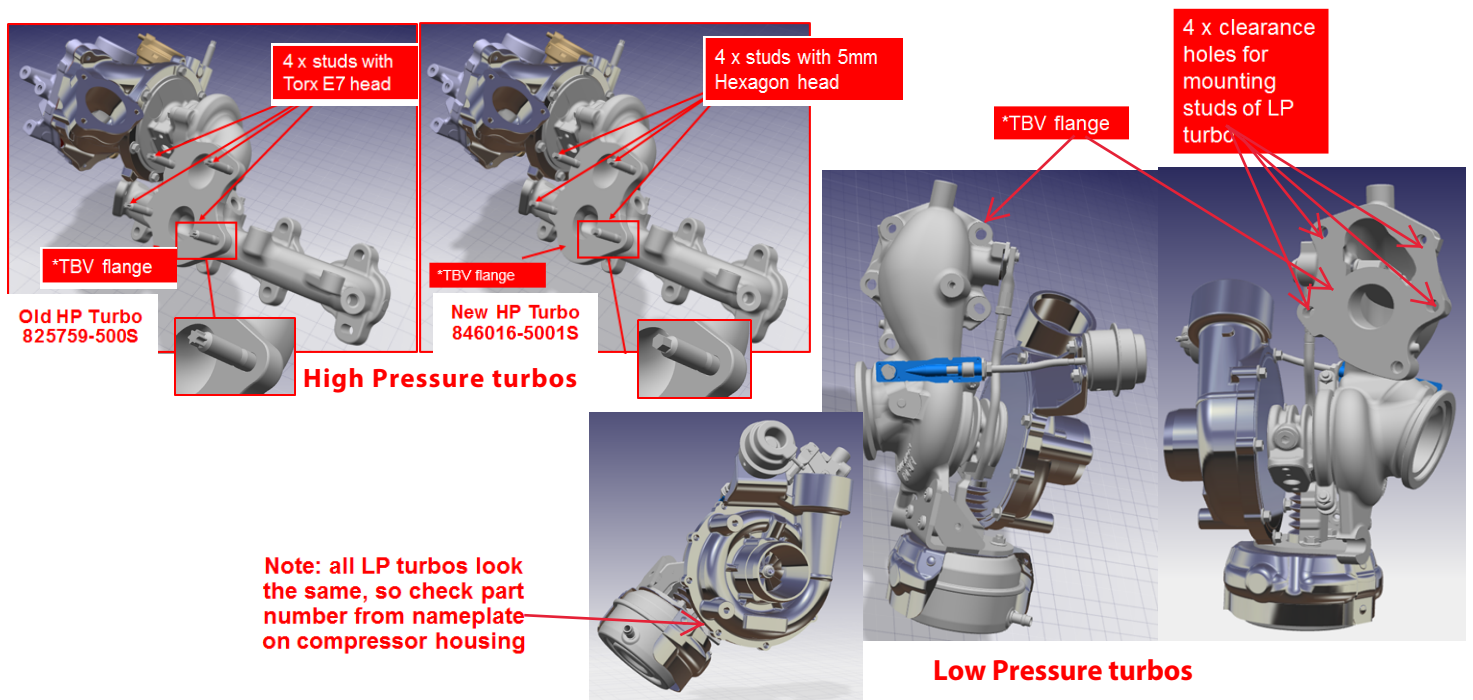
When installing the replacement High Pressure (HP) and Low Pressure (LP) turbos on the Renault TwoStage Series Turbos, it is critical that the correct studs are fitted. If the wrong combination of stud material and turbine housing is used, there is a high risk of the joint between the turbos loosening with consequent exhaust gas leakage.

During the production life of these turbos, the material used for the turbine housing of the Low Pressure turbo changed. At the same time, the material of the mounting studs fitted in the High Pressure turbo changed.

If only replacing 1 of the 2 stages then the new stud and gasket kit will need to be purchased from BTN, part number - 887588-0001

**If replacing both the Low Pressure and High Pressure turbos, part numbers 825758-5003S/5004S & 825759-5002S - no change of studs is required and no kit is required - use replacement turbos 883860-5001S for Low Pressure and 846016-5001S for High Pressure.**

**Please be aware - if non-standard/incorrect studs are used this will invalidate the warranty**



Any questions regarding the above should be directed to the supplier of this unit before commencing any work.

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# CRITICAL INSTRUCTIONS

Page 2

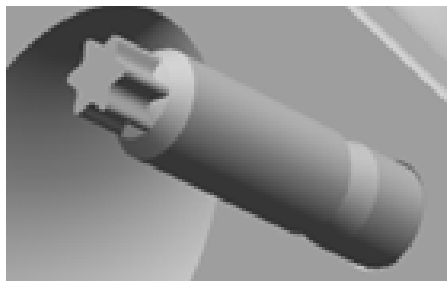
Application: **Renault Master/Vauxhall Movano 2.3LD**

Part Number:

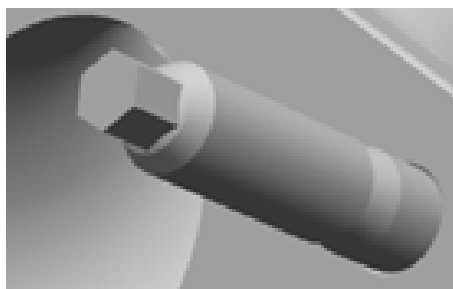
825758-5003S/5004S	LP
846015-5001S	LP
846016-5001S	HP
883860-5001S	LP
825759-5002S	HP

## PLEASE READ THIS BEFORE FITTING THE TURBOCHARGER:

- **If replacing both old LP turbo 825758-5003S (or -5004S) and old HP turbo 825759-5002S**  
Use new LP turbo 883860-5001S, which includes a new TBV gasket.  
Use new HP turbo 846016-5001S, which has the correct hexagon head studs already assembled on the TBV flange.  
**No change of studs – no kit needed**
- **If replacing only the old LP turbo 825758-5003S (or -5004S)**  
Use the x4 Torx headed studs in the flange of the existing High pressure turbo and replace them with the x4 Hexagon head studs from the kit before fitting the replacement Low pressure turbo. Tighten the studs to 12.0 - 17.0Nm  
**Stud and Gasket kit required**
- **If replacing only the old LP turbo 846015-5001S and keeping existing HP turbo 846016-5001S**  
Use new LP turbo 883860-5001S which includes a new TBV gasket. Although the HP turbo 846016-5001S 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 – 17.0Nm  
**Stud and Gasket Kit needed**
- **If replacing only the old HP turbo 825759-5002S and keeping the existing LP turbo 825758-5003S (or -5004S)**  
Use new HP turbo 846016-5001S + Stud and Gasket Kit.  
Remove the x4 Hexagon head studs from the new HP turbo and replace them with x4 Torx head studs from the Stud and Gasket Kit. Tighten studs to 12.0 – 17.0Nm  
Use the new TBV gasket from the kit.  
**Stud and Gasket Kit needed**



Different head shape indicates different material



TBV gasket

**Please be aware - if non-standard/incorrect studs are used this will invalidate the warranty**

**Any questions regarding the above should be directed to the supplier of this unit before commencing any work**

