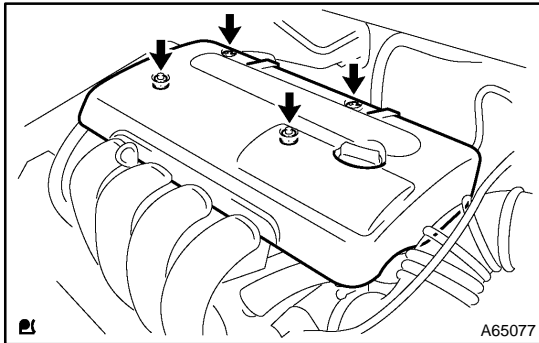


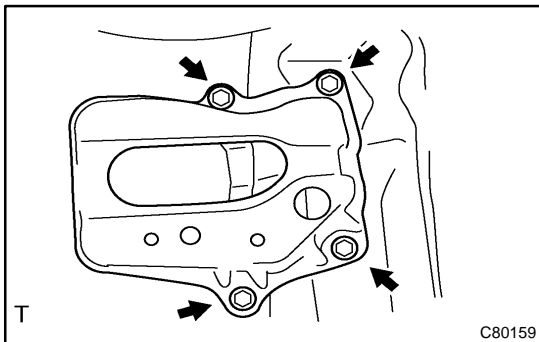
REPLACEMENT

1. **WORK FOR PREVENTING GASOLINE FROM SPILLING OUT (See page 11-1)**
2. **REMOVE FRONT WHEELS**
3. **REMOVE ENGINE UNDER COVER RH**
4. **REMOVE ENGINE UNDER COVER LH**
5. **DRAIN COOLANT (See page 16-6)**
6. **DRAIN AUTOMATIC TRANSAXLE FLUID (4WD DRIVE TYPE)**
 - (a) Using a 10 mm hexagon wrench, remove the drain plug and a gasket. Drain automatic transaxle fluid.
 - (b) Install a new gasket and the drain plug.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)
7. **DRAIN TRANSFER OIL (4WD DRIVE TYPE)**
 - (a) Install a new gasket and the drain plug.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)



8. **REMOVE CYLINDER HEAD COVER NO.2**
 - (a) Remove the 2 nuts, 2 clips and cylinder head cover.

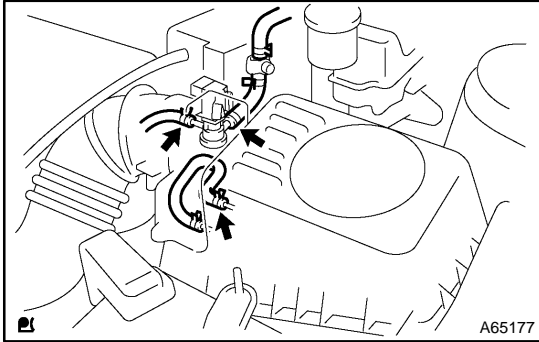
9. **DISCONNECT RADIATOR HOSE INLET**
 - (a) Disconnect the radiator hose inlet from the radiator.
10. **SEPARATE RADIATOR HOSE OUTLET**
 - (a) Disconnect the radiator hose outlet from the radiator.
11. **DISCONNECT OIL COOLER INLET TUBE NO.1 (A/T TRANSAXLE)**
 - (a) Disconnect the oil cooler inlet tube from the radiator.
12. **DISCONNECT OIL COOLER OUTLET TUBE NO.1 (A/T TRANSAXLE)**
 - (a) Disconnect the oil cooler outlet tube from the radiator.
13. **REMOVE RADIATOR SUPPORT UPPER (W/ AIR CONDITIONER)**
 - (a) Remove the 2 bolts and 2 radiator support upper.
14. **REMOVE RADIATOR ASSY (W/ AIR CONDITIONER)**
 - (a) Disconnect the connector and harness clamp, and remove the radiator.
15. **REMOVE BATTERY**



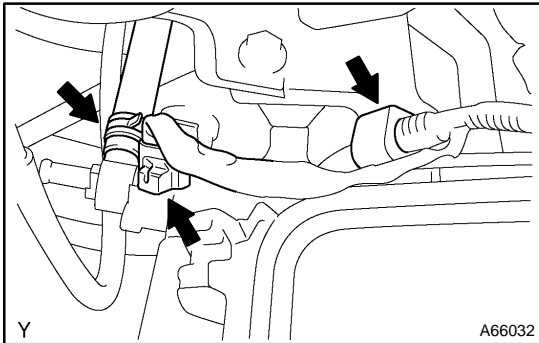
16. **REMOVE BATTERY CARRIER**
 - (a) Remove the 4 bolts and battery carrier.

17. REMOVE AIR CLEANER ASSEMBLY WITH HOSE

- (a) Separate an intake air flow meter connector.
- (b) Separate the VSV connector.



- (c) Disconnect 3 vacuum hoses, as shown in the illustration.
- (d) Loosen an air cleaner hose clump and separate an air cleaner hose.
- (e) Remove the air cleaner cap.
- (f) Remove the air filter.



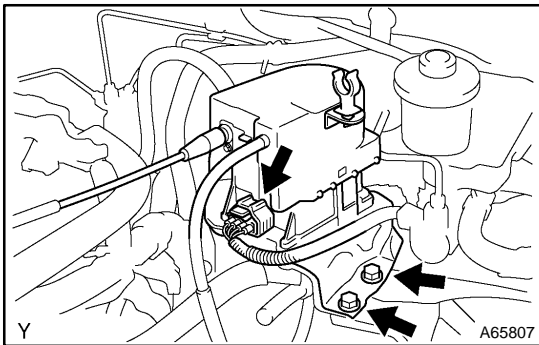
- (g) Disconnect the wireharnnes clamp, connector and hose.
- (h) Remove the 3 bolts and the air cleaner case.

18. REMOVE EFI FUEL PIPE CLAMP (See page 11-10)

19. DISCONNECT FUEL TUBE SUB-ASSY (See page 11-10)

20. SEPARATE ACCELERATOR CONTROL CABLE ASSY

- (a) Loosen the nut, and remove the accelerator control cable.

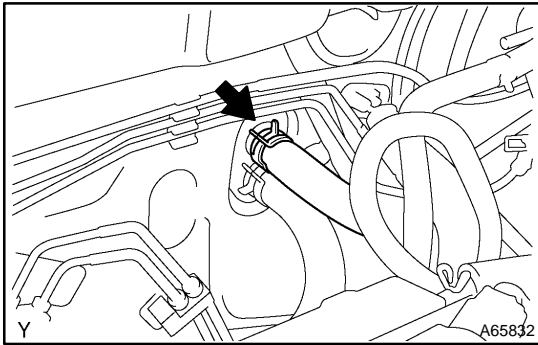


21. REMOVE CRUISE CONTROL ACTUATOR ASSY (W/ CRUISE CONTROL)

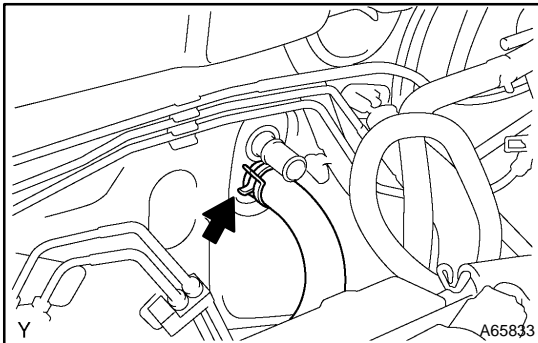
- (a) Disconnect the actuator connector.
- (b) Remove the 2 bolts, and disconnect the actuator from the body.

22. DISCONNECT UNION TO CONNECTOR TUBE HOSE

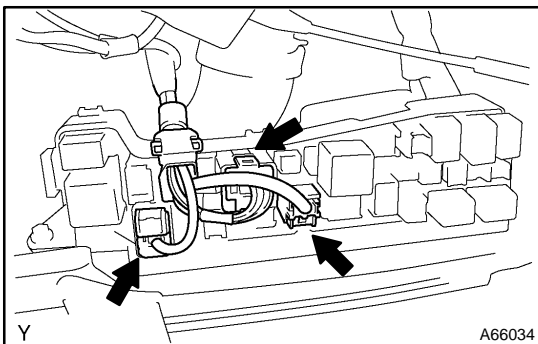
- (a) Disconnect the union to connector tube hose from the brake booster.

**23. DISCONNECT HEATER INLET WATER HOSE**

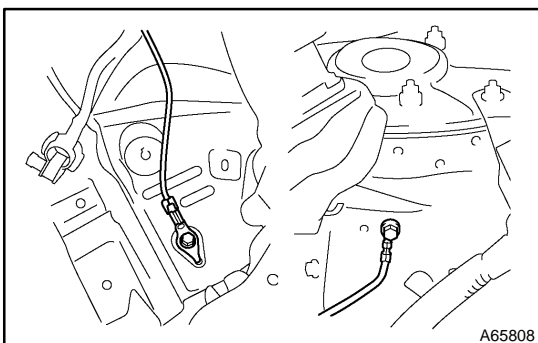
- (a) Disconnect the heater inlet water hose from the air conditioner tube.

**24. DISCONNECT HEATER OUTLET WATER HOSE**

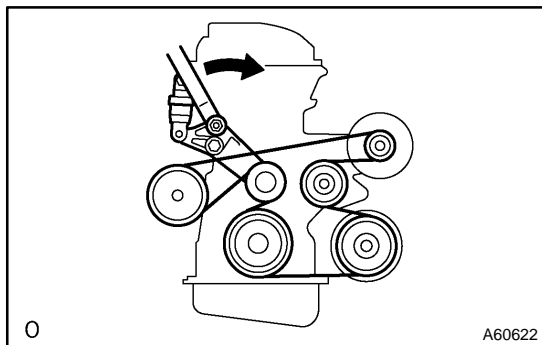
- (a) Disconnect the heater outlet water hose from the air conditioner tube.

25. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SELECT (M/T TRANSAXLE)
(See page 41-17)**26. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT (M/T TRANSAXLE)**
(See page 41-17)**27. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT (A/T TRANSAXLE)**
(See page 40-90)**28. SEPARATE CLUTCH RELEASE CYLINDER ASSY (M/T TRANSAXLE)**
(See page 41-17)**29. REMOVE GLOVE COMPARTMENT DOOR ASSY (See page 71-10)****30. DISCONNECT ENGINE WIRE**

- (a) Remove the engine room relay block cover.
(b) Disconnect the 3 engine wire connectors from the engine room relay block.



- (c) Disconnect the 2 ground cables from the vehicle.
(d) Disconnect the engine wire from the engine ECM and junction block.
(e) Pull out the engine wire from the cabin.

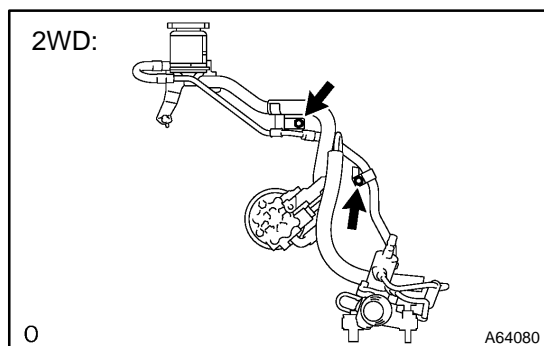
**31. REMOVE FAN AND GENERATOR V BELT**

- (a) Turn the V-ribbed belt tensioner slowly clockwise and loosen it. Then, remove the fan and generator V belt and put back the V-ribbed belt tensioner little by little and fix it quietly.

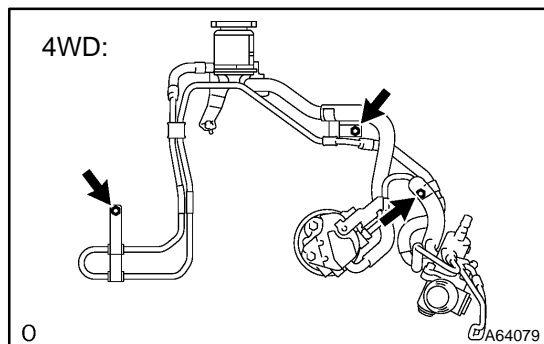
32. SEPARATE COMPRESSOR AND MAGNETIC CLUTCH (W/ AIR CONDITIONER)
(See page 55-40)

HINT:

Hung up the hoses instead of detaching.

**33. SEPARATE RETURN TUBE SUB-ASSY**

- (a) Disconnect the vane pump oil reservoir from the oil reservoir bracket.
(b) 2WD
(1) Remove the 2 bolts installing the return tube.



- (c) 4WD
(1) Remove the 3 bolts installing the return tube.

34. REMOVE FRONT DOOR SCUFF PLATE RH (See page 76-17)**35. REMOVE COWL SIDE TRIM BOARD RH (See page 71-10)****36. REMOVE REAR DOOR SCUFF PLATE RH (4WD DRIVE TYPE) (See page 76-17)****37. REMOVE CENTER PILLAR GARNISH LOWER RH (4WD DRIVE TYPE) (See page 76-17)****38. REMOVE FRONT SEAT ASSY RH (4WD DRIVE TYPE) (See page 72-2)****39. REMOVE COLUMN HOLE COVER SILENCER SHEET**

- (a) Remove the 2 clips and column hole cover silencer sheet.

40. SEPARATE STEERING INTERMEDIATE SHAFT (See page 51-22)**41. REMOVE FLOOR PANEL BRACE FRONT (2WD DRIVE TYPE)**

- (a) Remove the 2 nuts and floor panel brace front.

42. REMOVE EXHAUST PIPE ASSY CENTER (4WD DRIVE TYPE) (See page 11-51)**43. REMOVE PROPELLER W/CENTER BEARING SHAFT ASSY (4WD DRIVE TYPE)**
(See page 30-6)**44. REMOVE EXHAUST PIPE ASSY FRONT (See page 15-4)**

45. REMOVE FRONT AXLE HUB LH NUT (See page 30-15)

SST 09930-00010

46. REMOVE FRONT AXLE HUB RH NUT

SST 09930-00010

HINT:

Perform the same procedure as above on the opposite side.

47. SEPARATE TIE ROD END SUB-ASSY LH (See page 30-15)

SST 09628-62011

48. SEPARATE TIE ROD END SUB-ASSY RH

SST 09628-62011

HINT:

Perform the same procedure as above on the opposite side.

49. SEPARATE FRONT STABILIZER LINK ASSY LH (See page 51-22)**50. SEPARATE FRONT STABILIZER LINK ASSY RH**

HINT:

Perform the same procedure as above on the opposite side.

51. SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH (See page 30-15)**52. SEPARATE FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 RH**

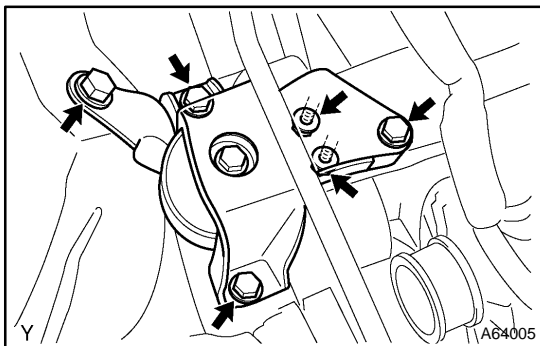
HINT:

Perform the same procedure as above on the opposite side.

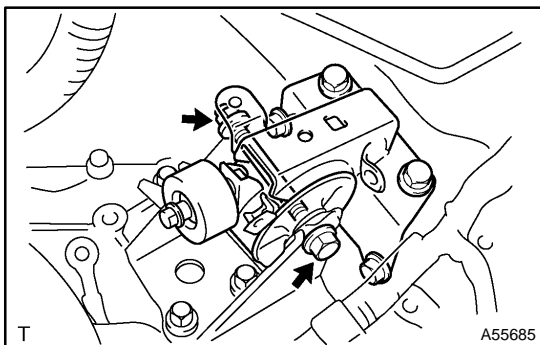
53. SEPARATE FRONT AXLE ASSY LH (See page 30-15)**54. SEPARATE FRONT AXLE ASSY RH**

HINT:

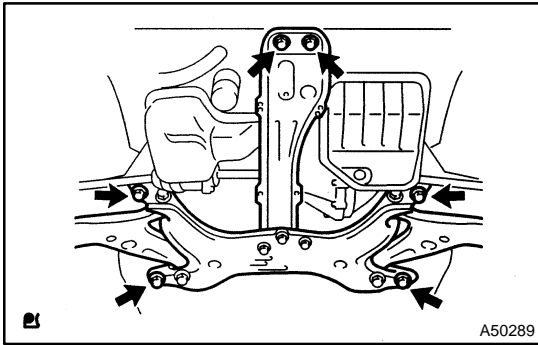
Perform the same procedure as above on the opposite side.

**55. REMOVE ENGINE ASSEMBLY WITH TRANSAXLE**

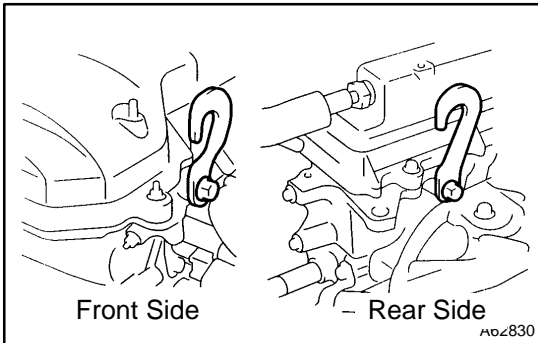
- (a) Set the engine lifter.
- (b) Remove the 4 bolts, 2 nuts and engine mounting insulator.



- (c) Remove the through bolt and nut, detach the engine mounting insulator from the vehicle.



- (d) Remove the 6 bolts, as shown in the illustration.
- (e) Carefully, remove the engine with transaxle from the vehicle.



- (f) Install the 2 engine hangers with the 2 bolts.

Part No.:

No. 1 engine hanger 12281-15040

No. 2 engine hanger 12281-22021

Bolt 91512-B1016

Torque: 38 N·m (387 kgf·cm, 28 ft·lbf)

HINT:

Be sure to install engine hanger (12281-22021) to the front side of the engine and engine hanger (12281-15040) to the rear side.

- (g) Using the chain block and engine sling device, hang the engine assembly.

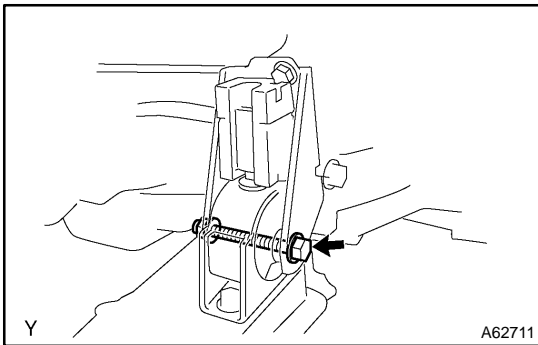
56. SEPARATE VANE PUMP ASSY (See page 51-8)

NOTICE:

Do not disconnect the hose.

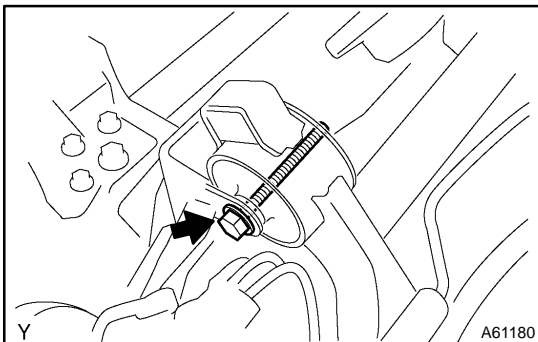
57. REMOVE RACK & PINION POWER STEERING GEAR ASSY (4WD DRIVE TYPE)

(See page 51-8)

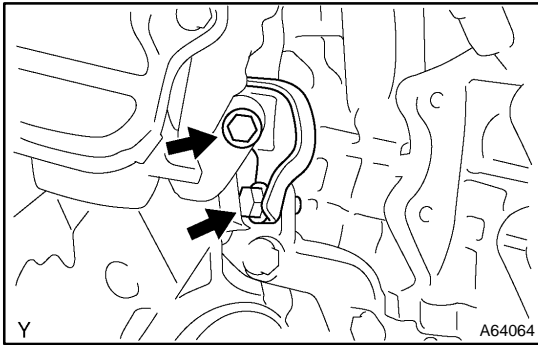


58. REMOVE FRONT SUSPENSION CROSSMEMBER W/CENTER MEMBER

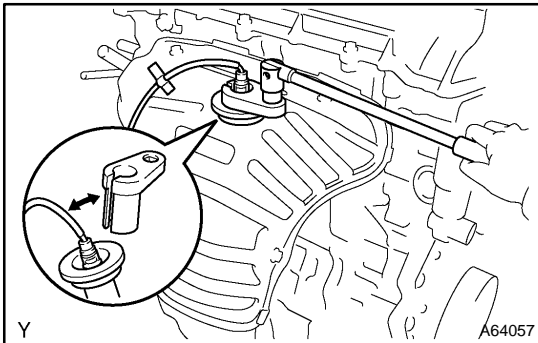
- (a) Remove the through bolt and a nut, detach the engine mounting insulator FR from the engine mounting bracket.



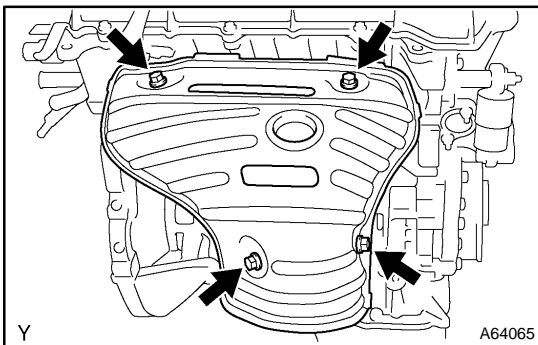
- (b) Remove the through bolt, detach the engine mounting insulator RR from the suspension crossmember.
- (c) Separate the engine and transaxle assembly from the suspension crossmember and engine mounting member.

**59. REMOVE MANIFOLD STAY (4WD DRIVE TYPE)**

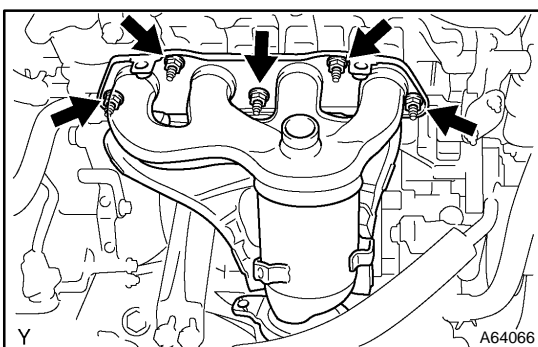
- (a) Remove the 2 bolt and manifold stay.

**60. REMOVE OXYGEN SENSOR (4WD DRIVE TYPE)**

- (a) Using SST, remove the oxygen sensor.
SST 09224-00010

**61. REMOVE EXHAUST MANIFOLD HEAT INSULATOR NO.1 (4WD DRIVE TYPE)**

- (a) Remove the 4 bolts and exhaust manifold heat insulator.

**62. REMOVE EXHAUST MANIFOLD (4WD DRIVE TYPE)**

- (a) Remove the 5 nuts, exhaust manifold and gasket.

63. REMOVE STARTER ASSY (See page 19-3)

64. REMOVE MANUAL TRANSAXLE ASSY (M/T TRANSAXLE) (See page 41-17)

65. REMOVE FRONT DRIVE SHAFT ASSY RH (4WD DRIVE TYPE) (See page 31-11)

66. TRANSVERSE ENGINE ENGINE MOUNTING BRACKET (4WD DRIVE TYPE) (See page 31-11)

67. REMOVE TRANSFER STIFFENER PLATE CENTER (4WD DRIVE TYPE) (See page 31-11)

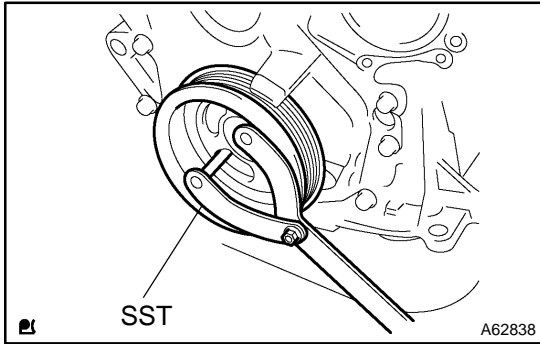
68. REMOVE TRANSFER STIFFENER PLATE RH (4WD DRIVE TYPE) (See page 31-11)

69. REMOVE TRANSFER ASSY (4WD DRIVE TYPE) (See page 31-11)

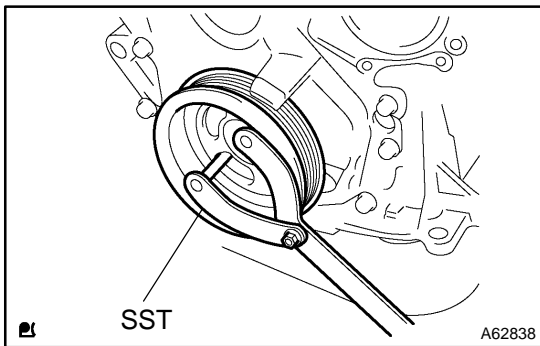
70. REMOVE AUTOMATIC TRANSAXLE ASSY (A/T TRANSAXLE, 2WD DRIVE TYPE)

(See page 40-12)

- 71. REMOVE AUTOMATIC TRANSAXLE ASSY (A/T TRANSAXLE, 4WD DRIVE TYPE)
(See page 40-36)
- 72. REMOVE CLUTCH COVER ASSY (M/T TRANSAXLE) (See page 42-18)
- 73. REMOVE CLUTCH DISC ASSY (M/T TRANSAXLE) (See page 42-18)

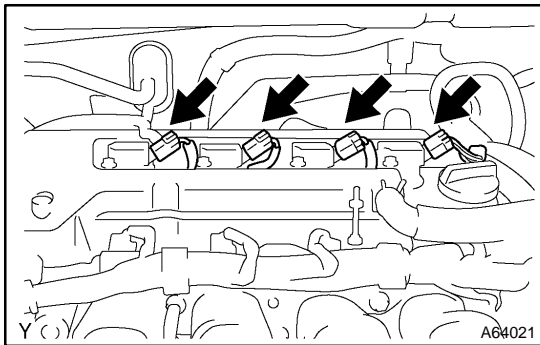


- 74. REMOVE FLYWHEEL SUB-ASSY (M/T TRANSAXLE)
 - (a) Fix the crankshaft with SST, then remove the 8 bolts and flywheel.
SST 09960-10010 (09962-01000, 09963-01000)

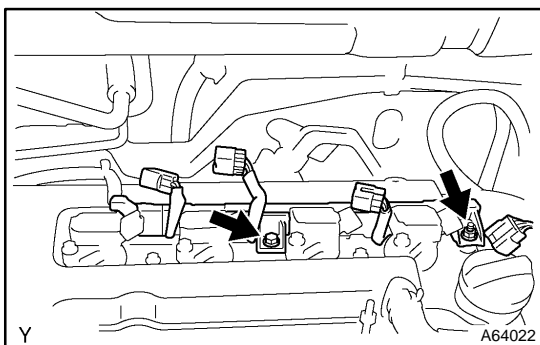


- 75. REMOVE DRIVE PLATE & RING GEAR SUB-ASSY (A/T TRANSAXLE)
 - (a) Fix the crankshaft with SST, then remove the 8 bolts and drive plate & ring gear.
SST 09960-10010 (09962-01000, 09963-01000)

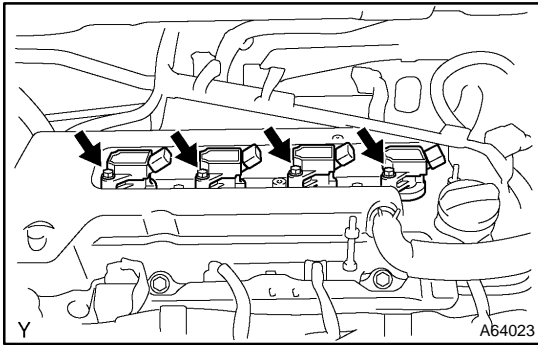
- 76. REMOVE GENERATOR ASSY (See page 19-15)



- 77. REMOVE IGNITION COIL ASSY
 - (a) Disconnect the 4 ignition coil connectors.

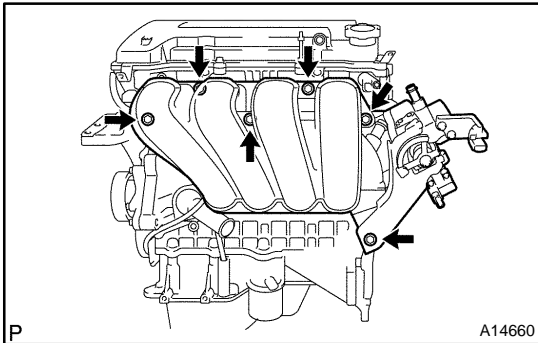


- (b) Remove the bolt and nut installing the engine wire.



- (c) Remove the 4 bolts and 4 ignition coils.

78. REMOVE FUEL DELIVERY PIPE SUB-ASSY (See page 11-10)

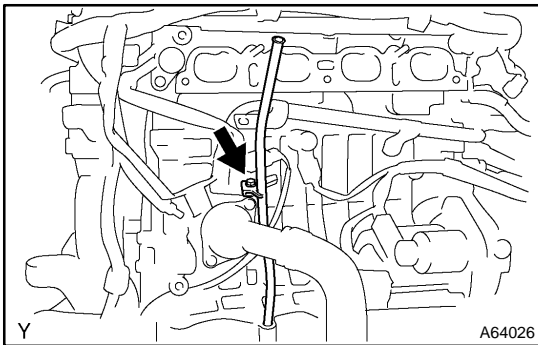


79. REMOVE INTAKE MANIFOLD

- Disconnect the 2 water hoses from the throttle body.
- Disconnect the 2 vacuum hoses from the intake manifold.
- Remove the 4 bolts, 2 nut, 2 wire brackets, the intake manifold and throttle body assembly.
- Remove the gasket from the intake manifold and throttle body assembly.

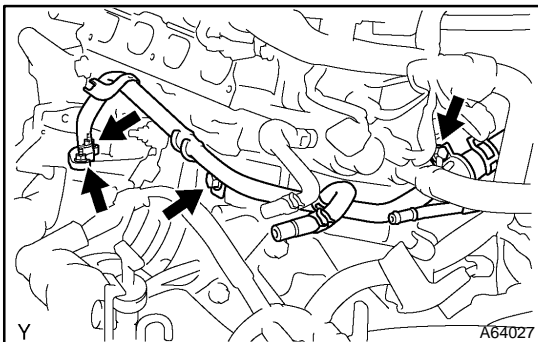
80. REMOVE OIL LEVEL GAGE SUB-ASSY

- Remove the oil level gage guide from the oil level gage guide.



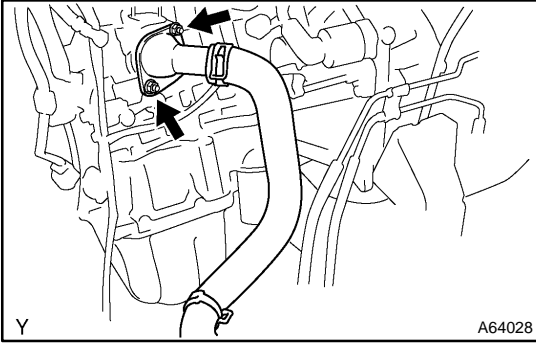
81. REMOVE OIL LEVEL GAGE GUIDE

- Remove the bolt and oil level gage guide.



82. REMOVE WATER BY-PASS PIPE NO.1

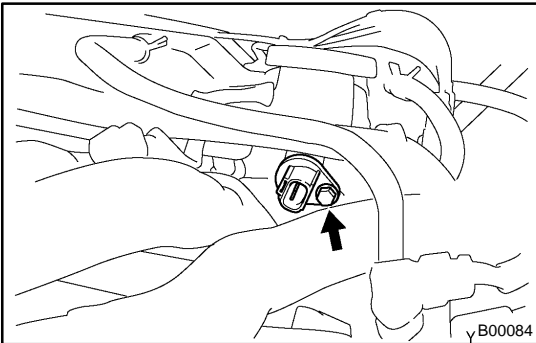
- Remove the 2 bolts, 2 nuts, water by-pass pipe and gasket.

**83. REMOVE WATER INLET**

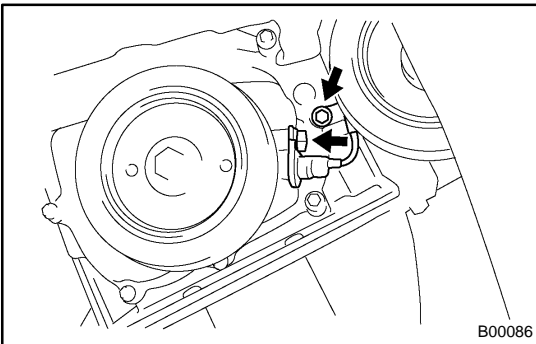
- (a) Remove the 2 nuts and water inlet.

84. REMOVE THERMOSTAT**85. REMOVE ENGINE OIL PRESSURE SWITCH ASSY (See page 17-1)**

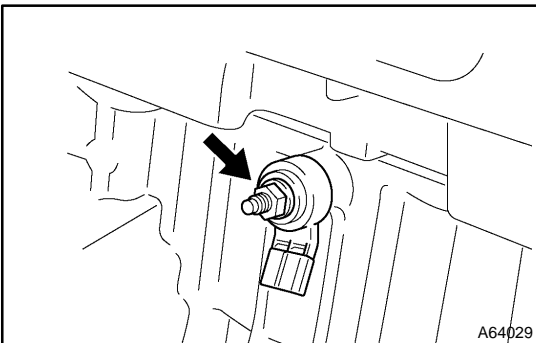
SST 09268-46021

**86. REMOVE CRANK POSITION SENSOR NO.1**

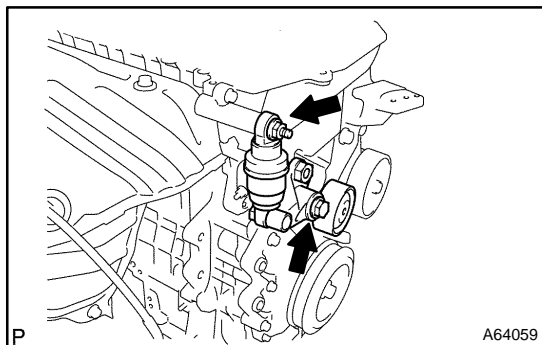
- (a) Remove the bolt and cam position sensor.

**87. REMOVE CRANK POSITION SENSOR**

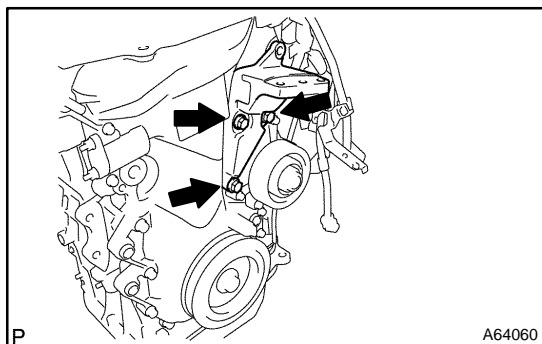
- (a) Remove the 2 bolts and crank position sensor.

**88. REMOVE KNOCK CONTROL SENSOR**

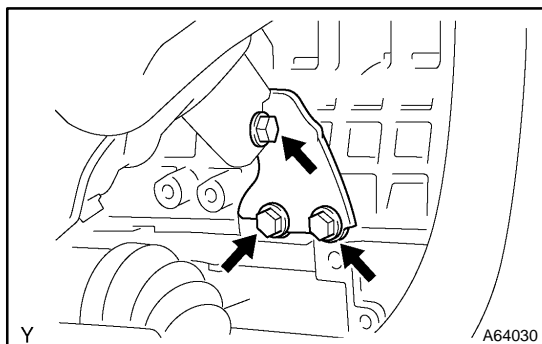
- (a) Remove the nut and knock control sensor.

**89. REMOVE V-RIBBED BELT TENSIONER ASSY**

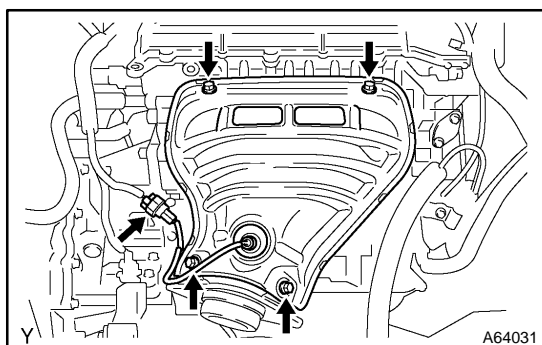
- (a) Remove the bolts, nut and V-ribbed belt tensioner.

**90. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET**

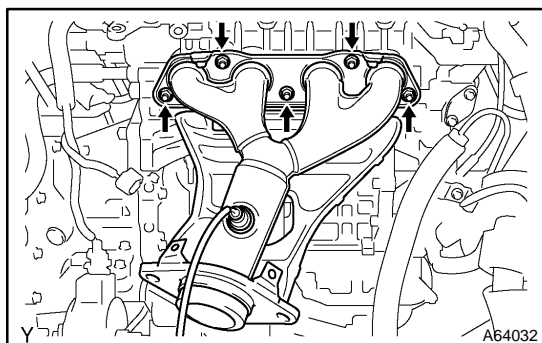
- (a) Remove the 3 bolts and transverse engine mounting bracket.

**91. REMOVE MANIFOLD STAY (2WD DRIVE TYPE)**

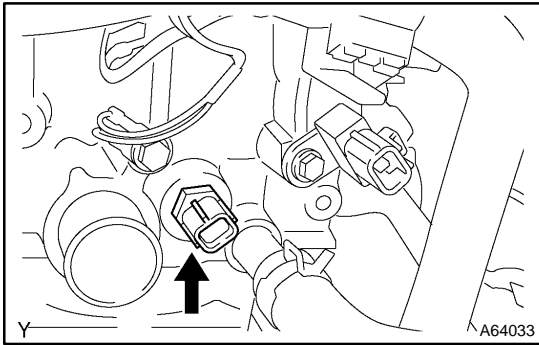
- (a) Remove the 3 bolts and manifold stay.

**92. REMOVE EXHAUST MANIFOLD HEAT INSULATOR NO.1 (2WD DRIVE TYPE)**

- (a) Remove the 4 bolts and exhaust manifold heat insulator.

**93. REMOVE EXHAUST MANIFOLD (2WD DRIVE TYPE)**

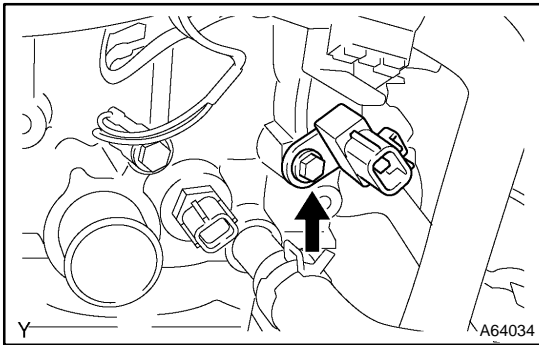
- (a) Remove the 5 nuts, exhaust manifold and gasket.



94. REMOVE E.F.I. ENGINE COOLANT TEMPERATURE SENSOR

- (a) Using SST, remove the E.F.I. engine coolant temperature sensor.

SST 09817-33190



95. REMOVE RADIO SETTING CONDENSER

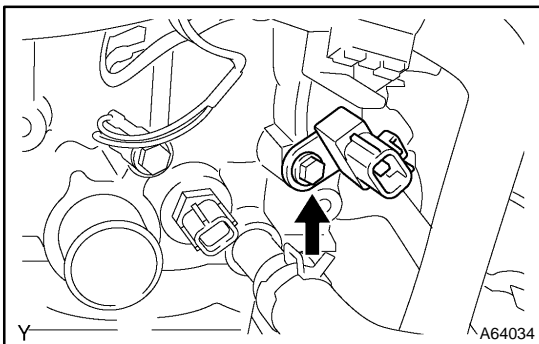
- (a) Remove the bolt and condenser.

96. REMOVE WATER BY-PASS HOSE NO.2

97. REMOVE RADIATOR HOSE INLET

98. REMOVE HEATER INLET WATER HOSE

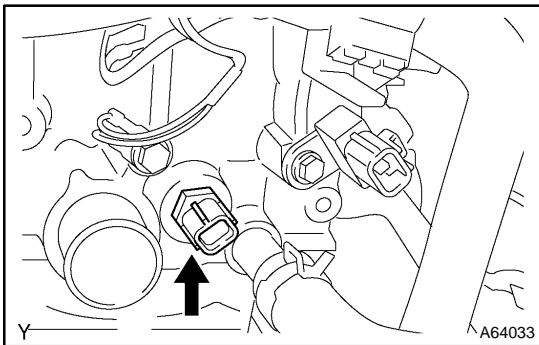
99. REPLACE ENGINE ASSY, PARTIAL



100. INSTALL RADIO SETTING CONDENSER

- (a) Install the condenser with the bolt.

Torque: 10 N·m (102 kgf·cm, 7 ft·lbf)



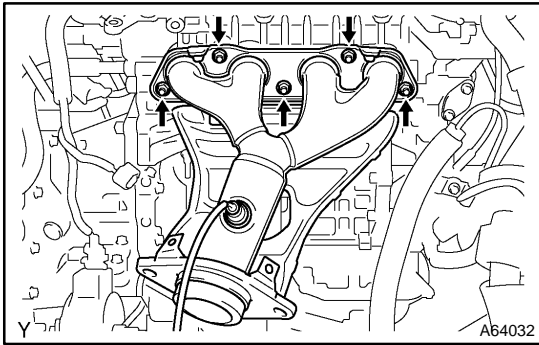
101. INSTALL E.F.I. ENGINE COOLANT TEMPERATURE SENSOR

- (a) Install a new gasket to the E.F.I. engine coolant temperature sensor.

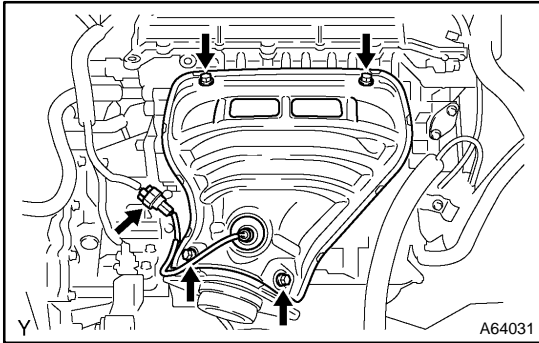
- (b) Using SST, install the E.F.I. engine coolant temperature sensor.

SST 09817-33190

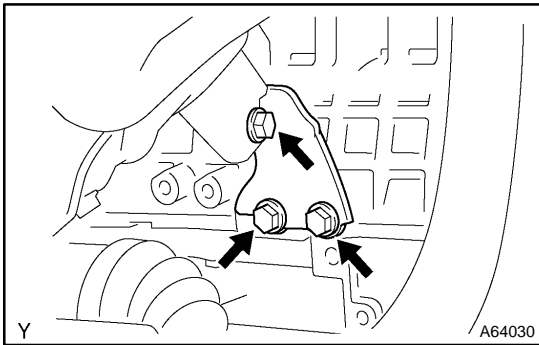
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)



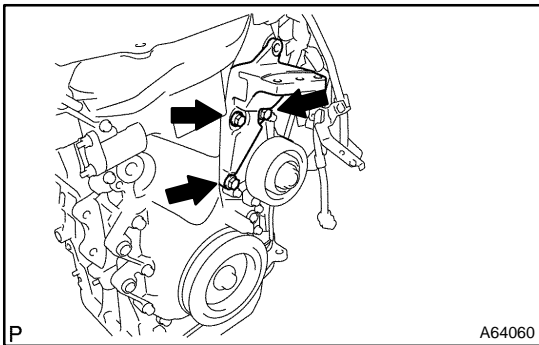
- 102. INSTALL EXHAUST MANIFOLD (2WD DRIVE TYPE)**
 (a) Install a new gasket and the exhaust manifold with the 5 nuts.
Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)



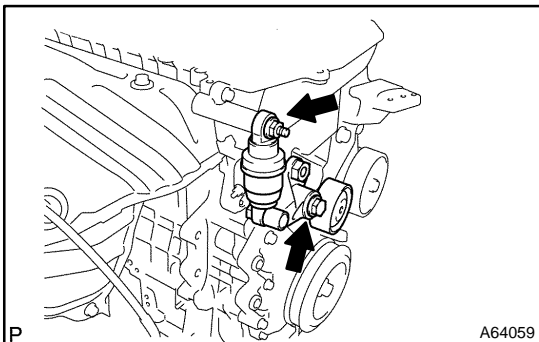
- 103. INSTALL EXHAUST MANIFOLD HEAT INSULATOR NO.1 (2WD DRIVE TYPE)**
 (a) Install the exhaust manifold heat insulator with the 4 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)



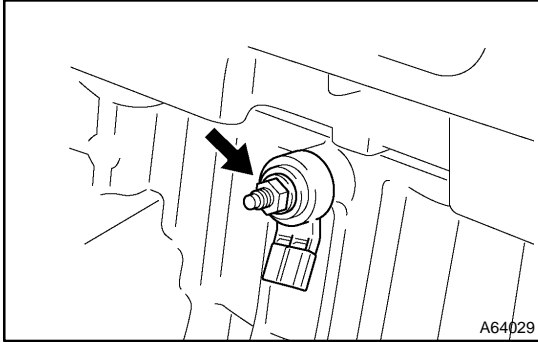
- 104. INSTALL MANIFOLD STAY (2WD DRIVE TYPE)**
 (a) Install the manifold stay with the 3 bolts.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)



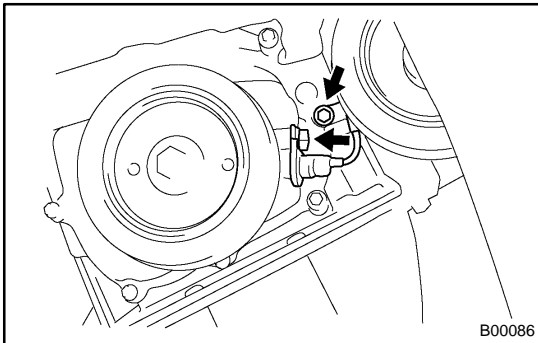
- 105. INSTALL TRANSVERSE ENGINE MOUNTING BRACKET**
 (a) Install the transverse engine mounting bracket with the 3 bolts.
Torque: 47 N·m (479 kgf·cm, 35 ft·lbf)



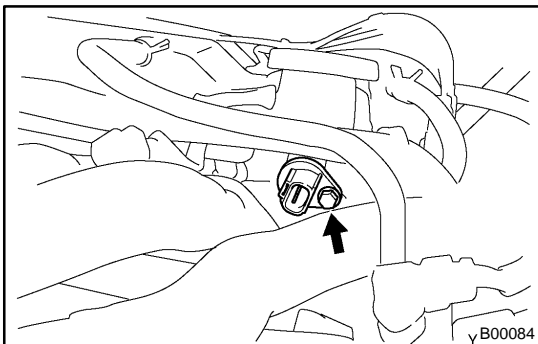
- 106. INSTALL V-RIBBED BELT TENSIONER ASSY**
 (a) Install the V-ribbed belt tensioner with the bolt and nut.
Torque:
Nut 29 N·m (296 kgf·cm, 21 ft·lbf)
Bolt 69 N·m (704 kgf·cm, 51 ft·lbf)

**107. INSTALL KNOCK CONTROL SENSOR**

- (a) Install the knock control sensor with the nut.
Torque: 20 N·m (204 kgf·cm, 15 ft·lbf)

**108. INSTALL CRANK POSITION SENSOR**

- (a) Install the crank position sensor with the 2 bolts.
Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

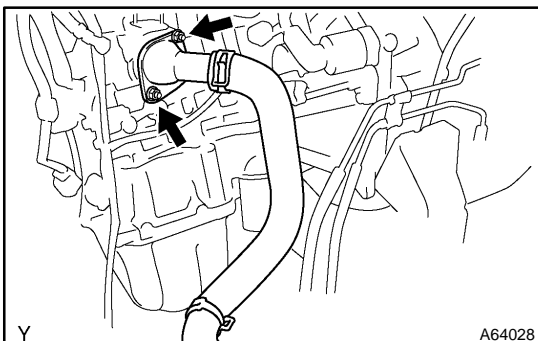
**109. INSTALL CRANK POSITION SENSOR NO.1**

- (a) Install the cam position sensor with the bolts.
Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

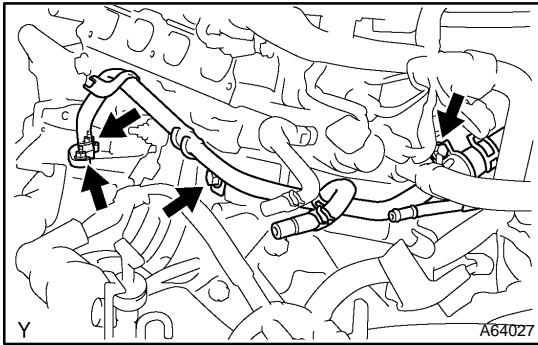
110. INSTALL ENGINE OIL PRESSURE SWITCH ASSY (See page 17-1)

Adhesive: Part No.08833 - 00080, THREE BOND 1344.

SST 09268-46021

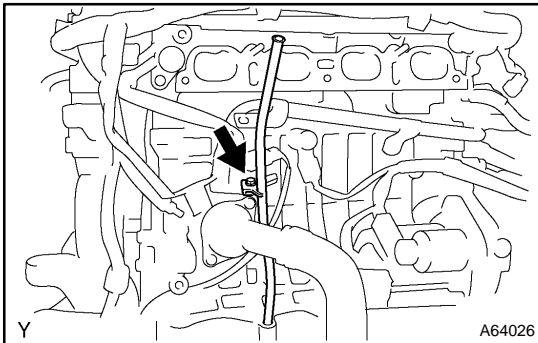
111. INSTALL THERMOSTAT (See page 16-13)**112. INSTALL WATER INLET**

- (a) Install the water inlet with the 2 nuts.
Torque: 11 N·m (112 kgf·cm, 8 ft·lbf)

**113. INSTALL WATER BY-PASS PIPE NO.1**

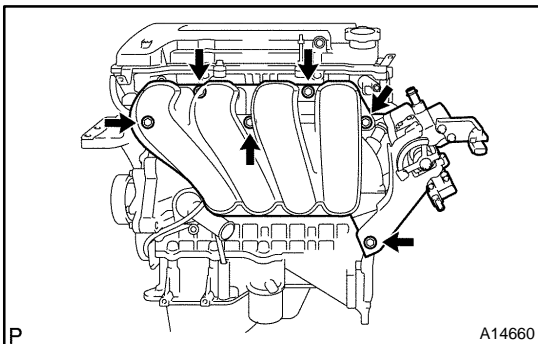
- (a) Install a new gasket and water by-pass with the 2 nuts and 2 bolts.

Torque: 9.0 N·m (92 kgf·cm, 80 in.-lbf)

**114. INSTALL OIL LEVEL GAGE GUIDE**

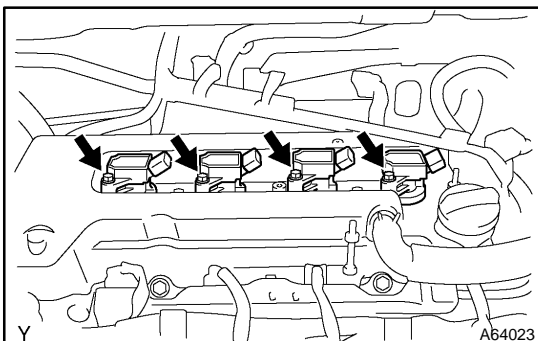
- (a) Apply a light coat of a new O-ring and install it to the oil level gage guide.
- (b) Install the oil level gage guide with the bolt.

Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)

**115. INSTALL INTAKE MANIFOLD**

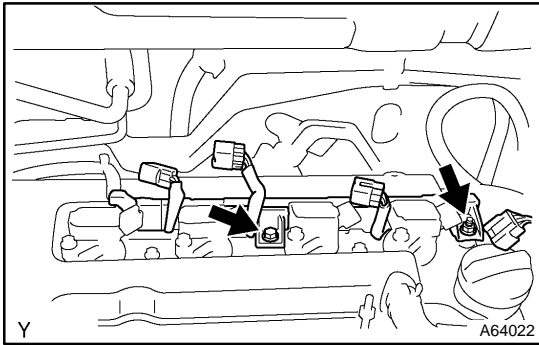
- (a) Install a new gasket to the intake manifold.
- (b) Install the intake manifold and throttle body assembly with the 2 brackets, 4 bolts and 2 nuts. Uniformly tighten the bolts and nuts in several passes.
- (c) Connect the 2 vacuum hoses to the intake manifold.
- (d) Connect the 2 water hoses to the throttle body.

Torque: 30 N·m (306 kgf·cm, 22 ft·lbf)

116. INSTALL FUEL DELIVERY PIPE SUB-ASSY (See page 11-10)**117. INSTALL IGNITION COIL ASSY**

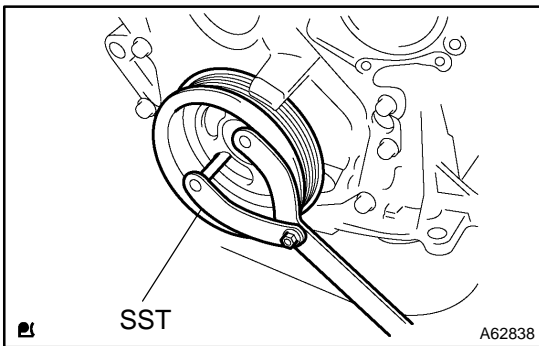
- (a) Install the 4 ignition coils with the 4 bolts.

Torque: 9.0 N·m (92 kgf·cm, 80 in.-lbf)



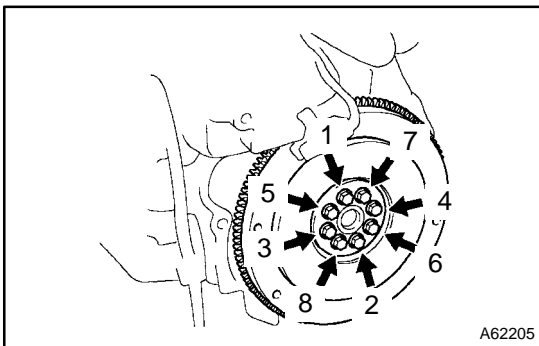
- (b) Install the engine wire with the bolt and nut.
Torque: 9.0 N·m (92 kgf·cm, 80 in·lbf)

118. INSTALL GENERATOR ASSY (See page 19-15)

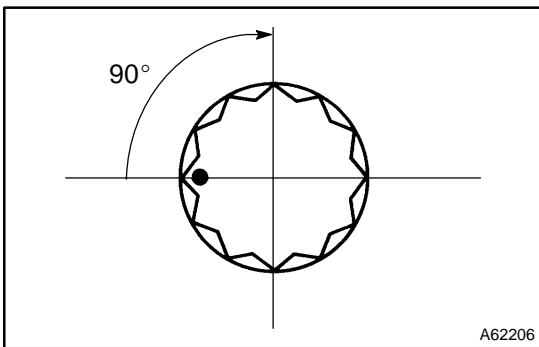


119. INSTALL FLYWHEEL SUB-ASSY (M/T TRANSAXLE)

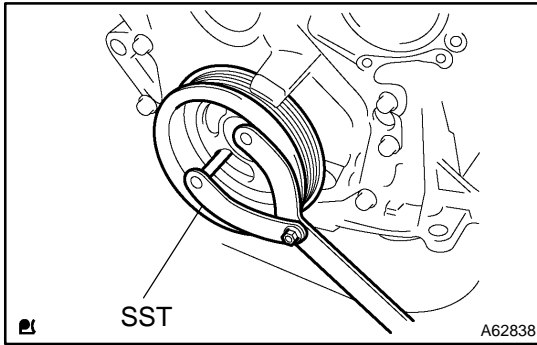
- (a) Fix the crankshaft with SST.
SST 09960-10010 (09962-01000, 09963-01000)



- (b) Clean the bolt and bolt hole.
- (c) Apply adhesive to the bolts.
Adhesive:
Part No. 09330-00070, THREE BOND or equivalent.
- (d) Install and uniformly tighten the 8 bolts, in several passes, in the sequence shown.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

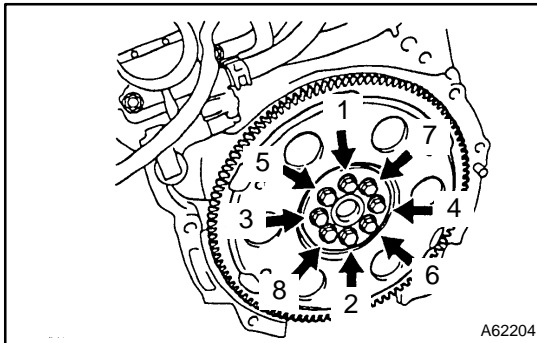


- (e) Mark the bolts with paint.
- (f) Retighten the bolts by an additional 90°.
- (g) Check that the point marked bolts are moved at 90° angle.



120. INSTALL DRIVE PLATE & RING GEAR SUB-ASSY (A/T TRANSAXLE)

- (a) Fix the crankshaft with SST.
SST 09960-10010 (09962-01000, 09963-01000)



- (b) Clean the bolt and bolt hole.
(c) Apply adhesive to the bolts.
Adhesive:
Part No. 09330-00070, THREE BOND or equivalent.
(d) Install and uniformly tighten the 8 bolts, in several passes, in the sequence shown.
Torque: 88 N·m (897 kgf·cm, 65 ft·lbf)

121. INSTALL CLUTCH DISC ASSY (M/T TRANSAXLE) (See page 42-18)

SST 09301-00210

122. INSTALL CLUTCH COVER ASSY (M/T TRANSAXLE) (See page 42-18)

SST 09301-00210

123. INSTALL MANUAL TRANSAXLE ASSY (M/T TRANSAXLE) (See page 41-17)

124. INSTALL AUTOMATIC TRANSAXLE ASSY (A/T TRANSAXLE, 2WD DRIVE TYPE)

(See page 40-12)

125. INSTALL AUTOMATIC TRANSAXLE ASSY (A/T TRANSAXLE, 4WD DRIVE TYPE)

(See page 40-36)

126. INSTALL TRANSFER ASSY (4WD DRIVE TYPE) (See page 31-11)

127. INSTALL TRANSFER STIFFENER PLATE RH (4WD DRIVE TYPE) (See page 31-11)

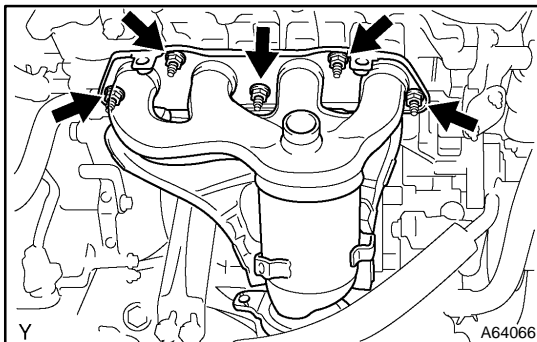
128. INSTALL TRANSFER STIFFENER PLATE CENTER (4WD DRIVE TYPE) (See page 31-11)

129. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET (4WD DRIVE TYPE)

(See page 31-11)

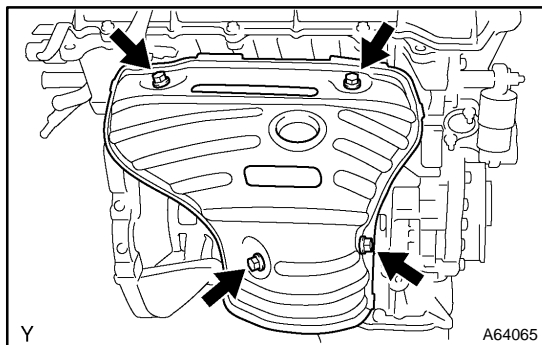
130. INSTALL FRONT DRIVE SHAFT ASSY RH (4WD DRIVE TYPE) (See page 31-11)

131. INSTALL STARTER ASSY (See page 19-3)



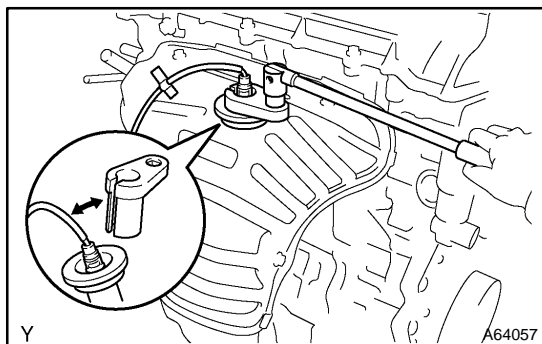
132. INSTALL EXHAUST MANIFOLD (4WD DRIVE TYPE)

- (a) Install a new gasket and the exhaust manifold with the 5 nuts.
Torque: 37 N·m (377 kgf·cm, 27 ft·lbf)



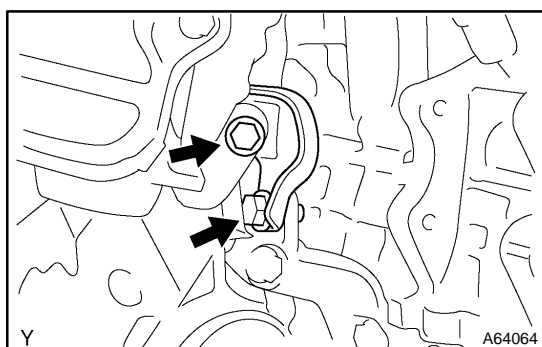
133. INSTALL EXHAUST MANIFOLD HEAT INSULATOR NO.1 (4WD DRIVE TYPE)

- (a) Install the exhaust manifold heat insulator with the 4 bolts.
Torque: 18 N·m (184 kgf·cm, 13 ft·lbf)



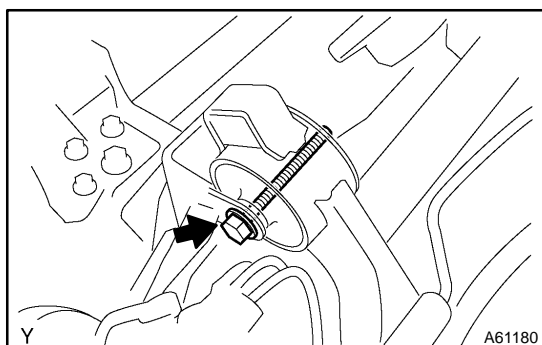
134. INSTALL OXYGEN SENSOR (4WD DRIVE TYPE)

- (a) Using SST, install the oxygen sensor.
 SST 09224-00010
Torque: 44 N·m (450 kgf·cm, 33 ft·lbf)



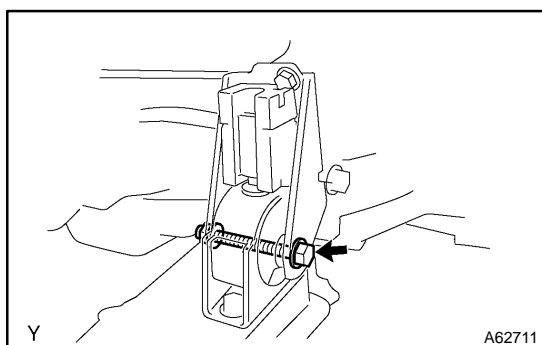
135. INSTALL MANIFOLD STAY (4WD DRIVE TYPE)

- (a) Install the manifold stay with the 2 bolts.
Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)



136. INSTALL FRONT SUSPENSION CROSSMEMBER W/CENTER MEMBER

- (a) Attach the engine and transaxle assembly to the suspension crossmember and engine mounting member.
 (b) Install the bolt holding the rear engine mounting bracket to the mounting insulator.
Torque: 87 N·m (887 kgf·cm, 64 ft·lbf)

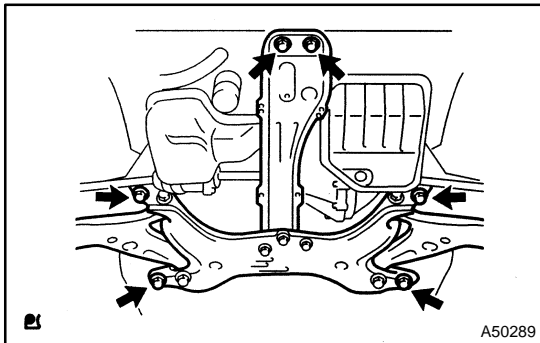


- (c) Install the bolt holding the front engine mounting bracket to the mounting insulator.
Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)

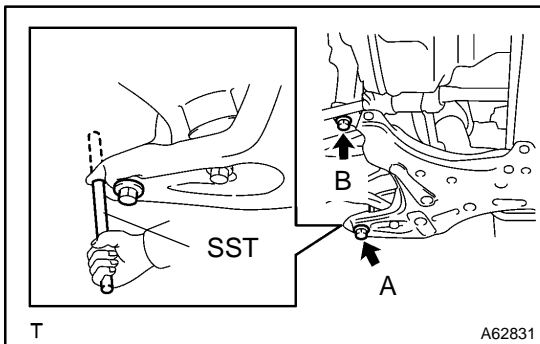
137. INSTALL RACK & PINION POWER STEERING GEAR ASSY (4WD DRIVE TYPE)

(see page 51-8)

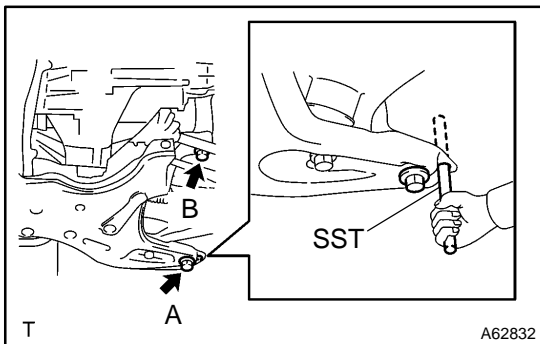
SST 09023-38200

138. INSTALL VANE PUMP ASSY (See page 51-8)**139. INSTALL ENGINE ASSEMBLY WITH TRANSAXLE**

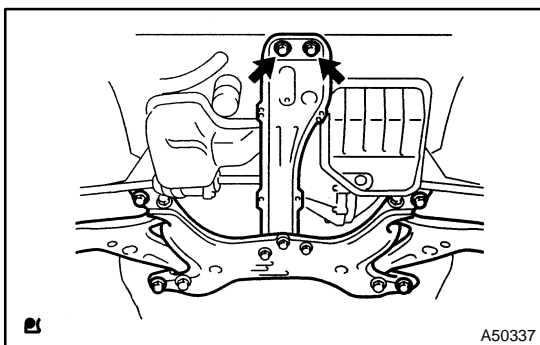
- (a) Set the engine with transaxle on the engine lifter.
- (b) Install the engine with transaxle to the vehicle.
- (c) Temporarily, install the suspension crossmember and 6 bolts.
- (d) Install the engine mounting insulator LH.
Torque: 80 N·m (816 kgf·cm, 59 ft·lbf)
- (e) Install the engine mounting insulator RH.
Torque: 52 N·m (530 kgf·cm, 38 ft·lbf)



- (f) Insert SST to the positioning holes on the right handle crossmember and on the right-handle of the vehicle.
SST 09670-00010
- (g) Temporarily tighten the bolt A first, then Bolt B.



- (h) Insert SST to the positioning holes on the left handle crossmember and on the left-handle of the vehicle.
SST 09670-00010
- (i) Temporarily tighten the bolt A first, then Bolt B.
- (j) Insert SST to the positioning holes on the right-handle crossmember and right-handle of the vehicle, then tighten the bolts with a specified torque.
- (k) Insert SST to the positioning holes on the right-handle crossmember and left-handle of the vehicle, then tighten the bolts with a specified torque.
SST 09670-00010

Torque:**Bolt A 157N·m (1,601 kgf·cm, 116 ft·lbf)****Bolt B 113N·m (1,152 kgf·cm, 83 ft·lbf)**

- (l) Tighten the 2 bolts, as shown in the illustration.

Torque: 39 N·m (398 kgf·cm, 29 ft·lbf)**NOTICE:**

After installing the crossmember, check that the positioning holes on the crossmember and vehicle are aligned with each other.

140. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 LH (See page 30-15)

141. INSTALL FRONT SUSPENSION ARM SUB-ASSY LOWER NO.1 RH

HINT:

Perform the same procedure as above on the opposite side.

142. INSTALL FRONT STABILIZER LINK ASSY LH (See page 51-22)

143. INSTALL FRONT STABILIZER LINK ASSY RH

HINT:

Perform the same procedure as above on the opposite side.

144. INSTALL TIE ROD END SUB-ASSY LH (See page 30-15)

145. INSTALL TIE ROD END SUB-ASSY RH

HINT:

Perform the same procedure as above on the opposite side.

146. INSTALL FRONT AXLE HUB LH NUT (See page 30-15)

147. INSTALL FRONT AXLE HUB RH NUT

HINT:

Perform the same procedure as above on the opposite side.

**148. TEMPORARY TIGHTEN PROPELLER W/CENTER BEARING SHAFT ASSY (4WD DRIVE TYPE)
(See page 30-6)**

149. INSTALL EXHAUST PIPE ASSY FRONT (See page 15-4)

150. INSTALL EXHAUST PIPE ASSY CENTER (4WD DRIVE TYPE) (See page 11-51)

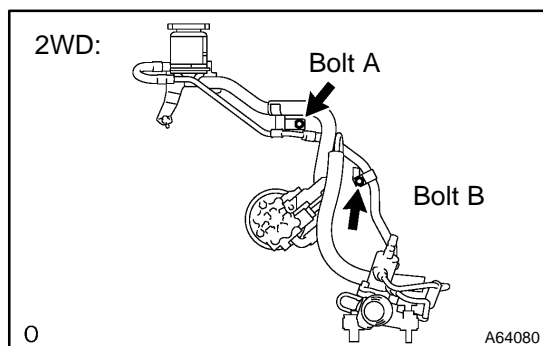
151. INSTALL FLOOR PANEL BRACE FRONT

(a) Install front floor panel brace with the 2 nuts.

Torque: 30 N·m (306 kgf·cm, 22 ft·lbf)

152. INSTALL FRONT SEAT ASSY RH (4WD DRIVE TYPE) (See page 72-2)

153. INSTALL STEERING INTERMEDIATE SHAFT (See page 51-22)



154. INSTALL RETURN TUBE SUB-ASSY

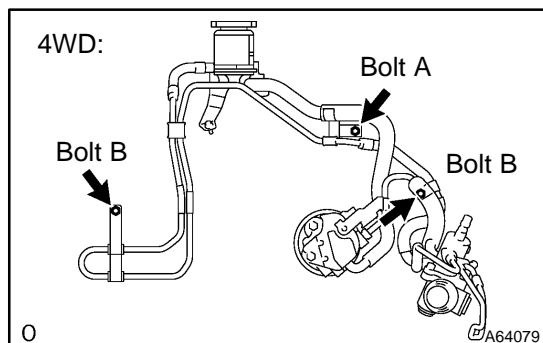
(a) 2WD

(1) Install the return tube with 2 bolts.

Torque:

Bolt A 5.0 N·m (51 kgf·cm, 44 in·lbf)

Bolt B 7.8 N·m (80 kgf·cm, 69 in·lbf)



(b) 4WD

(1) Install the return tube with 3 bolts.

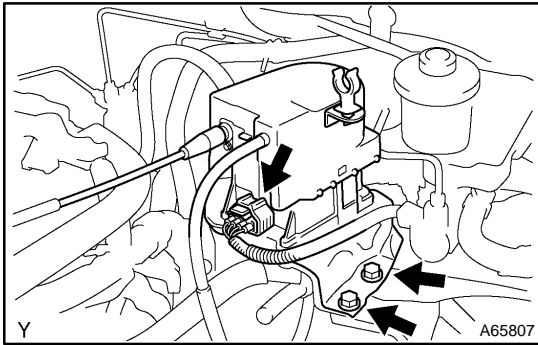
Torque:

Bolt A 5.0 N·m (51 kgf·cm, 44 in·lbf)

Bolt B 7.8 N·m (80 kgf·cm, 69 in·lbf)

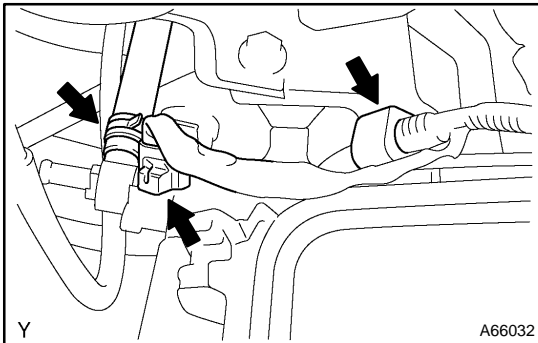
155. INSTALL COMPRESSOR AND MAGNETIC CLUTCH (W/ AIR CONDITIONER) (See page 55-40)

156. INSTALL CLUTCH RELEASE CYLINDER ASSY (M/T TRANSAXLE)(See page 41-17)



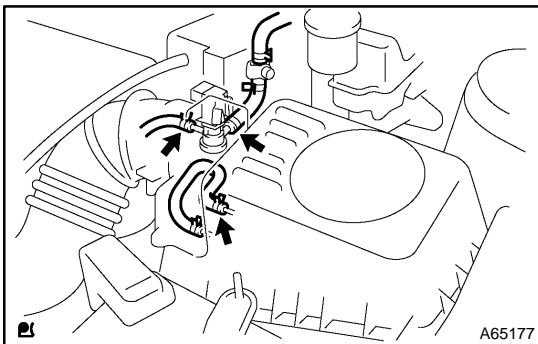
157. INSTALL CRUISE CONTROL ACTUATOR ASSY (W/ CRUISE CONTROL)

- (a) Install the actuator with the 2 bolts.
Torque: 6.0 N·m (61 kgf·cm, 53 in·lbf)
- (b) Connect the actuator connector.

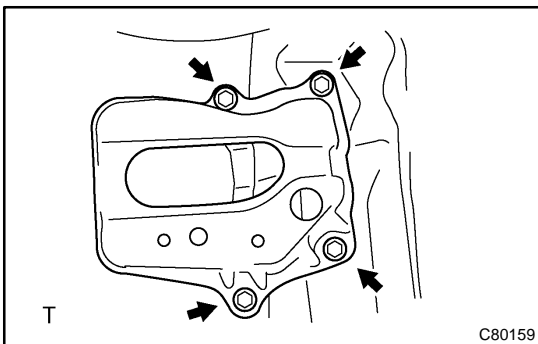


158. INSTALL AIR CLEANER ASSEMBLY WITH HOSE

- (a) Install the air cleaner case with the 3 bolts.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)
- (b) Connect the wire harness clamp, connector and hose.
- (c) Install the air filter.
- (d) Install the air cleaner cap.
- (e) Connect the air cleaner hose.



- (f) Connect 3 vacuum hoses, as shown in the illustration.
- (g) Connect the VSV connector.
- (h) Connect the intake air flow meter connector.



159. INSTALL BATTERY CARRIER

- (a) Install the battery carrier with the 4 bolts.
Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)

160. INSTALL BATTERY

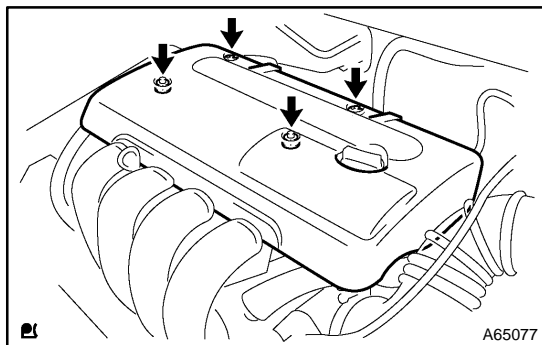
Torque:

Bolt 5.0 N·m (51 kgf·cm, 44 in·lbf)

Nut 3.0 - 4.0 N·m (31 - 41 kgf·cm, 27 - 35 in·lbf)

161. INSTALL RADIATOR SUPPORT UPPER (W/ AIR CONDITIONER)

- (a) Install the 2 radiator support uppers with the 2 bolts.
Torque: 19 N·m (194 kgf·cm, 14 ft·lbf)

**162. INSTALL CYLINDER HEAD COVER NO.2**

- (a) Install the cylinder head cover with the 2 nuts and 2 clips.
Torque: 7.0 N·m (71 kgf·cm, 62 in·lbf)

163. INSTALL FRONT WHEELS

Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

164. ADD TRANSFER OIL (4WD DRIVE TYPE)

- (a) Install a new gasket and the filler plug.

Torque: 49 N·m (500 kgf·cm, 36 ft·lbf)

165. ADD AUTOMATIC TRANSAXLE FLUID (4WD DRIVE TYPE)**166. ADD ENGINE OIL****167. ADD COOLANT (See page 16-6)****168. CHECK ENGINE OIL LEAK****169. CHECK ENGINE COOLANT LEAK (See page 16-6)****170. CHECK FUEL LEAK****171. CHECK EXHAUST GAS LEAK****172. INSPECT CHECK IDLE SPEED AND IGNITION TIMING (See page 14-1)**

SST 09843-18040

173. INSPECT CO/HC (See page 14-1)**174. INSPECT AND ADJUST FRONT WHEEL ALIGNMENT (See page 26-6)****175. CHECK ABS SPEED SENSOR SIGNAL**