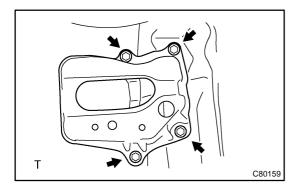
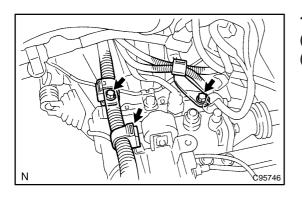
# REPLACEMENT

- 1. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
- 2. SEPARATE STEERING INTERMEDIATE SHAFT (See page 51–22)
- 3. REMOVE FRONT WHEELS
- 4. REMOVE ENGINE UNDER COVER LH
- 5. REMOVE ENGINE UNDER COVER RH
- 6. REMOVE EXHAUST PIPE (See page 15-4 or 15-9)
- 7. DRAIN TRANSAXLE OIL
- 8. REMOVE HOOD SUB-ASSY
- 9. REMOVE CYLINDER HEAD COVER NO.2
- (a) C59 T/M: Remove the 2 nuts caps,clips and No.2 cylinderhead cover.
  (b) C60 T/M:
  - Remove the 3 bolts, nut and No.2 cylinderhead cover.
- 10. REMOVE AIR CLEANER ASSY
- 11. REMOVE BATTERY CLAMP SUB-ASSY
- 12. REMOVE BATTERY
- 13. REMOVE BATTERY TRAY



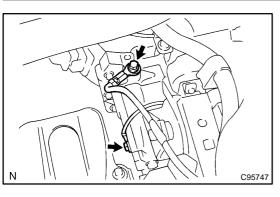
- 14. REMOVE BATTERY CARRIER
- (a) Remove the 4 bolts and battery carrier.

15. REMOVE CRUISE CONTROL ACTUATOR ASSY (W/ CRUISE CONTROL) (See page 82–5)

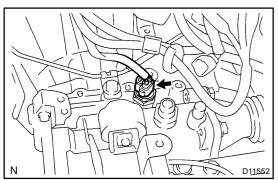


#### 16. DISCONNECT WIRE HARNESS

- (a) Disconnect the wire harness clamp.
- (b) Remove the 2 bolts and disconnect the 2 wire harness brackets.

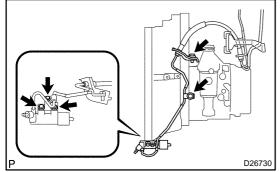


(c) Remove the 2 bolts and 2 ground cables.

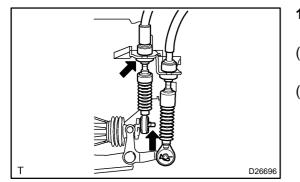


- 17. DISCONNECT CONNECTOR
- (a) Disconnect the back-up lamp switch connector.

- N 0011558
- (b) w/o ABS: Disconnect the speed sensor connector.

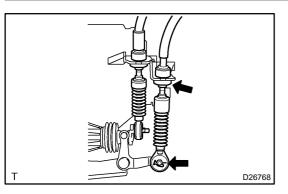


- 18. (a)
- 18. SEPARATE CLUTCH RELEASE CYLINDER ASSY
  - ) Remove the 5 bolts, separate the release cylinder assy with clutch piping from the transaxle.



- 19. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT
- (a) Remove the clip, washer and disconnect the shift cable from the transaxle.
- (b) Remove the clip and disconnect the shift cable from the bracket.

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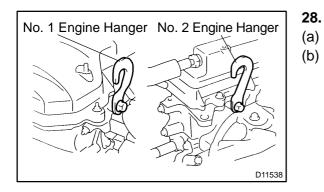
- 20. SEPARATE FLOOR SHIFT CABLE TRANSMISSION CONTROL SELECT
- (a) Remove the clip, washer and disconnect the select cable from the transaxle.
- (b) Remove the clip and disconnect the select cable from the bracket.

# N D11561

#### 21. REMOVE STARTER ASSY

- (a) Remove the nut and disconnect the starter wire.
- (b) Disconnect the connector.
- (c) Remove the 2 bolts and starter assy.

- 22. DISCONNECT TIE ROD END SUB-ASSY LH (See page 51-22) SST 09628-62011
- 23. DISCONNECT TIE ROD END SUB-ASSY RH (See page 51-22) SST 09628-62011
- 24. DISCONNECT PRESSURE FEED TUBE ASSY (See page 51–22) SST 09023–38400
- 25. DISCONNECT RETURN TUBE SUB-ASSY (See page 51-22) SST 09023-38400
- **26.** REMOVE FRONT DRIVE SHAFT ASSY LH (See page 30–15 or 30–32) SST 09520–01010, 09520–24010 (09520–32040)
- **27.** REMOVE FRONT DRIVE SHAFT ASSY RH (See page 30–15 or 30–32) SST 09520–01010, 09520–24010 (09520–32040)



# 28. SUSPEND ENGINE ASSY

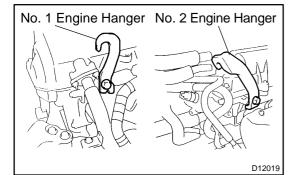
(a) Remove the 2 PCV hoses.

Install the No.1 and No.2 engine hangers in the correct direction.

Parts No.:

C59 T/M:

No.1 engine hanger: 12281–22021 No.2 engine hanger: 12281–15040 Bolt: 91512–B1016 Torque: 38 N·m (387 kgf·cm,28 ft·lbf) (c)



C60 T/M:

Install the No.1 and No.2 engine hangers in the correct direction.

Parts No.:

No.1 engine hanger: 12281–88600 No.2 engine hanger: 12282–88600 Bolt: 91512–61020

Torque: 38 N·m (387 kgf·cm,28 ft·lbf)

(d) Attach the engine chain hoist to the hangers.

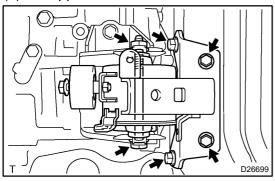
CAUTION:

Do not attempt to hang the engine by hooking the chain to any other part.

29. REMOVE FRONT SUSPENSION CROSSMEMBER SUB-ASSY (See page 26–15)

#### 30. SUPPORT MANUAL TRANSAXLE ASSY

(a) Support the transaxle with a transmission jack.

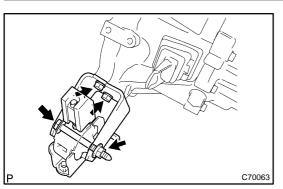


- 31. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING INSULATOR
- (a) Remove the 5 bolts, nut and engine mounting insulator LH from the body.

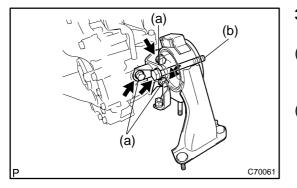
## 32. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

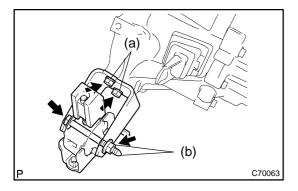
(a) Remove the 3 bolts and engine mounting bracket LH from the transaxle.

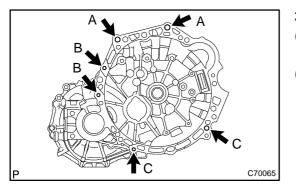
- 33. REMOVE MANUAL TRANSAXLE ASSY
- (a) Remove the 6 bolts and transaxle from the engine.



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34. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET

41–21

- (a) Remove the bolt, nut and engine mounting insulator FR from the engine mounting bracket FR.
- (b) Remove the 2 bolts and engine mounting bracket FR from the transaxle.
- 35. REMOVE TRANSVERSE ENGINE ENGINE MOUNTING BRACKET
- (a) Remove the bolt and engine mounting insulator RR from the engine mounting bracket RR.
- (b) Remove the 3 bolts and engine mounting bracket RR from the transaxle.
- 36. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET
- (a) Install the engine mounting bracket RR and 3 bolts to the transaxle.

Torque: 64 N·m (653 kgf·cm, 47 ft·lbf)

(b) Install the engine mounting insulator RR and bolt to the engine mounting bracket RR.

Torque: 87 N·m (888 kgf·cm, 64 ft lbf)

- 37. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET
- (a) Install the engine mounting bracket FR and 2 bolts to the transaxle.

Torque: 64 N·m (653 kgf·cm, 47 ft·lbf)

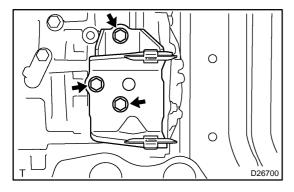
 (b) Install the engine mounting insulator FR, bolt and nut to the engine mounting bracket FR.
 Torrup: 52 N m (520 km and 28 ft lbf)

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

#### 38. INSTALL MANUAL TRANSAXLE ASSY

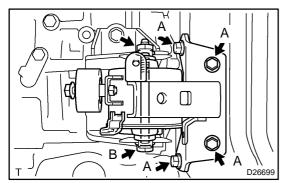
- (a) Align the input shaft with the clutch disc and install the transaxle to the engine.
- (b) Install the 6 bolts.
   Torque:
   Bolt A: 64 N⋅m (650 kgf⋅cm, 47 ft⋅lbf)
   Bolt B: 47 N⋅m (480 kgf⋅cm, 35 ft⋅lbf)
   Bolt C: 23 N⋅m (230 kgf⋅cm, 17 ft⋅lbf)

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- 39. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING BRACKET
- (a) Install the engine mounting bracket LH to the transaxle with the 3 bolts.

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



- 40. INSTALL TRANSVERSE ENGINE ENGINE MOUNTING INSULATOR
- (a) Install the engine mounting insulator LH with the 5 bolts and nut.

Torque: Bolt A: 52 N m (530 kgf cm, 38 ft lbf)

Bolt B: 80 N·m (816 kgf·cm, 59 ft·lbf)

- 41. INSTALL FRONT SUSPENSION CROSSMEMBER SUB-ASSY (See page 26-15) SST 09670-00010
- 42. INSTALL FRONT DRIVE SHAFT ASSY LH (See page 30–15 or 30–32)
- 43. INSTALL FRONT DRIVE SHAFT ASSY RH (See page 30–15 or 30–32)

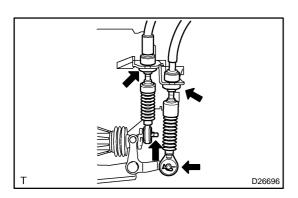
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- 44. CONNECT RETURN TUBE SUB-ASSY (See page 51-22) SST 09023-38400
- 45. CONNECT PRESSURE FEED TUBE ASSY (See page 51–22) SST 09023–38400
- 46. CONNECT TIE ROD END SUB-ASSY LH (See page 51–22)
- 47. CONNECT TIE ROD END SUB-ASSY RH (See page 51-22)

(a)

C

- 48. INSTALL STARTER ASSY
- (a) Install the starter assy and 2 bolts to the transaxle.
   Torque: 37 N·m (378 kgf·cm, 27 ft·lbf)
- (b) Connect the starter connector.
- Install the wire and nut to starter assy.
   Torque: 9.8 N·m (100 kgf·cm, 87 ft·lbf)

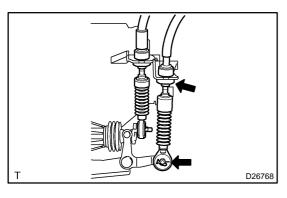


(b)

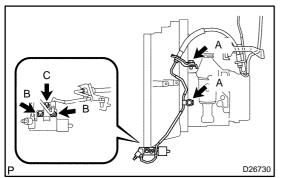
- 49. CONNECT FLOOR SHIFT CABLE TRANSMISSION CONTROL SHIFT
- (a) Connect the shift cable end, and install the washer and clip.

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- 50. FLOOR SHIFT CABLE TRANSMISSION CONTROL SELECT
- (a) Connect the select cable end, and install the washer and clip.

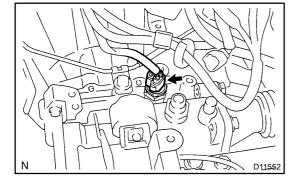


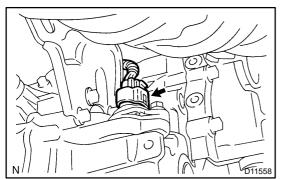
- 51. CONNECT CLUTCH RELEASE CYLINDER ASSY
- (a) Install the release cylinder with the 5 bolts.
   Torque: Bolt A: 25 N⋅m (250 kgf⋅cm, 19 ft⋅lbf)

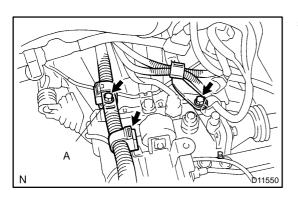
Bolt B: 12 N·m (120 kgf·cm, 9 ft·lbf) Bolt C: 5.0 N·m (51 kgf·cm, 44 ft·lbf)

#### 52. CONNECT CONNECTOR

(a) Connect the back-up lamp switch connector.







(b) w/o ABS: Connect the speed sensor connector.

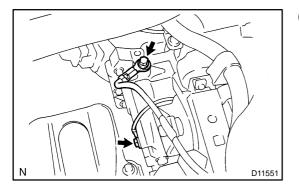
- 53. CONNECT WIRE HARNESS
- (a) Install the 2 wire harness clamps to the transaxle with the 2 bolts.

Torque:

## Bolt A: 25.5 N·m (260 kgf·cm, 19 ft·lbf)

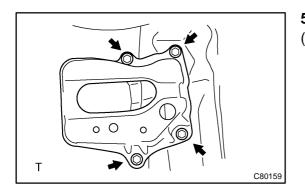
Bolt B: 12.8 N·m (131 kgf·cm, 9 ft·lbf)

(1) Connect the wire harness clamp.



(b) Install the 2 bolts and 2 ground cables. Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)

54. INSTALL CRUISE CONTROL ACTUATOR ASSY (W/ CRUISE CONTROL) (See page 82–5)



#### 55. INSTALL BATTERY CARRIER

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

- 56. INSTALL BATTERY TRAY
- 57. INSTALL BATTERY
- INSTALL BATTERY CLAMP SUB-ASSY Torque: Bolt: 5.0 N·m (51 kgf·cm, 44 in. lbf) Nut: 3.5 N·m (36 kgf·cm, 31 in. lbf)
- 59. INSTALL AIR CLEANER ASSY Torque: 7.0 N⋅m (71 kgf⋅cm, 62 in. lbf)
- 60. INSTALL CYLINDER HEAD COVER NO.2 Torque: 7.0 N·m (71 kgf·cm, 62 in. lbf)
- 61. INSTALL HOOD SUB-ASSY Torque: 13 N·m (133 kgf·cm, 10 ft·lbf)
- 62. INSPECT HOOD SUB-ASSY
- 63. ADJUST HOOD SUB-ASSY (See page 75–1)
- 64. ADD TRANSAXLE OIL (See page 41–2)
- 65. INSPECT TRANSAXLE OIL (See page 41–2)
- 66. INSTALL FRONT WHEELS Torque: 103 N⋅m (1,050 kgf⋅cm, 76 ft⋅lbf)
- 67. INSTALL STEERING COLUMN HOLE COVER SUB-ASSY NO.1
- 68. CONNECT STEERING INTERMEDIATE SHAFT (See page 51–22)
- 69. PLACE FRONT WHEELS FACING STRAIGHT AHEAD
- 70. CENTER SPIRAL CABLE (See page 60–22)
- 71. STEERING WHEEL CENTER POINT (See page 50–8)
- 72. INSTALL EXHAUST PIPE (See page 15–4 or 15–9)
- 73. INSTALL ENGINE UNDER COVER LH

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- 74. INSTALL ENGINE UNDER COVER RH
- 75. INSPECT FRONT WHEEL ALIGNMENT (See page 26–6)
- 76. CHECK ABS SPEED SENSOR SIGNAL (See page 05–316)