


# Fuel Charging and Controls - Turbocharger - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma - Turbocharger

Removal and Installation

## Removal

1.  **WARNING:** Do not work on or under a vehicle supported only by a jack. Always support the vehicle on safety stands.

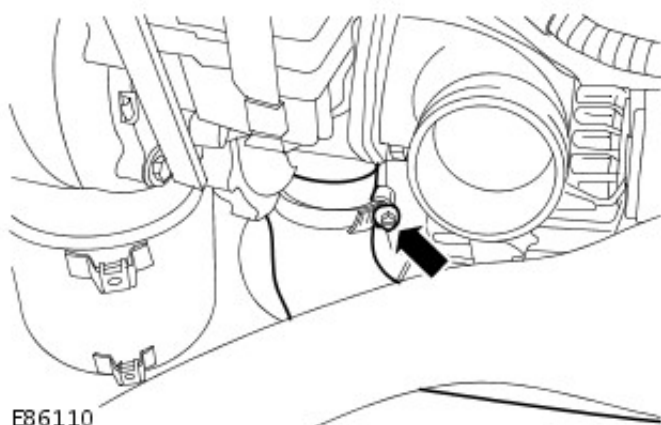
Raise and support the vehicle.

For additional information, refer to: [Lifting](#) (100-02 Jacking and Lifting, Description and Operation).

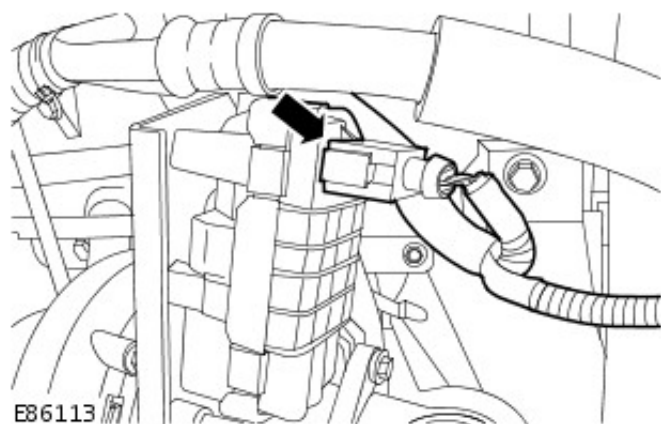
2. Remove the air cleaner outlet pipe.  
For additional information, refer to: [Air Cleaner Outlet Pipe](#) (303-12 Intake Air Distribution and Filtering - 2.4L Duratorq-TDCi HPCR (103kW/140PS) - Puma, Removal and Installation).

3. Disconnect the charge air cooler inlet hose.

- Release the clip.

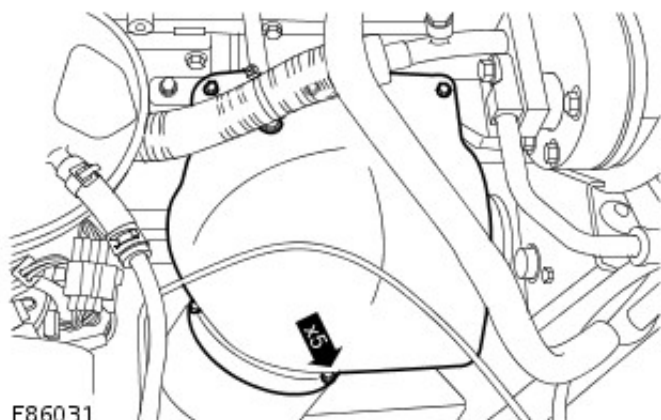


4. Disconnect the turbocharger electrical connector.



5. Remove the turbocharger heat shield.

- Remove the 5 bolts.



6. Remove and discard the 4 nuts from the catalytic