

## Generator - 2.3L EcoBoost (201kW/273PS)

Base Part Number: 10300

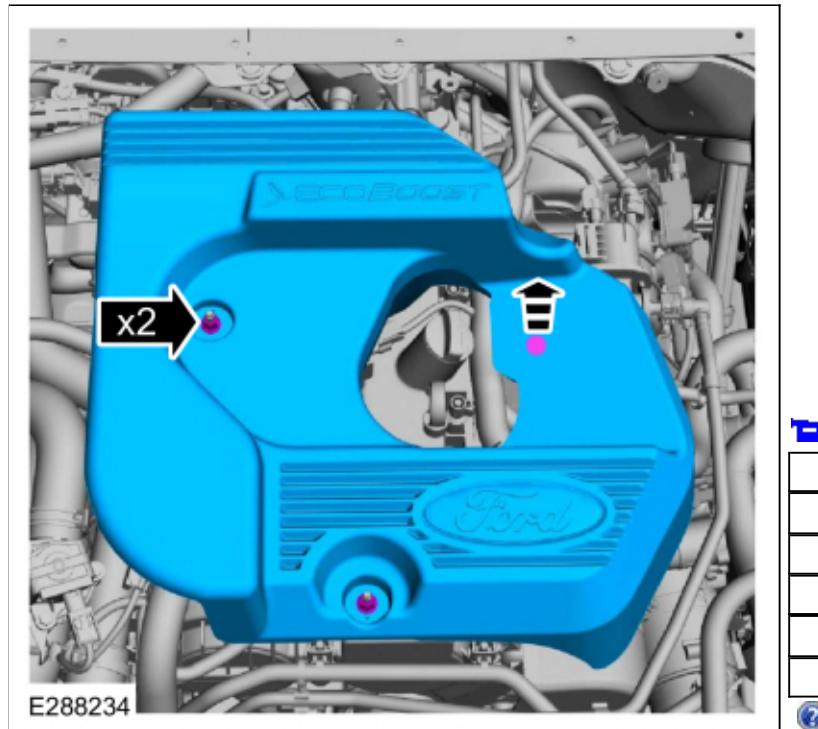
## Removal

**NOTE:** Removal steps in this procedure may contain installation details.

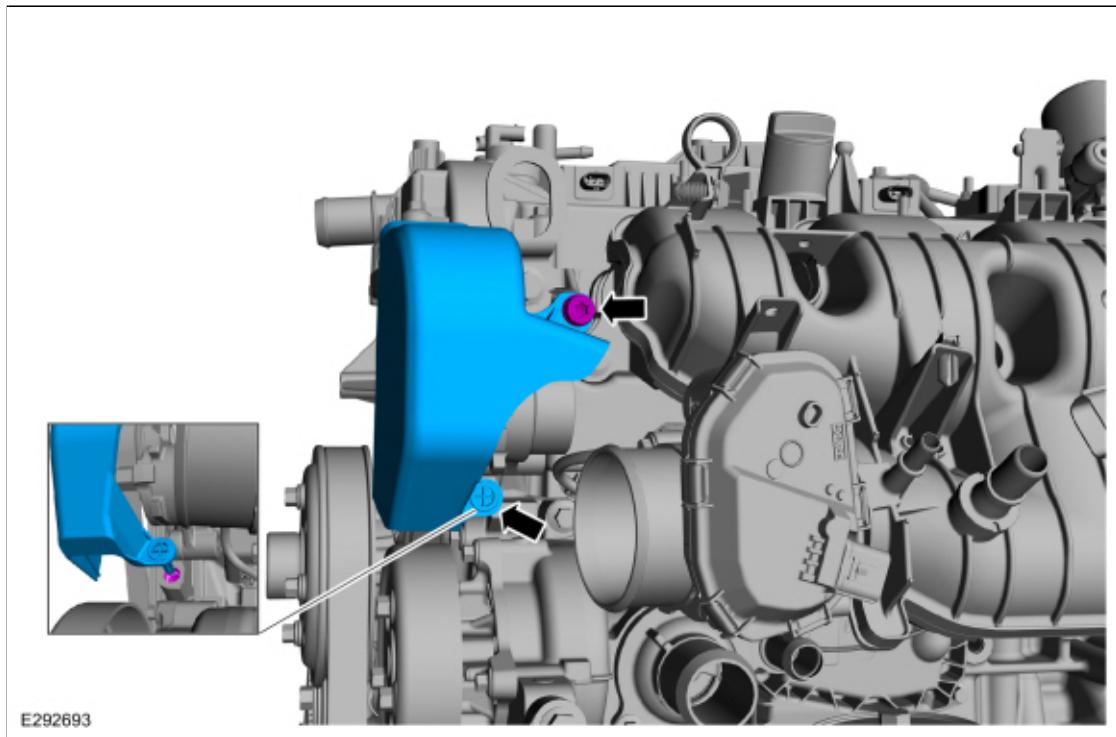
1. With the vehicle in NEUTRAL, position it on a hoist.  
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
2. Disconnect the negative battery cable from the battery.  
Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
3. **NOTICE: Do not pull the engine appearance cover forward or sideways to remove. Failure to pull straight upward on the underside of the cover at the attachment points may result in damage to the cover or engine components.**

Remove the nuts and the engine appearance cover.

Torque: 89 lb.in (10 Nm)

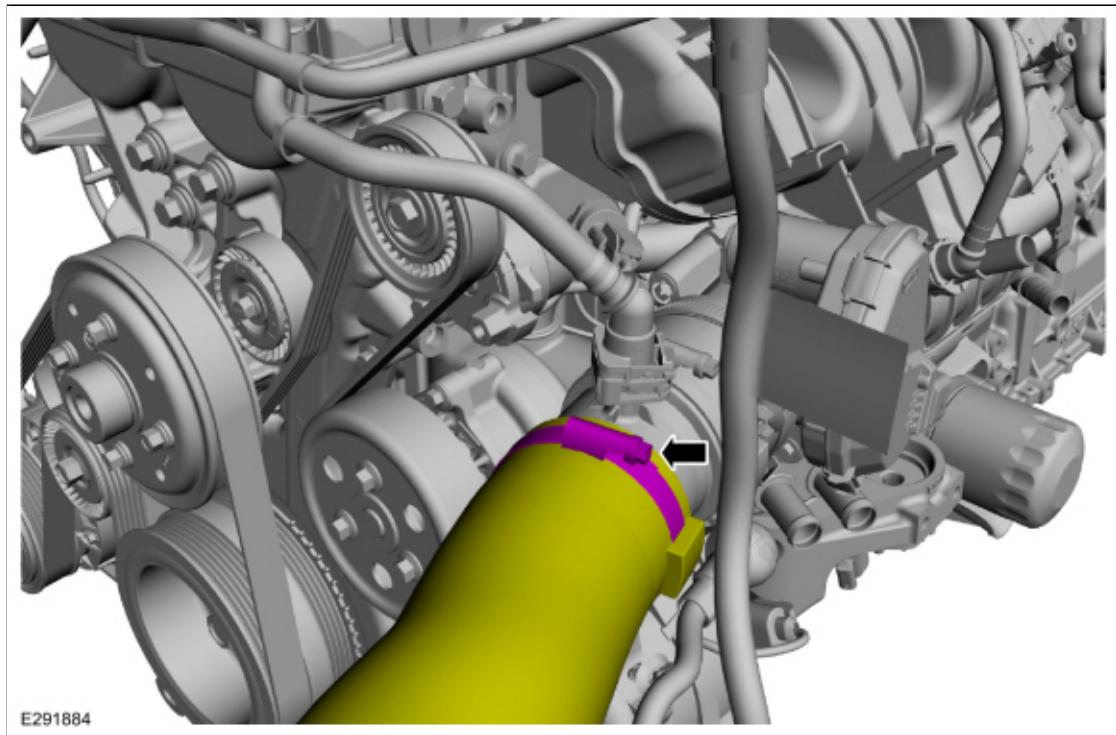


4. Remove the bolt and the accessory drive belt cover.  
Torque: 18 lb.ft (25 Nm)



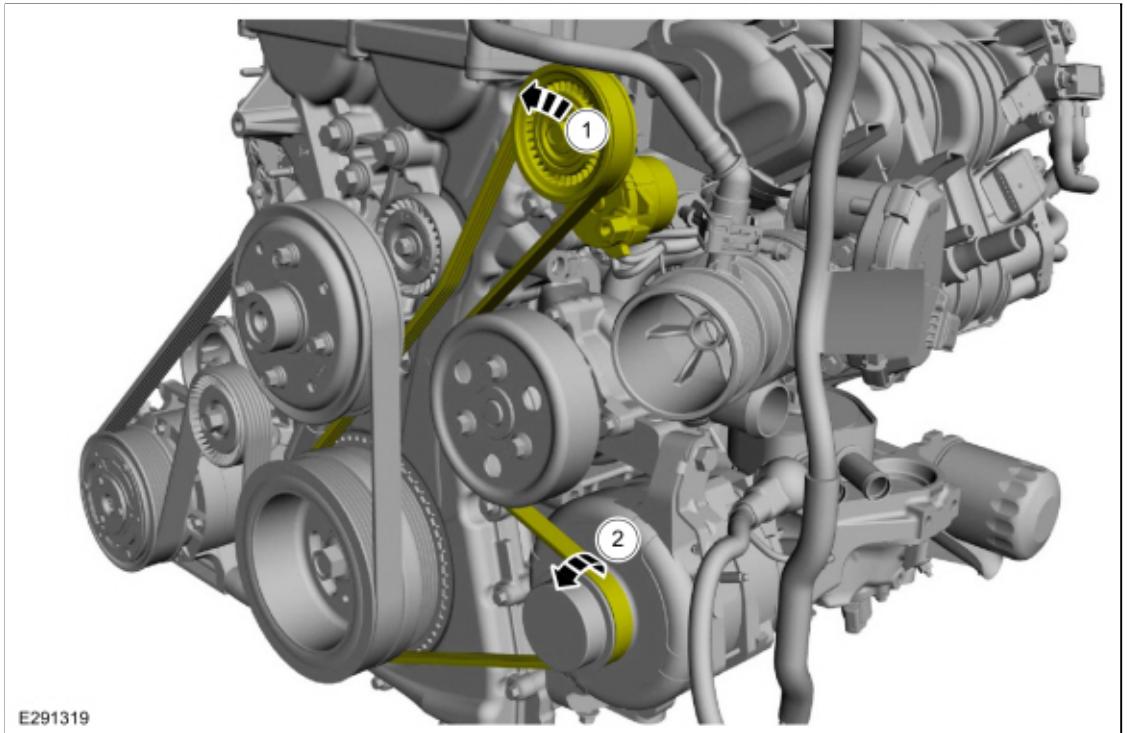
5. **NOTICE:** The turbocharger compressor vanes can be damaged by even the smallest particles. When removing any turbocharger or engine air intake system component, ensure that no debris enters the system. Failure to do so may result in damage to the turbocharger.

Loosen the clamp and position the CAC tube aside.  
Torque: 48 lb.in (5.4 Nm)



6. **NOTICE: After installation, make sure the accessory drive belt is correctly seated on all the pulleys, if the belt is not properly seated on all of the pulleys component damage will occur.**

1. Rotate the accessory drive belt tensioner counterclockwise.
2. Position the accessory drive belt aside.

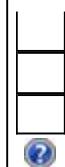
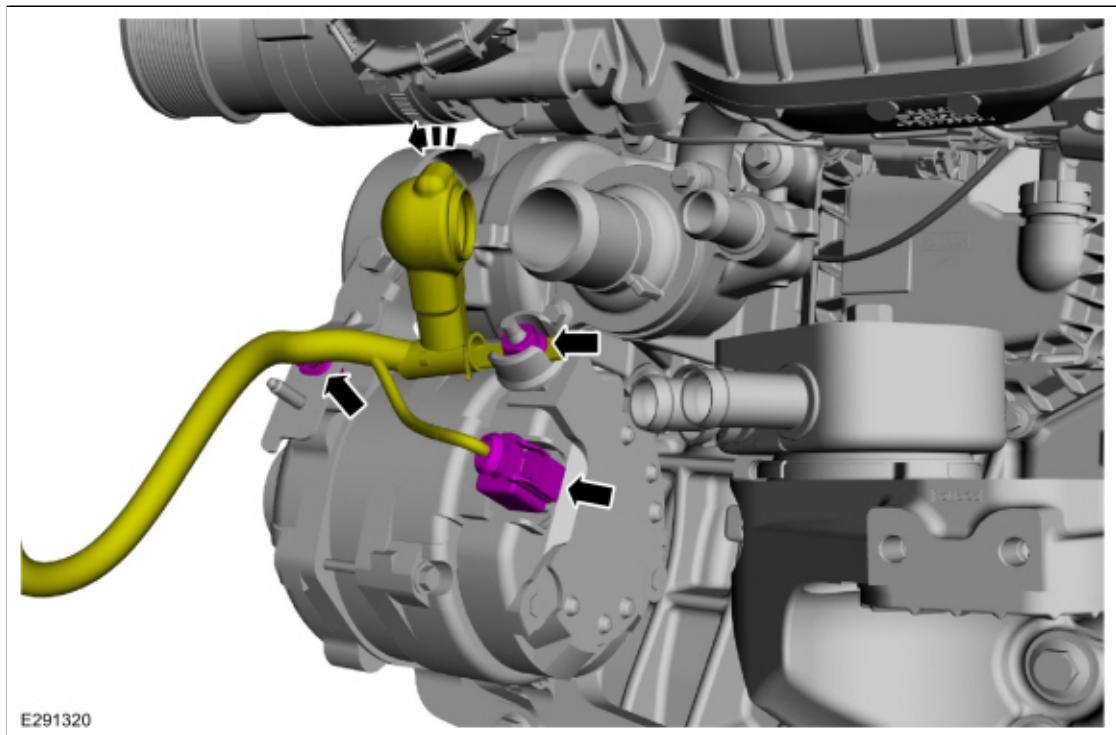


7. **NOTICE: When installing the B+ terminal nut to the generator, finger-start the nut before tightening or component damage may occur.**

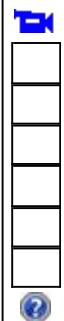
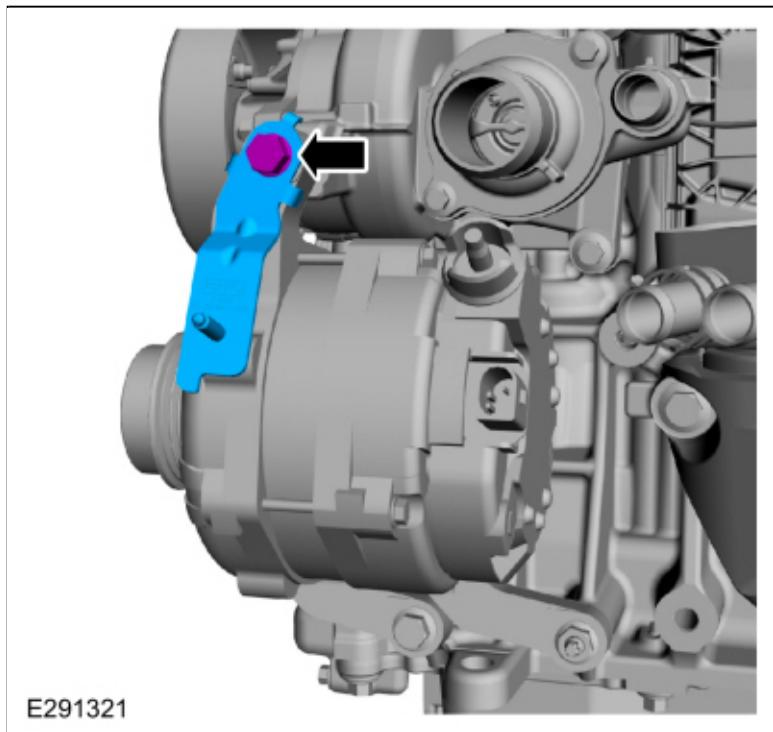
Disconnect the generator electrical connector and detach the wire harness retainer from the bracket. Position the B+ wire protective cover, remove the nut and position the B+ wire aside.

*Torque: 133 lb.in (15 Nm)*



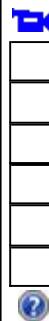
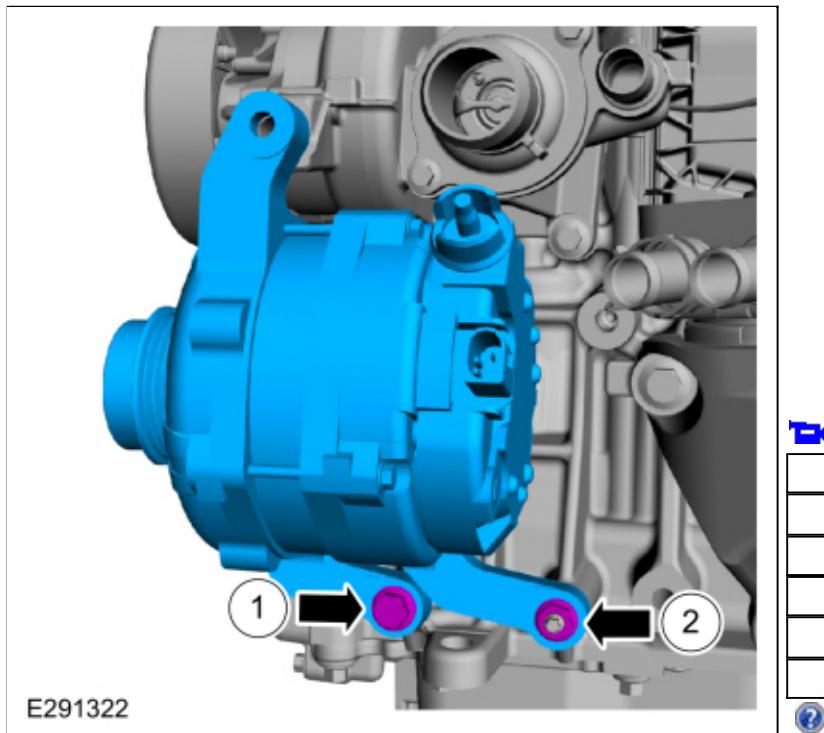


8. Remove the upper generator bolt and bracket.  
*Torque: 18 lb.ft (25 Nm)*



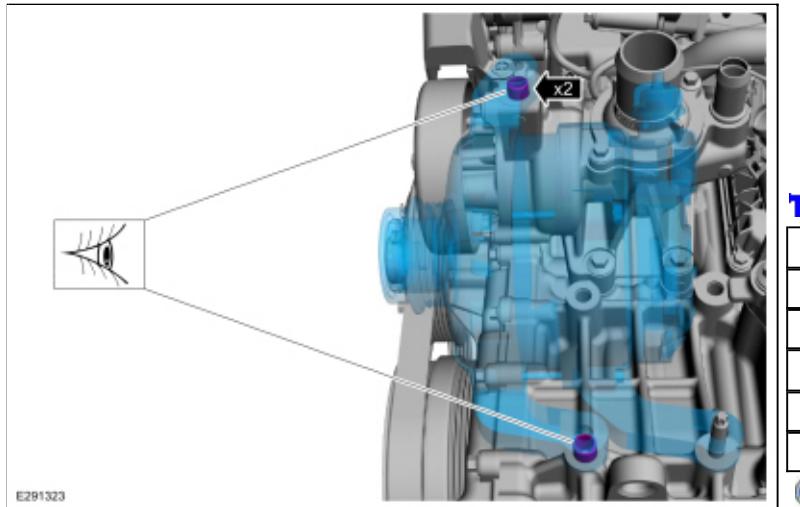
- 9.
1. Remove the lower generator bolt.  
*Torque: 18 lb.ft (25 Nm)*
  2. Remove the nut and the generator.

**Torque:** 18 lb.ft (25 Nm)



## Installation

1. To install, reverse the removal procedure.
2. Position the generator on the dowel pins. Do not fully tighten the generator fasteners until all of the fasteners are installed finger-tight.



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