

# Service Bulletin



## TDI 3.0L V6 Exhaust Connection Removal and Installation

### Affected Engines:

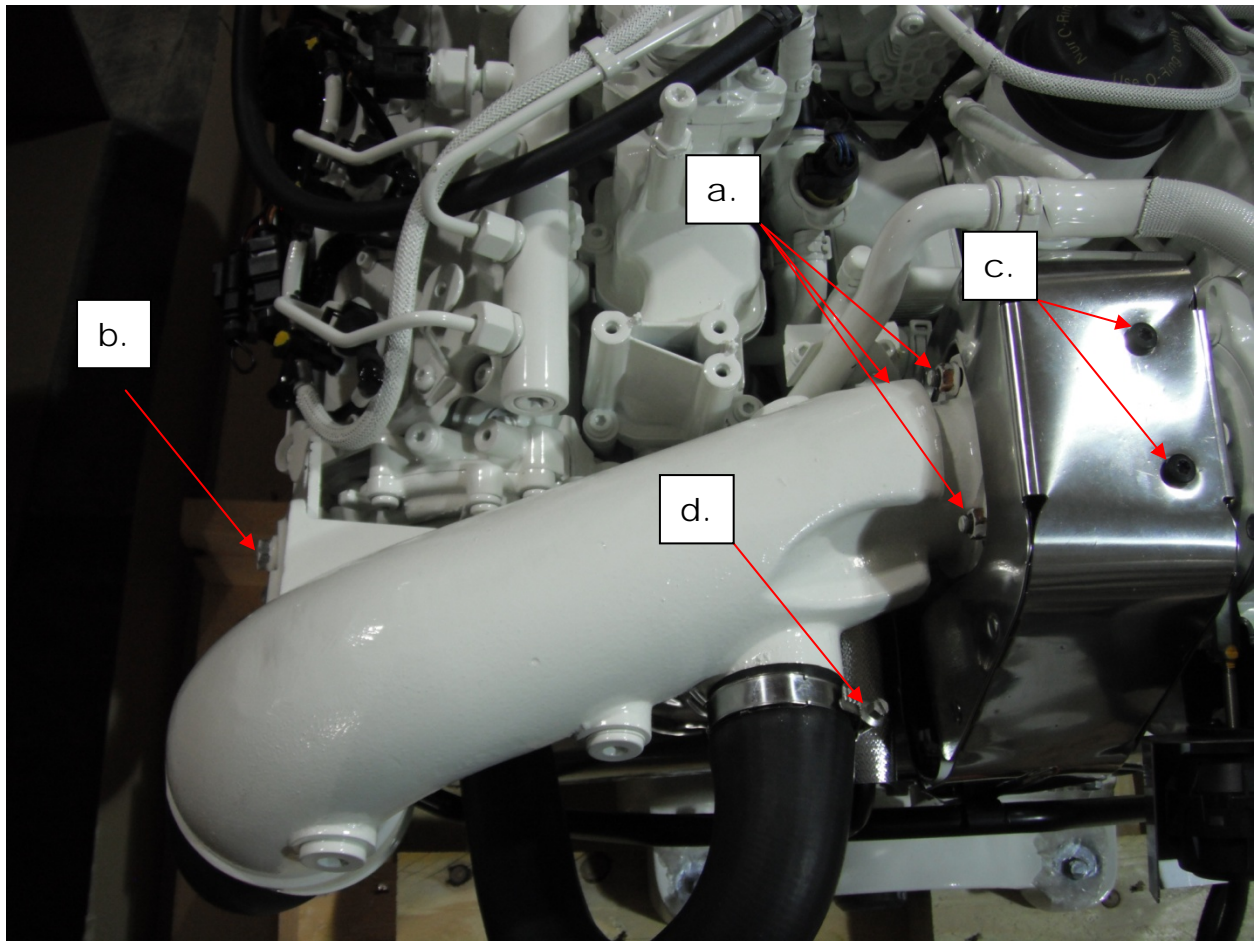
TDI 3.0L V6 engines

### Description:

When removing the exhaust connections on TDI 3.0L V6 engines, it is necessary to ensure that the mounting studs are properly threaded into the turbocharger housing before reinstallation.

### Procedure:

1. Disconnect Battery
2. Remove
  - a. Three (3) nuts at the exhaust connection to turbocharger housing flange (12 mm hex)
  - b. One (1) exhaust connection support bolt (13 mm hex)
  - c. Two (2) Turbocharger heat shield screws (T-30 Torx)
  - d. Raw water supply hose



3. If the exhaust connection to turbocharger housing flange studs are removed with the nuts, then remove the nuts from the studs. Use a soft jaw vise to hold stud while removing the nut.

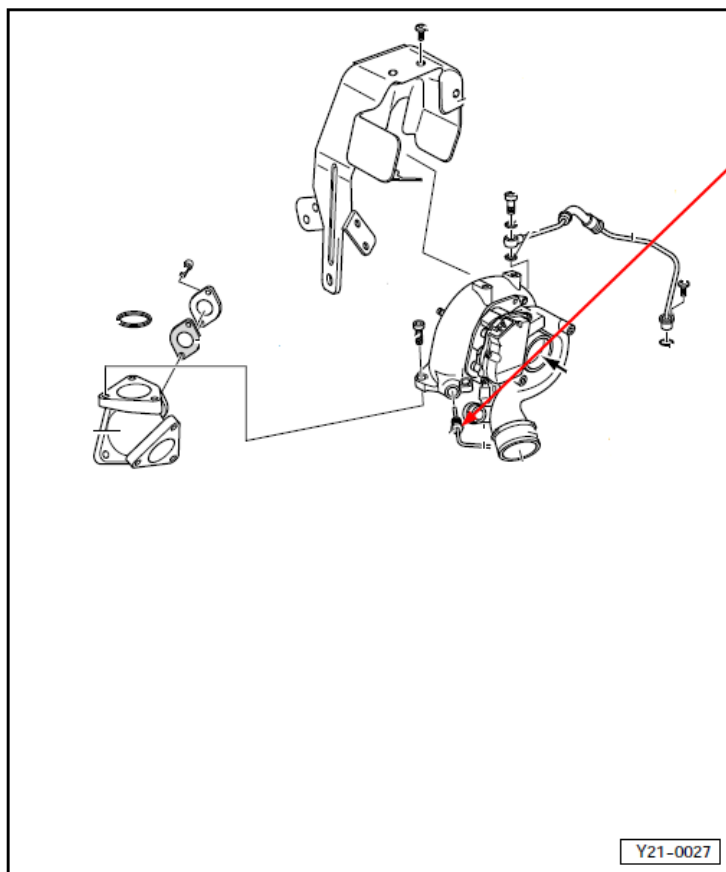


4. Reinstall any studs that were removed and check studs that were not removed. The studs are properly installed when fully installed to the shoulder. Use an appropriate stud installation tool if necessary.



5. Reinstall
- Gasket
  - Exhaust connection
  - Three (3) nuts at the exhaust connection to turbocharger housing flange. Torque to 20 Nm.
  - One (1) exhaust connection support bolt. Torque to 25 Nm
  - Two (2) Turbocharger heat shield screws. Torque to 9 Nm
  - Raw water supply hose

6. Check torque on the exhaust gas temperature sensor. Torque to 45 Nm.



- Exhaust gas temperature sender 1 (G235), 45 Nm  
◆ Check ⇒ Page 23-90

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7. Reconnect Battery

## Warranty:

This bulletin has no affect on warranty coverage.