

LUBRICATION SYSTEM

ON-VEHICLE INSPECTION

1. CHECK ENGINE OIL LEVEL

- (a) After warm up the engine and then 5 minutes after the engine stop, oil level should be between the low level and full level marks of the dipstick.
If low, check for leakage and add oil up to the full level mark.

NOTICE:

Do not fill with engine oil above the full level mark.

2. CHECK ENGINE OIL QUALITY

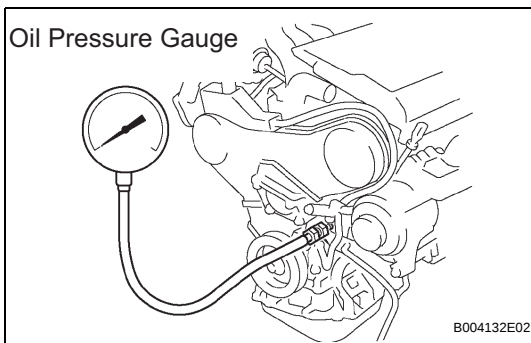
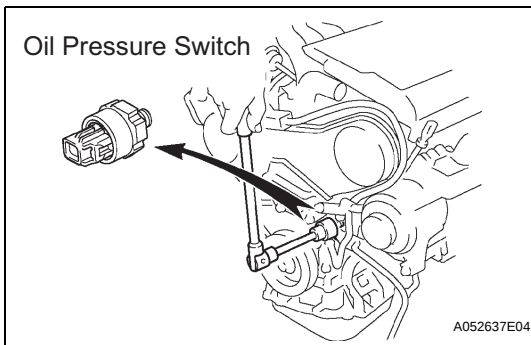
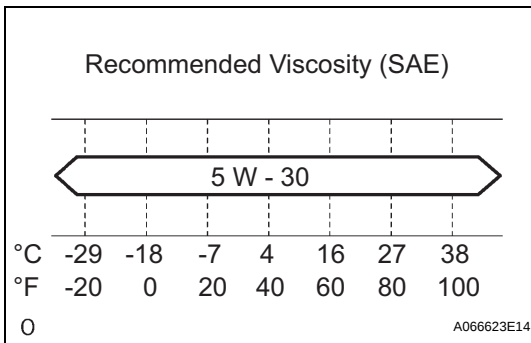
- (a) Check the oil for deterioration, entry of water, discoloring or thinning.
If the quality is visibly poor, replace the oil.

Oil grade:

ILSAC multigrade engine oil. Recommended viscosity is as shown in the illustration.

3. REMOVE OIL PRESSURE SWITCH ASSEMBLY

- (a) Disconnect the oil pressure switch connector.
- (b) Using a 24 mm deep socket wrench, remove the oil pressure switch.



4. INSTALL OIL PRESSURE GAUGE

- (a) Install the oil pressure gauge.

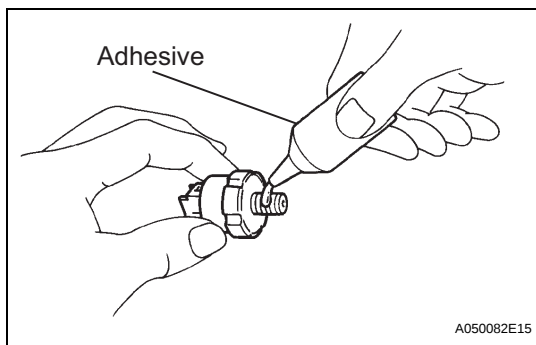
5. WARM UP ENGINE

6. CHECK OIL PRESSURE

Oil pressure

Item	Oil Pressure
At Idle	29 kPa (0.3 kgf/cm ² , 4.3 psi) or more
At 3,000 rpm	245 to 539 kPa (2.5 to 5.5 kgf/cm ² , 36 to 78 psi)

7. REMOVE OIL PRESSURE GAUGE

**8. INSTALL OIL PRESSURE SWITCH ASSEMBLY**

- (a) Apply adhesive to 2 or 3 threads of the oil pressure switch.

Adhesive:

Part No. 08833-00080, THREE BOND 1344, LOCTITE 242 or equivalent

- (b) Using a 24 mm deep socket wrench, install the oil pressure switch.

Torque: 15 N*m (153 kgf*cm, 11 ft.*lbf)

NOTICE:

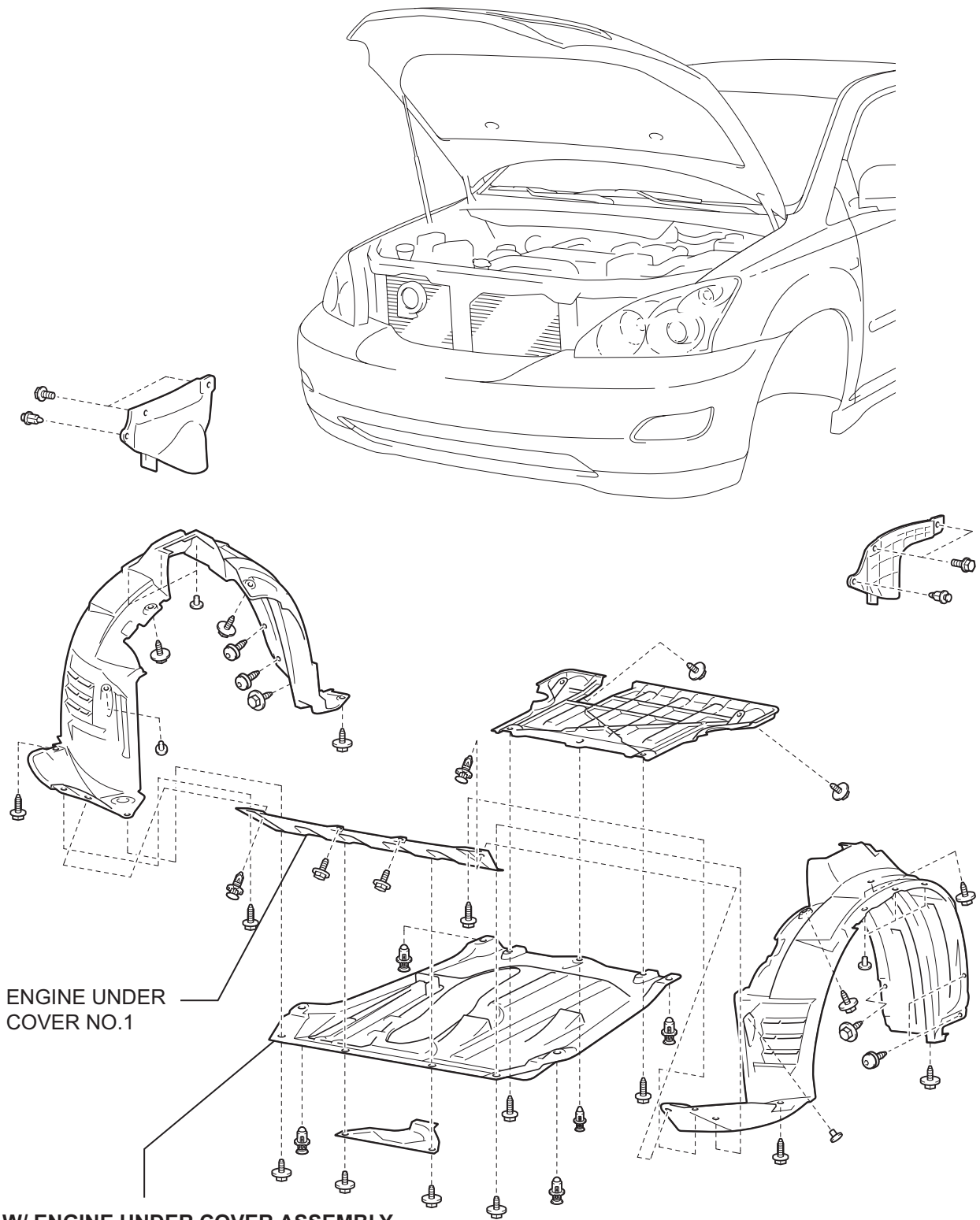
Do not start the engine within 1 hour of installation.

- (c) Connect the oil pressure switch connector.

9. START ENGINE AND CHECK FOR LEAKS

OIL FILTER

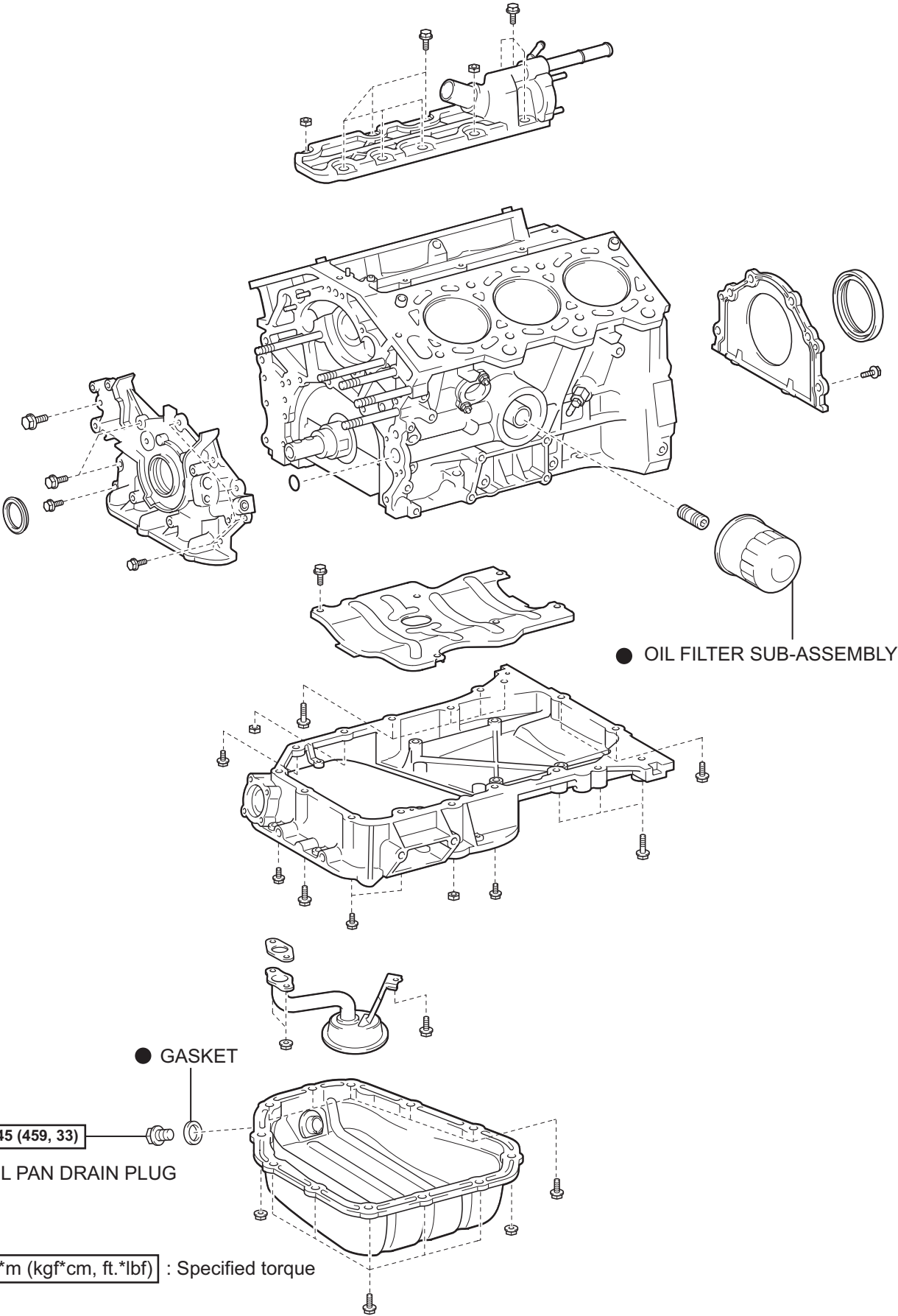
COMPONENTS



ENGINE UNDER
COVER NO.1

W/ ENGINE UNDER COVER ASSEMBLY

ENGINE UNDER COVER ASSEMBLY



LU

REPLACEMENT

CAUTION:

- Prolonged and repeated contact with engine oil will result in the removal of natural oils from the skin, leading to dryness, irritation and dermatitis. In addition, used engine oil contains potentially harmful contaminants which may cause skin cancer.
- Precautions should be taken when replacing engine oil to minimize the risk of your skin making contact with used engine oil. Wear protective clothing and gloves. Wash your skin thoroughly with soap and water, or use water-less hand cleaner to remove any used engine oil. Do not use gasoline, thinners, or solvents.
- In order to preserve the environment, used oil and used oil filter must be disposed of at designated disposal sites.

1. REMOVE ENGINE UNDER COVER ASSEMBLY

- (a) W/ engine under cover assembly

2. REMOVE ENGINE UNDER COVER NO.1

3. DRAIN ENGINE OIL

- (a) Remove the oil filler cap.
(b) Remove the oil drain plug, and drain the oil into a container.
(c) Clean and install the oil drain plug with a new gasket.

Torque: 45 N*m (459 kgf*cm, 33 ft.*lbf)

4. REMOVE OIL FILTER SUB-ASSEMBLY

- (a) Using SST, remove the oil filter.

SST 09228-07501

5. INSTALL OIL FILTER SUB-ASSEMBLY

- (a) Check and clean the oil filter installation surface.
(b) Apply clean engine oil to the gasket of a new oil filter.
(c) Lightly screw the oil filter into place, and tighten it until the gasket contacts the seat.

- (d) Using SST, tighten it an additional 3/4 turn.

SST 09228-07501

6. ADD ENGINE OIL

- (a) Fill with fresh engine oil.

Capacity:

Drain and refill w/ Oil filter change 4.7 liters:

5.0 US qts, 4.1 Imp. qts

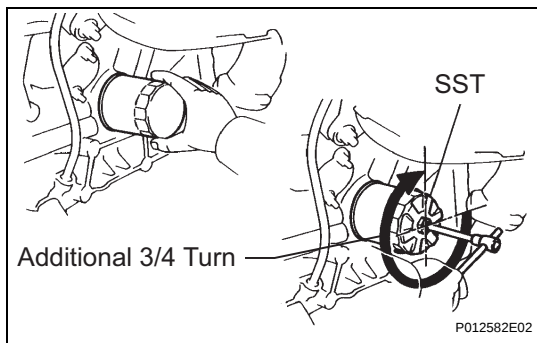
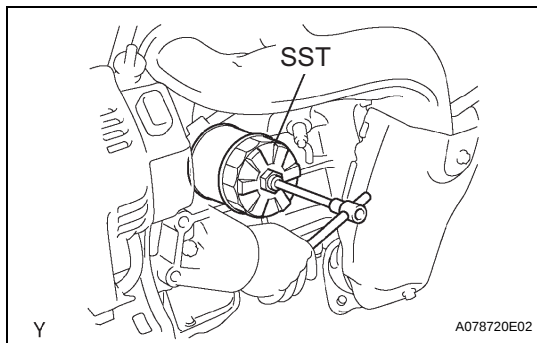
Drain and refill w/o Oil filter change 4.5 liters:

4.8 US qts, 4.0 Imp. qts

Dry fill 5.5 liters:

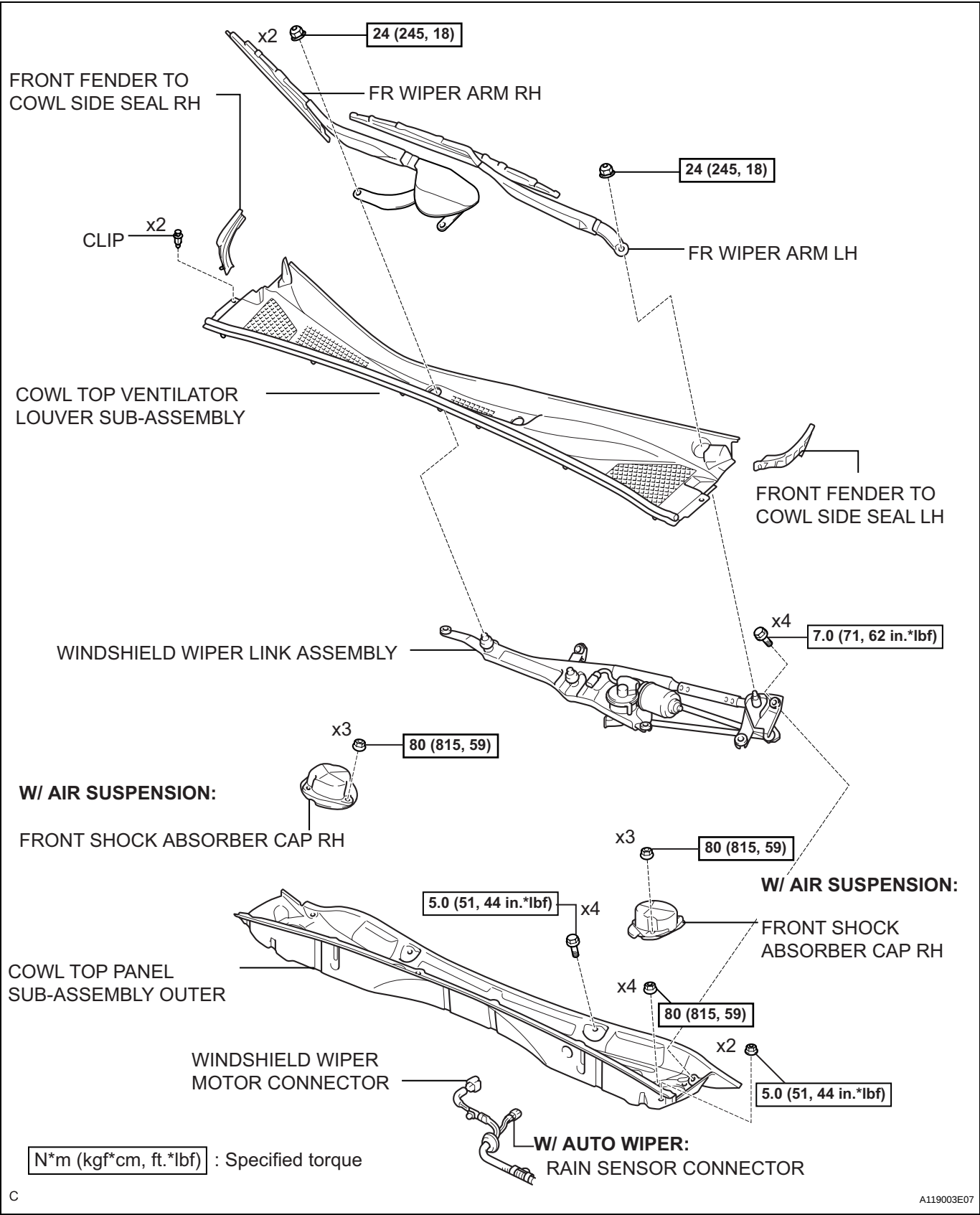
5.8 US qts, 4.8 Imp. qts

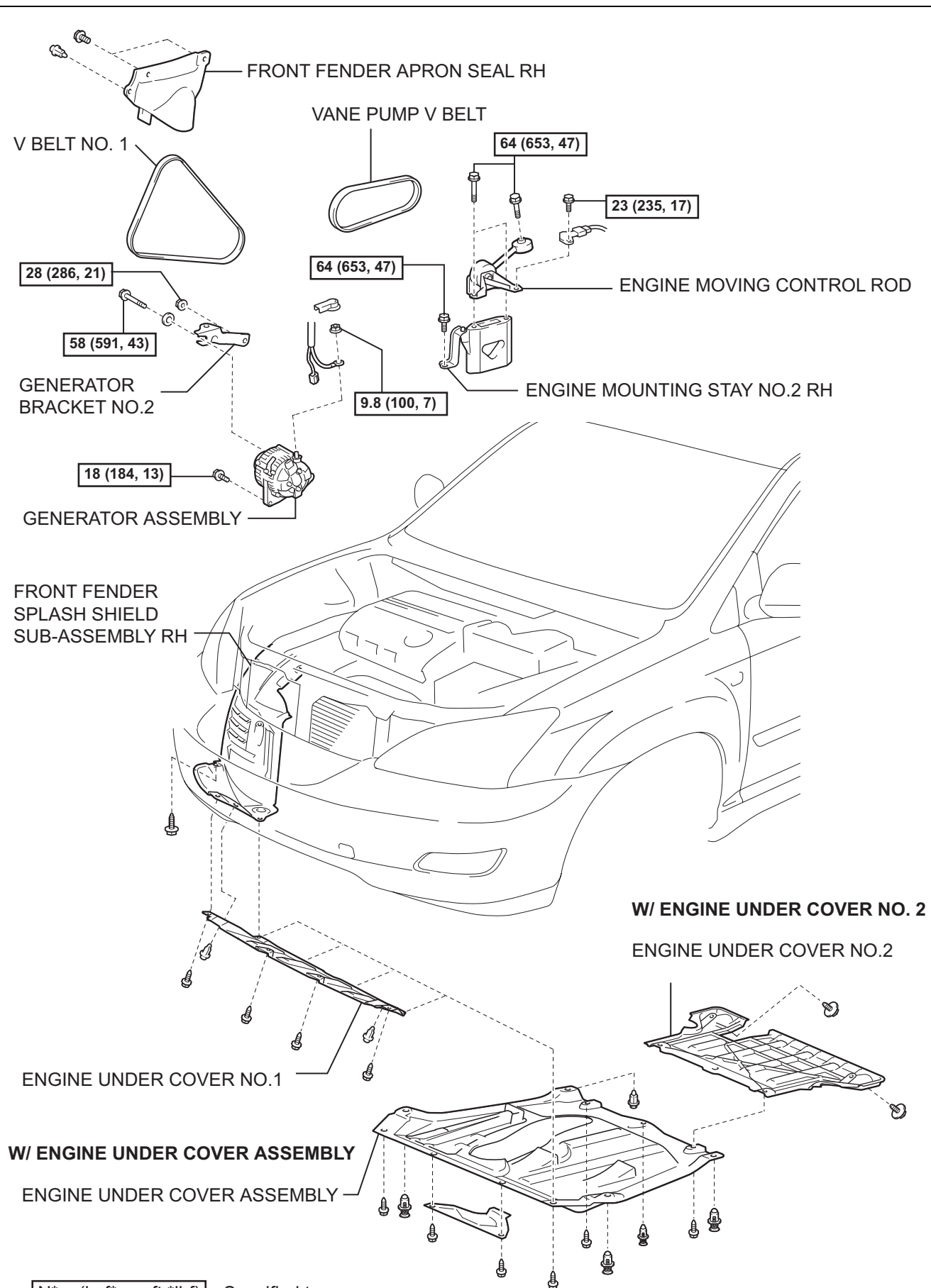
7. CHECK FOR ENGINE OIL LEAKS



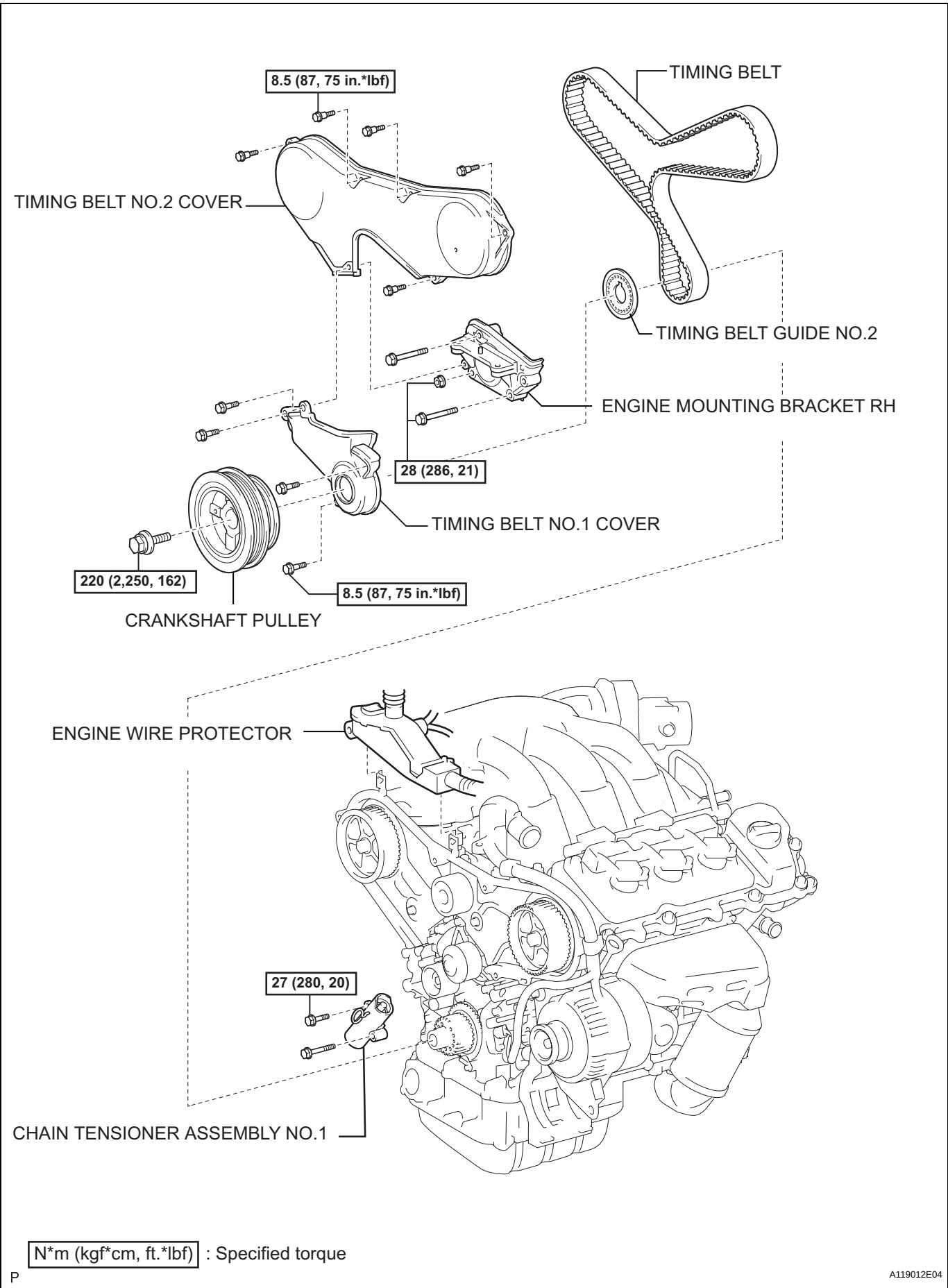
OIL PUMP

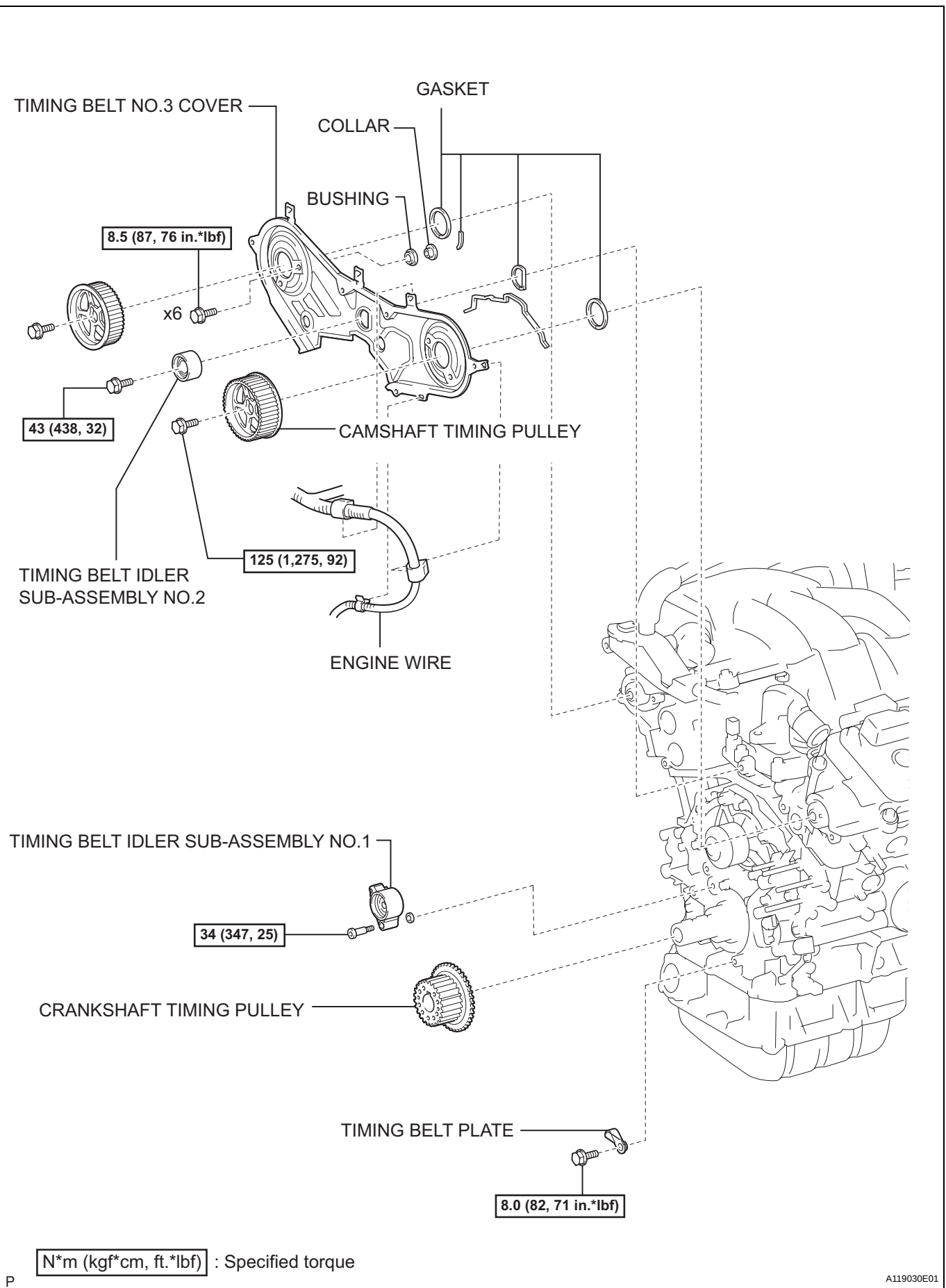
COMPONENTS

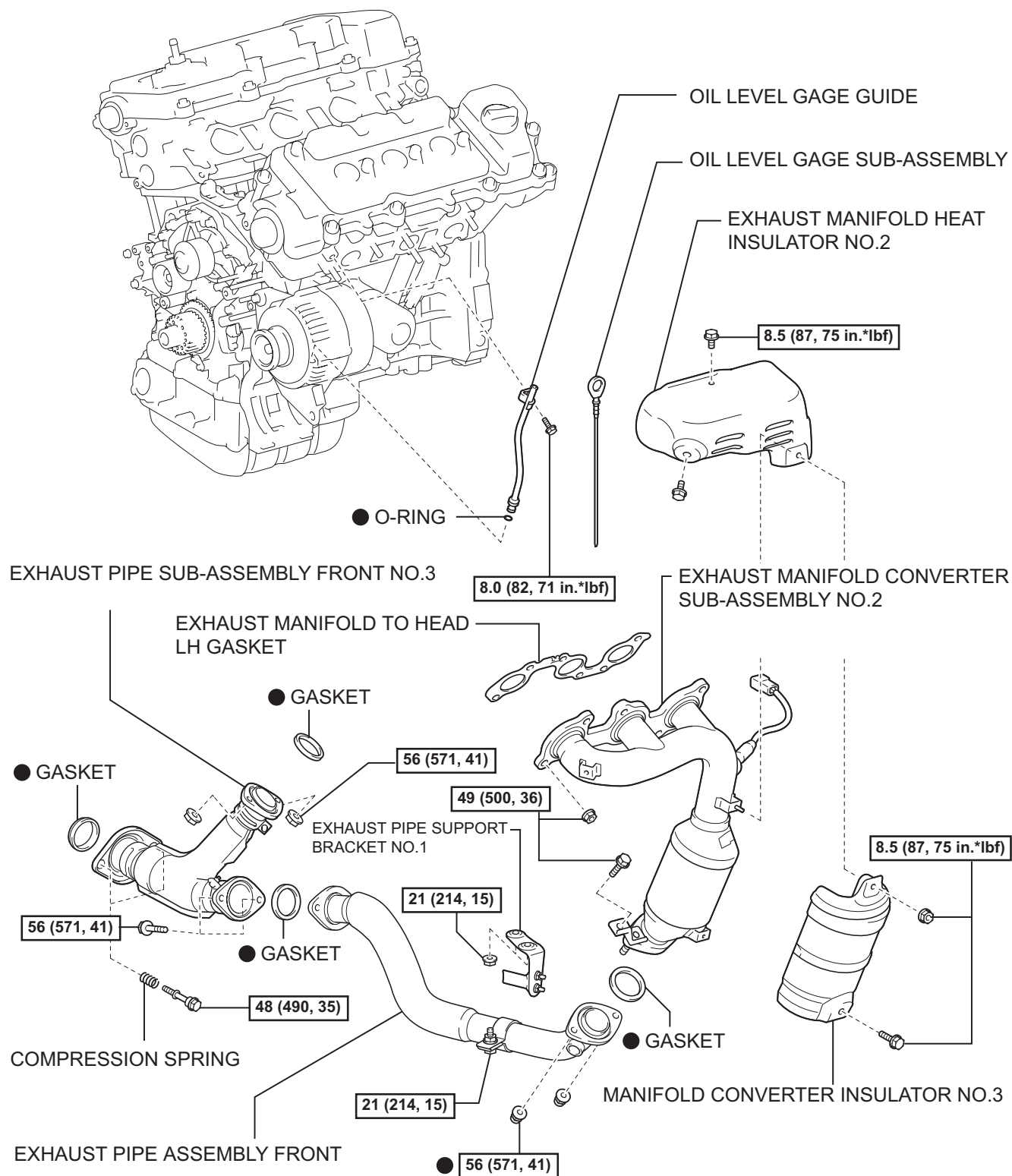




P $\boxed{\text{N}\cdot\text{m (kgf}\cdot\text{cm, ft.}\cdot\text{lbf)}} : \text{Specified torque}$

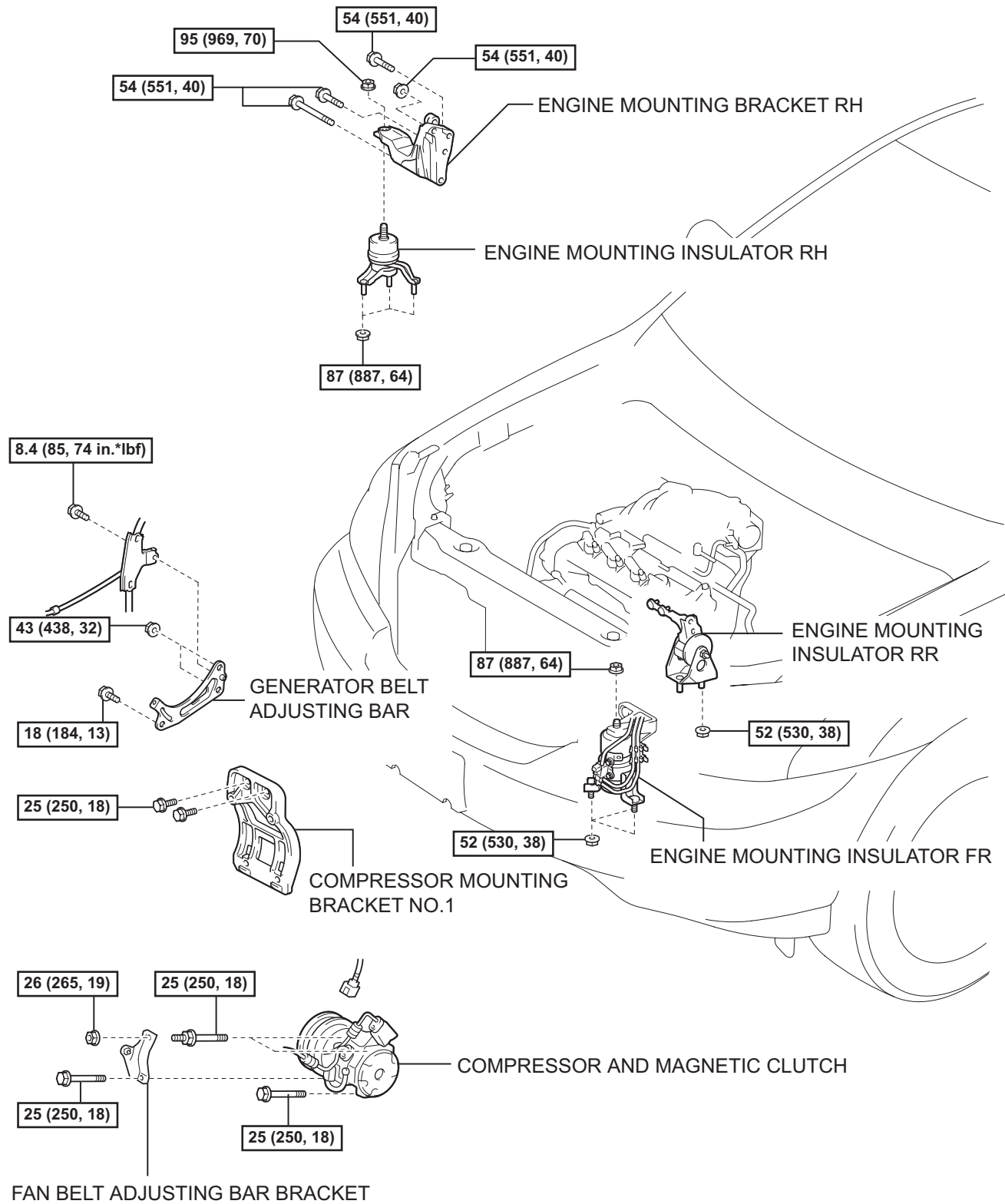






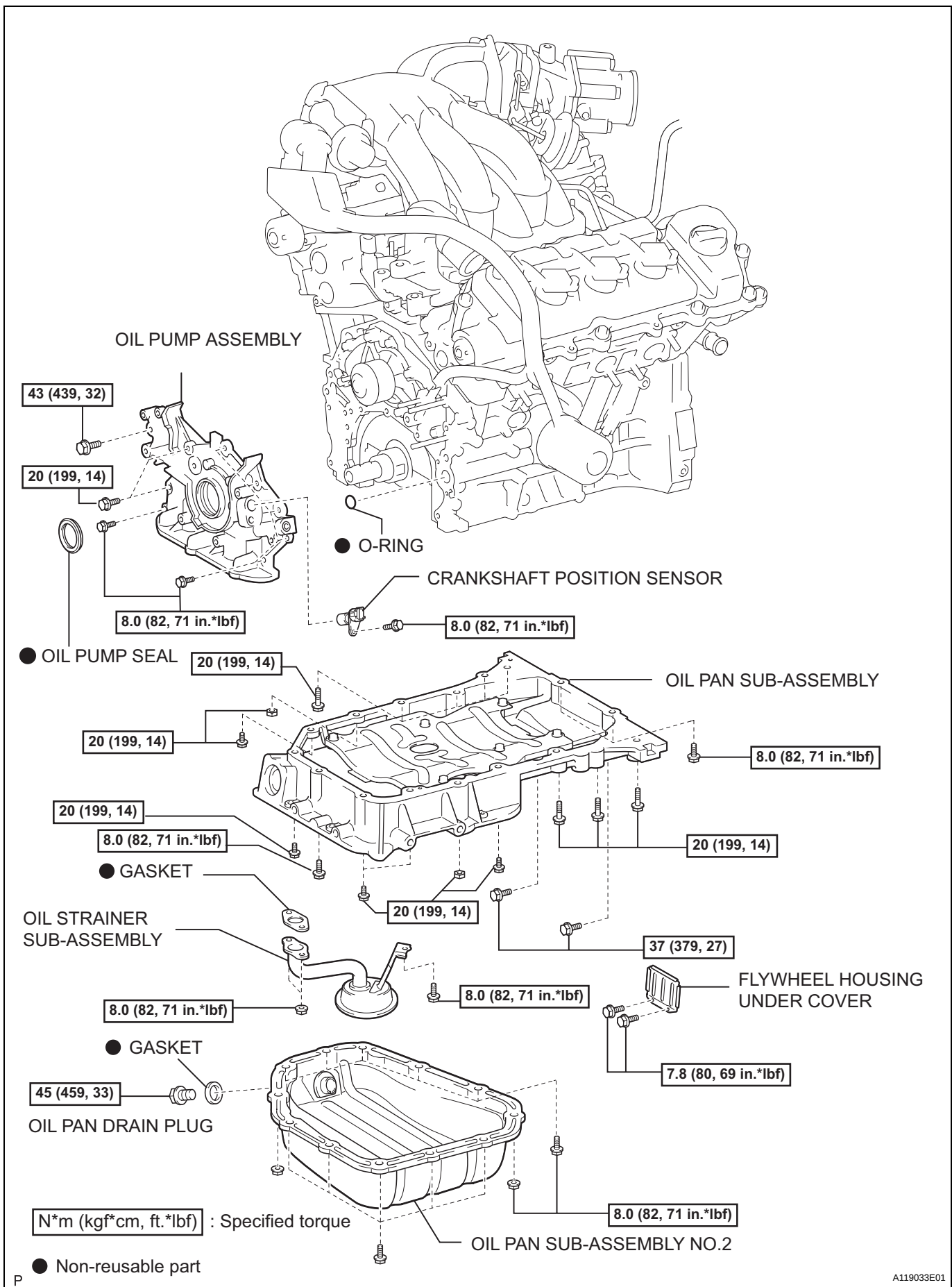
N*m (kgf*cm, ft.*lbf) : Specified torque

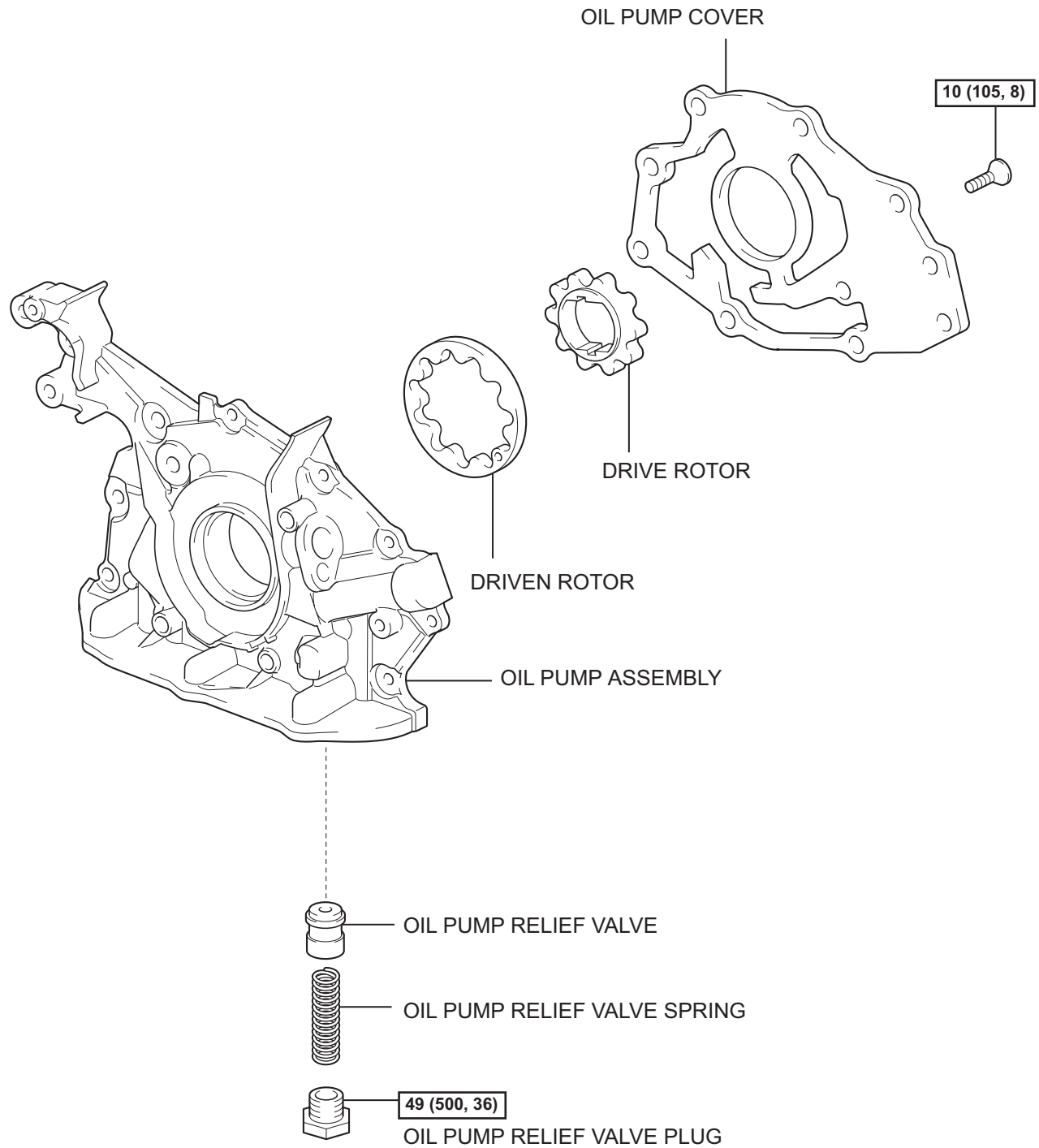
● Non-reusable part



N*m (kgf*cm, ft.*lbf) : Specified torque

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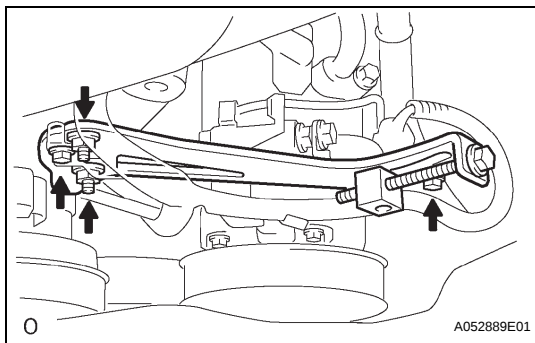
$\text{N}\cdot\text{m}$ ($\text{kgf}\cdot\text{cm}$, $\text{ft}\cdot\text{lbf}$) : Specified torque

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REMOVAL

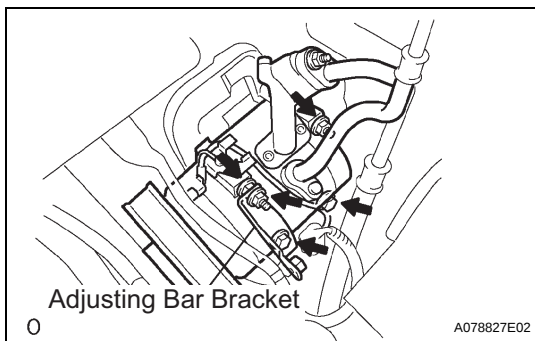
1. **REMOVE ENGINE UNDER COVER ASSEMBLY**
 - (a) W/ engine under cover assembly
2. **REMOVE ENGINE UNDER COVER NO.1**
3. **REMOVE ENGINE UNDER COVER NO.2**
 - (a) W/ engine under cover No. 2
4. **DRAIN ENGINE OIL (See page [LU-5](#))**
5. **REMOVE FRONT WHEEL RH**
6. **REMOVE FR WIPER ARM RH (See page [WW-37](#))**
7. **REMOVE FR WIPER ARM LH (See page [WW-37](#))**
8. **REMOVE COWL TOP VENTILATOR LOUVER SUB-ASSEMBLY (See page [WW-37](#))**
9. **REMOVE WINDSHIELD WIPER LINK ASSEMBLY (See page [WW-37](#))**
10. **REMOVE COWL TOP PANEL SUB-ASSEMBLY OUTER (See page [FU-10](#))**
11. **REMOVE FRONT FENDER APRON SEAL RH (See page [ES-368](#))**
12. **REMOVE V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1**
 - (a) Remove the V (cooler compressor to crankshaft pulley) belt No. 1 (See page [EM-6](#)).
13. **REMOVE GENERATOR ASSEMBLY**
 - (a) Remove the generator assembly (See page [CH-7](#)).
14. **REMOVE VANE PUMP V BELT**
 - (a) Remove the vane pump V belt (See page [EM-6](#)).
15. **REMOVE ENGINE MOVING CONTROL ROD**
 - (a) Remove the engine moving control rod (See page [EM-22](#)).
16. **REMOVE ENGINE MOUNTING STAY NO.2 RH**
 - (a) Remove the engine mounting stay No. 2 RH (See page [EM-22](#)).
17. **REMOVE GENERATOR BRACKET NO.2**
 - (a) Remove the generator bracket No. 2 (See page [EM-22](#)).
18. **REMOVE CRANKSHAFT PULLEY**
 - (a) Remove the crankshaft pulley (See page [EM-22](#)).
SST 09213-54015 (91651-60855), 09330-00021, 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05031)
19. **REMOVE TIMING BELT NO.1 COVER**
20. **REMOVE TIMING BELT NO.2 COVER**
 - (a) Remove the timing belt No. 2 cover (See page [EM-22](#)).

- 21. REMOVE ENGINE MOUNTING BRACKET RH**
 - (a) Remove the engine mounting bracket RH (See page [EM-22](#)).
- 22. REMOVE TIMING BELT GUIDE NO.2**
 - (a) Remove the timing belt guide No. 2 (See page [EM-22](#)).
- 23. REMOVE TIMING BELT**
 - (a) Remove the timing belt (See page [EM-22](#)).
- 24. REMOVE TIMING BELT IDLER SUB-ASSEMBLY NO.2**
- 25. REMOVE CAMSHAFT TIMING PULLEY**
 - (a) Remove the camshaft timing pulley (See page [EM-39](#)).
SST 09960-10010 (09962-01000, 09963-01000),
09249-63010
- 26. REMOVE TIMING BELT NO.3 COVER**
 - (a) Remove the timing belt No. 3 cover (See page [EM-39](#)).
- 27. REMOVE TIMING BELT IDLER SUB-ASSEMBLY NO.1**
(See page [CO-14](#))
- 28. REMOVE CRANKSHAFT TIMING PULLEY**
 - (a) Remove the crankshaft timing pulley (See page [EM-96](#)).
SST 09950-50013 (09951-05010, 09952-05010,
09953-05020, 09954-05011)
- 29. REMOVE EXHAUST PIPE SUB-ASSEMBLY FRONT NO.3** (See page [EX-5](#))
- 30. REMOVE EXHAUST PIPE ASSEMBLY FRONT** (See page [EX-5](#))
- 31. REMOVE EXHAUST PIPE SUPPORT BRACKET NO.1**
- 32. REMOVE MANIFOLD CONVERTER INSULATOR NO.3**
- 33. REMOVE EXHAUST MANIFOLD HEAT INSULATOR NO.2**
- 34. REMOVE EXHAUST MANIFOLD CONVERTER SUB-ASSEMBLY NO.2**
 - (a) Remove the exhaust manifold converter sub-assembly No. 2 (See page [EM-65](#)).
- 35. REMOVE OIL LEVEL GAGE GUIDE**
 - (a) Remove the oil level gage guide (See page [EM-65](#)).



36. REMOVE GENERATOR BELT ADJUSTING BAR

- (a) Remove the 2 bolts and 2 nuts, then remove the adjusting bar.



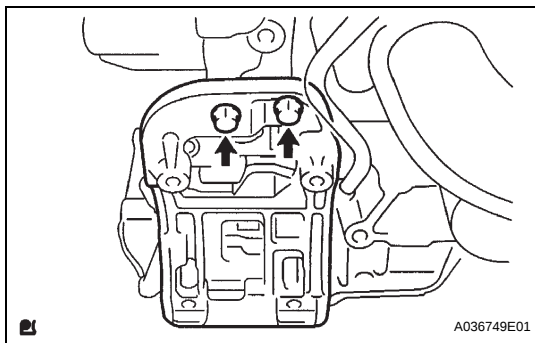
37. SEPARATE COMPRESSOR AND MAGNETIC CLUTCH

- (a) Remove the bolt and nut, then remove the adjusting bar bracket.

- (b) Remove the 3 bolts and the compressor.

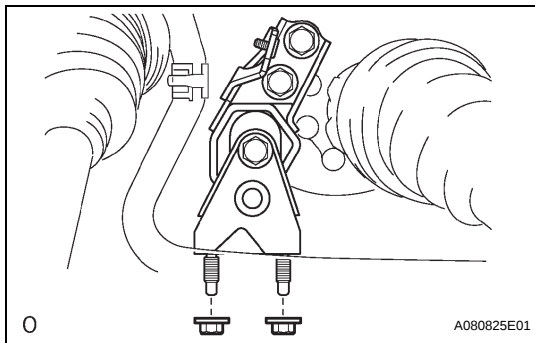
HINT:

Secure the hoses off to the side instead of detaching.



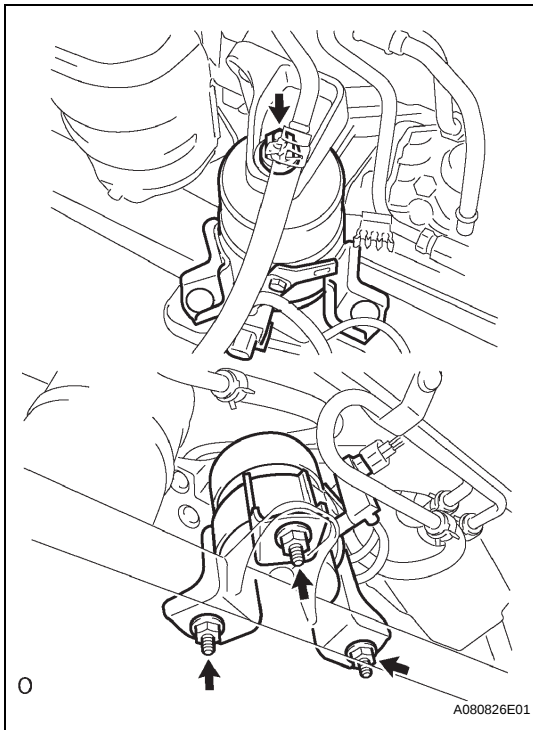
38. REMOVE COMPRESSOR MOUNTING BRACKET NO.1

- (a) Remove the 2 bolts and the compressor mounting bracket No. 1.



39. SEPARATE ENGINE MOUNTING INSULATOR RR

- (a) Remove the 2 nuts and separate the engine mounting insulator RR.

**40. SEPARATE ENGINE MOUNTING INSULATOR FR**

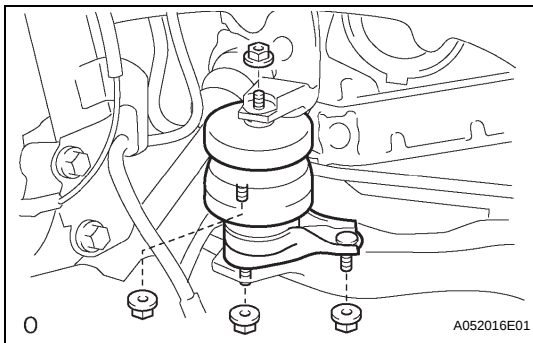
- (a) Remove the 4 nuts and separate the engine mounting insulator FR.

NOTICE:

Do not remove the engine mounting insulator FR.

41. REMOVE ENGINE MOUNTING INSULATOR RH

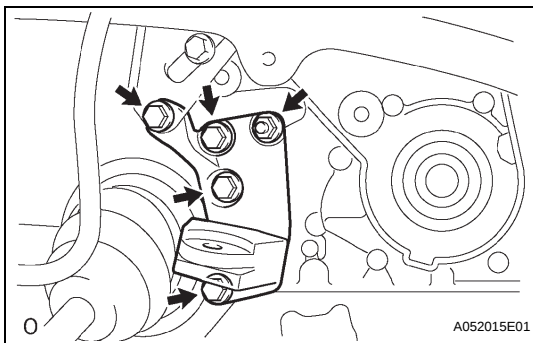
- (a) Remove the bolt and disconnect the power steering return hose clamp from the frame.



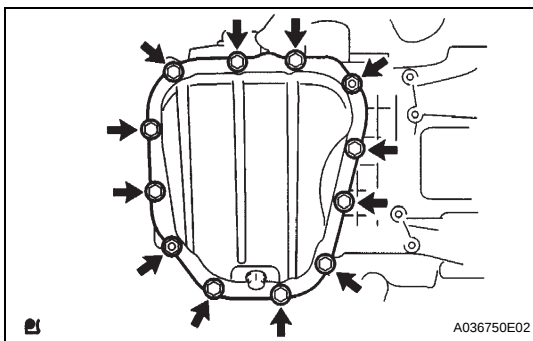
- (b) Remove the 4 nuts.
 (c) Place a wooden block on a jack underneath the engine.
 (d) Jack-up the engine and remove the engine mounting insulator RH.

NOTICE:

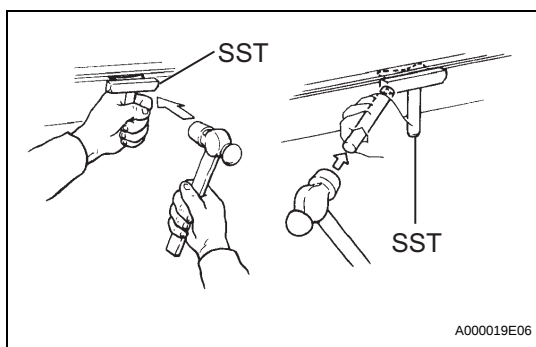
Be careful not to damage the oil pan.

**42. REMOVE ENGINE MOUNTING BRACKET RH**

- (a) Remove the 4 bolts and nut, then remove the bracket.

**43. REMOVE OIL PAN SUB-ASSEMBLY NO.2**

- (a) Remove the 10 bolts and 2 nuts.



- (b) Insert the blade of SST between oil pan No.1 and oil pan No.2, cut off the sealer and remove the oil pan No.2.

SST 09032-00100

NOTICE:

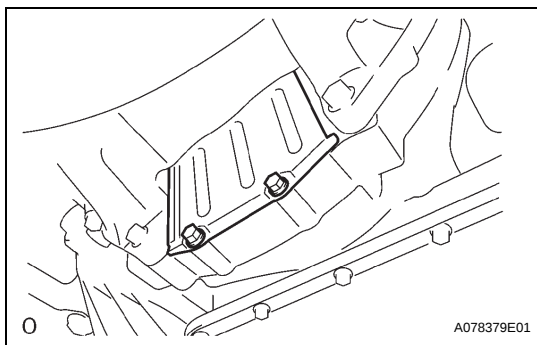
- Be careful not to damage the contact surface of oil pan No.1 where oil pan No.2 is mounted.
- Do not damage the flange portion of oil pan No.2 when removing.

44. REMOVE OIL STRAINER SUB-ASSEMBLY

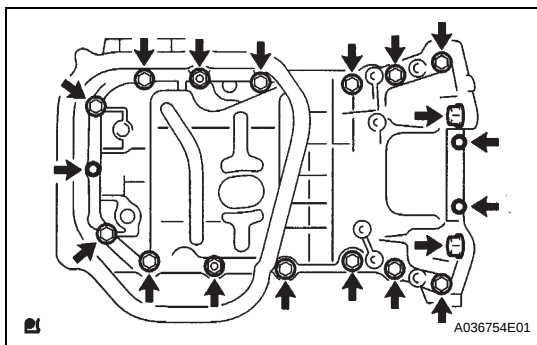
- (a) Remove the bolt and 2 nuts, and remove the oil strainer and the gasket.

45. REMOVE OIL PAN SUB-ASSEMBLY

- (a) Remove the 2 bolts and the flywheel housing under cover.



- (b) Loosen and remove the 17 bolts and 2 nuts uniformly.



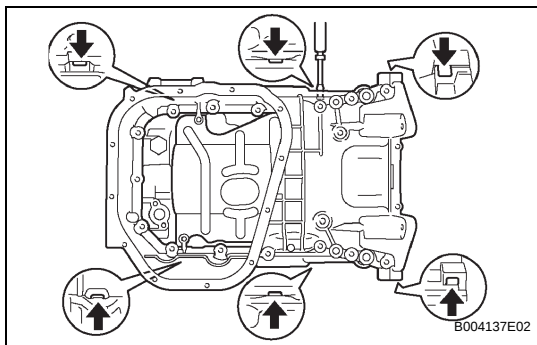
- (c) Using a screwdriver, remove the oil pan by prying between the cylinder block and the oil pan.

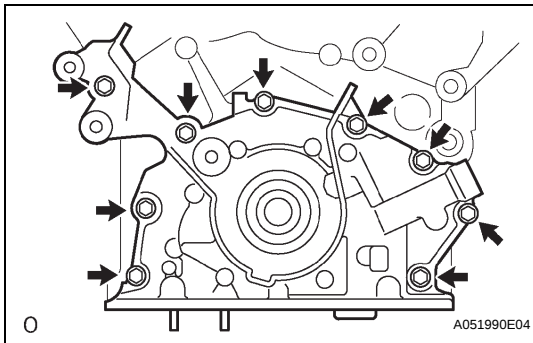
NOTICE:

Be careful not to damage the contact surfaces of the oil pan and cylinder block.

46. REMOVE CRANKSHAFT POSITION SENSOR

- (a) Disconnect the crankshaft position sensor connector.
- (b) Remove the bolt and the crankshaft position sensor.

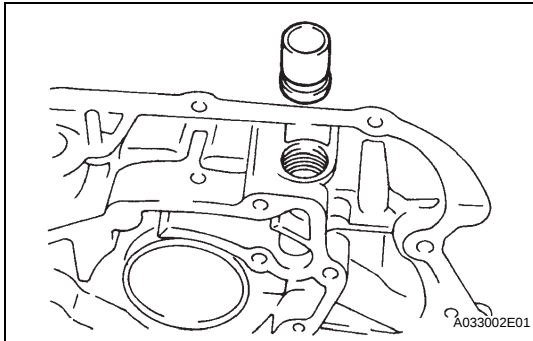


**47. REMOVE OIL PUMP ASSEMBLY**

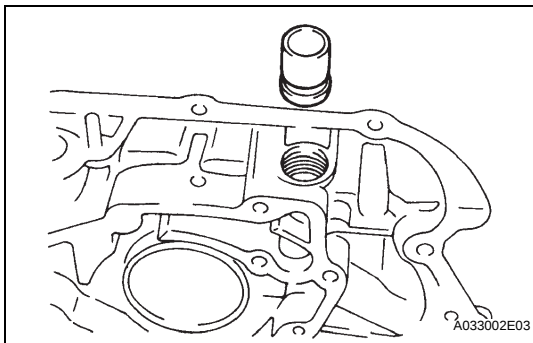
- (a) Remove the 9 bolts.
- (b) Using a screwdriver, remove the oil pump by prying between the oil pump and the main bearing cap.
- (c) Remove the O-ring.

DISASSEMBLY**1. REMOVE OIL PUMP RELIEF VALVE**

- (a) Remove the plug, spring and relief valve.

**INSPECTION****1. INSPECT OIL PUMP RELIEF VALVE**

- (a) Apply a light coat of engine oil.
- (b) Check that it falls smoothly into the valve hole by its own weight.

**2. INSPECT OIL PUMP ASSEMBLY**

- (a) Remove the oil pump cover.
 - (1) Remove the 10 screws and the oil pump cover.
- (b) Remove the oil pump rotor set.

NOTICE:

Do not change the combination and mounting direction of the two rotors.

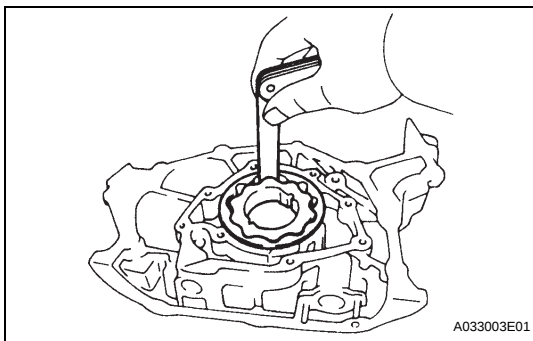
- (c) Inspect the oil pump rotor set.
 - (1) Apply a light coat of engine oil to the oil pump rotor set and place them into the oil pump body. Check that the rotors revolve smoothly.
- (d) Inspect rotor tip clearance.
 - (1) Using a feeler gauge, measure the clearance between the drive and the driven rotor tips.

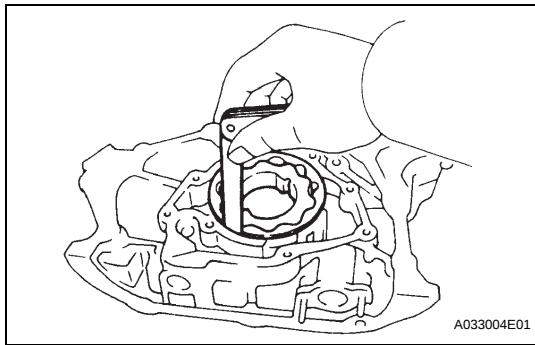
Standard tip clearance:

0.11 to 0.24 mm (0.0043 to 0.0094 in.)

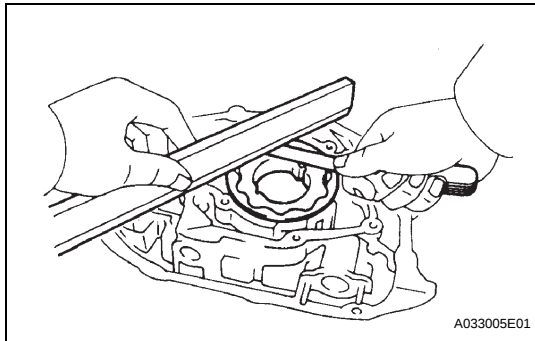
Maximum tip clearance:

0.35 mm (0.0138 in.)

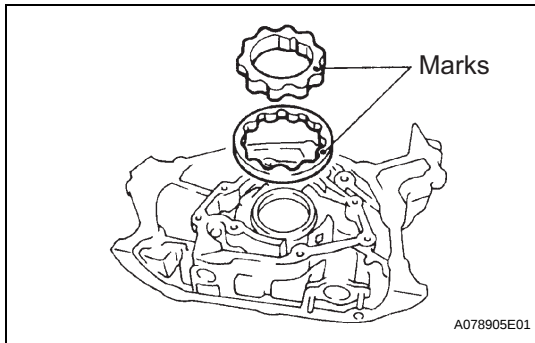




- (e) Inspect rotor body clearance.
- (1) Using a feeler gauge, measure the clearance between the driven rotor and body.
Standard body clearance:
 0.125 to 0.162 mm (0.0050 to 0.0064 in.)
Maximum body clearance:
 0.30 mm (0.0118 in.)



- (f) Inspect rotor side clearance.
- (1) Using a feeler gauge and precision straight edge, measure the clearance between the rotors and precision straight edge.
Standard side clearance:
 0.03 to 0.09 mm (0.0012 to 0.0035 in.)
Maximum side clearance:
 0.15 mm (0.0059 in.)



- (g) Install the oil pump rotor set.
- (1) Apply a light coat of engine oil to the oil pump gear set and place it into pump body with the marks facing the pump body cover side.
- (h) Install the oil pump cover.
- (1) Install the 10 screws and the oil pump cover.
Torque: 10 N*m (105 kgf*cm, 8 ft.*lbf)

REASSEMBLY

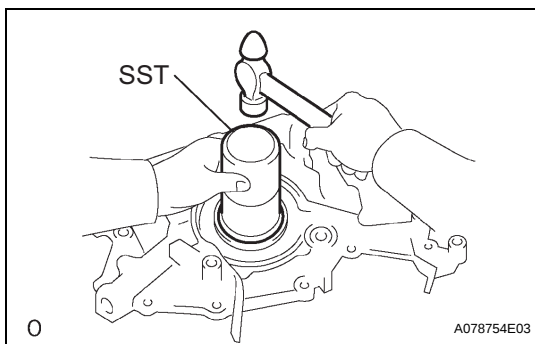
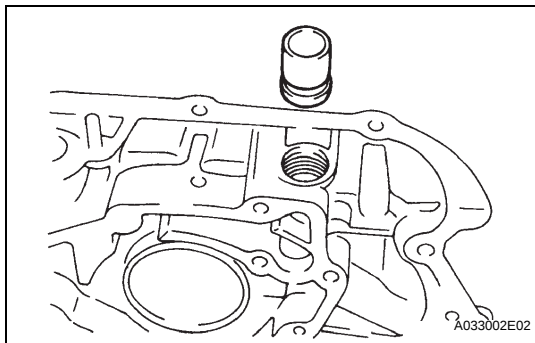
1. INSTALL OIL PUMP ROTOR SET

- (a) Apply a light coat of engine oil to the relief valve, and insert the relief valve and spring into the pump body hole.
- (b) Install the oil pump relief valve plug.
Torque: 49 N*m (500 kgf*cm, 36 ft.*lbf)

INSTALLATION

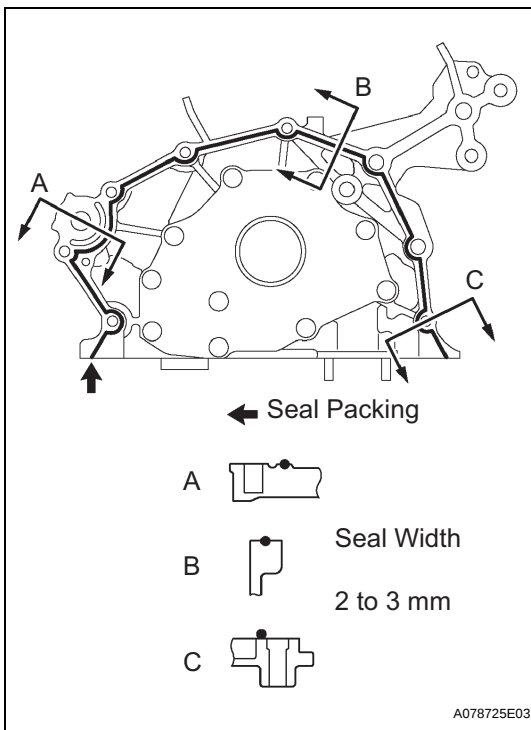
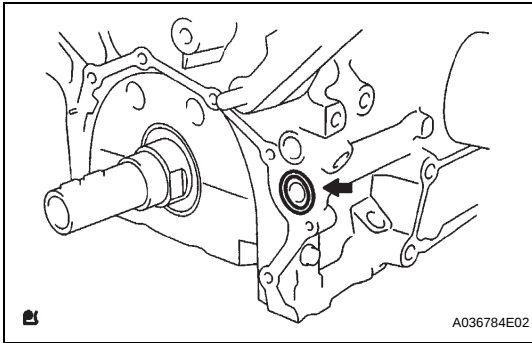
1. INSTALL OIL PUMP SEAL

- (a) Using SST and a hammer, tap in a new oil seal until its surface is flush with the oil pump body edge.
SST 09223-00010
NOTICE:
 - Be careful not to tap the oil seal at an angle.
 - Keep the lip free of foreign objects.
- (b) Apply MP grease to the oil seal lip.



2. INSTALL OIL PUMP ASSEMBLY

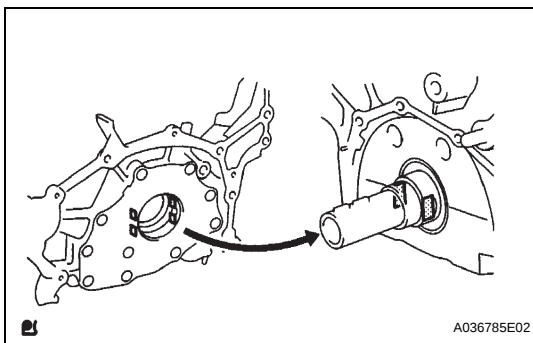
- (a) Remove any old seal packing material from the contact surface.
- (b) Apply a light coat of engine oil to a new O-ring and place it on the cylinder block.



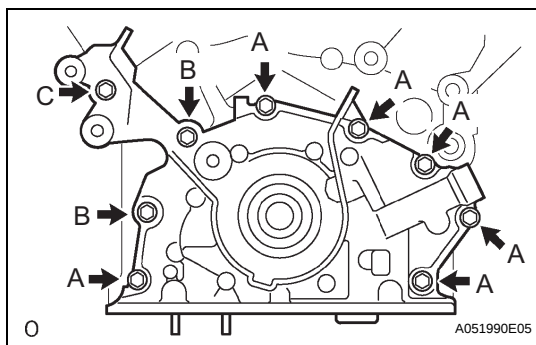
- (c) Apply a continuous bead of seal packing (Diameter 2 to 3 mm (0.08 to 0.12 in.)) as shown in the illustration.

Seal packing:**Part No. 08826-00080 or equivalent****NOTICE:**

- Remove any oil from contact surface.
- Apply seal packing to the inner side of the bolt holes.
- Install the oil pump within 3 minutes after applying seal packing.
- Do not expose the seal to engine oil within 2 hours after installing.



- (d) Align the key of the oil pump drive gear with the keyway located on the crankshaft, and slide the oil pump into place.



- (e) Install the oil pump with the 9 bolts. Tighten the bolts uniformly in several steps.

Torque: Bolt A

8.0 N*m (82 kgf*cm, 71 in.*lbf)

Bolt B

20 N*m (199 kgf*cm, 14 ft.*lbf)

Bolt C

43 N*m (439 kgf*cm, 32 ft.*lbf)

3. INSTALL CRANKSHAFT POSITION SENSOR

Torque: 8.0 N*m (80 kgf*cm, 71 in.*lbf)

4. INSTALL OIL PAN SUB-ASSEMBLY

- (a) Remove any old seal packing from the contact surface.

- (b) Apply a continuous bead of seal packing (Diameter 3 to 4 mm (0.12 to 0.16 in.)) as shown in the illustration.

Seal packing:

Part No. 08826-00080 or equivalent

NOTICE:

- Remove any oil from the contact surface.
- Apply seal packing to the outer side of the bolt holes in the region "X".
- Apply seal packing to the inner side of the bolt holes in the region "Y".
- Install the oil pan within 3 minutes after applying seal packing.
- Do not expose the seal to engine oil within 2 hours after installing.

- (c) Install oil pan No. 1 with the 17 bolts and 2 nuts. Tighten the bolts uniformly in several steps.

Torque: 10 mm head

8.0 N*m (82 kgf*cm, 71 in.*lbf)

12 mm head

20 N*m (199 kgf*cm, 14 ft.*lbf)

14 mm head

37 N*m (379 kgf*cm, 27 ft.*lbf)

- (d) Install the flywheel housing under cover with the 2 bolts.

Torque: 7.8 N*m (80 kgf*cm, 69 in.*lbf)

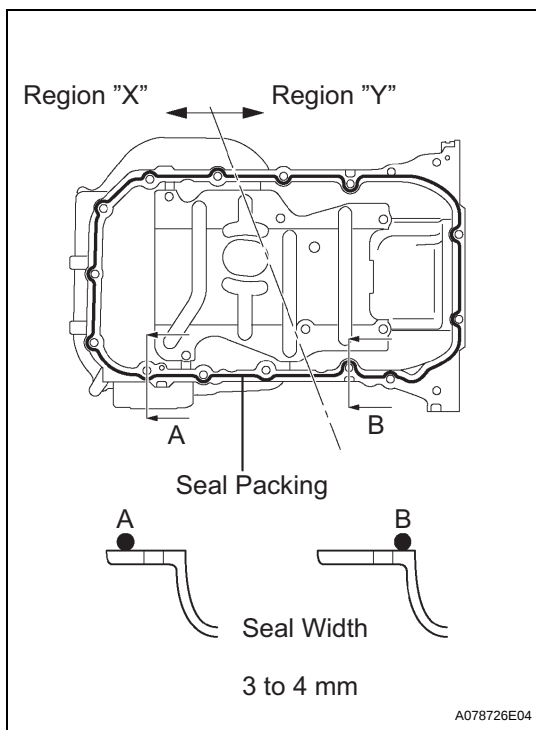
5. INSTALL OIL STRAINER SUB-ASSEMBLY

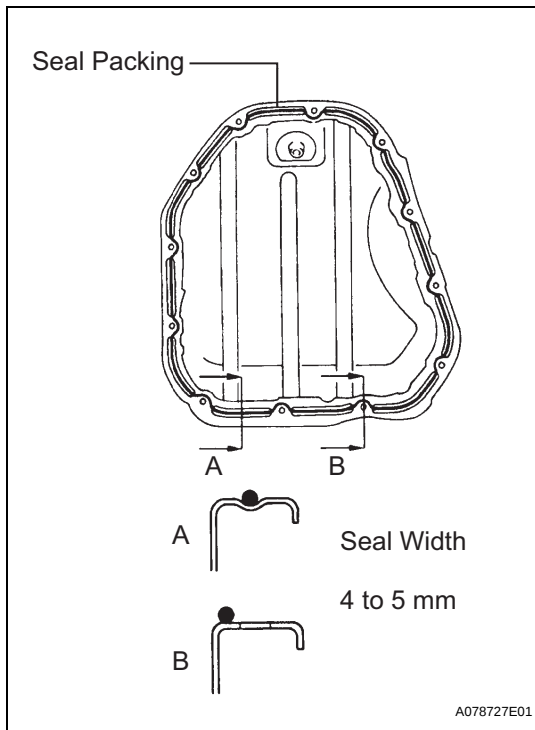
- (a) Install a new gasket and the oil strainer with the bolt and 2 nuts.

Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)

6. INSTALL OIL PAN SUB-ASSEMBLY NO.2

- (a) Remove any old seal packing from the contact surface.





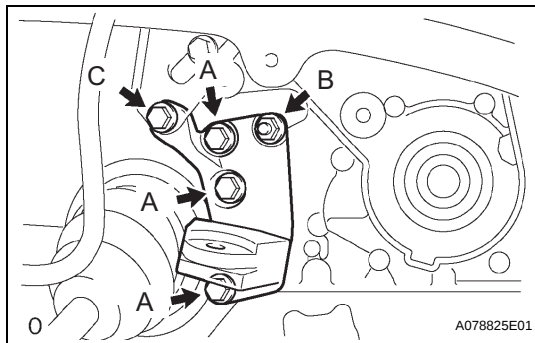
- (b) Apply a continuous bead of seal packing (Diameter 4 to 5 mm (0.16 to 0.20 in.)) as shown in the illustration.

Seal packing:

Part No. 08826-00080 or equivalent

NOTICE:

- Remove any oil from the contact surface.
 - Apply seal packing to the inner side of the bolt holes.
 - Install the oil pan within 3 minutes after applying seal packing.
 - Do not expose the seal to engine oil within 2 hours after installing.
- (c) Install the oil pan No. 2 with the 10 bolts and 2 nuts.
Torque: 8.0 N*m (82 kgf*cm, 71 in.*lbf)



7. INSTALL ENGINE MOUNTING BRACKET RH

- (a) Install the 4 bolts and nut and engine mounting bracket RH.

Torque: Bolt A

54 N*m (551 kgf*cm, 40 ft.*lbf)

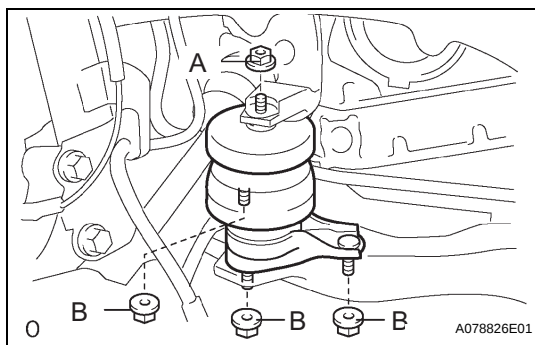
Nut B

54 N*m (551 kgf*cm, 40 ft.*lbf)

Bolt C

43 N*m (439 kgf*cm, 32 ft.*lbf)

LU



8. INSTALL ENGINE MOUNTING INSULATOR RH

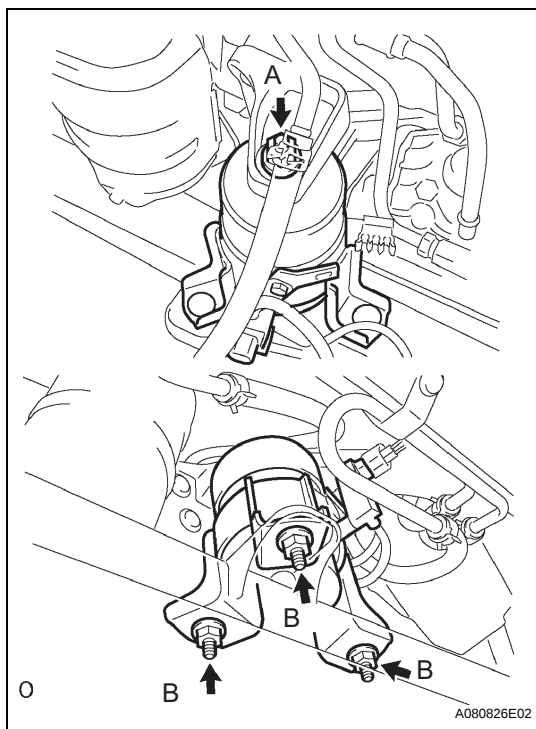
- (a) Install the 4 nuts and nut and engine mounting insulator RH.

Torque: Nut A

95 N*m (969 kgf*cm, 70 ft.*lbf)

Nut B

87 N*m (887 kgf*cm, 64 ft.*lbf)



9. INSTALL ENGINE MOUNTING INSULATOR FR

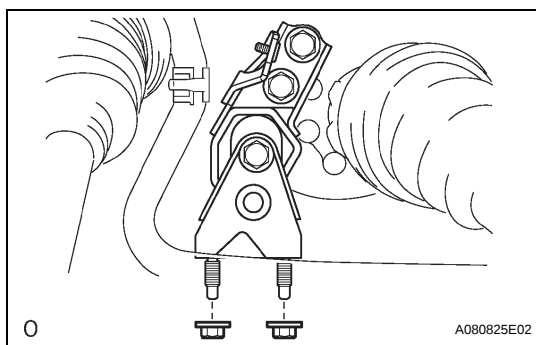
- (a) Install the 4 nuts and engine mounting insulator FR.

Torque: Nut A

87 N*m (887 kgf*cm, 64 ft.*lbf)

Nut B

52 N*m (530 kgf*cm, 38 ft.*lbf)



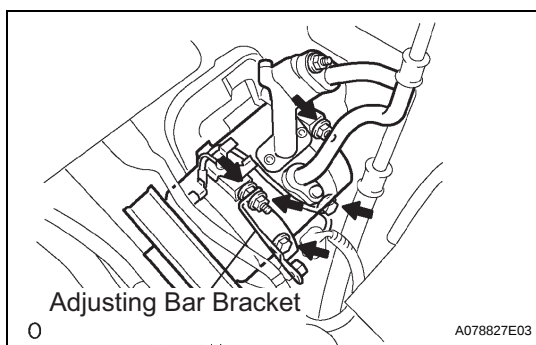
10. INSTALL ENGINE MOUNTING INSULATOR RR

- (a) Install the 2 nuts and engine insulator RR.

Torque: 52 N*m (530 kgf*cm, 38 ft.*lbf)

11. INSTALL COMPRESSOR MOUNTING BRACKET NO.1

Torque: 25 N*m (250 kgf*cm, 18 ft.*lbf)



12. INSTALL COMPRESSOR AND MAGNETIC CLUTCH

- (a) Install the compressor with the 3 bolts.

Torque: 25 N*m (250 kgf*cm, 18 ft.*lbf)

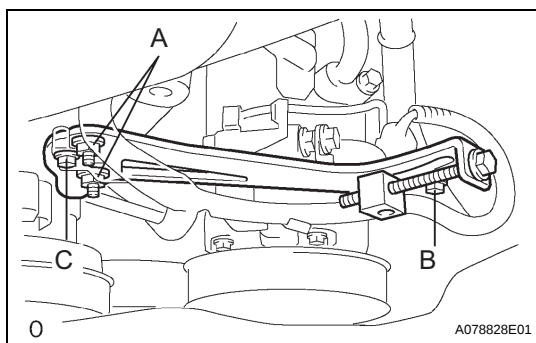
- (b) Install the adjusting bar bracket with the bolt and nut.

Torque: Bolt

25 N*m (250 kgf*cm, 18 ft.*lbf)

Nut

26 N*m (265 kgf*cm, 19 ft.*lbf)



13. INSTALL GENERATOR BELT ADJUSTING BAR

- (a) Install the adjusting bar with the 2 bolts and 2 nuts.

Torque: Nut A

43 N*m (438 kgf*cm, 32 ft.*lbf)

Torque: Bolt B

18 N*m (184 kgf*cm, 13 ft.*lbf)

Bolt C

8.4 N*m (85 kgf*cm, 74 in.*lbf)

14. INSTALL OIL LEVEL GAGE GUIDE

- 15. INSTALL EXHAUST MANIFOLD CONVERTER SUB-ASSEMBLY NO.2**
 - (a) Install the exhaust manifold converter sub-assembly No. 2 (See page [EM-84](#)).
- 16. INSTALL EXHAUST MANIFOLD HEAT INSULATOR NO.2**
 - (a) Install the exhaust manifold heat insulator No. 2 (See page [EM-84](#)).
- 17. INSTALL MANIFOLD CONVERTER INSULATOR NO.3**
 - (a) Install the manifold converter insulator No. 3 (See page [EM-84](#)).
- 18. INSTALL EXHAUST PIPE SUPPORT BRACKET NO.1**
 - (a) Install the exhaust pipe support bracket No. 1 (See page [EM-120](#)).
- 19. INSTALL EXHAUST PIPE ASSEMBLY FRONT (See page [EX-6](#))**
- 20. INSTALL EXHAUST PIPE SUB-ASSEMBLY FRONT NO.3 (See page [EX-6](#))**
- 21. INSTALL CRANKSHAFT TIMING PULLEY**
 - (a) Install the crankshaft timing pulley (See page [EM-97](#)).
- 22. INSTALL TIMING BELT IDLER SUB-ASSEMBLY NO.1 (See page [CO-14](#))**
- 23. INSTALL TIMING BELT NO.3 COVER**
 - (a) Install the timing belt No. 3 cover (See page [EM-44](#)).
- 24. INSTALL CAMSHAFT TIMING PULLEY**
 - (a) Install the camshaft timing pulley (See page [EM-44](#)).
SST 09960-10010 (09962-01000, 09963-01000), 09249-63010
- 25. INSTALL TIMING BELT IDLER SUB-ASSEMBLY NO.2**
 - (a) Install the timing belt idler sub-assembly No. 2 (See page [EM-44](#)).
- 26. INSPECT TIMING BELT**
 - (a) Inspect timing belt (See page [EM-26](#)).
- 27. INSTALL TIMING BELT**
 - (a) Install the timing belt (See page [EM-26](#)).
SST 09960-10010 (09962-01000, 09963-01000)
- 28. INSTALL CHAIN TENSIONER ASSEMBLY NO.1**
 - (a) Install the chain tensioner assembly No. 1 (See page [EM-26](#)).
- 29. INSTALL TIMING BELT GUIDE NO.2**
 - (a) Install the timing belt guide No. 2 (See page [EM-26](#)).
- 30. INSTALL ENGINE MOUNTING BRACKET RH**
 - (a) Install the engine mounting bracket RH (See page [EM-26](#)).
- 31. INSTALL TIMING BELT NO.2 COVER**
 - (a) Install the timing belt No. 2 cover (See page [EM-26](#)).

32. INSTALL TIMING BELT NO.1 COVER

(a) Install the timing belt No. 1 cover (See page [EM-26](#)).

33. INSTALL CRANKSHAFT PULLEY

(a) Install the crankshaft pulley (See page [EM-26](#)).

SST 09213-54015 (91651-60855), 09330-00021

34. INSTALL GENERATOR BRACKET NO.2

(a) Install the generator bracket No. 2 (See page [EM-26](#)).

35. INSTALL ENGINE MOUNTING STAY NO.2 RH

(a) Install the engine mounting stay No. 2 RH (See page [EM-26](#)).

36. INSTALL ENGINE MOVING CONTROL ROD

(a) Install the engine moving control rod (See page [EM-26](#)).

37. INSTALL VANE PUMP V BELT

(a) Install the vane pump V belt (See page [EM-6](#)).

38. INSTALL GENERATOR ASSEMBLY

(a) Install the generator assembly (See page [CH-15](#)).

39. INSTALL V (COOLER COMPRESSOR TO CRANKSHAFT PULLEY) BELT NO.1

(a) Install V (cooler compressor to crankshaft pulley) belt No. 1 (See page [EM-6](#)).

40. INSPECT DRIVE BELT DEFLECTION AND TENSION (REFERENCE)

(a) Inspect drive belt deflection and tension (reference) (See page [EM-1](#)).

41. INSTALL COWL TOP PANEL SUB-ASSEMBLY OUTER (See page [FU-16](#))**42. INSTALL WINDSHIELD WIPER LINK ASSEMBLY (See page [WW-39](#))****43. INSTALL FR WIPER ARM LH (See page [WW-39](#))****44. INSTALL FR WIPER ARM RH (See page [WW-40](#))****45. INSTALL FRONT WHEEL RH****46. ADD ENGINE OIL (See page [LU-5](#))****47. CHECK FOR ENGINE OIL LEAKS****48. CHECK FOR EXHAUST GAS LEAKS**