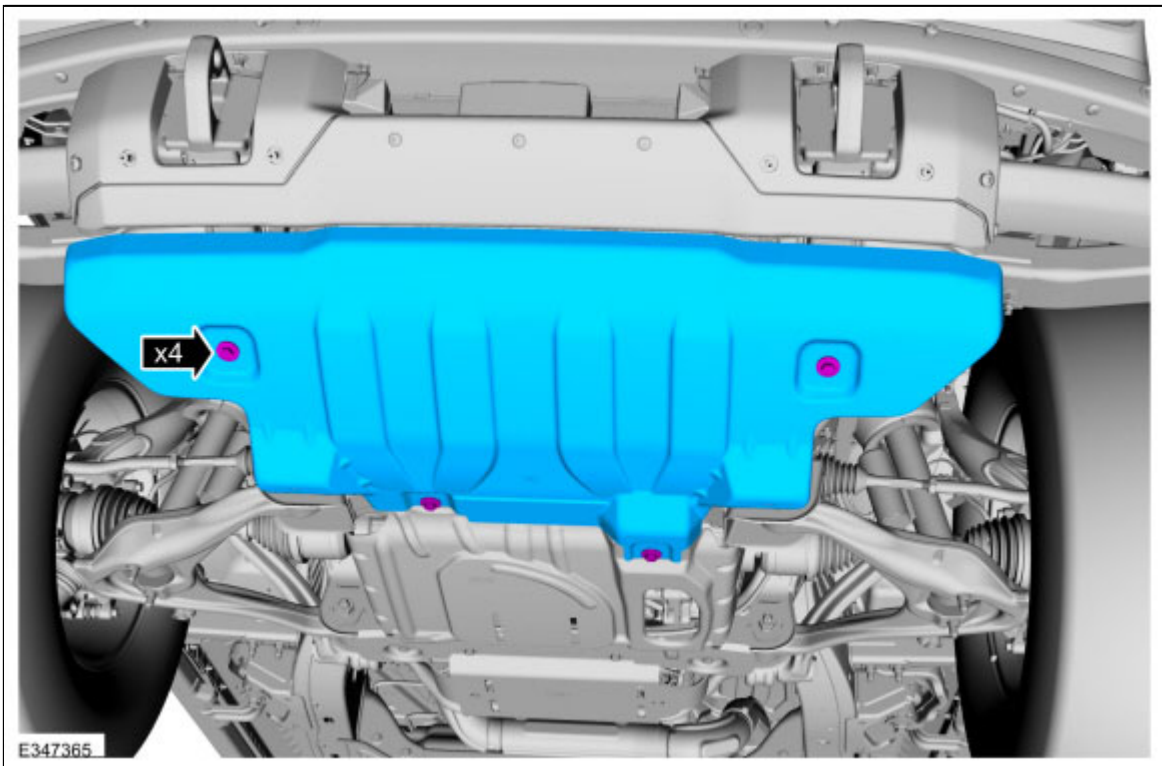


Generator - 2.7L EcoBoost (238kW/324PS)**Removal**

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

1. Disconnect the battery.
Refer to: [Battery Disconnect and Connect](#) (414-01 Battery, Mounting and Cables, General Procedures).
2. With the vehicle in NEUTRAL, position it on a hoist.
Refer to: [Jacking and Lifting](#) (100-02 Jacking and Lifting, Description and Operation).
3. Remove the bolts and the front skid plate.
Torque : 22 lb.ft (30 Nm)

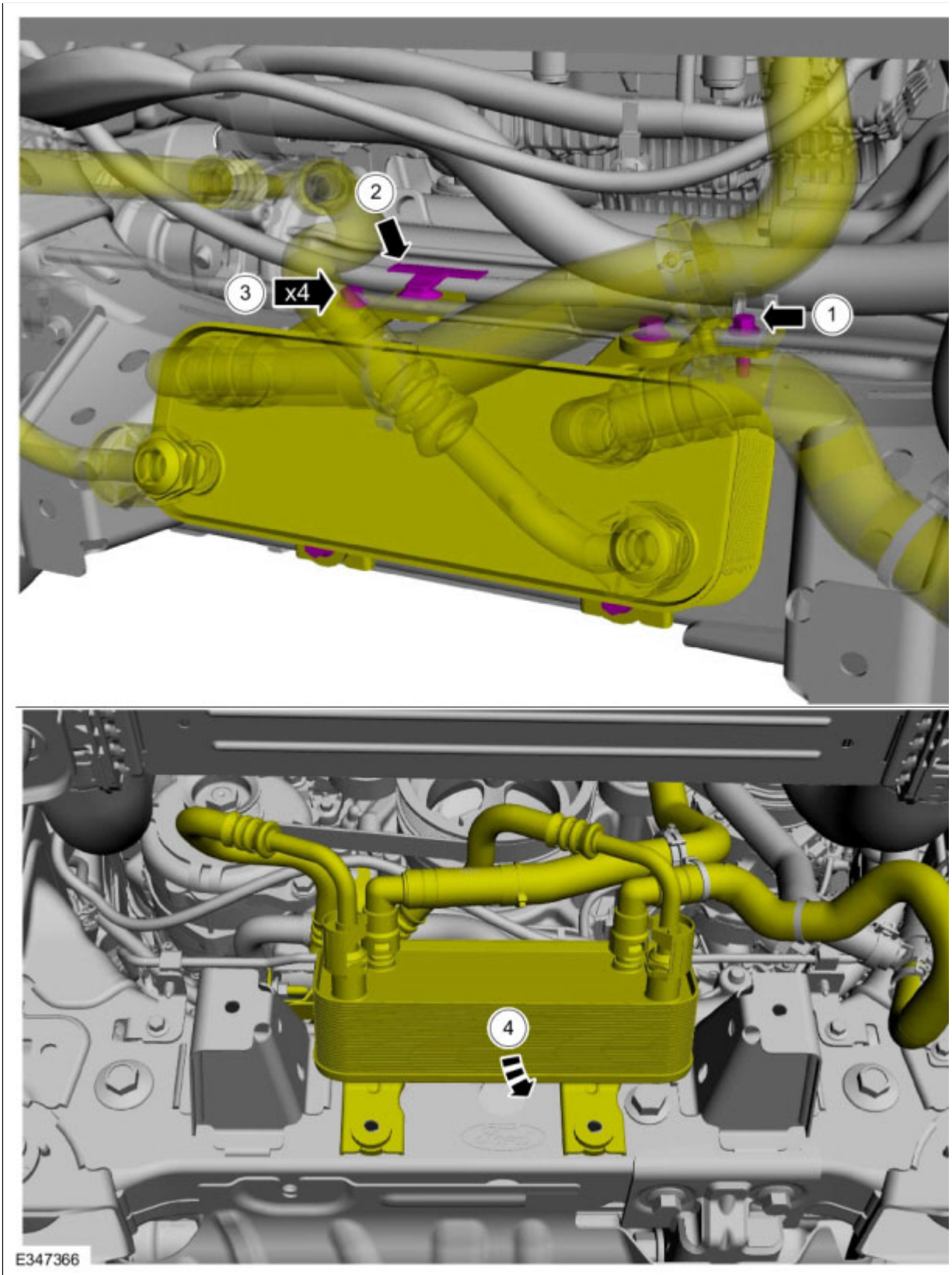


4. **NOTE:** Use a suitable wire or wire tie to support the transmission fluid heat exchanger.

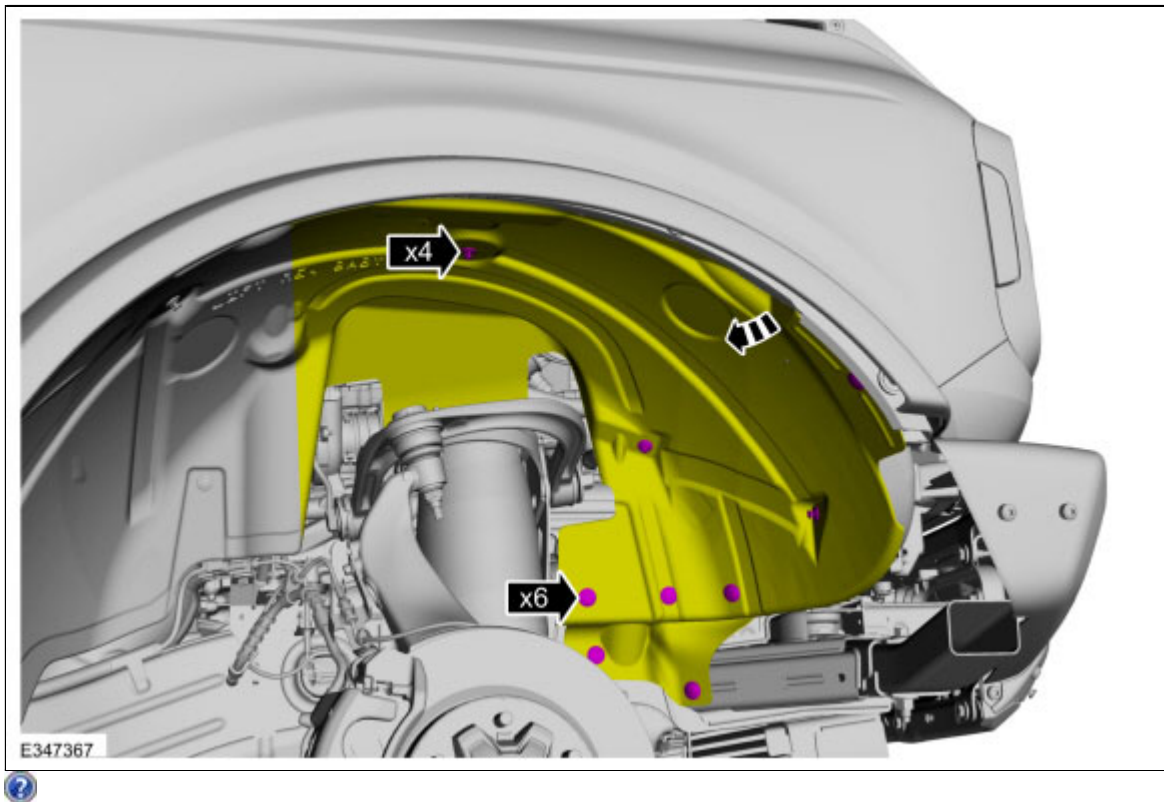
Position and support the transmission fluid heat exchanger.

1. Remove the transmission fluid heat exchanger line bracket bolt.
Torque : 177 lb.in (20 Nm)
2. Separate the wiring guides.
3. Remove the transmission fluid heat exchanger bolts.
Torque : 159 lb.in (18 Nm)

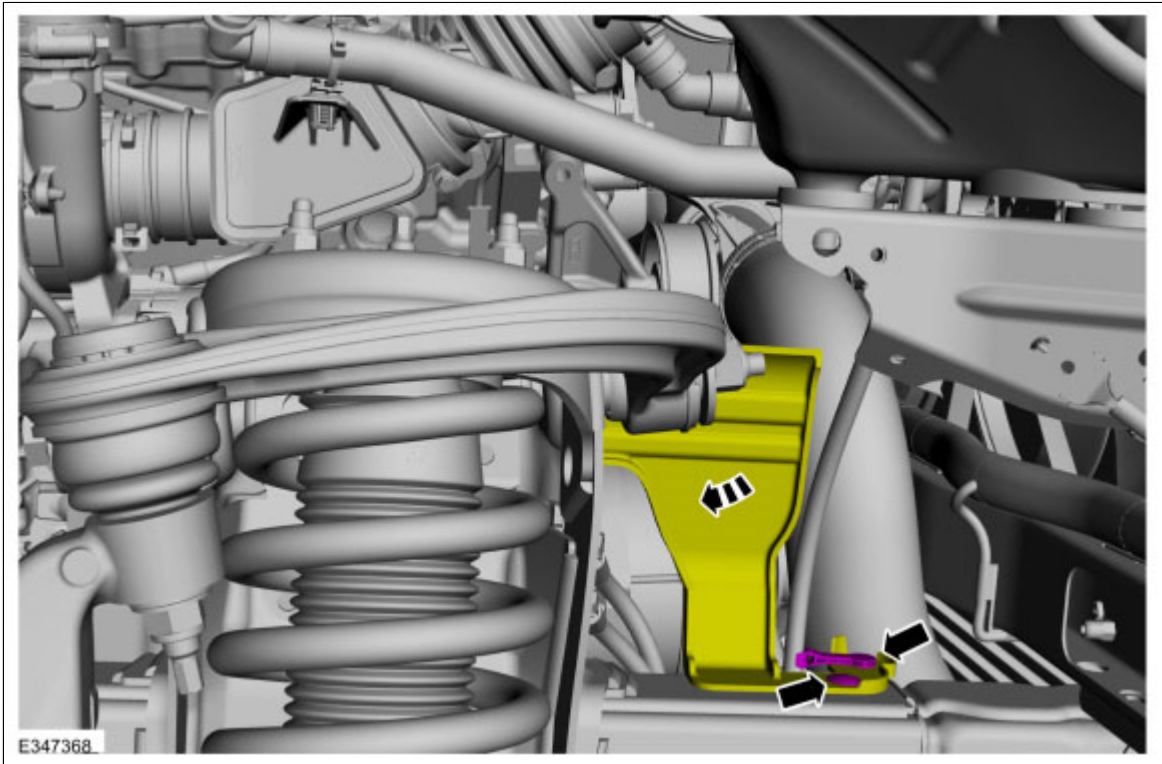
4. Position the transmission fluid heat exchanger aside.



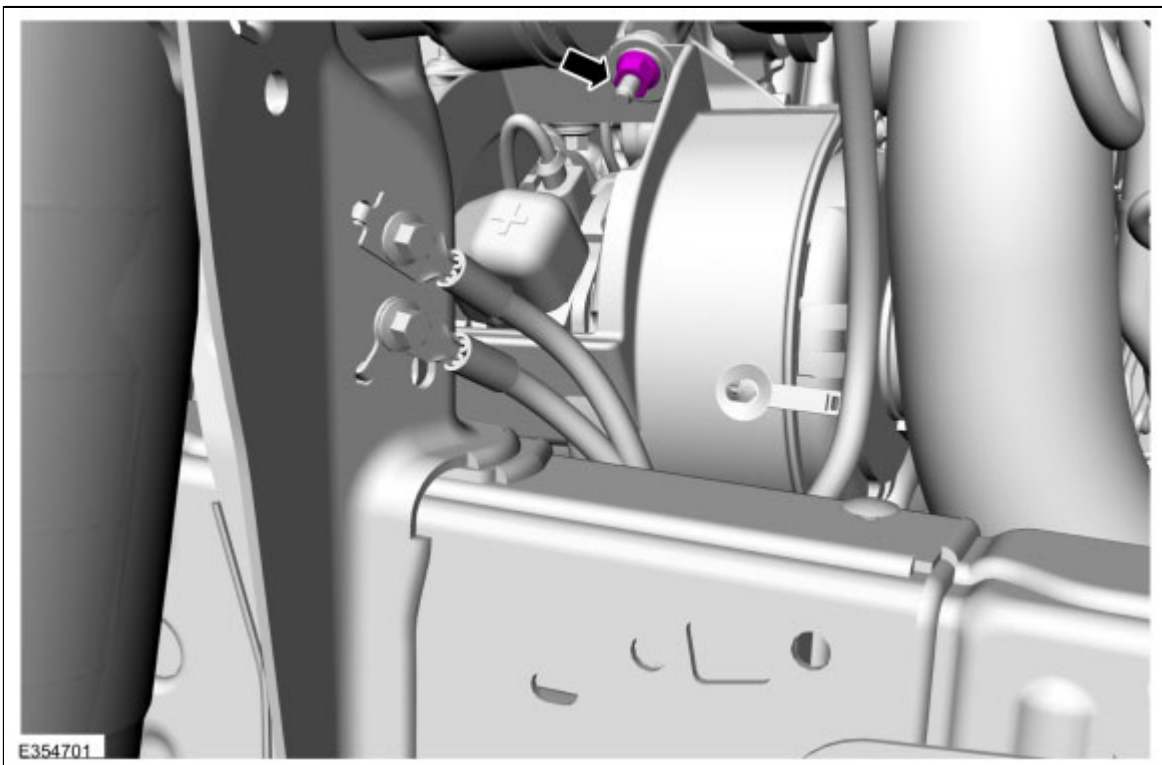
5. Remove the accessory drive belt.
Refer to: [Accessory Drive Belt](#) (303-05B Accessory Drive - 2.7L EcoBoost (238kW/324PS), Removal and Installation).
6. Remove the RHF wheel and tire assembly.
Refer to: [Wheel and Tire](#) (204-04A Wheels and Tires, Removal and Installation).
7. Remove the pin-type retainers, the push pins and position the fender liner aside.



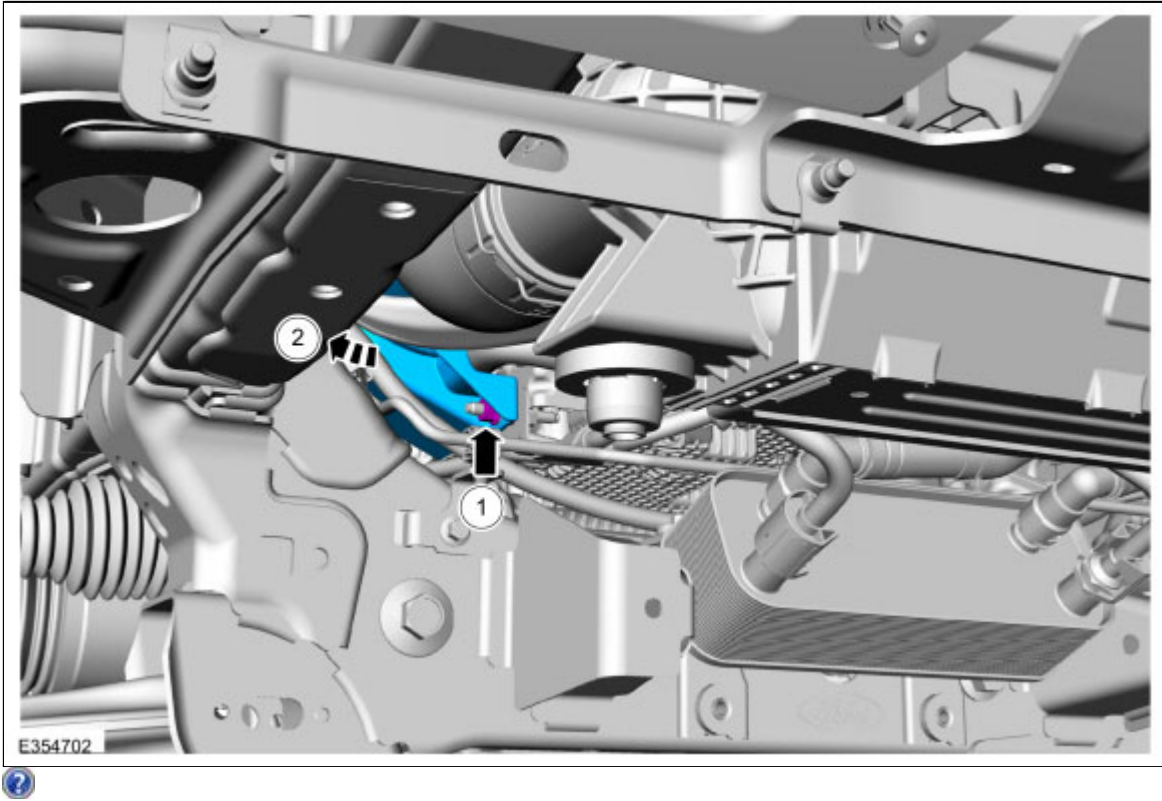
8. Remove the pin-type retainer, separate the wiring guide and position the splash shield aside



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

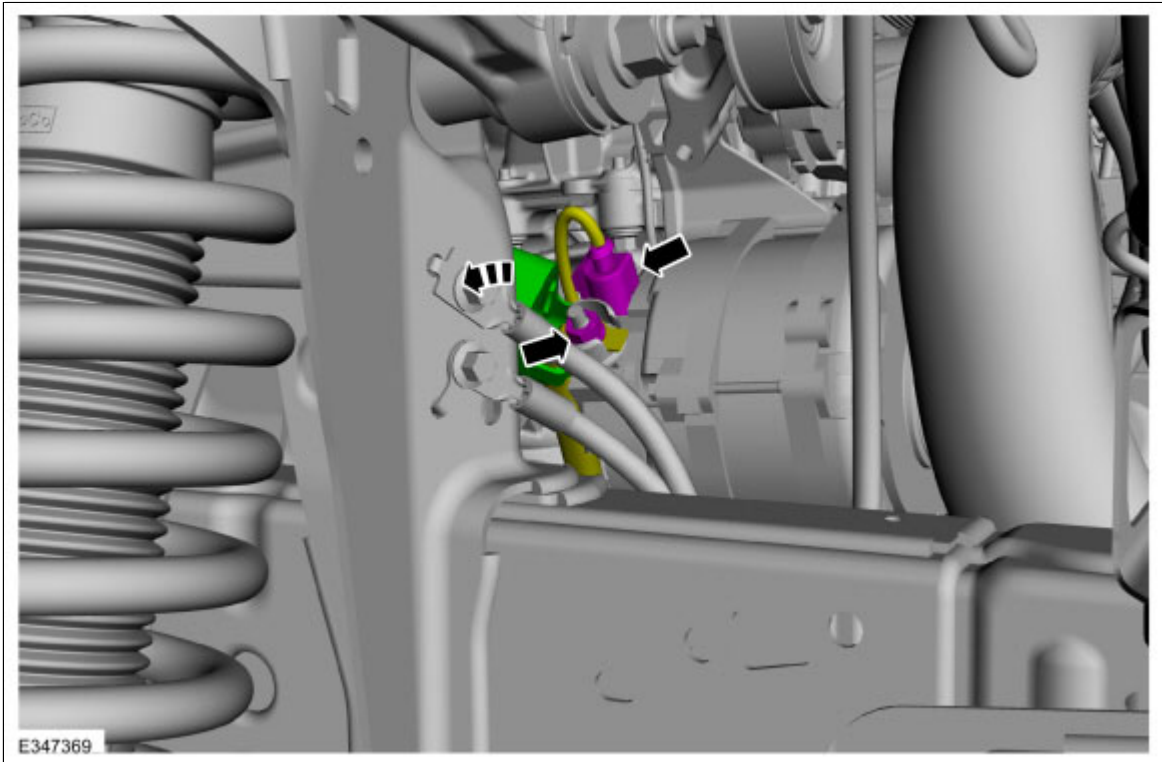


10. Remove the generator splash shield.
- Remove the lower generator shield nut.
Torque : 18 lb.ft (25 Nm)
 - Position the generator shield off the generator.



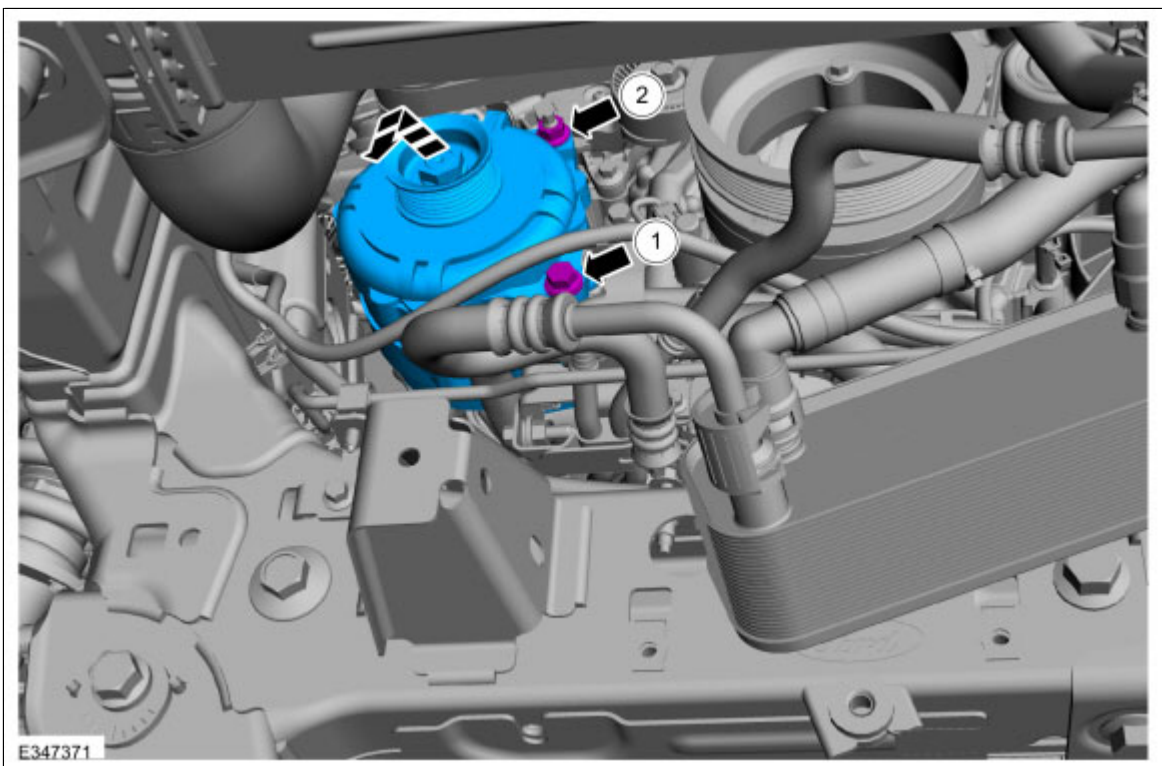
11. **NOTICE:** When installing the B+ terminal nut to the generator, finger-start the nut before tightening or component damage may occur.

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.

1. Remove the generator bolt.
Torque : 35 lb.ft (47 Nm)
2. Remove the generator stud nut and the generator.
Torque : 35 lb.ft (47 Nm)





Installation

1. To install, reverse the removal procedure.

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