

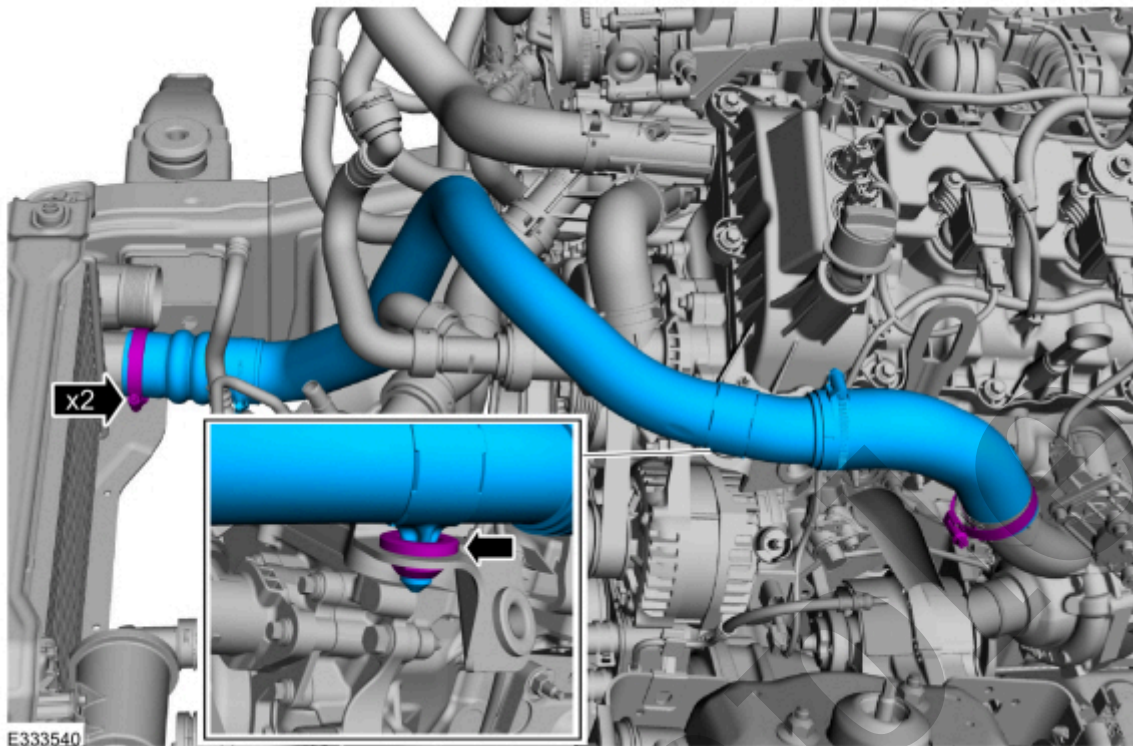
# Your Ultimate Source for OEM Repair Manuals

FactoryManuals.net is a great resource for anyone who wants to save money on repairs by doing their own work. The manuals provide detailed instructions and diagrams that make it easy to understand how to fix a vehicle.

## 2010 Ford E-Series Service and Repair Manual

[Go to manual page](#)

40. • Loosen the clamps. Disconnect the LH (left-hand) TC (turbocharger) outlet tube from the bracket grommet and remove the LH (left-hand) TC (turbocharger) outlet tube.

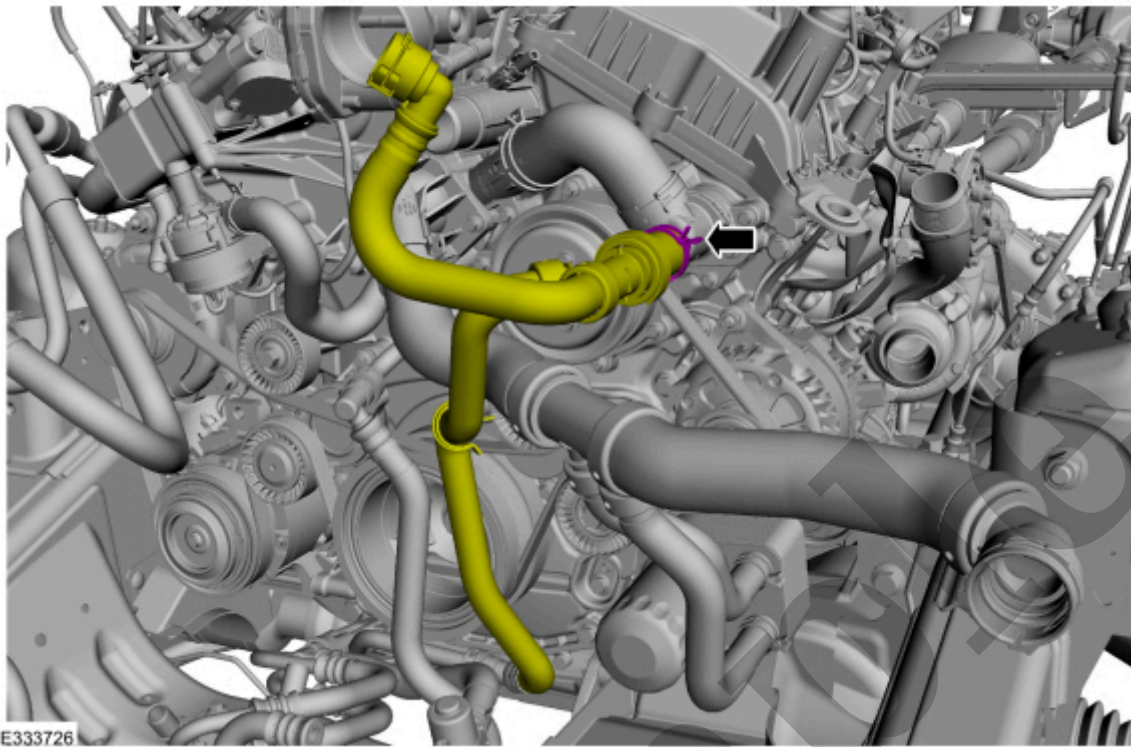


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

41. • Disconnect the hoses.
- Use the General Equipment: Hose Clamp Remover/Installer
- Follow directions to release the quick release coupling type 8.
- Refer to: [Quick Release Coupling](#)(310-00C Fuel System - General Information - 3.5L EcoBoost (BM), General Procedures).
- Release the clamps and remove the heater hoses.

43. Disconnect the coolant hose and position aside.

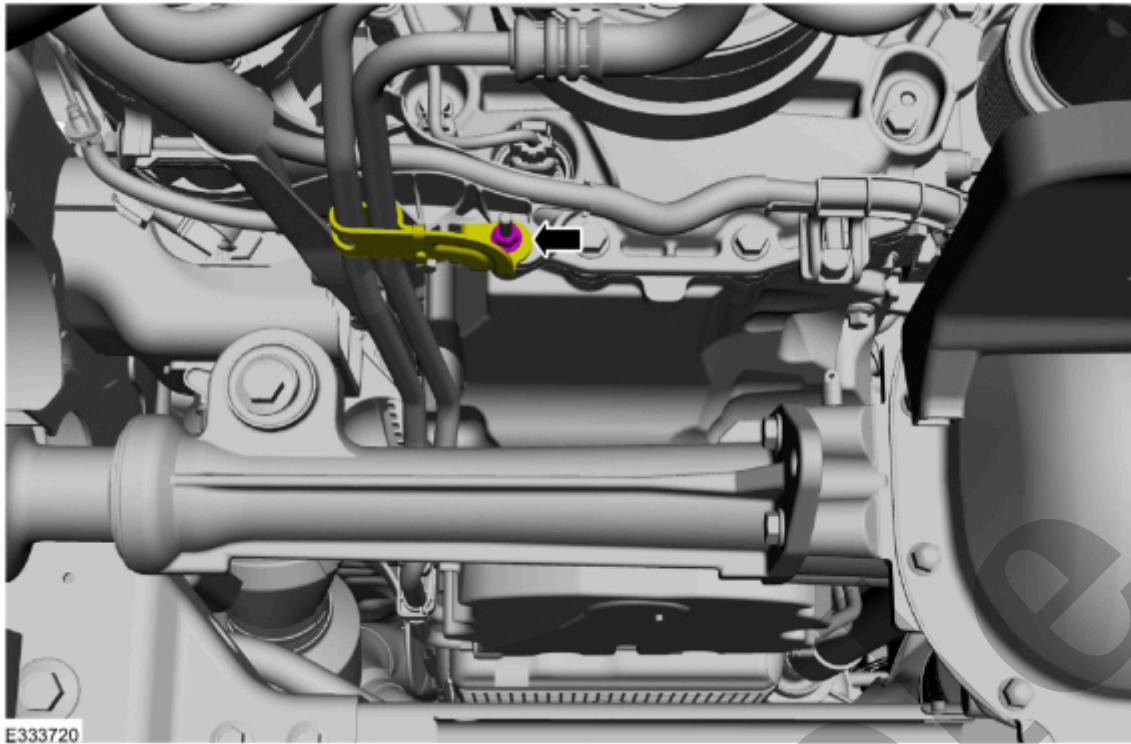
Use the General Equipment: Hose Clamp Remover/Installer



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

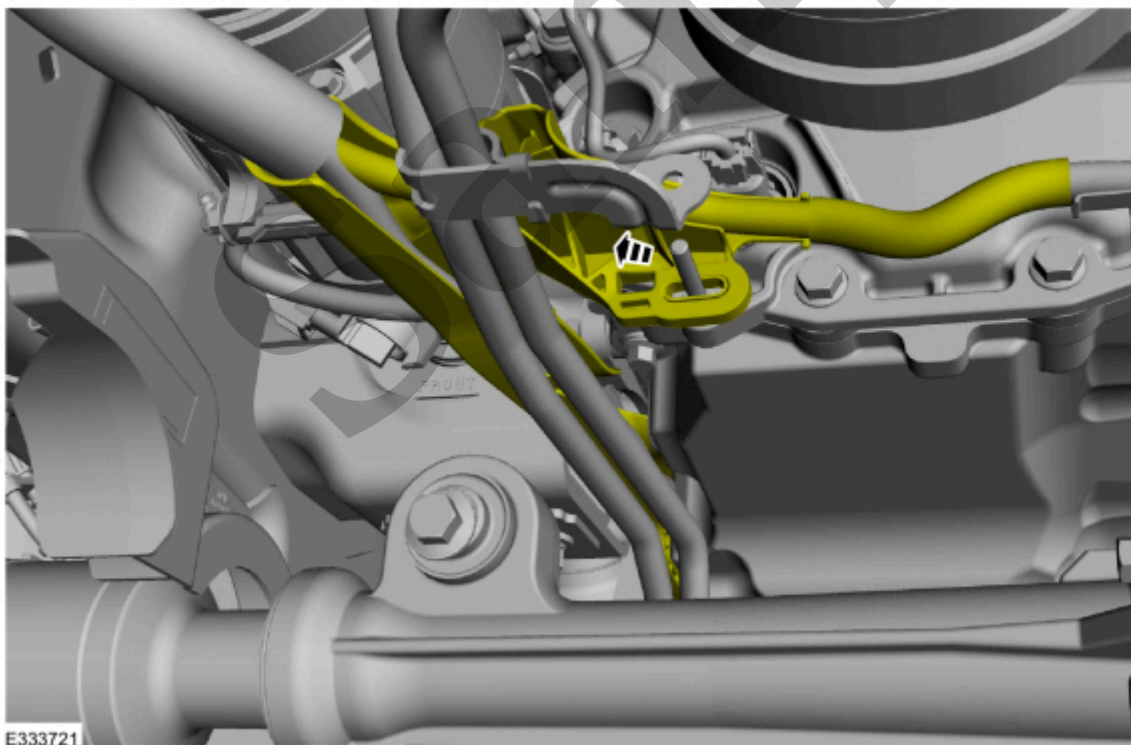
44. Disconnect the coolant hoses and remove.

Use the General Equipment: Hose Clamp Remover/Installer



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

47. Position out the engine wiring harness.

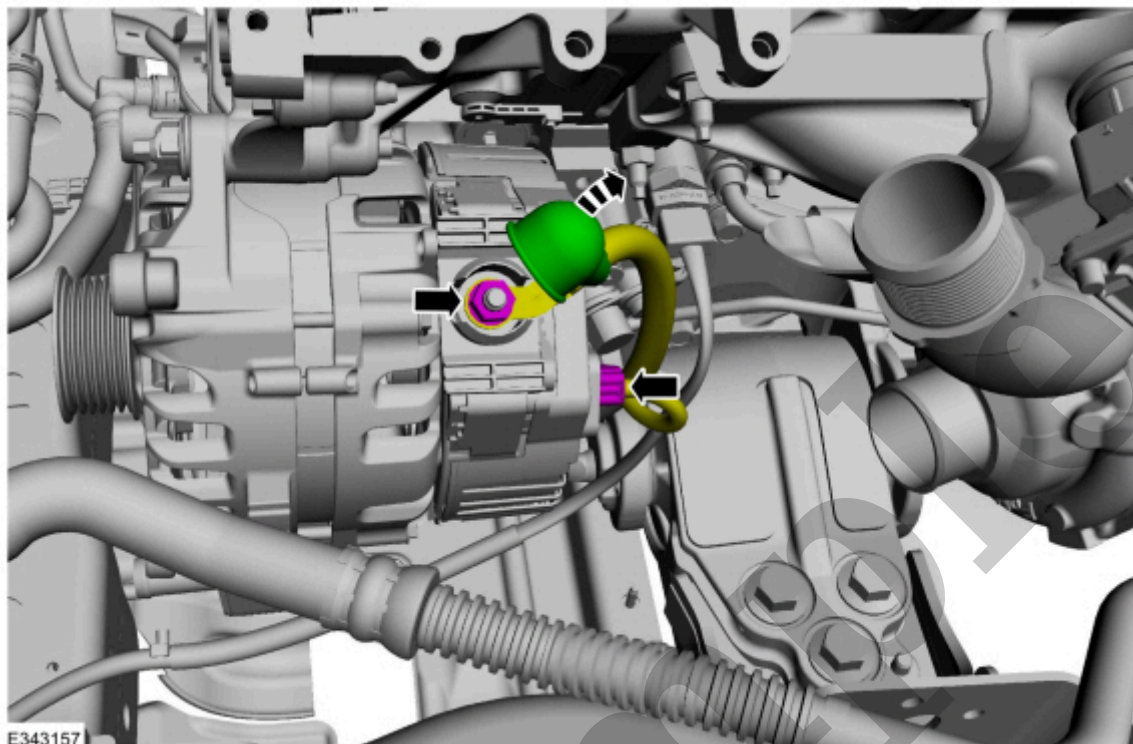


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

48. Disconnect the generator wiring harness from the engine front cover.

[Click here to learn about symbols, color coding, and icons used in this manual.](#)

- 50.
- Position the B+ wire protective cover and remove the nut and the B+ wire.
  - Disconnect the starter generator electrical connector.



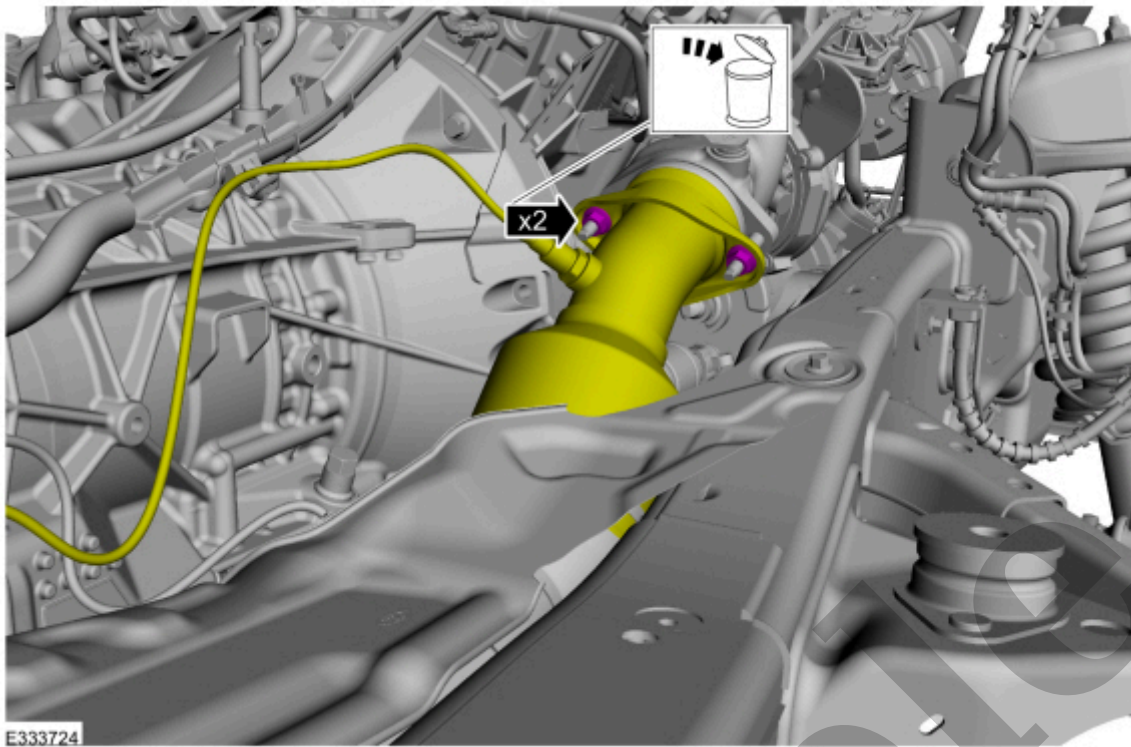
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

51. **NOTE**

Make sure that the mating faces are clean and free of foreign material.

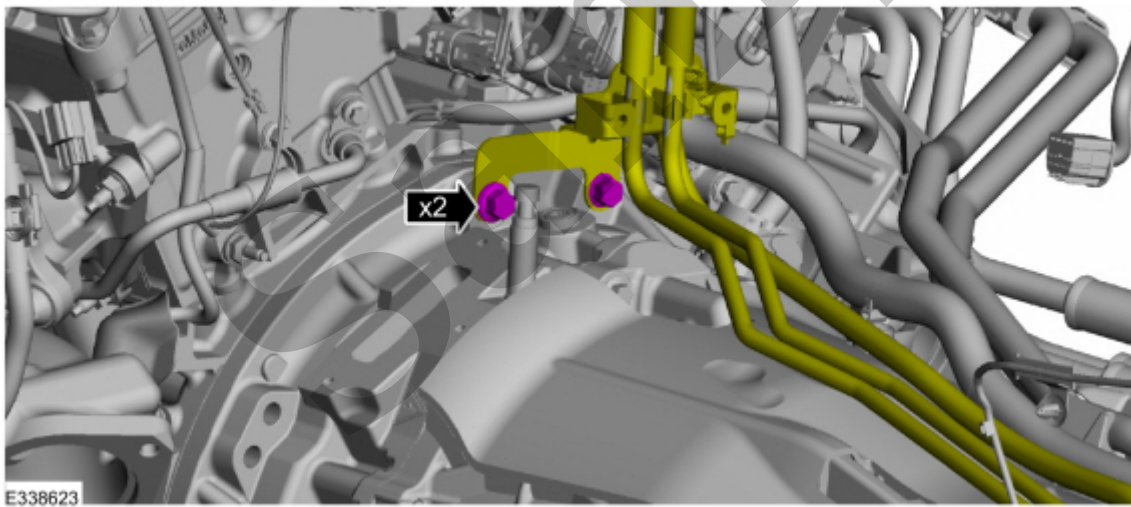
Remove and discard the LH (left-hand) catalytic converter flange nuts.





[Click here to learn about symbols, color coding, and icons used in this manual.](#)

53. Remove the top bellhousing bolts and position aside the bracket.



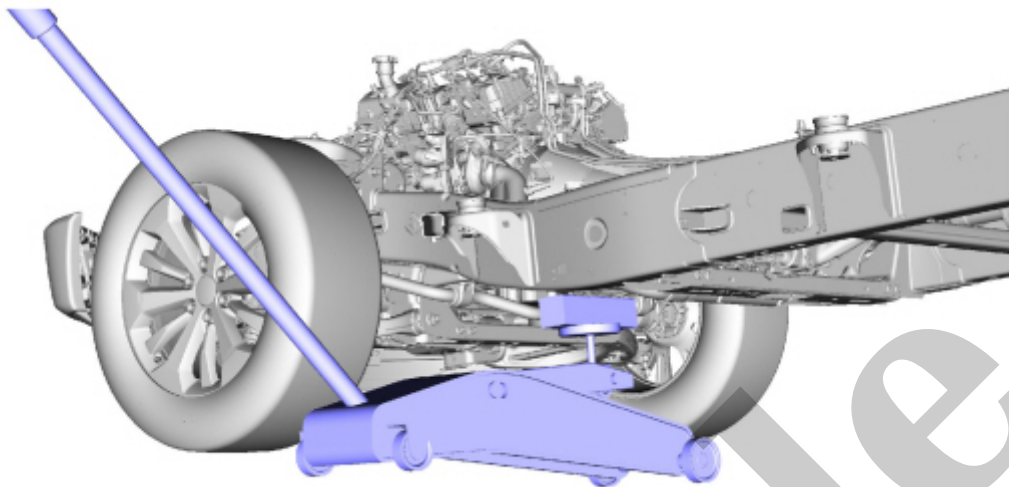
[Click here to learn about symbols, color coding, and icons used in this manual.](#)

54. Remove the RH (right-hand) bellhousing bolt.

Support the bellhousing of the transmission with a suitable floor jack and a block of wood.

Use the General Equipment: Trolley Jack

Use the General Equipment: Wooden Block



E283185

[Click here to learn about symbols, color coding, and icons used in this manual.](#)

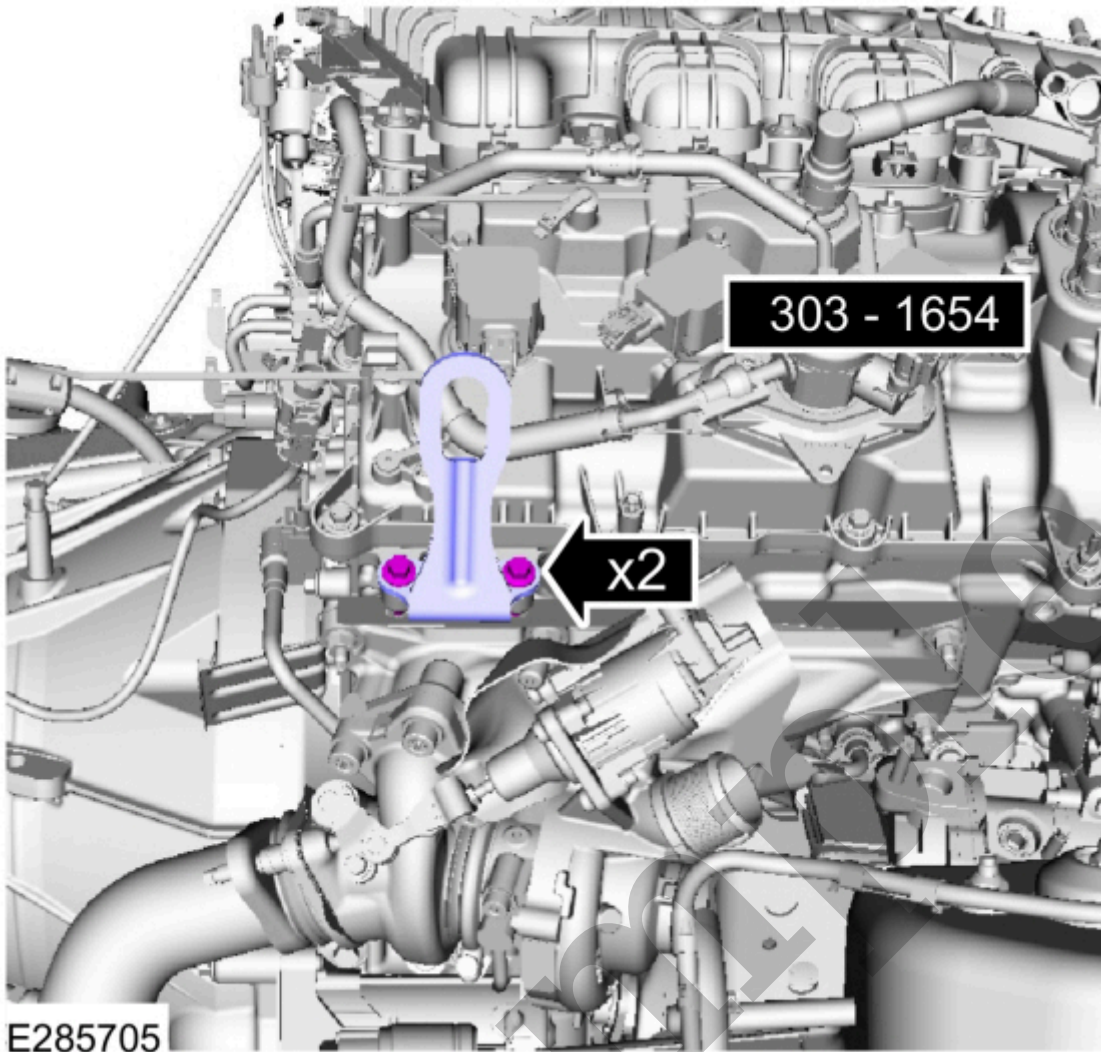
57. **NOTICE**

Only use hand tools when loosening or tightening the engine mount-to-frame bolts or damage to the engine mount-to-frame nut plate can occur.

**NOTE**

Leave the LH (left-hand) engine mount in place.

Remove and discard the LH (left-hand) engine mount bolts.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

59. Install the LH (left-hand) lifting eye.

***Use Special Service Tool*** : 303-1654 Lift Eyes

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



61. **NOTE**

The use of a ratchet strap may be needed to level the engine.

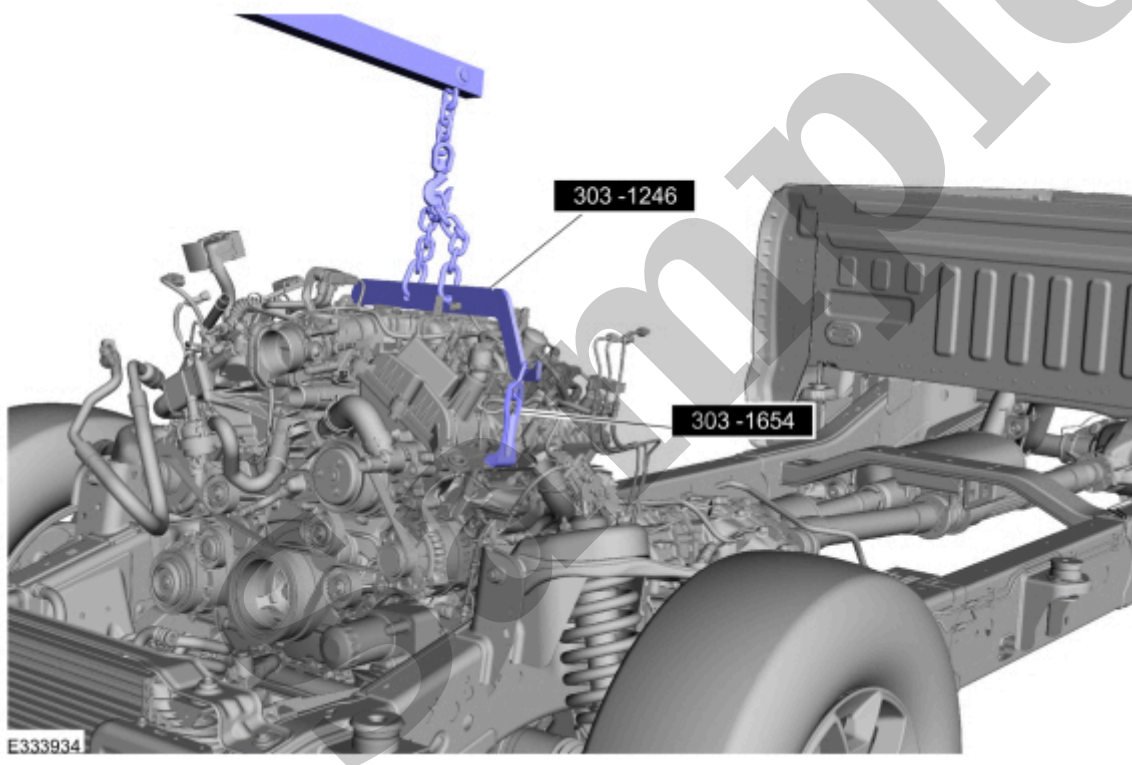
**NOTE**

Use a commercially available quick link on the chain to minimize the spread of the chain.

- Install the engine spreader bar and the floor crane.

**Use Special Service Tool** : 303-1246 Engine Spreader Bar , 303-1654 Lift Eyes

Use the General Equipment: Floor Crane

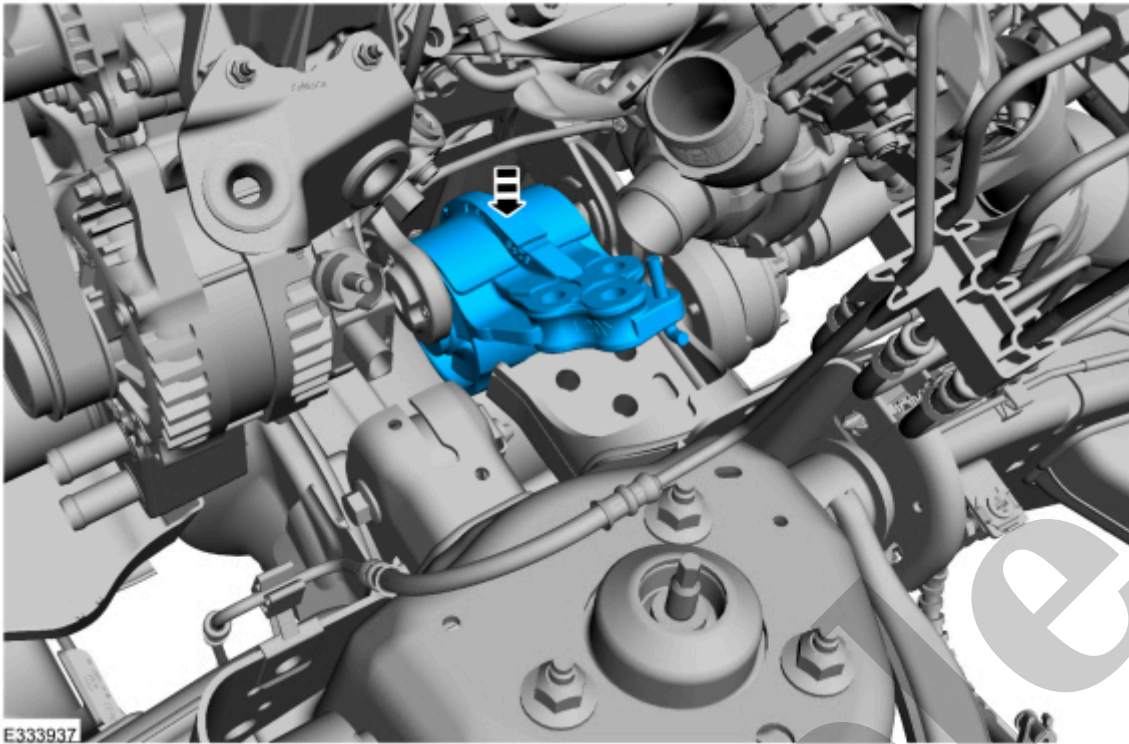


[Click here to learn about symbols, color coding, and icons used in this manual.](#)

62. Using the floor crane, lift eyes and the engine spreader bar, lift the engine.

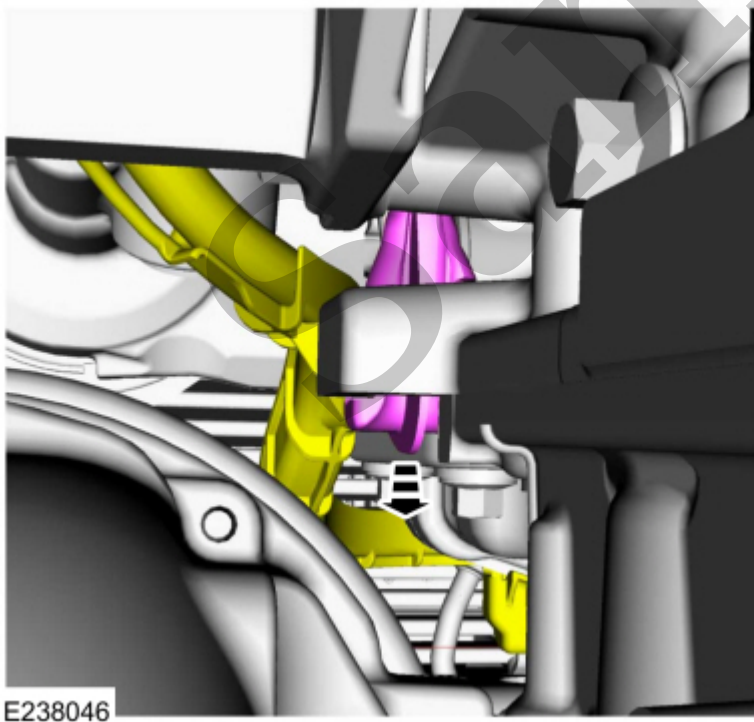
**Use Special Service Tool** : 303-1246 Engine Spreader Bar , 303-1654 Lift Eyes

Use the General Equipment: Floor Crane



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

65. Disconnect and position aside the generator wiring harness from the engine.



[Click here to learn about symbols, color coding, and icons used in this manual.](#)

66. Using the floor crane, lift eyes and the engine spreader bar, remove the engine.