

TECHNICAL BULLETIN
K262 UPS7514-4bNAS1
10 OCT 2014



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NOTE: The information in Technical Bulletins is intended for use by trained, professional Technicians with the knowledge, tools, and equipment required to do the job properly and safely. It informs these Technicians of conditions that may occur on some vehicles, or provides information that could assist in proper vehicle service. The procedures should not be performed by 'do-it-yourselfers'. If you are not a Retailer, do not assume that a condition described affects your vehicle. Contact an authorized Jaguar service facility to determine whether this bulletin applies to a specific vehicle.

SECTION: 100-00

Update Prior to Sale: Engine Front Ancillary Fixings

AFFECTED VEHICLE RANGE:

F-TYPE (X152)

Model Year: 2015
VIN: K17144-K18826

XF (X250)

Model Year: 2015
VIN: U48674-U54804

XJ Range (X351)

Model Year: 2015
VIN: V76484-V78814

MARKETS:

NAS

CONDITION SUMMARY:

Situation: A potential issue has been identified on a limited number of 2015 model year F-TYPE (X152), XF (X250), and XJ (X351) vehicles where the torque of some of the fixings that secure the ancillaries to the engine may not be to the correct specification.

Action: Retailers are required to **HOLD** only affected vehicles that are within your control and refrain from releasing the vehicles for new or used vehicle sale pending completion of the rework action detailed in this Technical Bulletin. Unsold vehicles should have this performed as part of the Pre-Delivery Inspection (PDI) process but **must** have it completed prior to vehicle handover to the customer. Affected vehicles already in the hands of customers should be updated at the next available opportunity.

PARTS:

No parts required

SPECIAL TOOLS:

Refer to Workshop Manual / Service Instruction for any required tools

WARRANTY:



NOTE: Check DDW to ensure that a vehicle is affected by this program prior to undertaking any rework action. Repair procedures are under constant review, and therefore times / prices are subject to change; those quoted here must be taken as guidance only. Refer to TOPIX to obtain the latest repair time. At the time of confirming a booking for vehicle repair, ensure that all outstanding Service Actions are identified to ensure the correct parts are available and adequate workshop time is allocated for repairs to be completed at one visit.

Warranty claims must be submitted quoting Program Code 'K262' together with the relevant Option Code from the table. The SRO and part information listed have been included for information only. The Option Code(s) that allows for the drive in / drive out allowance may only be claimed if the vehicle is brought into the workshop for this action alone to be undertaken.

This program is valid for a limited time only. Warranty claims with a repair date prior to the **06 April 2015** closure date must be submitted for payment within 30 calendar days of completion of the repair.

PROGRAM CODE	OPTION CODE	DESCRIPTION	SRO	TIME (HOURS)
K262	B	Engine auxiliary component torque - Check	12.41.89	F-TYPE - 1.70 XF - 2.0L GTDi, 5.0L S/C V8 - 1.10 XF - 3.0L S/C V6 - RWD - 1.20 XJ - 3.0L S/C V6 - RWD - 1.20

				XJ - 5.0L S/C V8 - 1.20
K262	C	Engine auxiliary component torque - Check Drive in/drive out	12.41.89 10.10.10	F-TYPE - 1.70 XF - 2.0L GTDi, 5.0L S/C V8 - 1.10 XF - 3.0L S/C V6 - RWD - 1.20 XJ - 3.0L S/C V6 - RWD - 1.20 XJ - 5.0L S/C V8 - 1.20 0.10
K262	F	Engine auxiliary component torque - Check	12.41.89/01	XF - 3.0L S/C V6 - AWD - 1.50 XJ - 3.0L S/C V6 - AWD - 1.40
K262	G	Engine auxiliary component torque - Check Drive in/drive out	12.41.89/01 10.10.10	XF - 3.0L S/C V6 - AWD - 1.50 XJ - 3.0L S/C V6 - AWD - 1.40 0.10

Normal Warranty policies and procedures apply

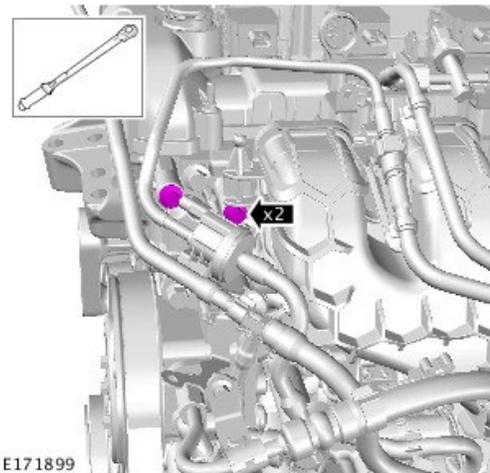
SERVICE INSTRUCTION 'A': 2.0L GTDi Petrol XF Only



NOTE: Illustrations may show components removed for clarity.

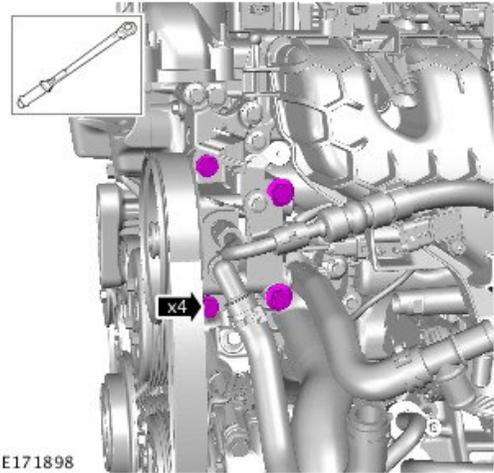
1. Disconnect the battery ground cable (see TOPIx Workshop Manual, section 414-01).
2. Remove the engine cover (see TOPIx Workshop Manual, section 501-05).
3. Tighten the Power Assisted Steering (PAS) pump retaining bracket fixings.

1. Torque: 21Nm



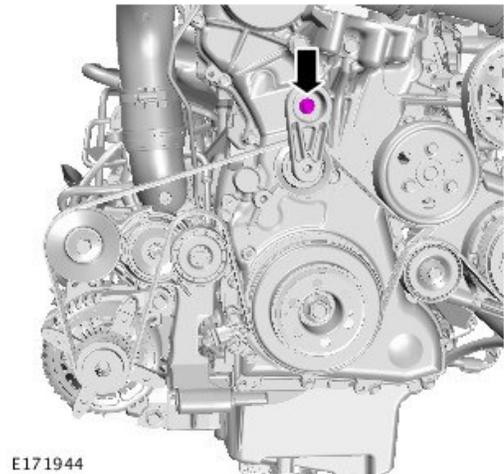
4. Tighten the PAS pump fixings.

1. Torque: 21Nm



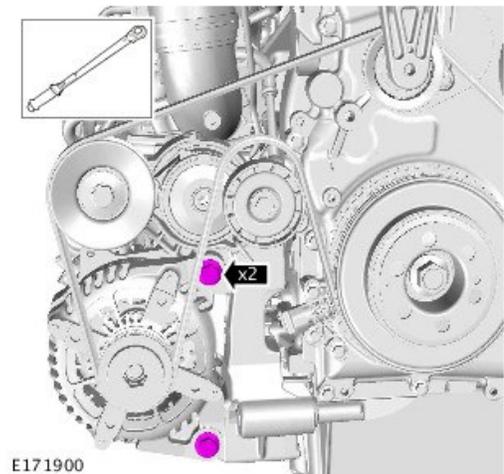
5. Tighten the Front End Accessory Drive (FEAD) tensioner fixing.

- 1. Torque: 21Nm



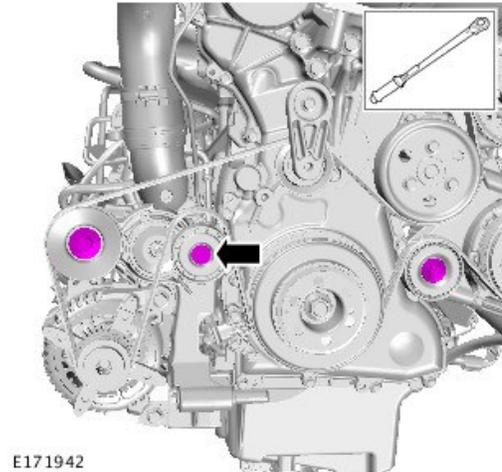
6. Tighten the generator fixings.

- 1. Torque: 40Nm



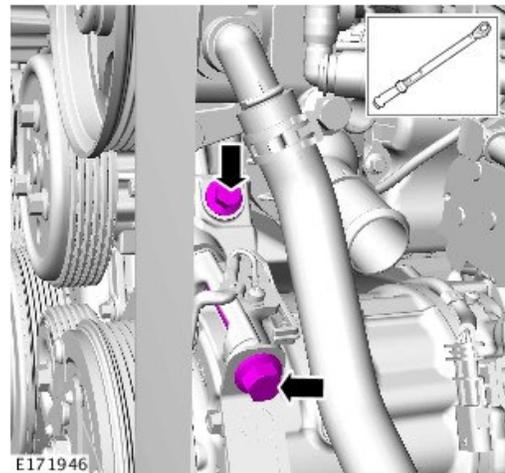
7. Tighten the FEAD idler pulley fixings.

1. Torque: 40Nm



8. Tighten the A/C compressor and A/C compressor bracket top fixings.

1. Torque: 21Nm

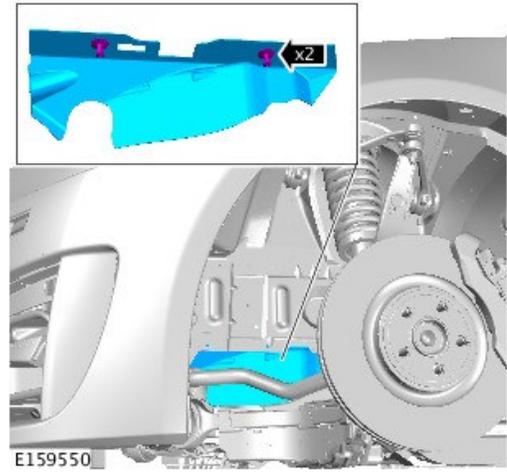


9.  **WARNING: Make sure to support the vehicle with axle stands.**

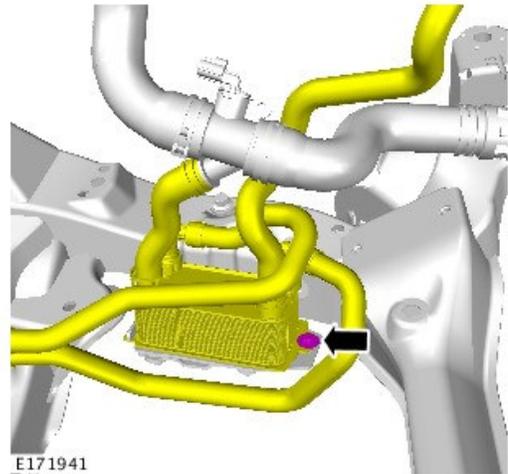
Raise and support the vehicle.

10. Remove the Air deflector (see TOPIx Workshop Manual, section 501-02).

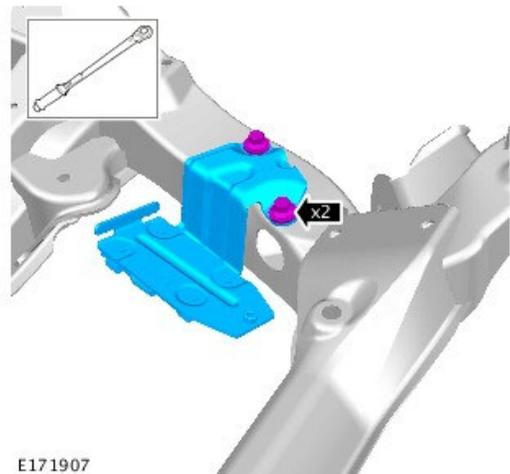
11. Remove the LH side lower splash shield for access.



12. Position aside the transmission oil cooler.

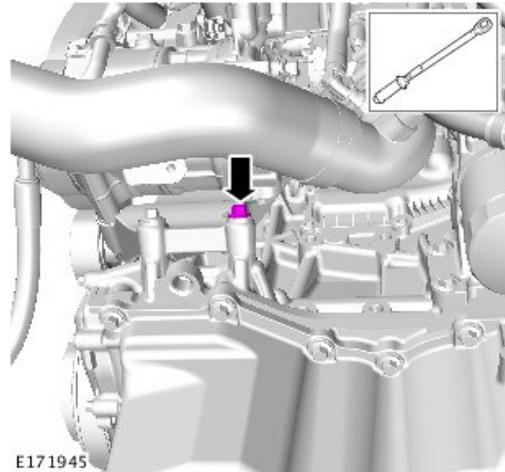


13. Remove the transmission oil cooler bracket.



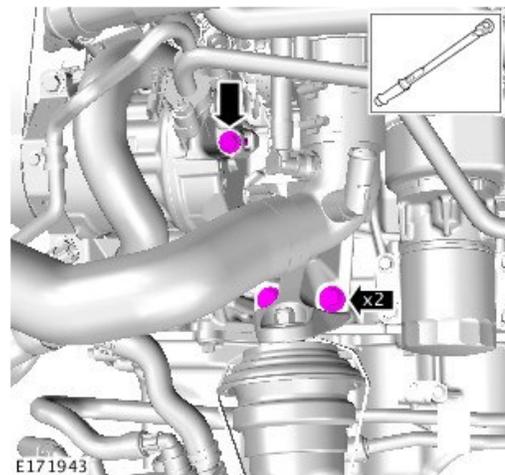
14. Tighten the A/C compressor bracket lower fixing.

1. Torque: 21Nm

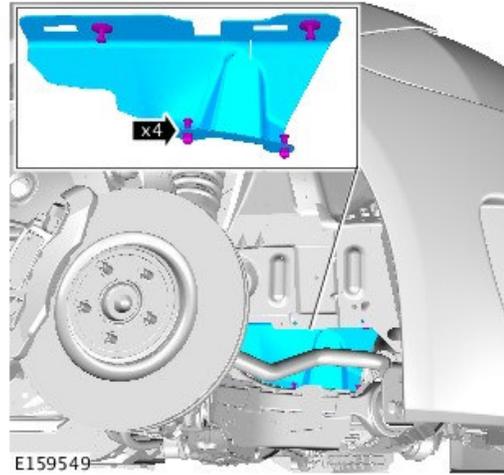


15. Tighten the A/C compressor rear fixing and LH engine mount lower fixings.

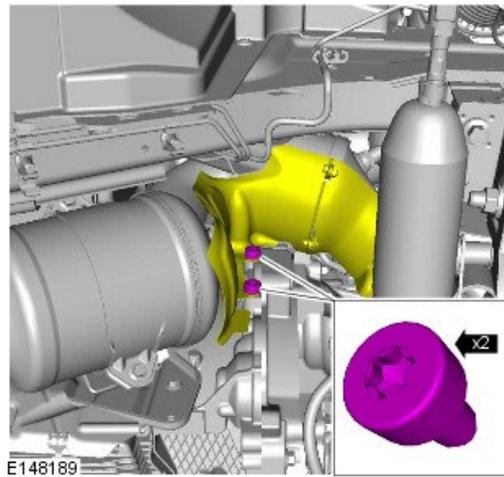
1. A/C compressor: 21Nm.
2. Engine mount: 40Nm.



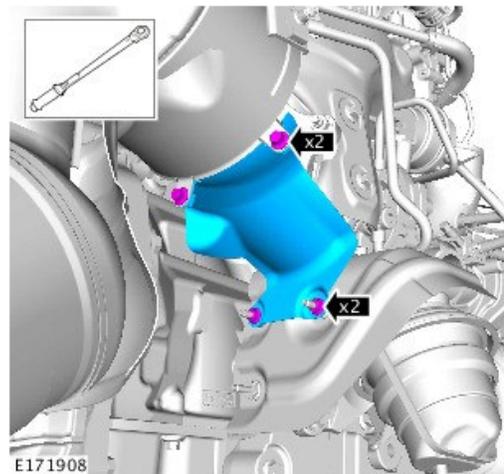
16. Remove the RH side lower splash shield for access.



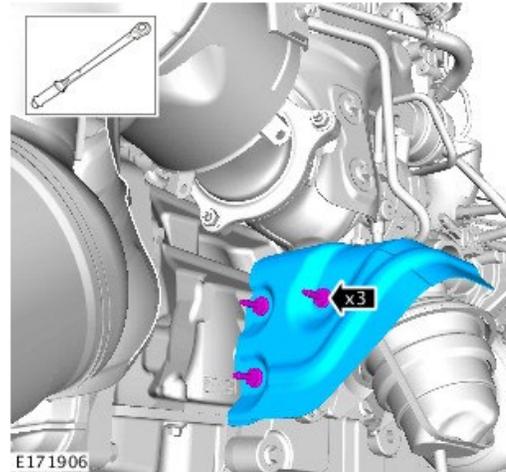
17. Loosen but do not fully remove the catalytic converter heat shield fixings.



18. Remove the turbocharger heat shield.

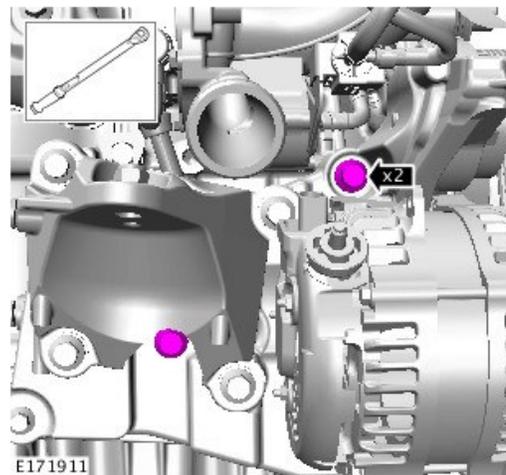


19. Remove the RH engine mount heat shield.



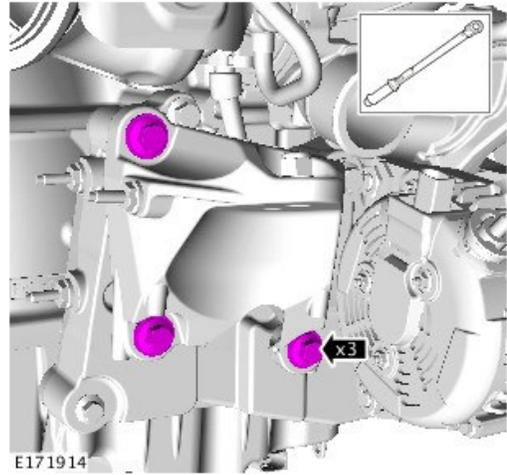
20. Tighten the generator bracket upper fixings.

1. Torque: 40Nm



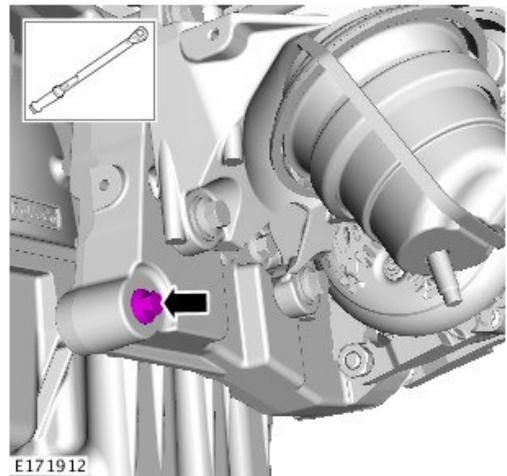
21. Tighten the RH engine mount lower fixings.

1. Torque: 40Nm



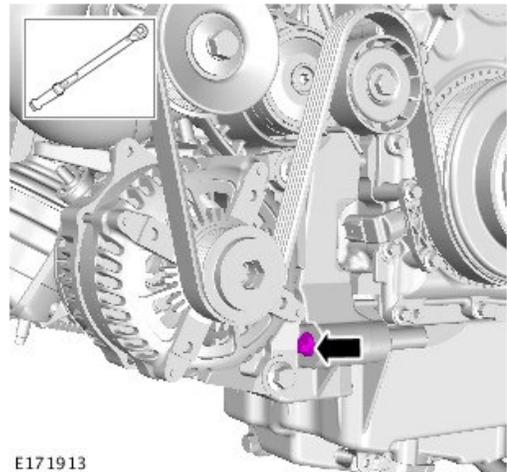
22. Tighten the generator bracket lower fixing.

1. Torque: 21Nm



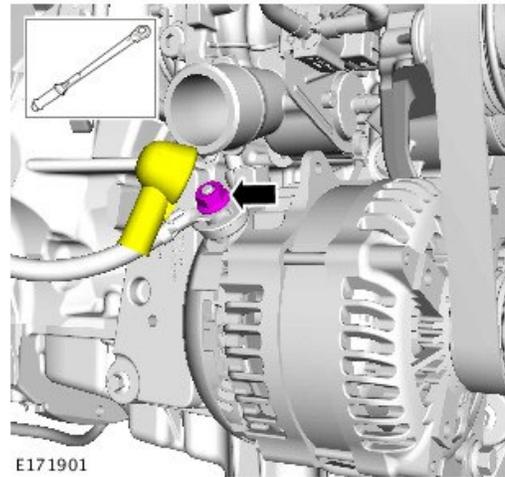
23. Tighten the generator bracket front fixing.

1. Torque: 21Nm



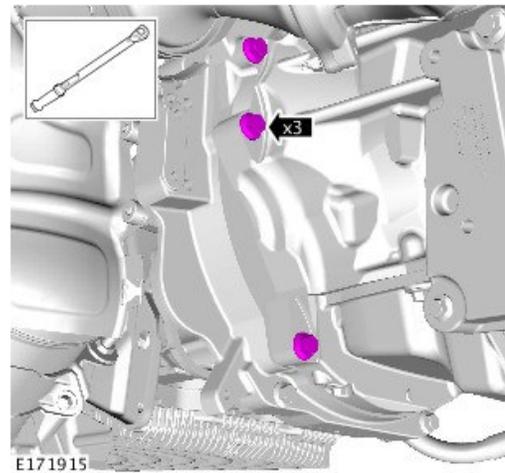
24. Check the generator battery positive cable is secure and positioned correctly.

1. Tighten the generator battery positive cable fixing.
2. Torque: 9Nm



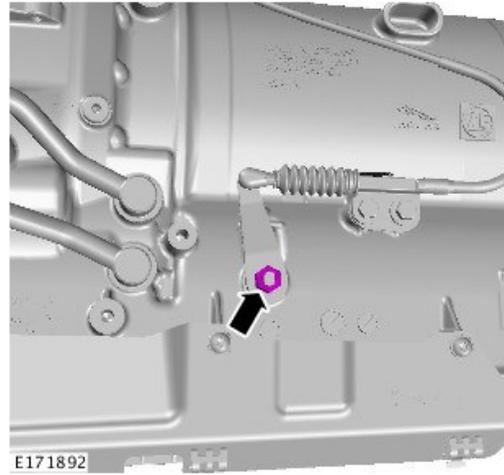
25. Tighten the transmission fixings.

1. Torque: 40Nm



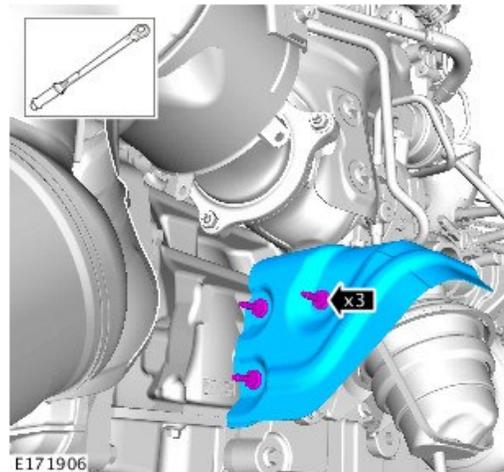
26. Tighten the transmission Emergency Park Release (EPR) fixing.

1. Torque: 10Nm



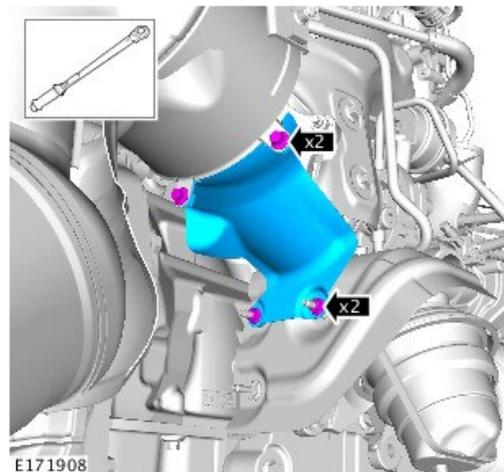
27. Install the RH engine mount heat shield.

1. Torque: 11Nm



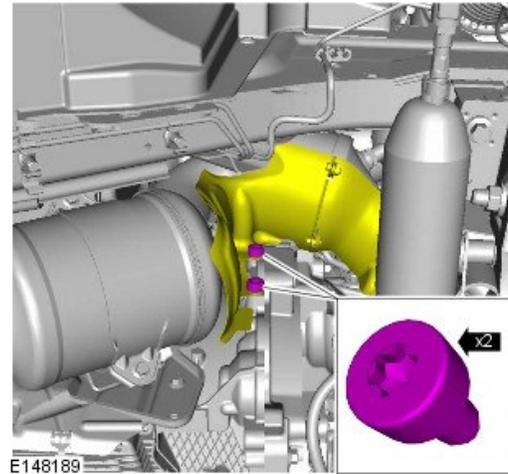
28. Install the turbocharger lower heat shield.

1. Torque: 11Nm



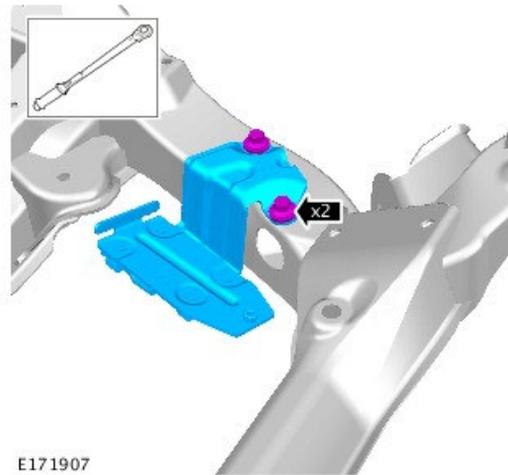
29. Tighten the catalytic converter heat shield fixings.

1. Torque: 35Nm



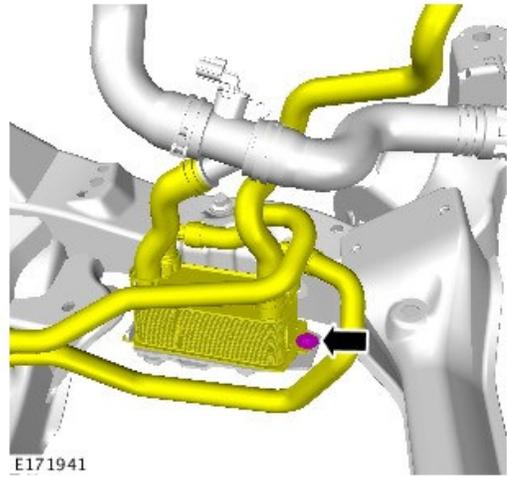
30. Install the transmission oil cooler bracket.

1. Torque: 25Nm



31. Install the transmission oil cooler.

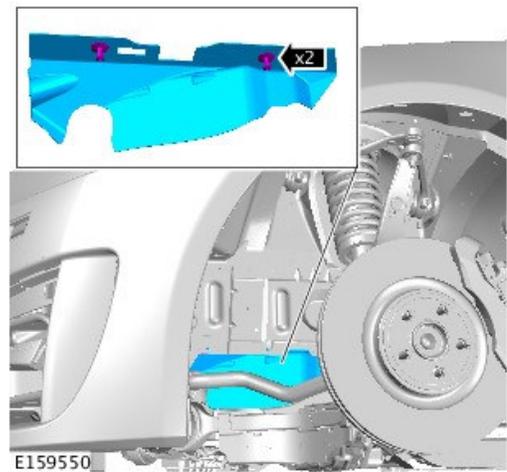
1. Torque: 5Nm



32. Install the RH side lower splash shield.



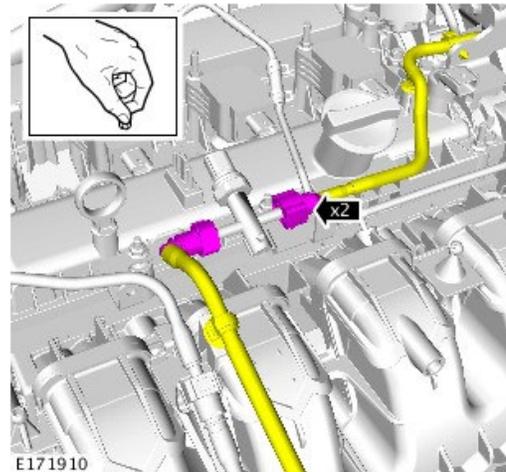
33. Install the LH side lower splash shield.



34. Install the Air deflector (see TOPIx Workshop Manual, section 501-02).

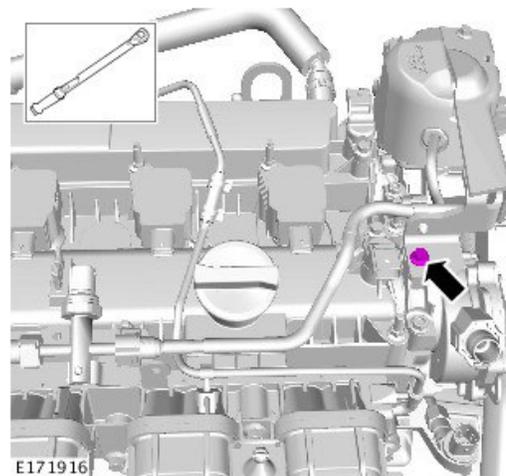
35. Lower the vehicle.

36. Check the fuel line connections are secure.



37. Tighten the high pressure fuel pump protection bracket fixing.

1. Torque: 8Nm



38. Install the engine cover (see TOPIx Workshop Manual, section 501-05).

39. Connect the battery ground cable (see TOPIx Workshop Manual, section 414-01).

SERVICE INSTRUCTION 'B':

All Vehicles Except 2.0L



NOTE: Illustrations may show components removed for clarity.

1. Disconnect the battery ground cable (see TOPIx Workshop Manual, section 414-01).

3.0L V6 Supercharged Petrol F-TYPE Only

2. Remove the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12A).
3. Remove the air cleaner outlet intermediate pipe LH (see TOPIx Workshop Manual, section 303-12A).
4. Remove the air cleaner outlet intermediate pipe RH (see TOPIx Workshop Manual, section 303-12A).

5.0L V8 Supercharged Petrol F-TYPE Only

5. Remove the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12B).
6. Remove the air cleaner outlet intermediate pipe LH (see TOPIx Workshop Manual, section 303-12B).
7. Remove the air cleaner outlet intermediate pipe RH (see TOPIx Workshop Manual, section 303-12B).

3.0L V6 Supercharged Petrol XF Only

8. Remove the air cleaner LH (see TOPIx Workshop Manual, section 303-12D).
9. Remove the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12D).
10. Remove the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12D).

5.0L V8 Supercharged Petrol XF Only

11. Remove the air cleaner LH (see TOPIx Workshop Manual, section 303-12C).
12. Remove the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12C).
13. Remove the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12C).

3.0L V6 Supercharged Petrol XJ Only

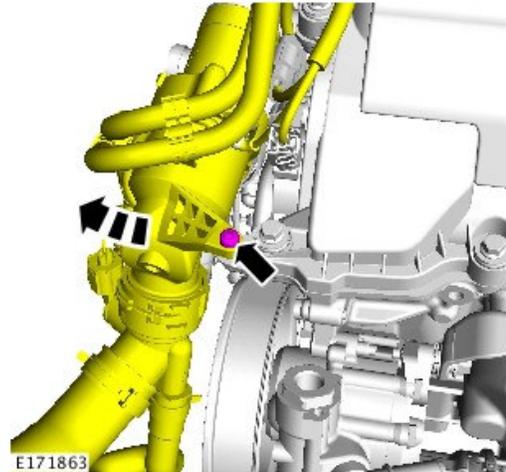
14. Remove the air cleaner LH (see TOPIx Workshop Manual, section 303-12C).
15. Remove the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12C).
16. Remove the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12C).

5.0L V8 Supercharged XJ Only

17. Remove the air cleaner LH (see TOPIx Workshop Manual, section 303-12B).
18. Remove the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12B).
19. Remove the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12B).

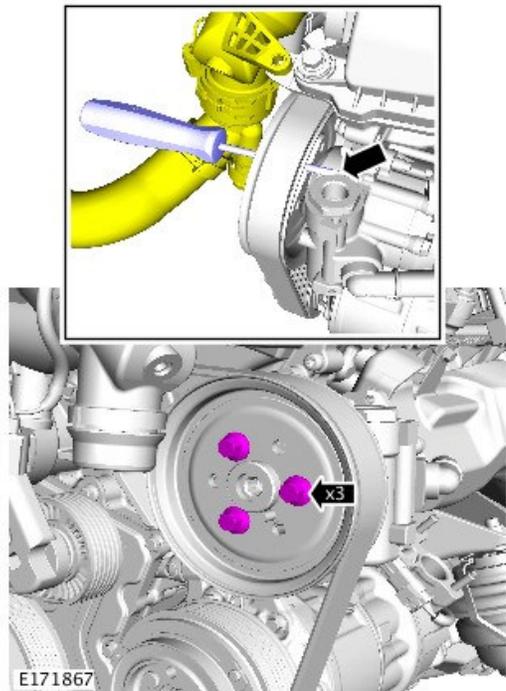
All 3.0L V6 Supercharged, 5.0L V8 Supercharged

20. Release and carefully position aside the thermostat housing to gain access.



21. Using a suitable tool, lock the Power Assisted Steering (PAS) pulley as shown.

- Tighten the 3 PAS pulley fixings
- Torque: 21Nm



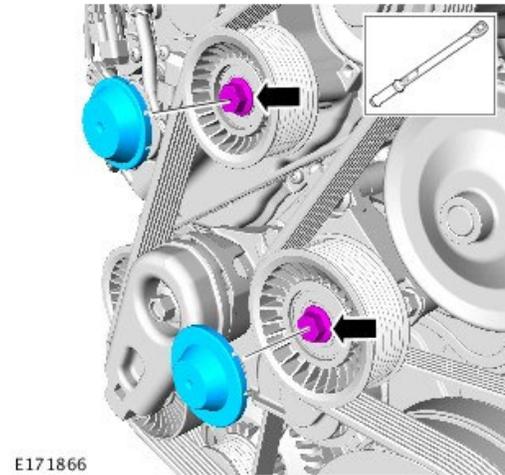
22. Install the thermostat housing.

- Torque: 10Nm

23. Using a suitable tool, remove the protective caps and tighten the Front End Accessory (FEAD) idler pulley fixings.

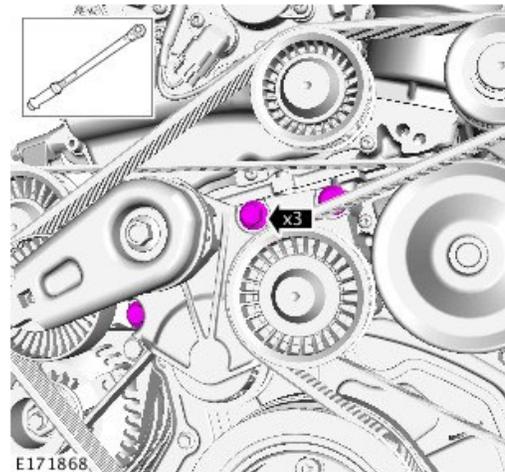
- Torque: 40Nm

- Install the protective caps



24. Tighten the supercharger tensioner bracket fixings.

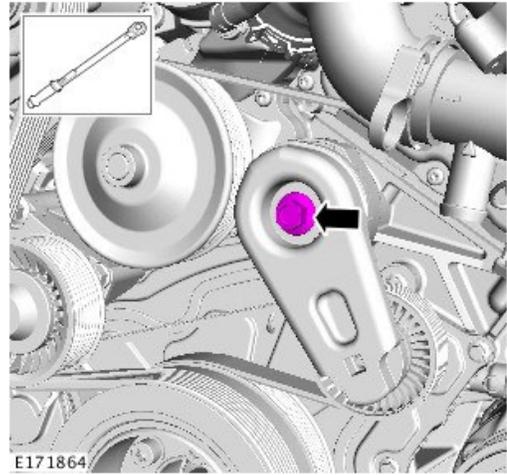
- Torque: 21Nm



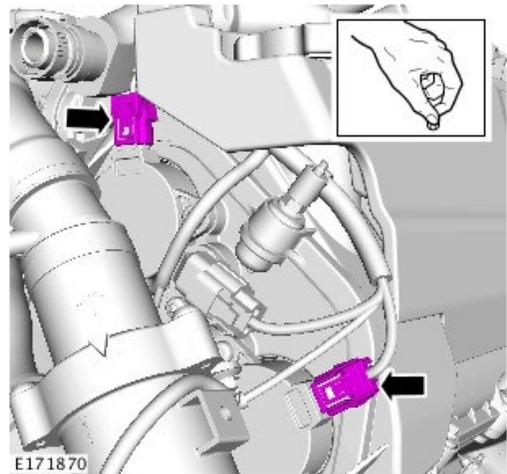
All 3.0L V6 Supercharged, 5.0L V8 Supercharged

25. Tighten the FEAD tensioner fixing.

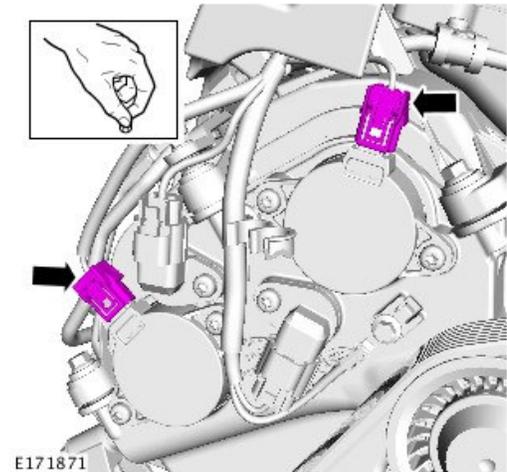
- Torque: 40Nm



26. Check the LHS Variable Camshaft Timing (VCT) solenoid electrical connectors are secure.



27. Check the RHS Variable Camshaft Timing (VCT) solenoid electrical connectors are secure.



3.0L V6 Supercharged Petrol F-TYPE Only

- 28. Install the air cleaner outlet intermediate pipe RH (see TOPIx Workshop Manual, section 303-12A).
- 29. Install the air cleaner outlet intermediate pipe LH (see TOPIx Workshop Manual, section 303-12A).
- 30. Install the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12A).

5.0L V8 Supercharged Petrol F-TYPE Only

- 31. Install the air cleaner outlet intermediate pipe RH (see TOPIx Workshop Manual, section 303-12B).
- 32. Install the air cleaner outlet intermediate pipe LH (see TOPIx Workshop Manual, section 303-12B).
- 33. Install the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12B).

3.0L V6 Supercharged Petrol XF Only

- 34. Install the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12D).
- 35. Install the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12D).
- 36. Install the air cleaner LH (see TOPIx Workshop Manual, section 303-12D).

5.0L V8 Supercharged Petrol XF Only

- 37. Install the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12C).
- 38. Install the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12C).
- 39. Install the air cleaner LH (see TOPIx Workshop Manual, section 303-12C).

3.0L V6 Supercharged Petrol XJ Only

- 40. Install the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12C).
- 41. Install the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12C).
- 42. Install the air cleaner LH (see TOPIx Workshop Manual, section 303-12C).

5.0L V8 Supercharged XJ Only

- 43. Install the air cleaner outlet pipe LH (see TOPIx Workshop Manual, section 303-12B).
- 44. Install the air cleaner outlet pipe T-connector (see TOPIx Workshop Manual, section 303-12B).
- 45. Install the air cleaner LH (see TOPIx Workshop Manual, section 303-12B).

All 3.0L V6 Supercharged, 5.0L V8 Supercharged

46.  **WARNING: Make sure to support the vehicle with axle stands.**

Raise and support the vehicle (see TOPIx Workshop Manual, section 100-02).

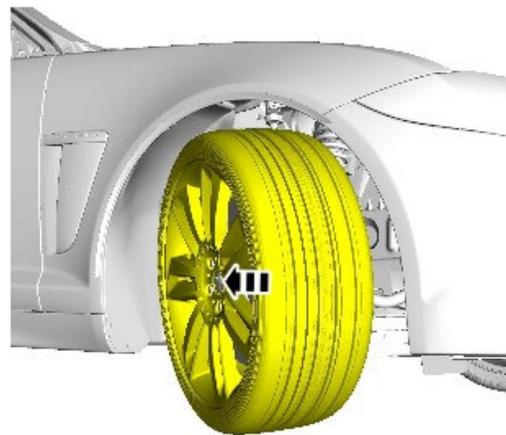
47. Remove the engine under tray (see TOPIx Workshop Manual, section 501-02).

3.0L V6 Supercharged and 5.0L V8 Supercharged Petrol F-TYPE Only

48. Remove the radiator splash shield (see TOPIx Workshop Manual, section 501-02).

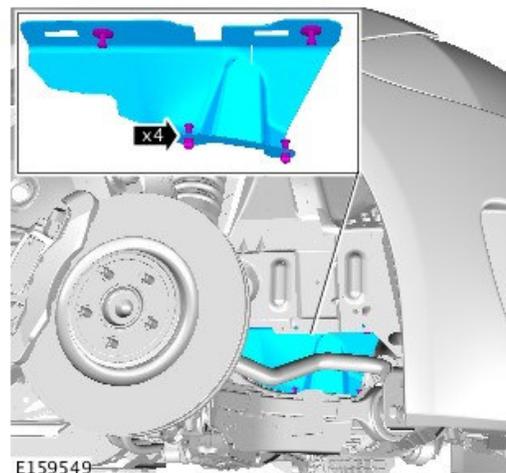
3.0L V6 Supercharged and 5.0L V8 Supercharged Petrol XF and 3.0L V6 Supercharged, 5.0L V8 Supercharged XJ Only

49. Turn the steering to gain access to the wheel arch area.



E171897

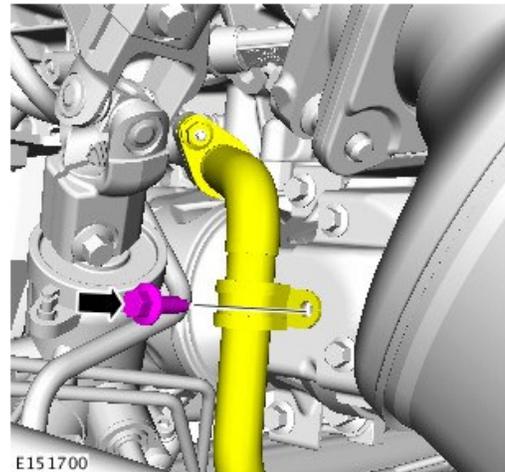
50. Remove the RH side lower splash shield.



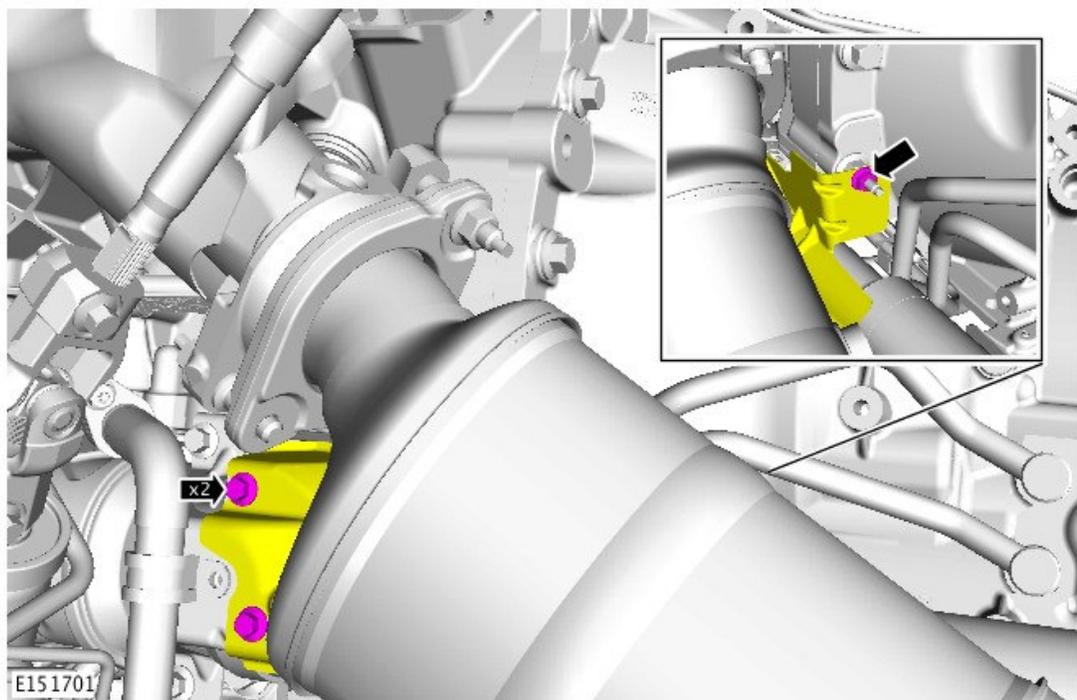
E159549

3.0L V6 Supercharged Petrol XF and XJ AWD Only

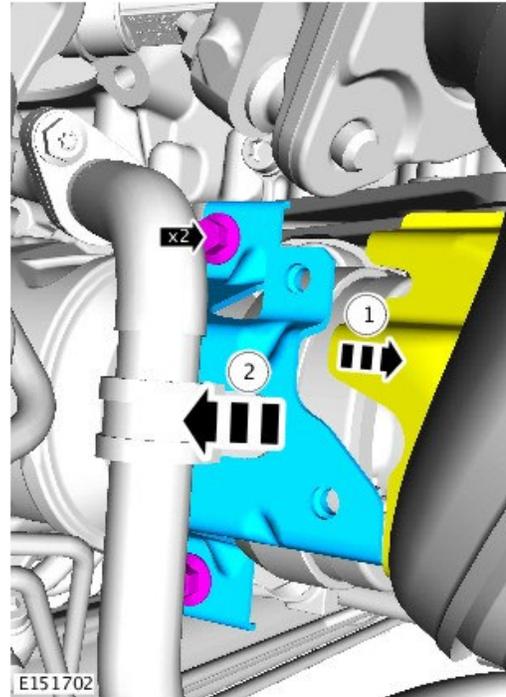
51. Release A/C pipe.



52. Release the front driveshaft heat shield.

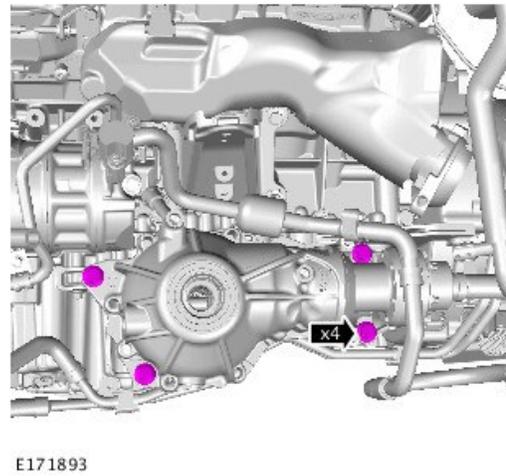


53. Remove the front driveshaft heat shield support bracket.



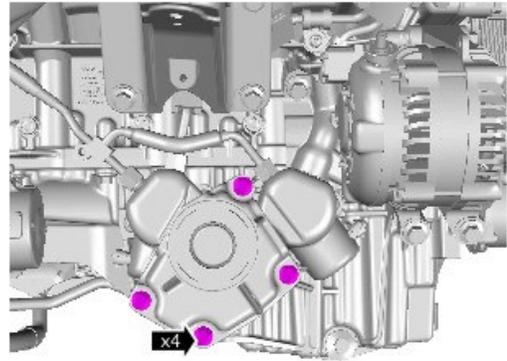
54. Tighten front differential fixings.

- Torque: 98Nm



55. Tighten the front halfshaft support bracket fixings.

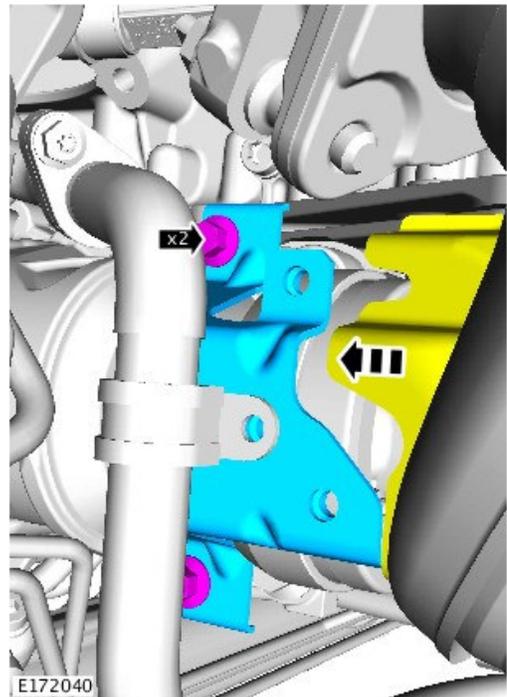
- Torque: 21Nm



E171894

56. Install the front driveshaft heat shield bracket.

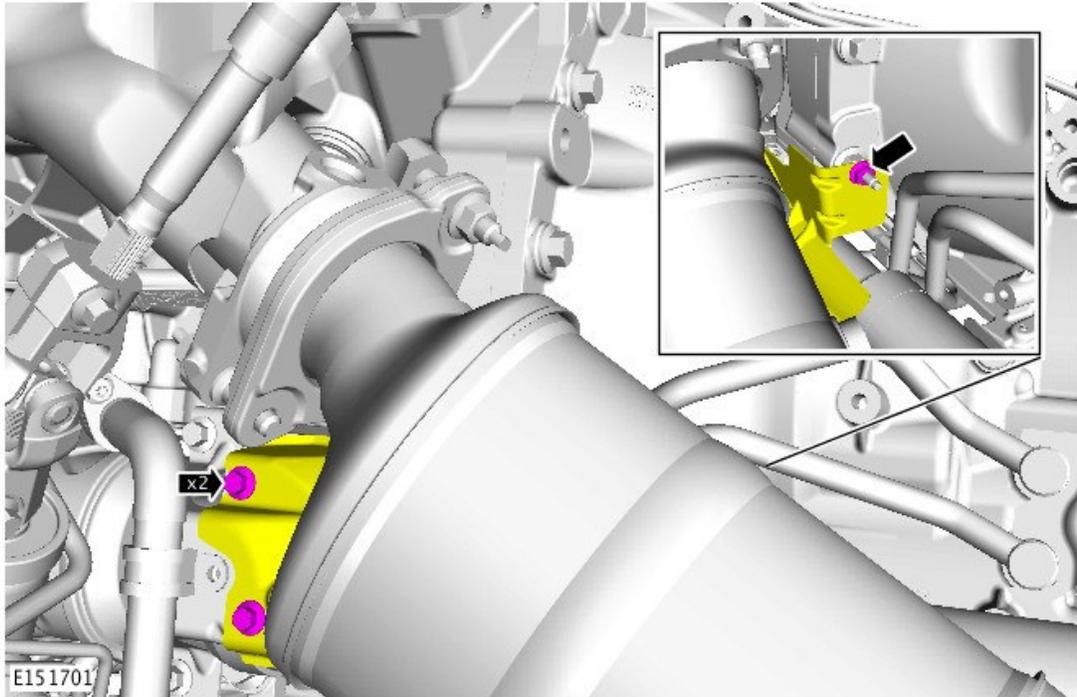
1. Torque 25Nm



E172040

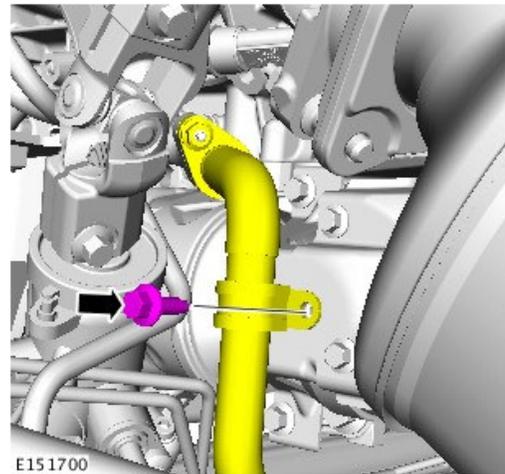
57. Install the front driveshaft heat shield.

1. Torque 9Nm



58. Install the A/C pipe.

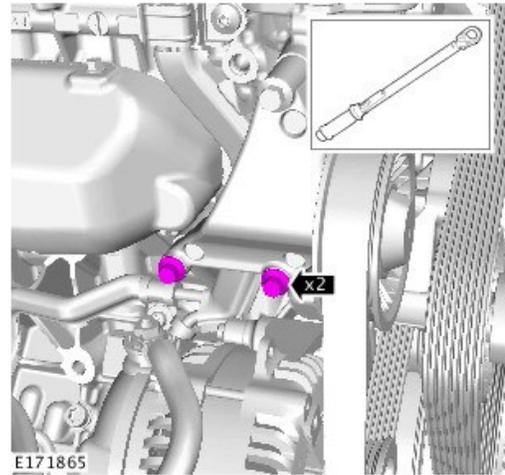
1. Torque 9Nm



All 3.0L V6 Supercharged, 5.0L V8 Supercharged

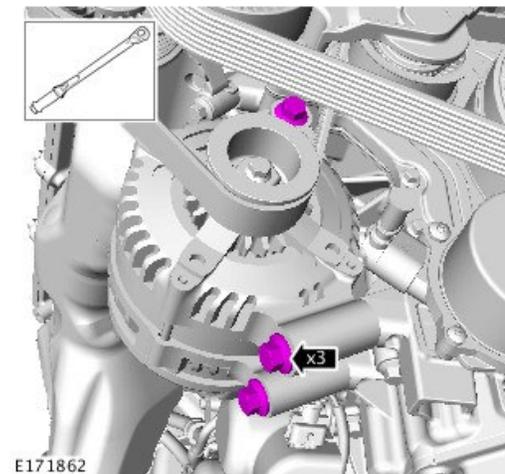
59. Tighten the FEAD idler pulley bracket fixings.

- Torque: 21Nm



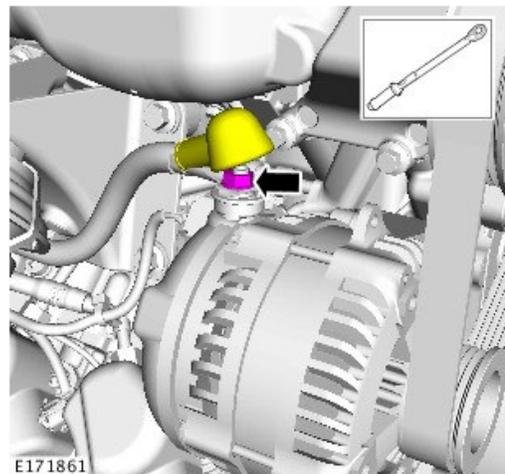
60. Tighten the generator fixings.

- Torque: 40Nm

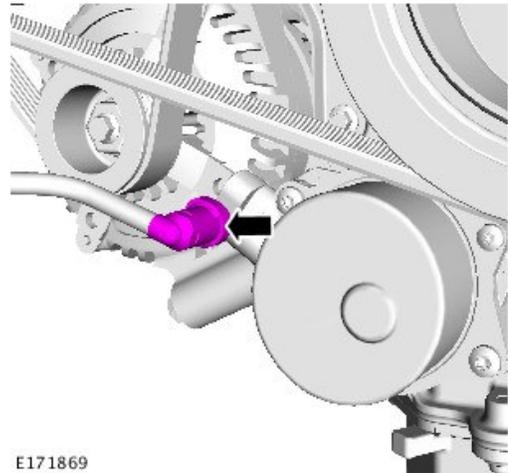


61. Check the generator battery positive cable is secure and positioned correctly.

1. Tighten the generator battery positive cable fixing.
2. Torque: 9Nm

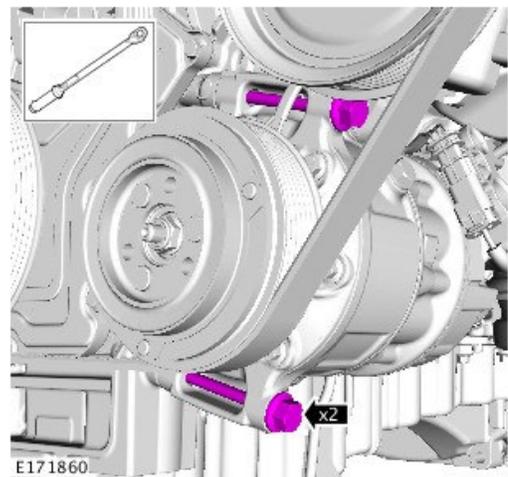


62. Check the brake vacuum pump hose connection is secure.



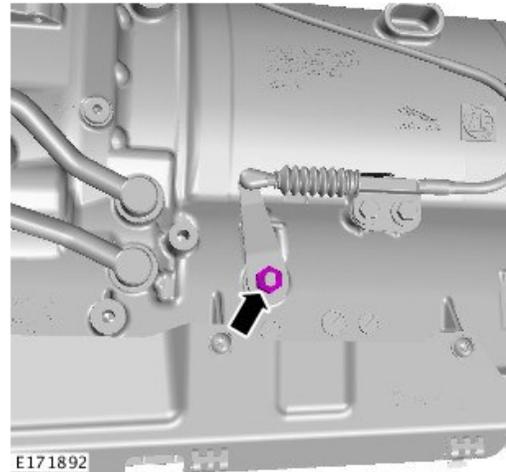
63. Tighten the A/C compressor front fixings.

- Torque: 21Nm



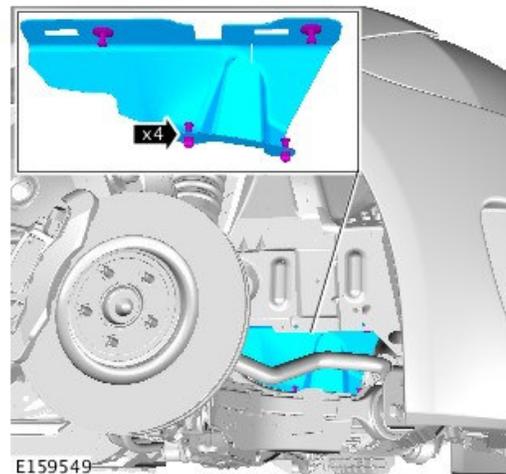
64. Tighten the transmission Emergency Park Release (EPR) fixing.

- Torque: 10Nm



3.0L V6 Supercharged and 5.0L V8 Supercharged XF and 3.0L V6 Supercharged, 5.0L V8 Supercharged XJ Only

65. Install the RH side lower splash shield.



All 3.0L V6 Supercharged, 5.0L V8 Supercharged

66. Install the engine under tray (see TOPIx Workshop Manual, section 501-02).

3.0L V6 Supercharged and 5.0L V8 Supercharged Petrol F-TYPE Only

67. Install the radiator splash shield (see TOPIx Workshop Manual, section 501-02).

All 3.0L V6 Supercharged, 5.0L V8 Supercharged

68. Lower the vehicle.

69. Connect the battery ground cable (see TOPIx Workshop Manual, section 414-01).