


## Generator (86.10.02)

### Removal

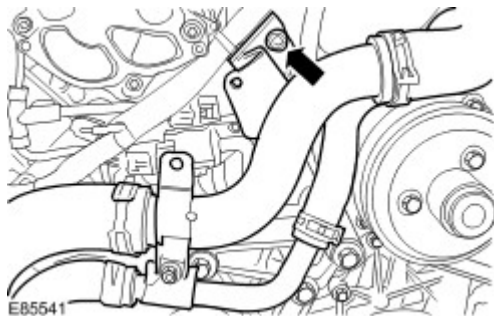
- 1 . Disconnect the battery ground cable.  
For additional information, refer to [Specifications](#)

- 2 .  **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.

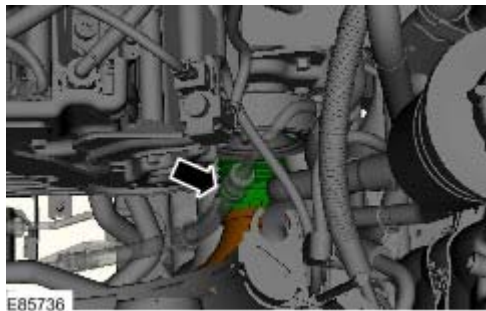
- 3 . Remove the air cleaner.  
For additional information, refer to [Air Cleaner \(19.10.01\)](#)
- 4 . Remove the auxiliary drive belt.  
For additional information, refer to [Accessory Drive Belt \(86.10.03\)](#)
- 5 . Release the coolant hose bracket.

 Remove the nut.




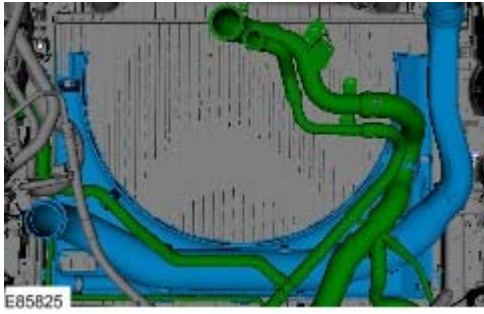
- 6 . Release the LH turbocharger intake tube.

 Loosen the clip.

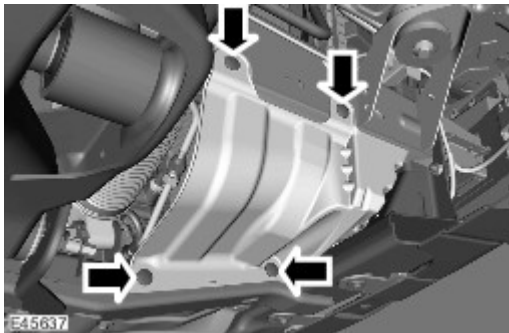


- 7 . Remove the cooling fan shroud.

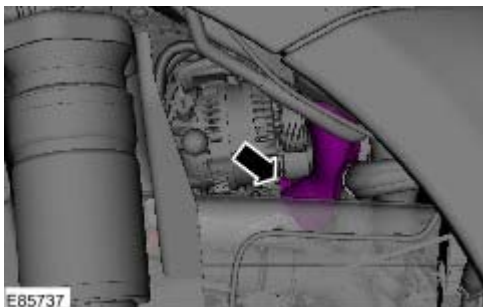
 Release the coolant pipes and hoses from the cooling fan lower shroud.



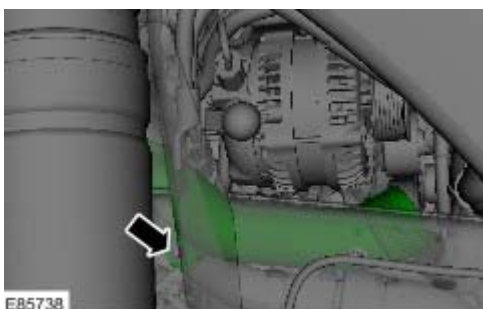
- 8 . Remove the RH front wheel and tire.
- 9 . Remove the front RH fender splash shield.  
For additional information, refer to [Fender Splash Shield \(76.10.48\)](#)
- 10 . Remove the front RH splash shield.  
▶ Remove the 4 clips.



- 11 . Remove the RH mass air flow (MAF) outlet pipe and connecting tube.  
▶ Loosen the clip.

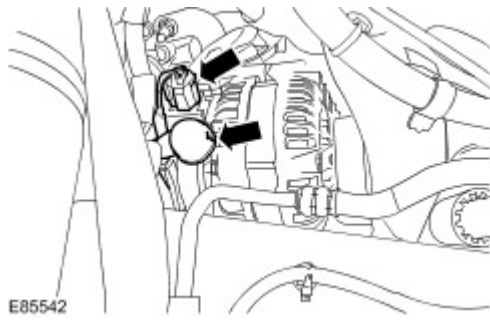


- 12 . Release the RH turbocharger intake tube.  
▶ Remove the nut.



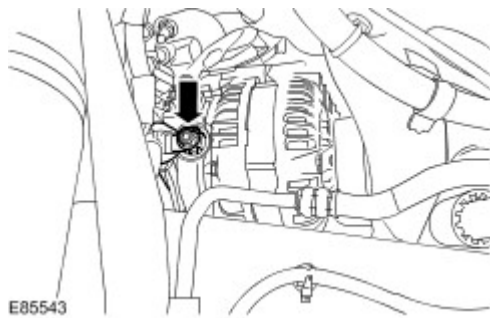
13 . Disconnect the generator electrical connector.

▶ Reposition the rubber insulator.



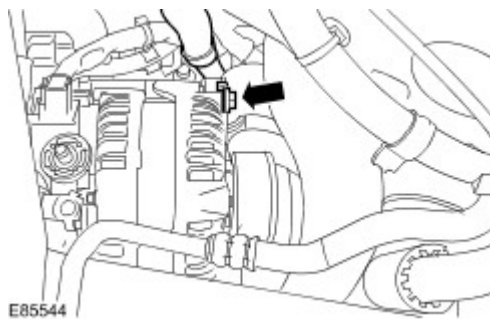
14 . Disconnect the battery positive cable from the generator.

▶ Remove the nut.



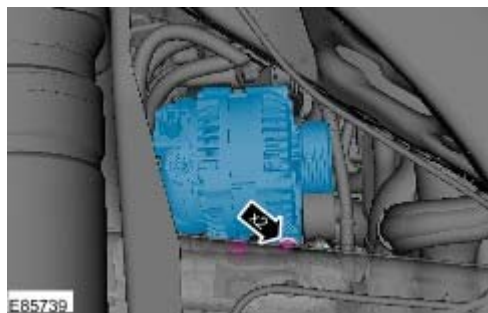
15 . Release the ground cable from the generator.

▶ Remove the bolt.



16 . Remove the generator.

▶ Remove the 2 bolts.



## Installation

- 1 . Install the generator.
- 2 . Secure the generator and connect the ground cable.
  - 1) Tighten the upper bolt to 47 Nm (37 lb.ft).
  - 2) Tighten the lower front bolt to 47 Nm (37 lb.ft).
  - 3) Tighten the lower rear bolt to 47 Nm (37 lb.ft).
- 3 . Connect the generator electrical connector.
- 4 . Connect the battery positive cable to the generator.
  - ▶ Tighten the nut 12 Nm (9 lb.ft).
  - ▶ Reposition the rubber insulator.
- 5 . Secure the RH turbocharger intake tube.
  - ▶ Tighten the nut to 10 Nm (7 lb.ft).
- 6 . Install the RH MAF outlet pipe and connecting tube.
  - ▶ Tighten the clip.
- 7 . Remove the front RH fender splash shield.  
For additional information, refer to [Fender Splash Shield \(76.10.48\)](#)
- 8 . Install the front RH splash shield.
  - ▶ Install the clips.
- 9 . Install the RH front wheel and tire.
- 10 . Install the cooling fan shroud.
  - ▶ Secure the coolant pipes and hoses to the cooling fan shroud.
- 11 . Secure the LH turbocharger intake tube.
  - ▶ Tighten the clip.
- 12 . Secure the coolant hose bracket.
  - ▶ Tighten the nut 10 Nm (7 lb.ft).
- 13 . Install the auxiliary drive belt.  
For additional information, refer to [Accessory Drive Belt \(86.10.03\)](#)
- 14 . Install the air cleaner.  
For additional information, refer to [Air Cleaner \(19.10.01\)](#)
- 15 . Connect the battery ground cable.  
For additional information, refer to [Specifications](#)