

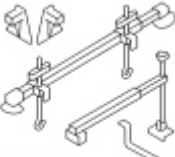


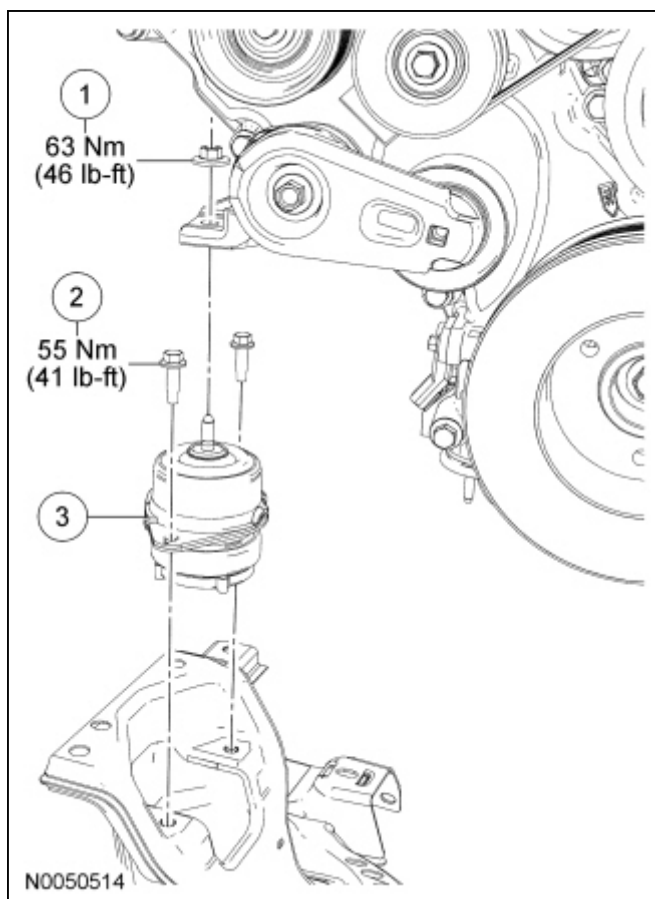
Engine Support Insulators

Special Tool(s)

 ST1603-A	Lifting Bracket, Engine (2 required) 303-D087 (D93P-6001-A1) or equivalent
 ST2176-B	Support Bar, Engine 303-F070
 ST2425-A	Support Bar, Engine 303-F072

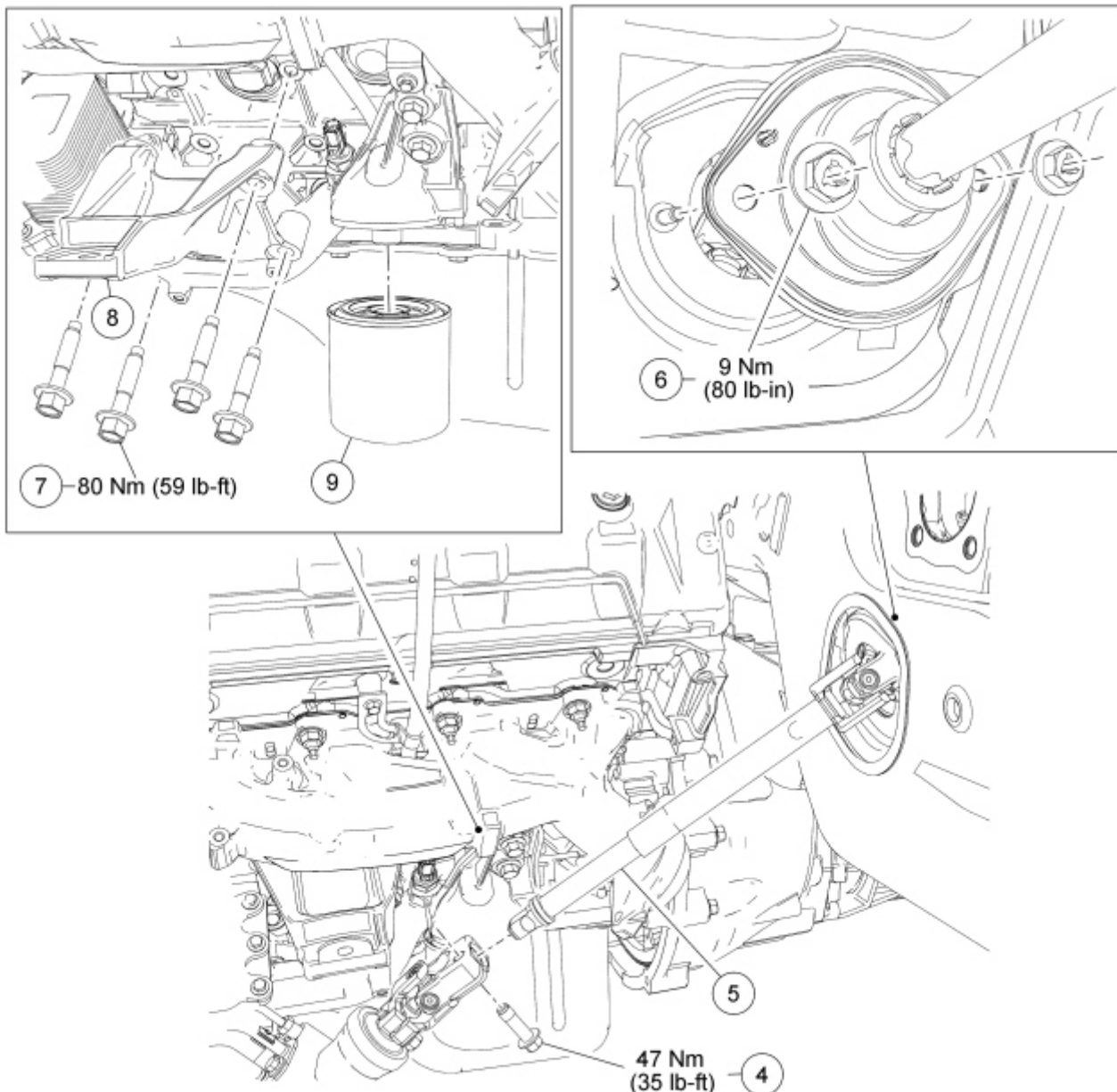
Material

Item	Specification
Motorcraft® SAE 5W-50 Full Synthetic Motor Oil XO-5W50-QGT or equivalent	WSS-M2C931- B



Item	Part Number	Description
1	W712530	RH engine support insulator nut
2	W707641	RH engine support insulator bolt (2 required)
3	6038	RH engine support insulator

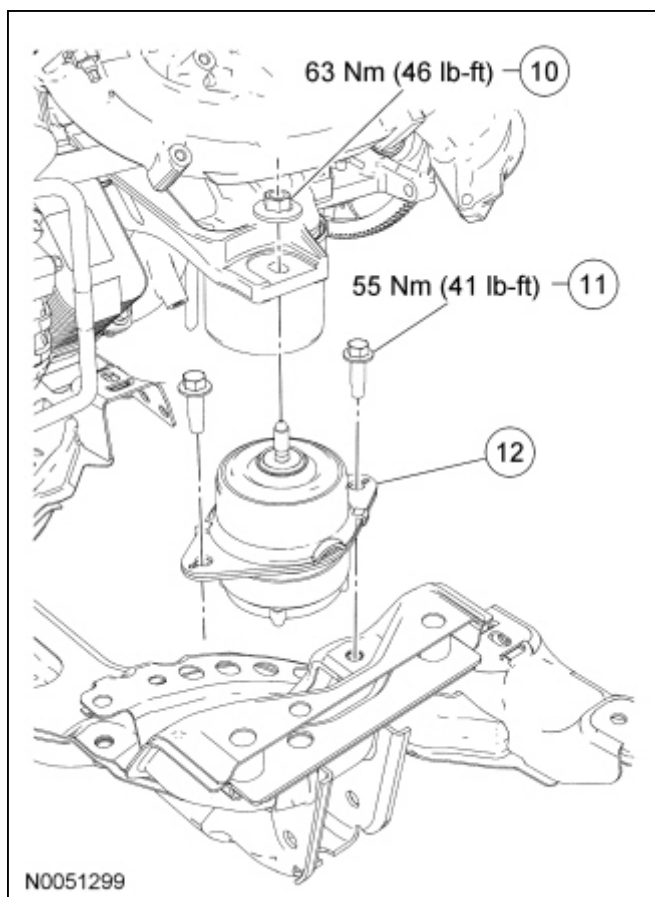
Engine Support Insulators (View 2 of 3)



N0071854

Item	Part Number	Description
4	W702600	Intermediate steering shaft bolt
5	3C662	Intermediate steering shaft
6	W707137	Dash boot nut (2 required)
7	W710565	LH engine support insulator bracket bolt (4 required)
8	6B033	LH engine support insulator bracket
9	6714	Engine oil filter

Engine Support Insulators (View 3 of 3)



Item	Part Number	Description
10	W712530	LH engine support insulator nut
11	W707641	LH engine support insulator bolt (2 required)
12	6038	LH engine support insulator

Removal and Installation

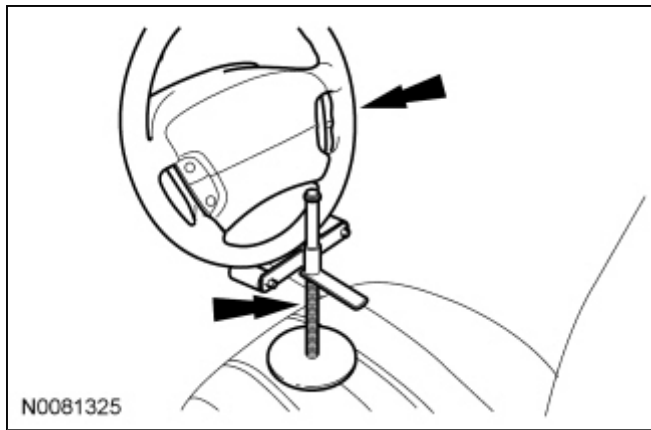
LH engine support insulator

1. With the vehicle in NEUTRAL, position it on a hoist. For additional information, refer to [Section 100-02](#).
2. Remove the 2 dash boot nuts.
 - To install, tighten to 9 Nm (80 lb-in).

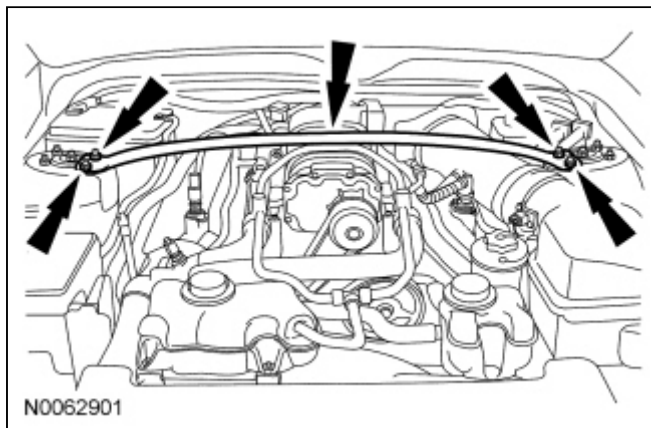
All engine support insulators

3. **NOTE:** Use a steering wheel holding device (such as Hunter® 28-75-1 or equivalent).

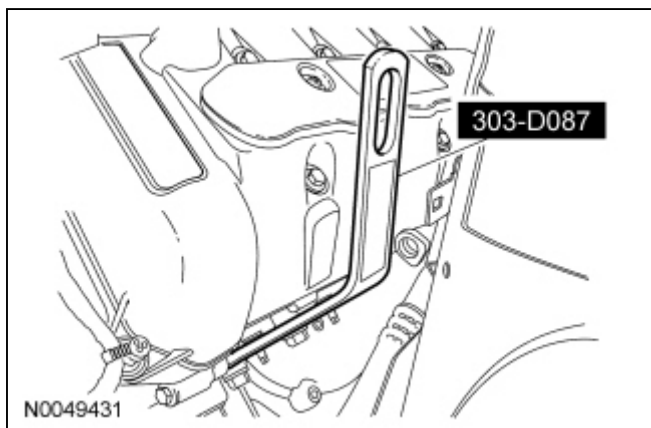
Using a suitable holding device, hold the steering wheel in the straight-ahead position.



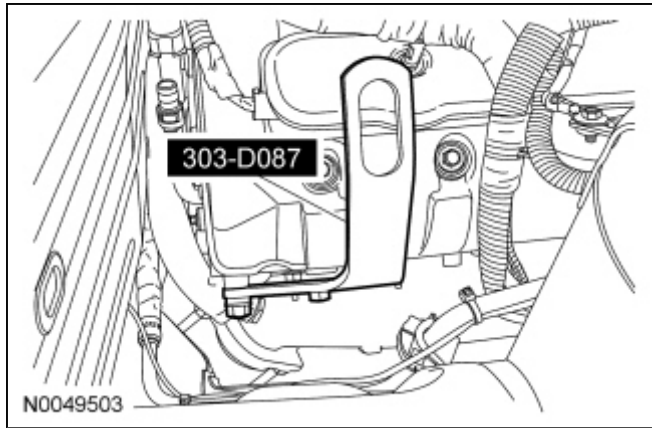
4. Remove the 4 nuts and the strut tower cross brace.
 - To install, tighten to 35 Nm (26 lb-ft).



5. Remove the battery and tray. For additional information, refer to [Section 414-01](#).
6. Remove the Air Cleaner (ACL) outlet pipe. For additional information, refer to [Section 303-12](#).
7. Install the Engine Lifting Bracket.



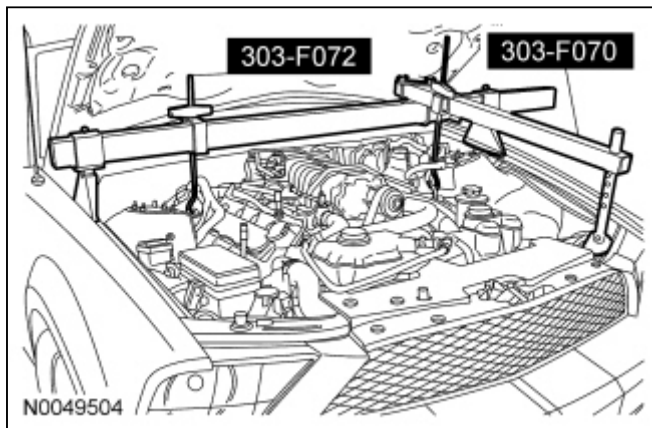
8. Install the Engine Lifting Bracket.



9. **NOTE:** The heavy duty Engine Support Bar (303-F070) must be used with the draw screws from the light duty Engine Support Bar (303-F072). This will provide enough clearance between the Supercharger (SC) and the Engine Support Bar, and enough clearance between the draw screw and the vehicle hood.

Install the Engine Support Bars.

- Remove the LH and RH engine support insulator nuts.
 - To install, tighten to 63 Nm (46 lb-ft).
- Using the Engine Support Bars, raise the engine.



RH engine support insulator

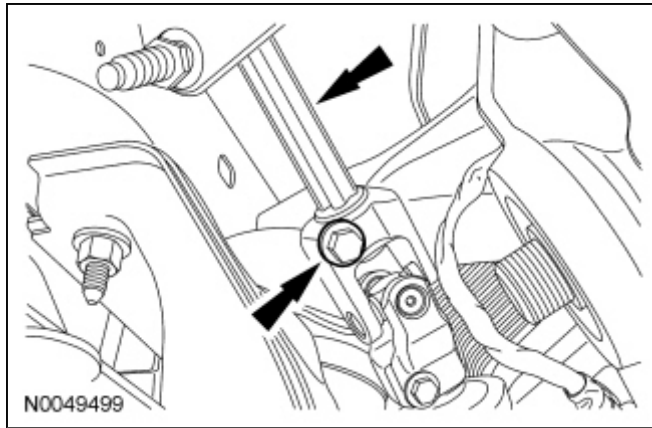
10. Remove the 2 RH engine support insulator-to-subframe bolts and the RH engine support insulator.
- To install, tighten to 55 Nm (41 lb-ft).

LH engine support insulator

11. **NOTICE:** Do not allow the steering wheel to rotate while the steering column intermediate shaft is disconnected or damage to the clockspring can result. If there is evidence that the wheel has rotated, the clockspring must be removed and recentered. For additional information, refer to [Section 501-20B](#).

Remove the upper bolt from the intermediate steering shaft and position the intermediate steering shaft aside.

- To install, tighten to 47 Nm (35 lb-ft).



12. Remove the 4 bolts and the LH engine support bracket.
 - To install, tighten to 63 Nm (46 lb-ft).
13. Remove and discard the engine oil filter.
 - To install, lubricate the oil filter gasket with clean engine oil and tighten until the seal makes contact.
 - Using a suitable oil filter strap wrench, tighten the filter an additional 270 degrees.
14. Remove the 2 LH engine support insulator-to-subframe bolts and the LH engine support insulator.
 - To install, tighten to 55 Nm (41 lb-ft).

All engine support insulators

15. To install, reverse the removal procedure.
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