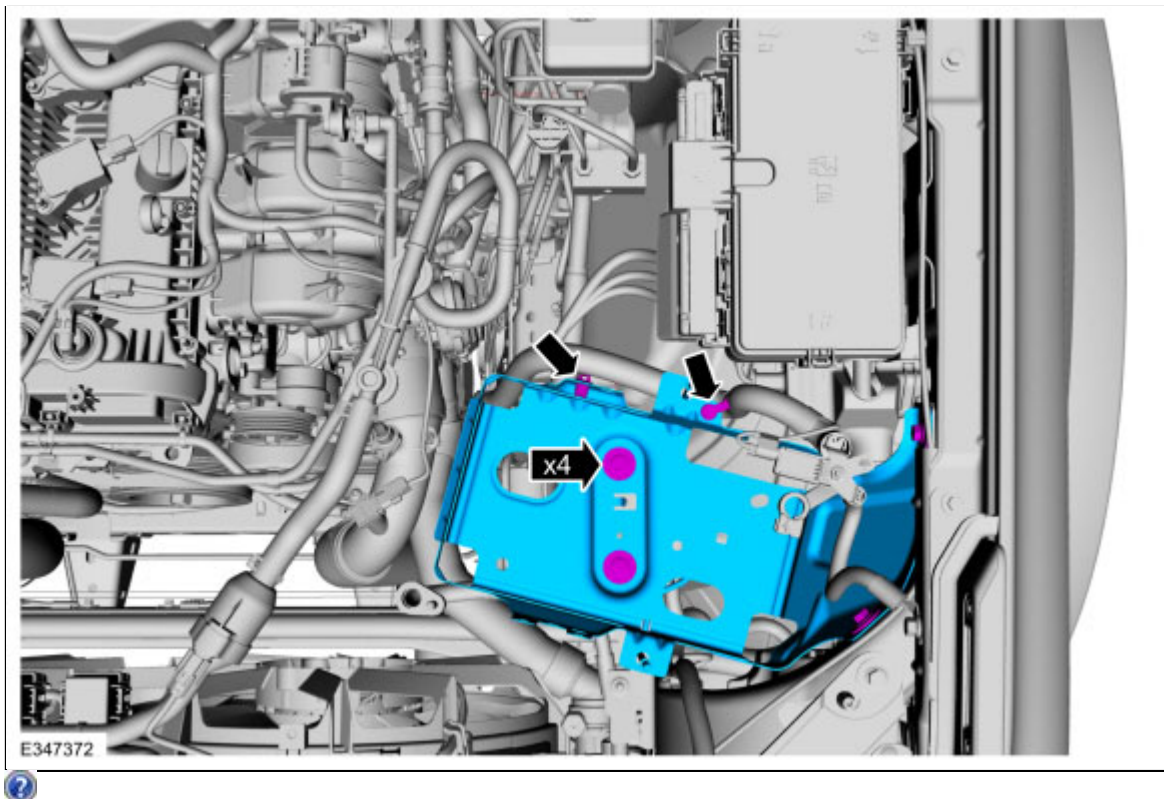


Generator - 2.3L EcoBoost (199kW/270PS)**Removal**

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. Remove the battery.
Refer to: [Battery](#) (414-01 Battery, Mounting and Cables, Removal and Installation).
3. Separate the wiring guides, remove the bolts and the battery tray.



4. **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.

Remove the CAC outlet pipe.

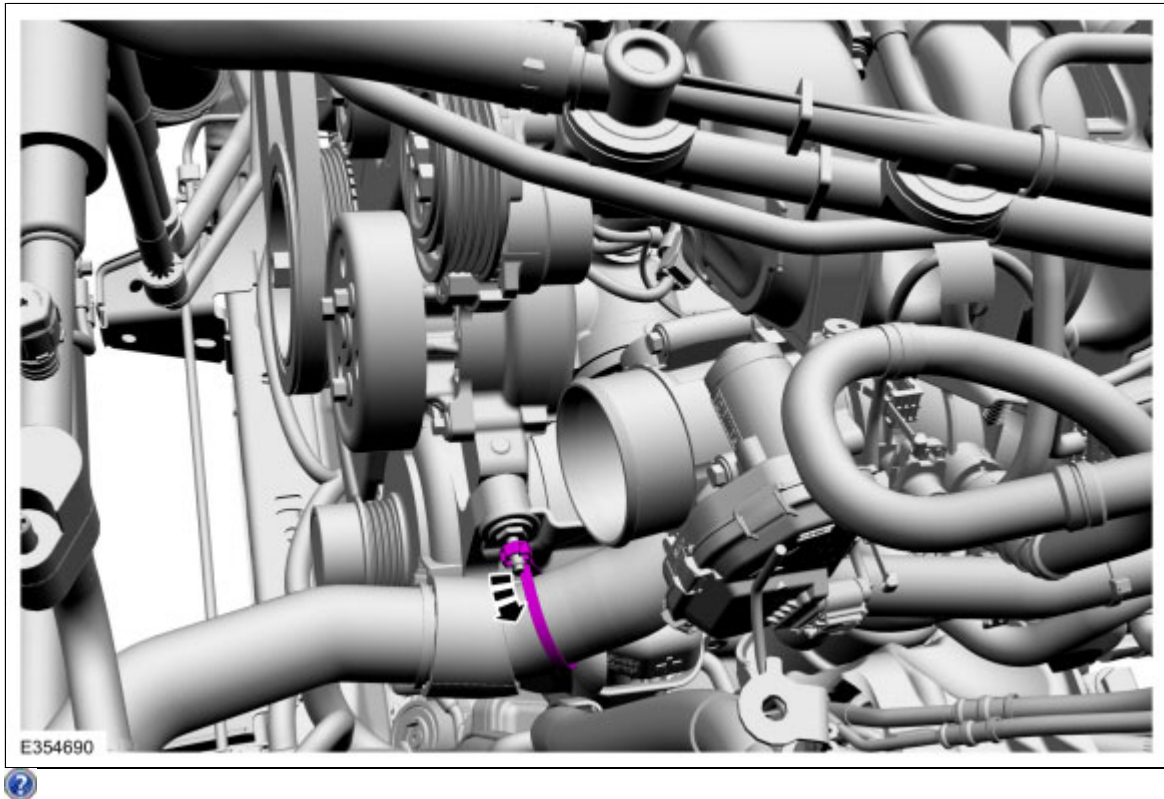
Refer to: [Charge Air Cooler \(CAC\) Outlet Pipe](#) (303-12A Intake Air Distribution and Filtering - 2.3L EcoBoost (199kW/270PS), Removal and Installation).

5. **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.

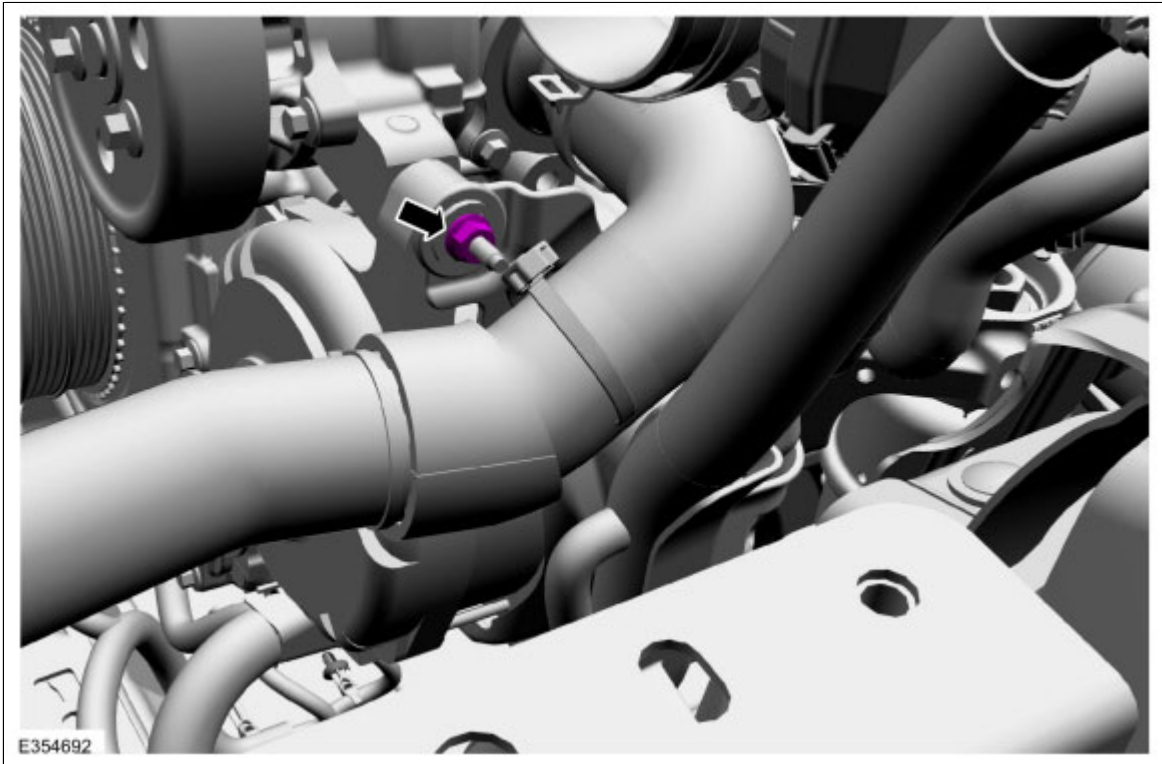
Remove the the accessory drive belt.

Refer to: [Accessory Drive Belt](#) (303-05A Accessory Drive - 2.3L EcoBoost (199kW/270PS), Removal and Installation).

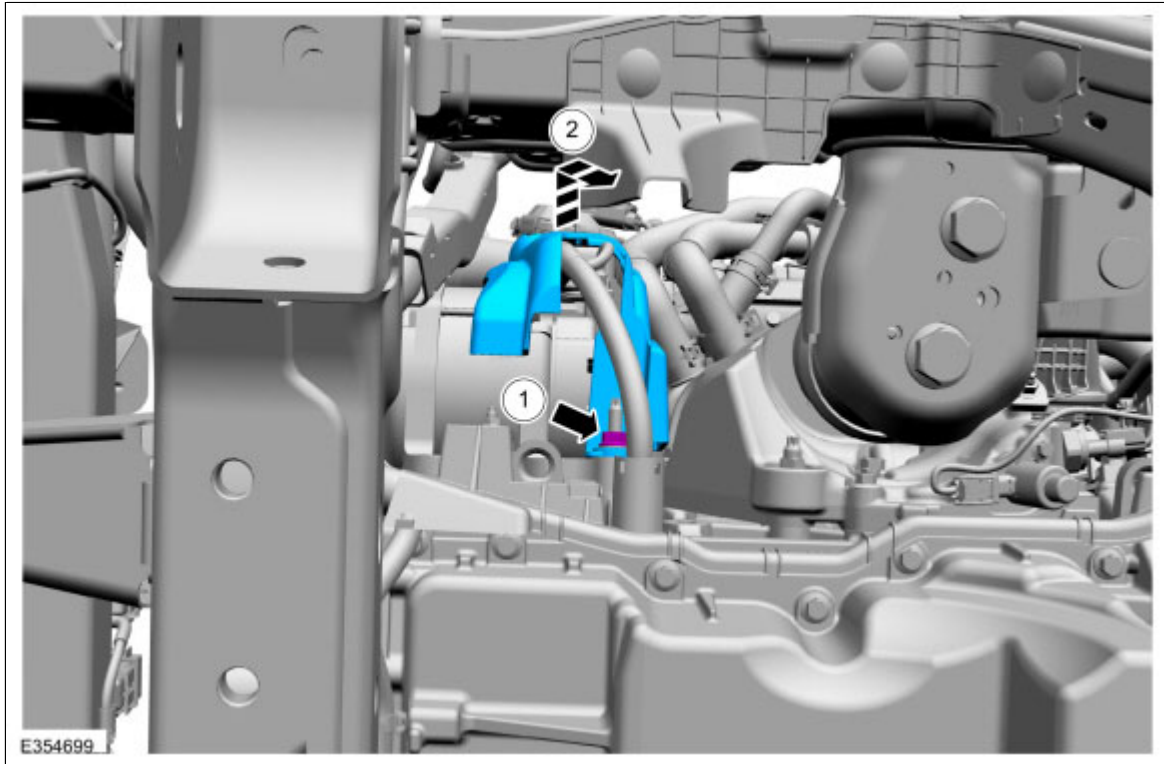
6. Remove the engine front undershield.
Refer to: [Engine Front Undershield](#) (501-02 Front End Body Panels, Removal and Installation).
7. Remove the engine rear undershield.
Refer to: [Engine Rear Undershield](#) (501-02 Front End Body Panels, Removal and Installation).
8. Remove the coolant hose tie from the generator upper bolt and position aside.



9. Remove the upper generator shield nut.
Torque : 18 lb.ft (25 Nm)



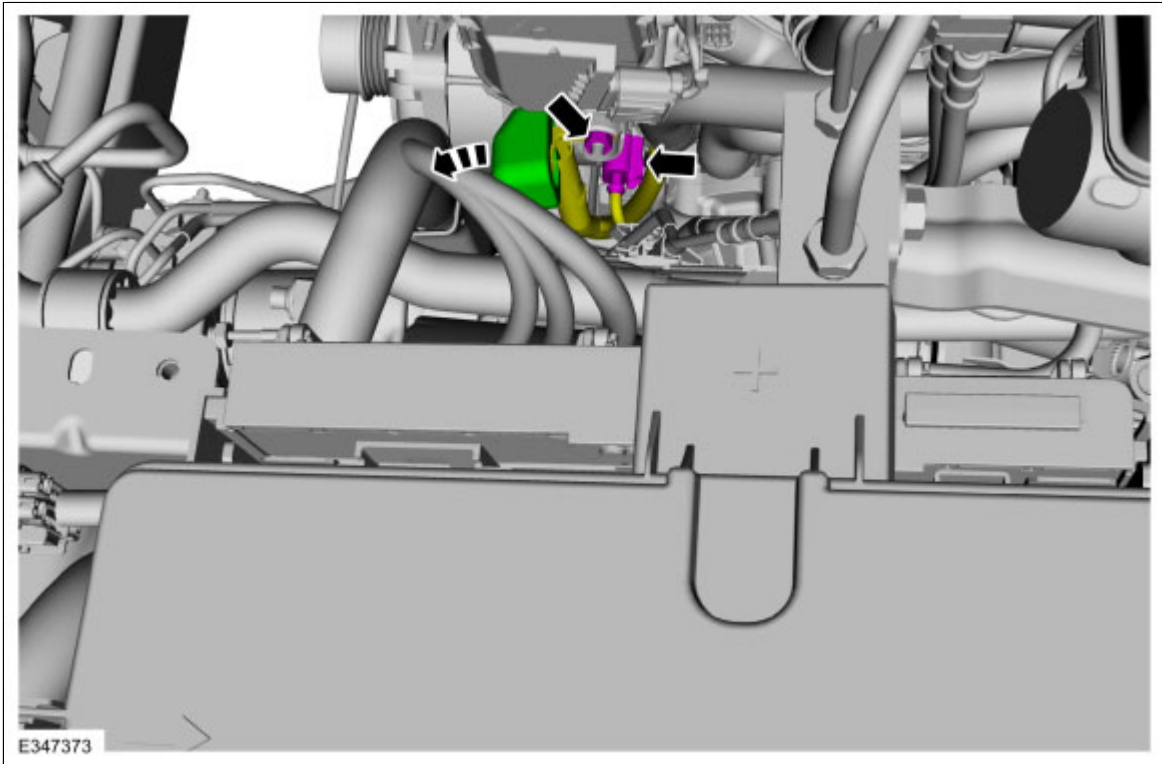
10. Remove the generator splash shield.
- Remove the lower generator shield nut.
Torque : 18 lb.ft (25 Nm)
 - Position the generator shield off the stud bolts.



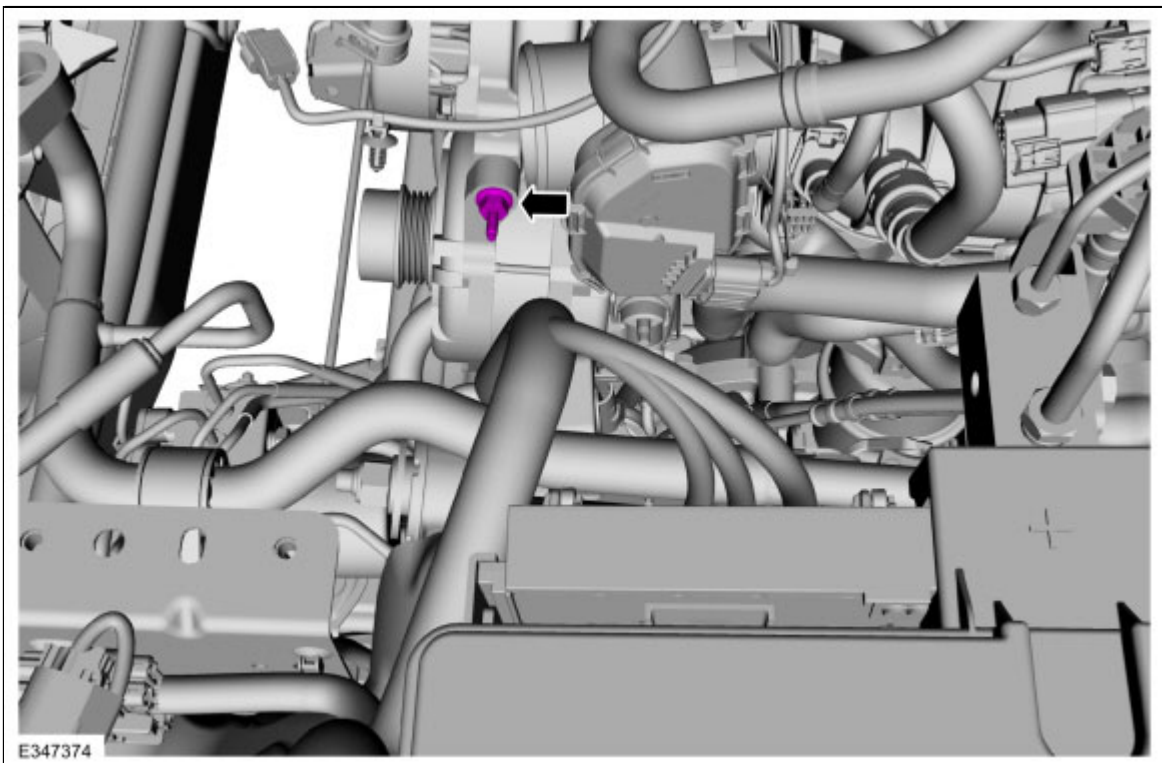
11. **NOTICE:** When installing the B+ terminal nut to the generator, finger-start the nut before tightening or component damage may occur.

Disconnect the generator electrical connector. Position the B+ wire protective cover, remove the nut and position the B+ wire.

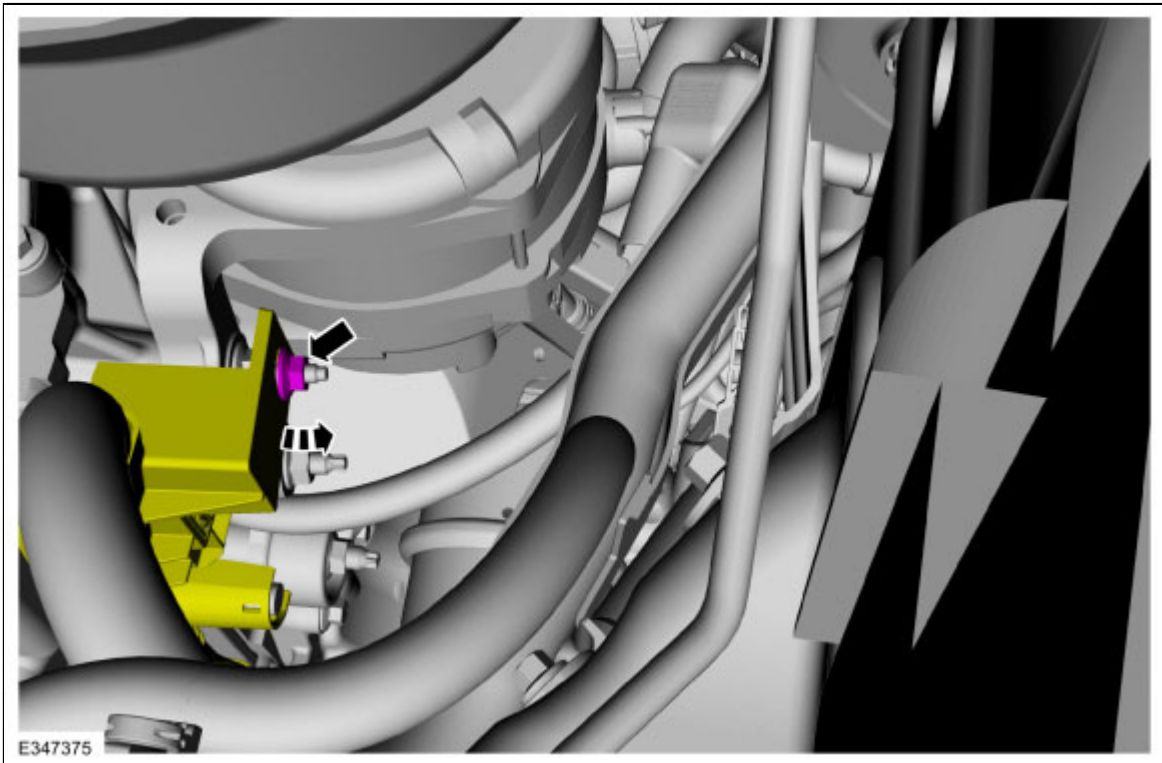
Torque : 155 lb.in (17.5 Nm)



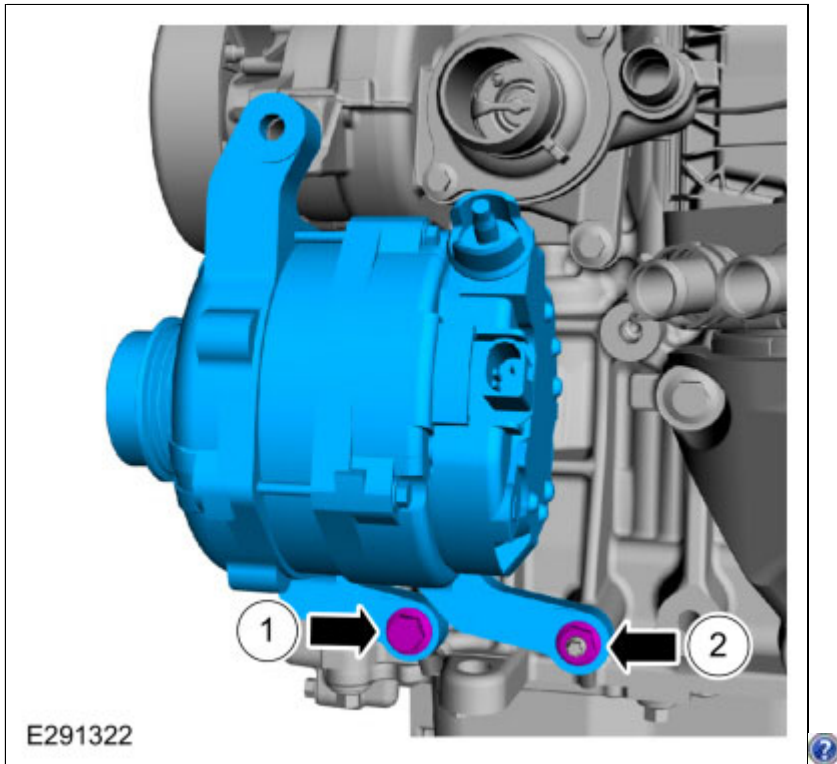
- 12. Remove the upper generator bolt.
Torque : 18 lb.ft (25 Nm)



13. Remove the nut and position the LH wiring harness bracket aside.
Torque : 89 lb.in (10 Nm)



14.
 1. Remove the generator bolt.
Torque : 18 lb.ft (25 Nm)
 2. Remove the generator stud nut and the generator.
Torque : 18 lb.ft (25 Nm)



Installation

1. To install, reverse the removal procedure.

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