

Generator - 4.2L NA V8 - AJV8/4.2L SC V8 - AJV8/3.5L NA V8 - AJV8 (86.10.02)

Special Service Tools



303-021

Engine support beam.

303-021



303-749

Engine lifting brackets

303-749

Removal


All vehicles

- 1 . Disconnect the battery ground cable.

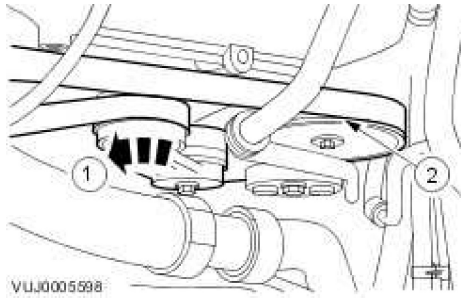
For additional information, refer to Battery Disconnect and Connect

- 2 Detach the accessory drive belt.

- 1) Rotate the accessory drive belt tensioner counter-clockwise.

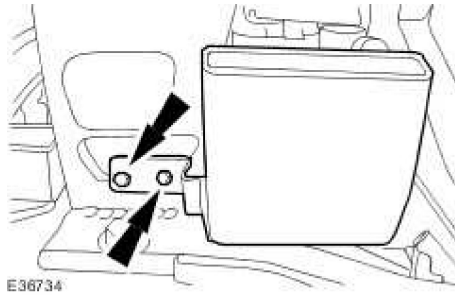
 Use a 3/8 inch square drive bar to rotate the accessory drive belt tensioner.

- 2) Detach the accessory drive belt.



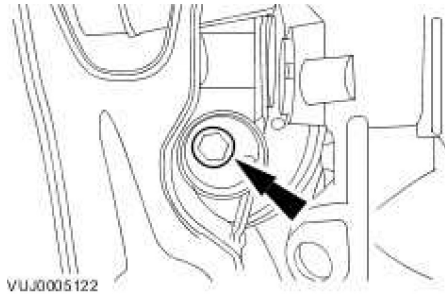
- 3 . Remove the air deflector.
For additional information, refer to Air Deflector (76.11.41)

- 4 . Remove the generator cooling duct.



- 5 . Remove the radiator splash shield.
For additional information, refer to Radiator Splash Shield (76.22.90)

- 6 . Remove the right-hand engine mounting lower retaining bolt.

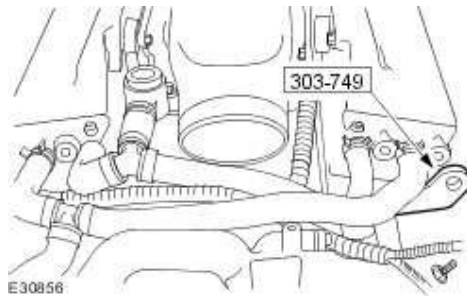


- 7 . Lower the vehicle.

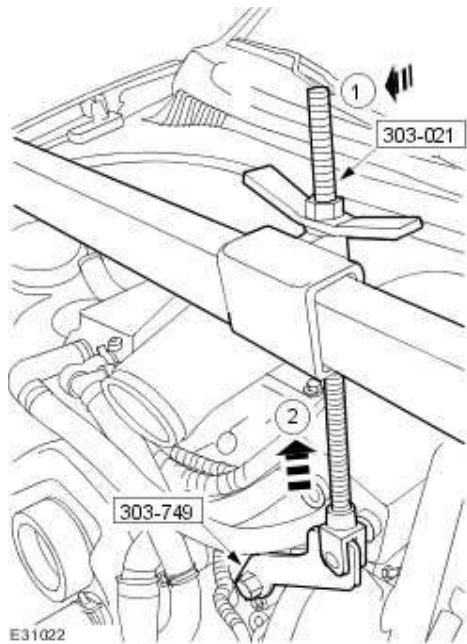
8 . **NOTE:**

Left-hand side shown, right-hand similar.

Install the left hand engine lifting eye.



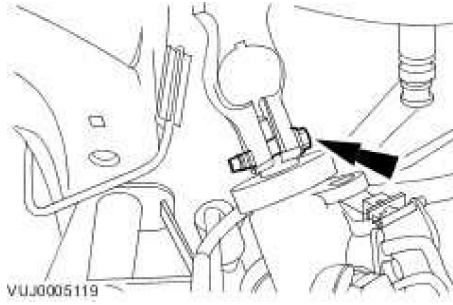
9 . Using the special tools, raise the engine to a suitable height.



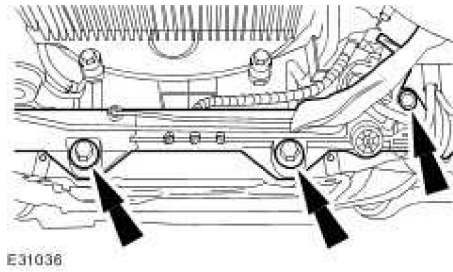
10 . Raise the vehicle.

Right-hand drive vehicles

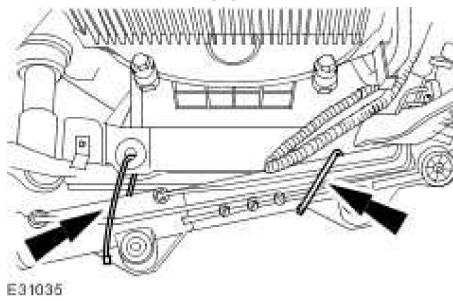
11 . Remove the steering gear shaft pinch bolt.



12 . Detach the steering gear.

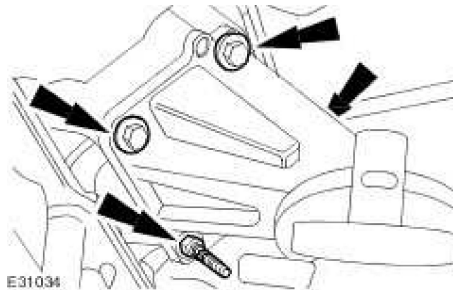


13 . Secure the steering gear.

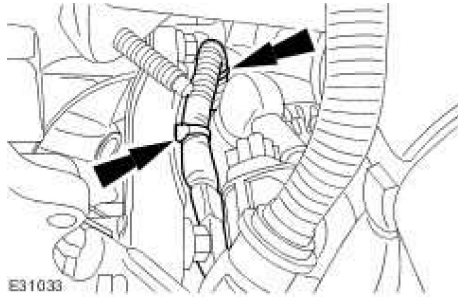


All vehicles

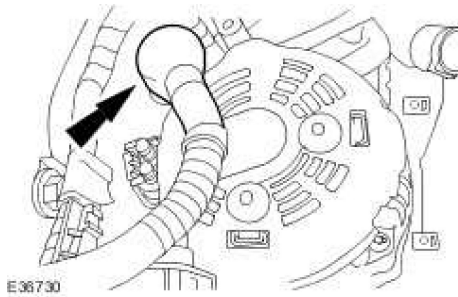
14 . Remove the engine mounting and bracket assembly.



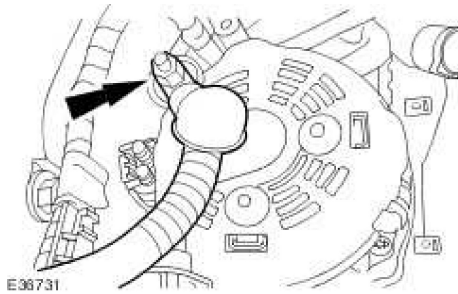
15 . Detach the wiring harness.



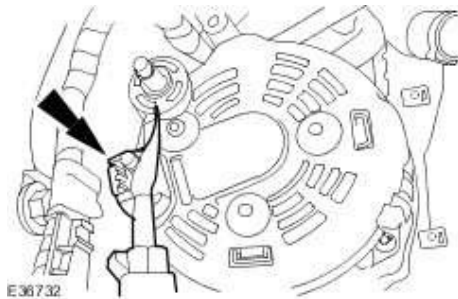
16 . Detach the generator battery positive cable protective cover.



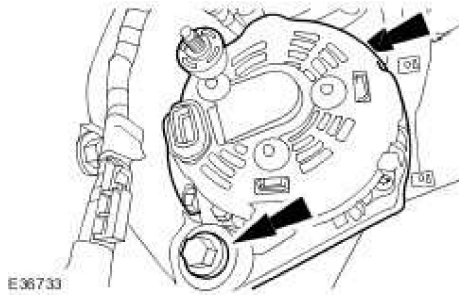
17 . Disconnect the battery positive cable.



18 . Disconnect the generator electrical connector.



19 . Remove the generator.

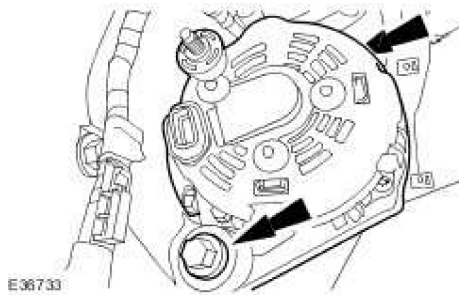


Installation

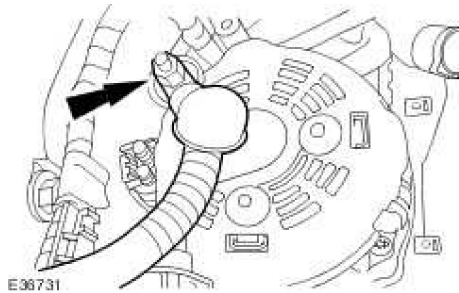
1 . To install reverse the removal procedure.

▶ Tighten the generator upper retaining bolt to 21 Nm.

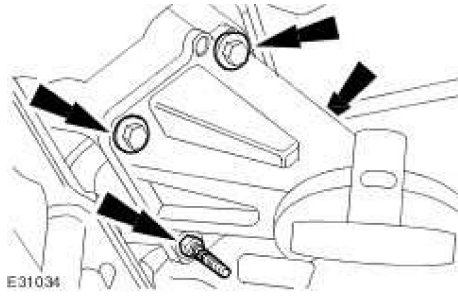
▶ Tighten the generator lower retaining bolt to 40 Nm.



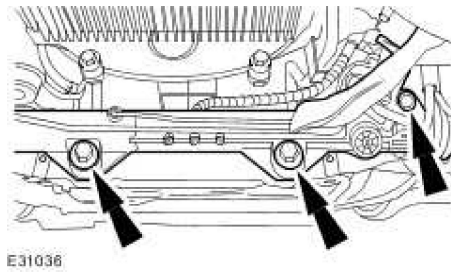
2 . Tighten to 12 Nm.



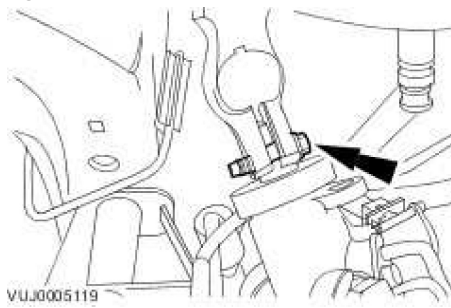
3 . Tighten to 25 Nm.



4 . Tighten to 100 Nm.



5 . Tighten to 35 Nm.



6 . Tighten to 63 Nm.

