

PARKING BRAKE SYSTEM

3300E-08

PROBLEM SYMPTOMS TABLE

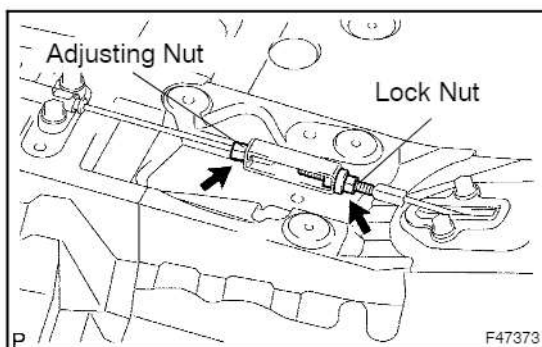
Use the table below to help find the cause of the problem. The likely causes are displayed in numerical order. Check each part in order and replace each part if necessary.

Symptoms	Suspected Area	See Page
Brake drag	1. Parking brake pedal travel (misadjusted)	33-2
	2. Parking brake wire (Sticking)	33-19
		33-23
		33-26
		33-30
	3. Parking brake shoe clearance (misadjusted)	33-33
	4. Parking brake shoe (Cracked or distorted)	33-33
	5. Tension spring (Damaged)	33-33

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ADJUSTMENT

1. REMOVE REAR WHEEL
2. ADJUST PARKING BRAKE SHOE CLEARANCE ([SEE PAGE 33-33](#))
3. INSTALL REAR WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
4. CHECK PARKING BRAKE PEDAL TRAVEL
 - (a) Strongly step on the parking brake pedal.
 - (b) Release the parking brake.
 - (c) Slowly depress the parking brake pedal all the way again and count the number of clicks.
Parking brake pedal travel: 6 to 9 clicks at 300 N (31 kgf)



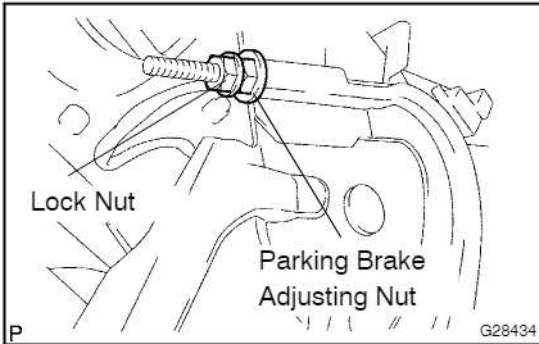
5. ADJUST PARKING BRAKE PEDAL TRAVEL

- (a) LHD:
 - (1) Remove the console panel sub-assy upper ([see page 71-17](#)).
 - (2) Remove the console box carpet ([see page 71-17](#)).
 - (3) Remove the console box assy RR ([see page 71-17](#)).
 - (4) Remove the front floor footrest ([see page 50-8](#)).
 - (5) Depress the parking brake pedal until it clicks 5 times. Hold the parking brake cable assy No.1 turnbuckle using a wrench and loosen the parking brake cable assy No.4 lock nut.
 - (6) Release the parking brake pedal.
 - (7) Turn the parking brake cable No.1 turnbuckle until parking brake travel falls within the specified range.
 - (8) Hold the parking brake cable assy No.1 turnbuckle using a wrench and tighten the parking brake cable assy No.4 lock nut.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

NOTICE:

- Do not twist the parking brake cable assy No.4.
 - Install the parking brake cable assy No.4 with the red surface facing up.
- (9) Count the number of clicks after depressing and releasing the parking brake pedal 3 to 4 times.
 - (10) Check whether the parking brake drags or not.
 - (11) When operating the parking brake pedal, check that the parking brake pedal indicator light comes on.
 - (12) Install the front floor footrest ([see page 50-8](#)).



(b) RHD:

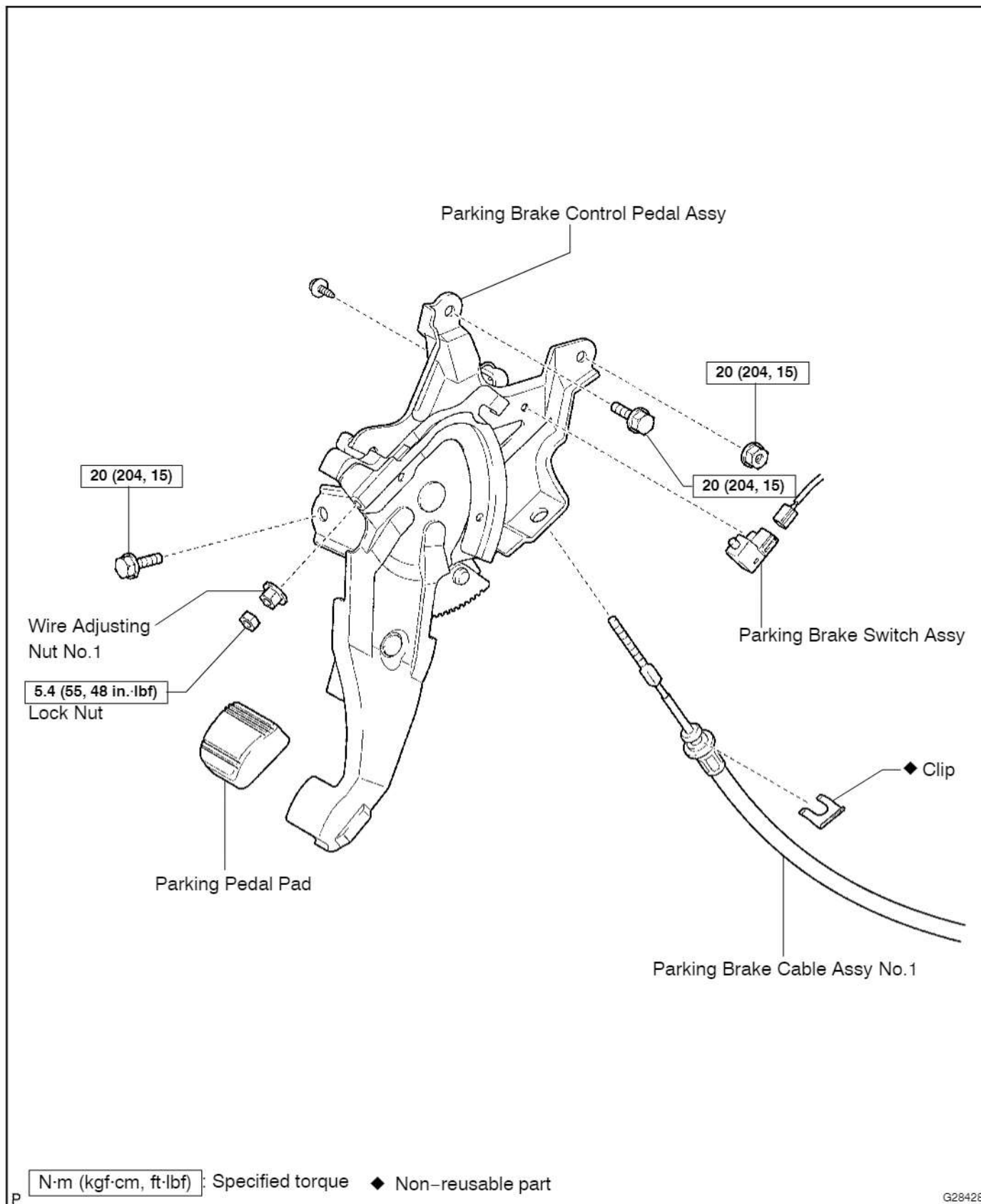
- (1) Remove the instrument panel finish panel LWR (see page 71-7).
- (2) Depress the parking brake pedal until it clicks 5 times. Hold the adjusting nut using a wrench and loosen the lock nut.
- (3) Release the parking brake pedal.
- (4) Turn the parking brake wire adjusting nut until the parking brake pedal travel is correct.
- (5) Hold the parking brake adjusting nut using a spanner or equivalent tool and tighten the lock nut.

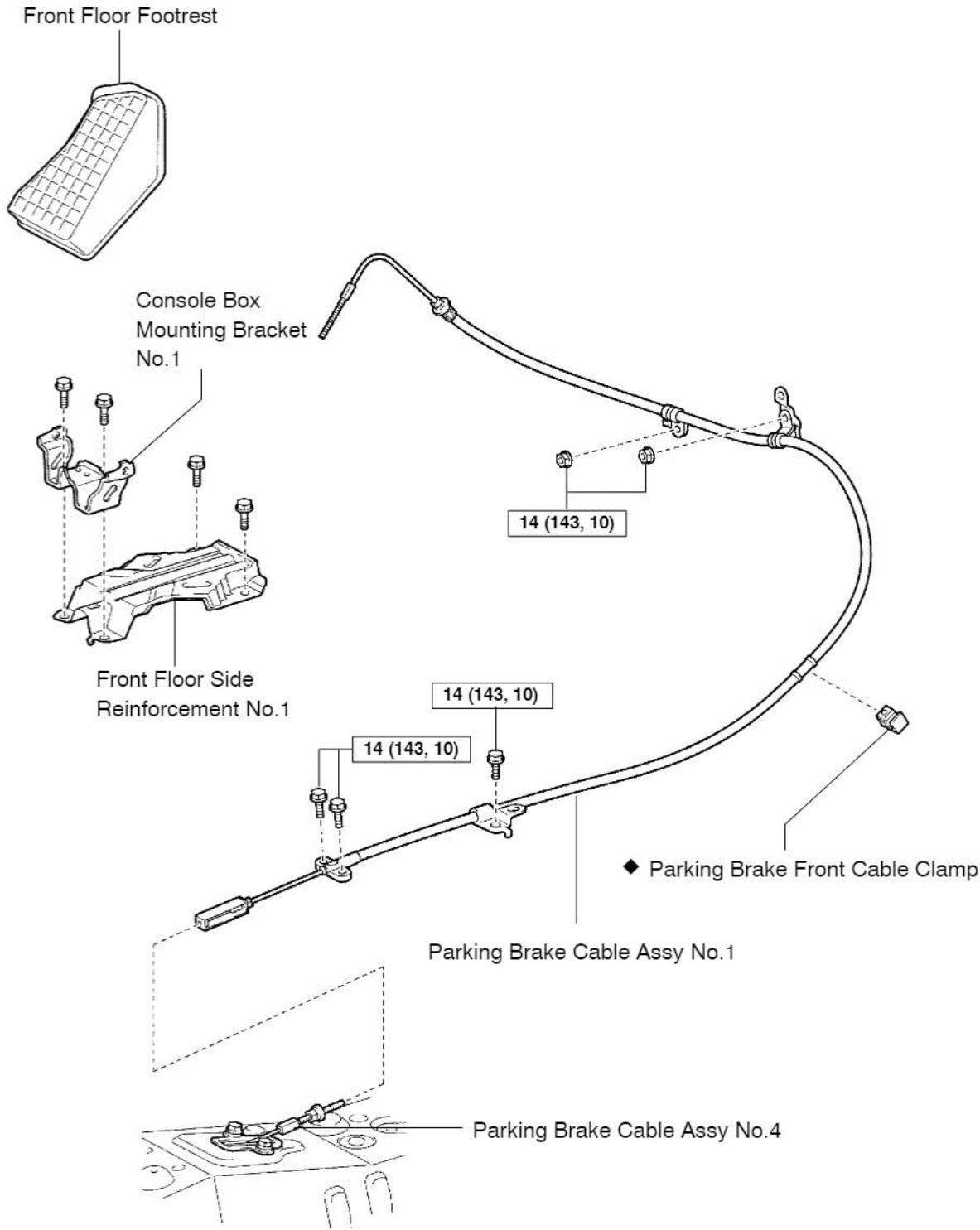
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

- (6) Count the number of clicks after depressing and releasing the parking brake pedal 3 to 4 times.
- (7) Check whether the parking brake drags or not.
- (8) When operating the parking brake pedal, check that the parking brake pedal indicator light comes on.

PARKING BRAKE CONTROL PEDAL ASSY (LHD) COMPONENTS

330FC-01





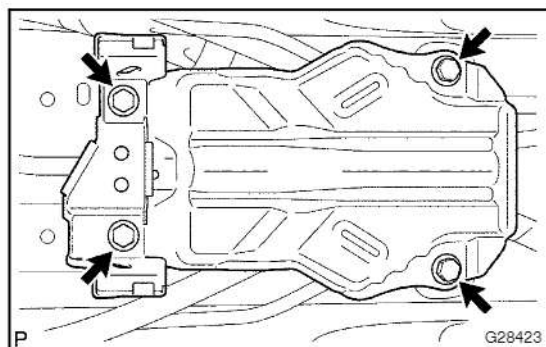
N·m (kgf·cm, ft·lbf) : Specified torque ♦ Non-reusable part

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OVERHAUL

1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (SEE PAGE 55-18)
SST 07110-58060 (07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)
2. DISCONNECT SUCTION HOSE SUB-ASSY (SEE PAGE 55-18)
SST 09870-00015
3. DISCONNECT COOLER REFRIGERANT LIQUID PIPE E (TO COOLER UNIT) (SEE PAGE 55-18)
SST 09870-00025
4. DISCONNECT HEATER WATER HOSE B (SEE PAGE 55-18)
5. DISCONNECT HEATER WATER HOSE A (SEE PAGE 55-18)
6. REMOVE REAR FLOOR BOARD NO.2 (SEE PAGE 21-120)
7. REMOVE DECK FLOOR BOX REAR (SEE PAGE 21-120)
8. REMOVE REAR FLOOR BOARD NO.3 (SEE PAGE 21-120)
9. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
10. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.1 (SEE PAGE 71-7)
11. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER (SEE PAGE 71-7)
12. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY UPPER (SEE PAGE 71-7)
13. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.3 (SEE PAGE 71-7)
14. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.4 (SEE PAGE 71-7)
15. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.2 (SEE PAGE 71-7)
16. REMOVE MULTI-DISPLAY ASSY (SEE PAGE 71-7)
17. REMOVE GLOVE COMPARTMENT DOOR STOPPER SUB-ASSY (SEE PAGE 71-7)
18. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-7)
19. REMOVE GLOVE COMPARTMENT DOOR (SEE PAGE 71-7)
20. REMOVE INSTR PANEL SPEAKER PANEL SUB-ASSY NO.1 W/CTR SPEAKER (SEE PAGE 71-7)
21. REMOVE FRONT PILLAR GARNISH CORNER PIECE LH (SEE PAGE 71-7)
22. REMOVE FRONT PILLAR GARNISH CORNER PIECE RH (SEE PAGE 71-7)
23. REMOVE FRONT PILLAR GARNISH LH (SEE PAGE 71-7)
24. REMOVE FRONT PILLAR GARNISH RH (SEE PAGE 71-7)
25. DISCONNECT PASSENGER AIRBAG CONNECTOR (SEE PAGE 71-7)
26. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)
27. REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 60-20)
28. REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 60-20)
29. REMOVE HORN BUTTON ASSY (SEE PAGE 60-20)
30. REMOVE STEERING WHEEL ASSY (SEE PAGE 50-8)
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)
31. REMOVE TILT LEVER BRACKET (SEE PAGE 50-8)
32. REMOVE STEERING COLUMN COVER (SEE PAGE 50-8)
33. REMOVE TURN SIGNAL SWITCH ASSY W/SPIRAL CABLE SUB-ASSY (SEE PAGE 50-8)
34. REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 76-29)
35. REMOVE FRONT DOOR SCUFF PLATE RH (SEE PAGE 76-29)
36. REMOVE COWL SIDE TRIM BOARD LH (SEE PAGE 76-29)
37. REMOVE COWL SIDE TRIM BOARD RH (SEE PAGE 76-29)
38. REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSY CENTER (SEE PAGE 71-13)
39. REMOVE RADIO RECEIVER ASSY W/STEREO OPENING COVER (SEE PAGE 71-13)
40. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (SEE PAGE 71-13)

41. REMOVE GLOVE COMPARTMENT DOOR LOCK COVER (SEE PAGE 71-13)
42. REMOVE GLOVE COMPARTMENT DOOR LOCK ASSY (SEE PAGE 71-13)
43. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER (SEE PAGE 71-13)
44. REMOVE INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.1 (SEE PAGE 71-13)
45. REMOVE POWER STEERING ECU ASSY (SEE PAGE 50-17)
46. REMOVE SHIFT LEVER ASSY LWR (SEE PAGE 22-69)
47. REMOVE AIR DUCT REAR NO.3 (SEE PAGE 55-18)
48. REMOVE HEATER TO REGISTER DUCT NO.3 (SEE PAGE 55-18)
49. REMOVE HEATER TO REGISTER DUCT NO.1 (SEE PAGE 55-18)
50. REMOVE HEATER TO REGISTER DUCT NO.2 (SEE PAGE 55-18)
51. REMOVE DEFROSTER NOZZLE ASSY (SEE PAGE 55-18)
52. REMOVE TRANSMISSION CONTROL ECU ASSY
53. REMOVE ECM (SEE PAGE 10-24)
54. REMOVE NETWORK GATEWAY ECU (SEE PAGE 67-26)
55. REMOVE INSTRUMENT PANEL BRACE SUB-ASSY NO.1 (SEE PAGE 55-18)
56. REMOVE AIR CONDITIONING AMPLIFIER ASSY (SEE PAGE 55-52)
57. REMOVE STEERING COLUMN ASSY (SEE PAGE 50-8)
58. REMOVE INSTRUMENT PANEL REINFORCEMENT ASSY (SEE PAGE 55-18)
59. REMOVE FRONT SEAT ASSY LH (SEE PAGE 72-2)
60. REMOVE FRONT SEAT ASSY RH
61. REMOVE CONSOLE PANEL SUB-ASSY UPPER (SEE PAGE 71-17)
62. REMOVE CONSOLE BOX POCKET (SEE PAGE 71-17)
63. REMOVE CONSOLE BOX CARPET (SEE PAGE 71-17)
64. REMOVE CONSOLE BOX ASSY RR (SEE PAGE 71-17)
65. REMOVE FRONT FLOOR FOOTREST (SEE PAGE 50-8)
66. REMOVE AIR BAG ECU ASSY (SEE PAGE 60-54)
67. REMOVE YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)

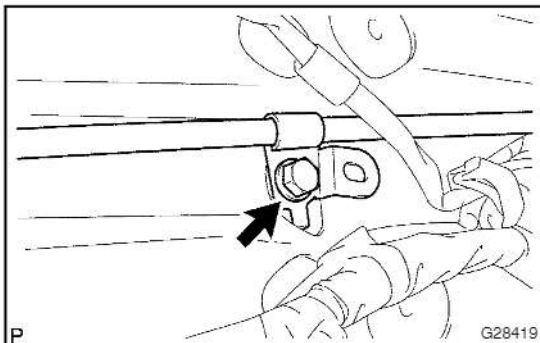
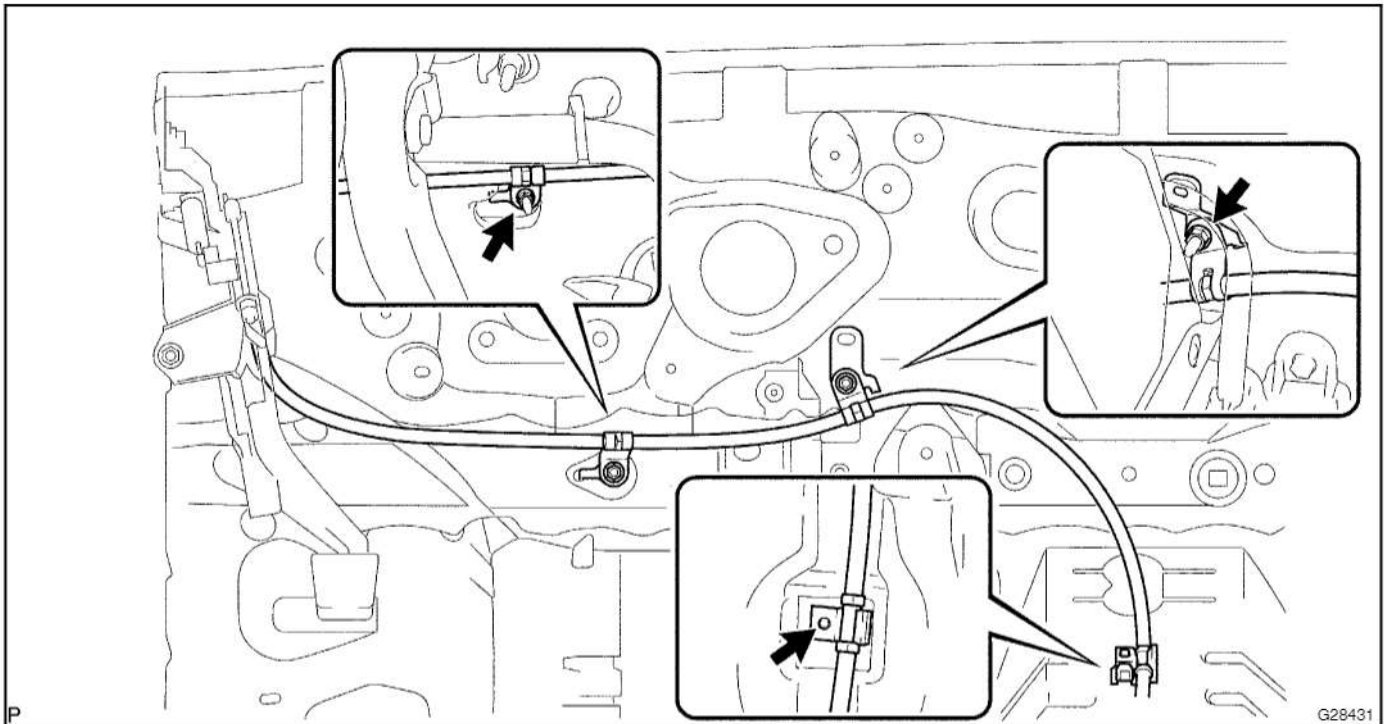


68. REMOVE CONSOLE BOX MOUNTING BRACKET NO.1

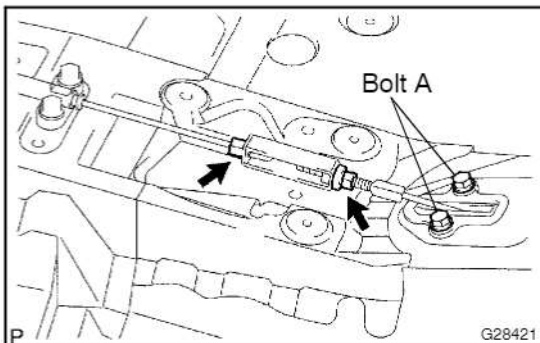
- (a) Remove the 2 bolts and separate the console box mounting bracket No.1.
- (b) Remove the 2 bolts and separate the front floor side reinforcement No.1.

69. REMOVE PARKING BRAKE CONTROL PEDAL ASSY

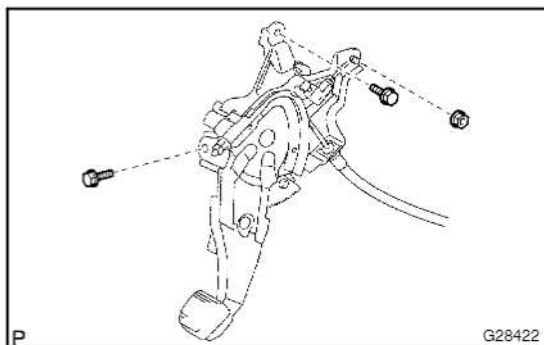
- (a) Release the parking brake.
- (b) Remove the 2 parking brake cable assy No.1 clamp nuts and parking brake front cable clamp.



- (c) Remove the clamp bolt from the parking brake cable assy No.1.



- (d) Hold the nut on the parking brake cable assy No.4 using a wrench. Loosen and disconnect the turnbuckle from the parking brake cable assy No.1.
- (e) Remove the 2 bolts A as shown in the illustration and separate the parking brake cable assy No.1 from the floor.
- (f) Disconnect the connector from the parking brake switch assy connector and remove the harness clamp from the pedal bracket.



- (g) Remove the 2 bolts, remove the nut, and separate the parking brake pedal assy.

70. REMOVE PARKING BRAKE CABLE ASSY NO.1 (SEE PAGE 33-19)

71. REMOVE PARKING BRAKE SWITCH ASSY

- (a) Remove the screw and separate the parking brake switch assy.

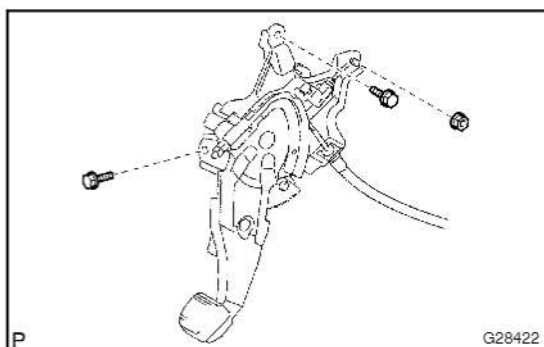
72. REMOVE PARKING PEDAL PAD

73. INSTALL PARKING PEDAL PAD

74. INSTALL PARKING BRAKE SWITCH ASSY

- (a) Install the parking brake switch assy with a screw.

75. INSTALL PARKING BRAKE CABLE ASSY NO.1 (SEE PAGE 33-19)

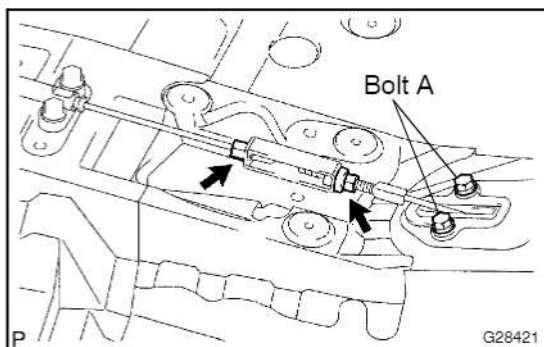


76. INSTALL PARKING BRAKE CONTROL PEDAL ASSY

- (a) Install the parking brake control pedal assy with 2 bolts and a nut.

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

- (b) Connect the parking brake switch connector and install the harness clamp to the pedal bracket.

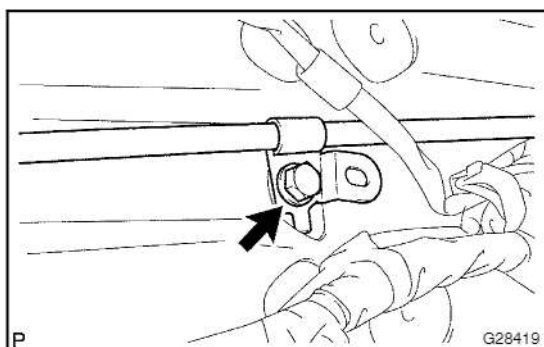


- (c) Hold the nut on the parking brake cable assy No.4 using a wrench. Tighten the turnbuckle of the parking brake cable assy No.1.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

- (d) Install the parking brake cable assy No.1 on the floor with 2 bolts A as shown in the illustration.

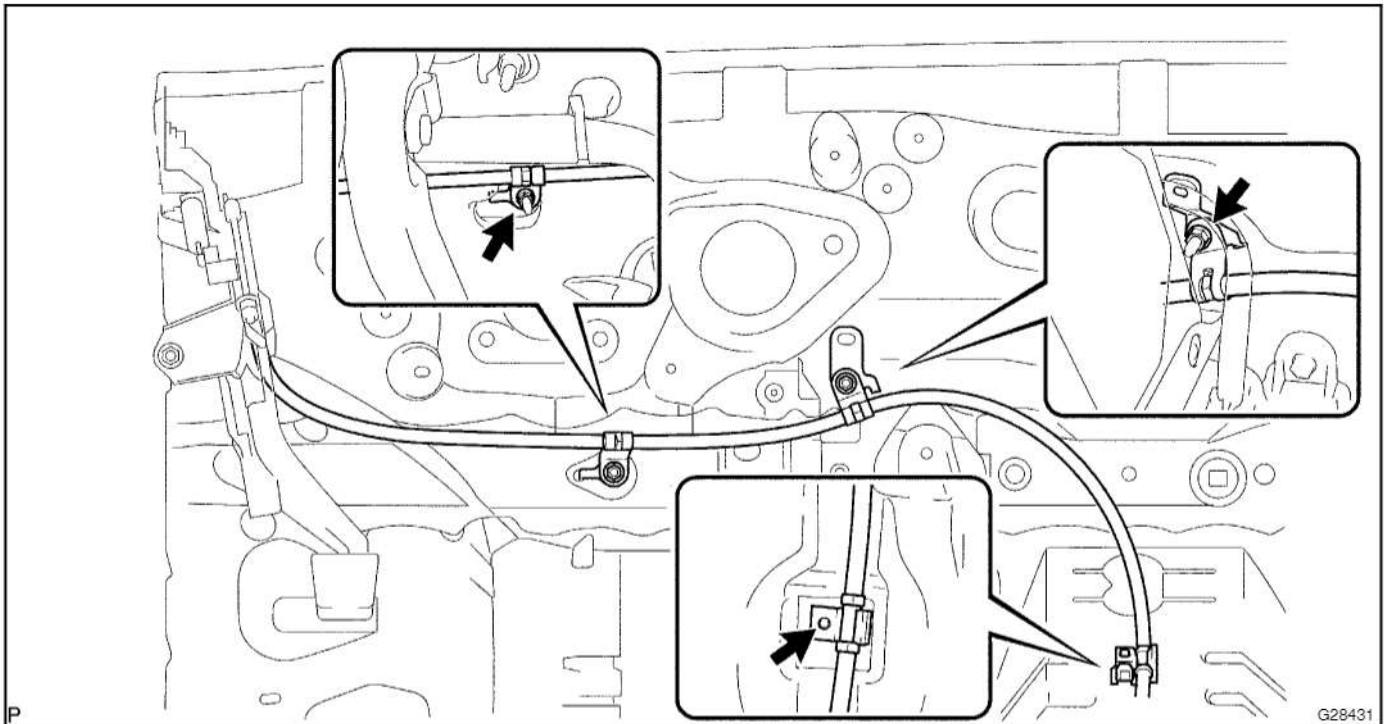
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)



- (e) Install the parking brake cable assy No.1 to the floor with the clamp bolt.

Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)

- (f) Install the 2 parking brake cable assy No.1 clamp nuts and a new parking brake front cable clamp.
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)



77. INSTALL CONSOLE BOX MOUNTING BRACKET NO.1

- (a) Install the front floor side reinforcement No.1 with 2 bolts.
(b) Install the console box mounting bracket No.1 with 2 bolts.

78. INSTALL YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)

79. INSTALL AIR BAG ECU ASSY (SEE PAGE 60-54)

80. INSTALL FRONT FLOOR FOOTREST (SEE PAGE 50-8)

81. INSTALL FRONT SEAT ASSY LH (SEE PAGE 72-2)

82. INSTALL FRONT SEAT ASSY RH

83. INSTALL INSTRUMENT PANEL REINFORCEMENT ASSY (SEE PAGE 55-18)

84. INSTALL INSTRUMENT PANEL BRACE SUB-ASSY NO.1 (SEE PAGE 55-18)

85. FULLY TIGHTEN AIR CONDITIONER UNIT ASSY (SEE PAGE 55-18)

86. INSTALL STEERING COLUMN ASSY (SEE PAGE 50-8)

87. INSTALL INSTRUMENT PANEL SUB-ASSY LOWER (SEE PAGE 71-13)

88. INSTALL SHIFT LEVER ASSY LWR (SEE PAGE 22-69)

89. INSTALL POWER STEERING ECU ASSY (SEE PAGE 50-17)

90. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)

91. INSTALL COOLER REFRIGERANT LIQUID PIPE E (TO COOLER UNIT) (SEE PAGE 55-18)

92. INSTALL SUCTION HOSE SUB-ASSY (SEE PAGE 55-18)

93. INSPECT LEAKAGE OF REFRIGERANT (SEE PAGE 55-18)

94. ADJUST SPIRAL CABLE SUB-ASSY (SEE PAGE 60-29)

95. INSTALL STEERING COLUMN COVER (SEE PAGE 50-8)

96. INSTALL TILT LEVER BRACKET (SEE PAGE 50-8)

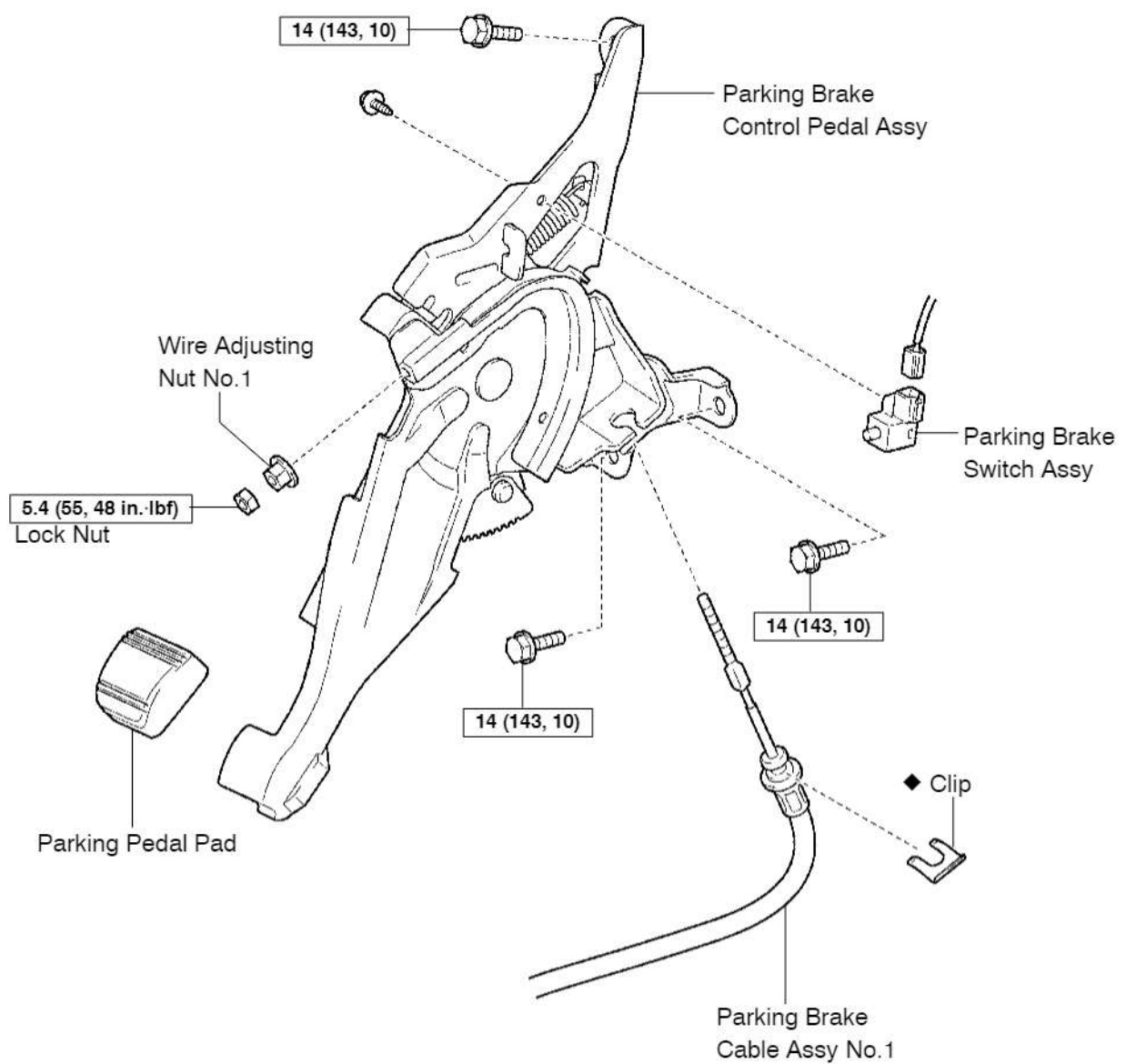
97. INSTALL STEERING WHEEL ASSY (SEE PAGE 50-8)

98. INSTALL HORN BUTTON ASSY (SEE PAGE 60-20)

99. INSPECT HORN BUTTON ASSY ([SEE PAGE 60-20](#))
100. CONNECT BATTERY NEGATIVE TERMINAL ([SEE PAGE 19-2](#))
101. INSTALL REAR FLOOR BOARD NO.3
102. INSTALL DECK FLOOR BOX REAR
103. INSTALL REAR FLOOR BOARD NO.2
104. ADD ENGINE COOLANT
105. CHARGE REFRIGERANT ([SEE PAGE 55-18](#))
SST 07110-58060 (07117-58060, 07117-58070, 07117-58080, 07117-58090, 07117-78050,
07117-88060, 07117-88070, 07117-88080)
106. CHECK FOR ENGINE COOLANT LEAKS
107. WARM UP ENGINE
108. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL ([SEE PAGE 33-2](#))
109. INSPECT SRS WARNING LIGHT ([SEE PAGE 05-1165](#))
110. PERFORM CALIBRATION OF TORQUE SENSOR ZERO POINT ([SEE PAGE 05-981](#))
111. PERFORM INITIALIZATION ([SEE PAGE 01-29](#))

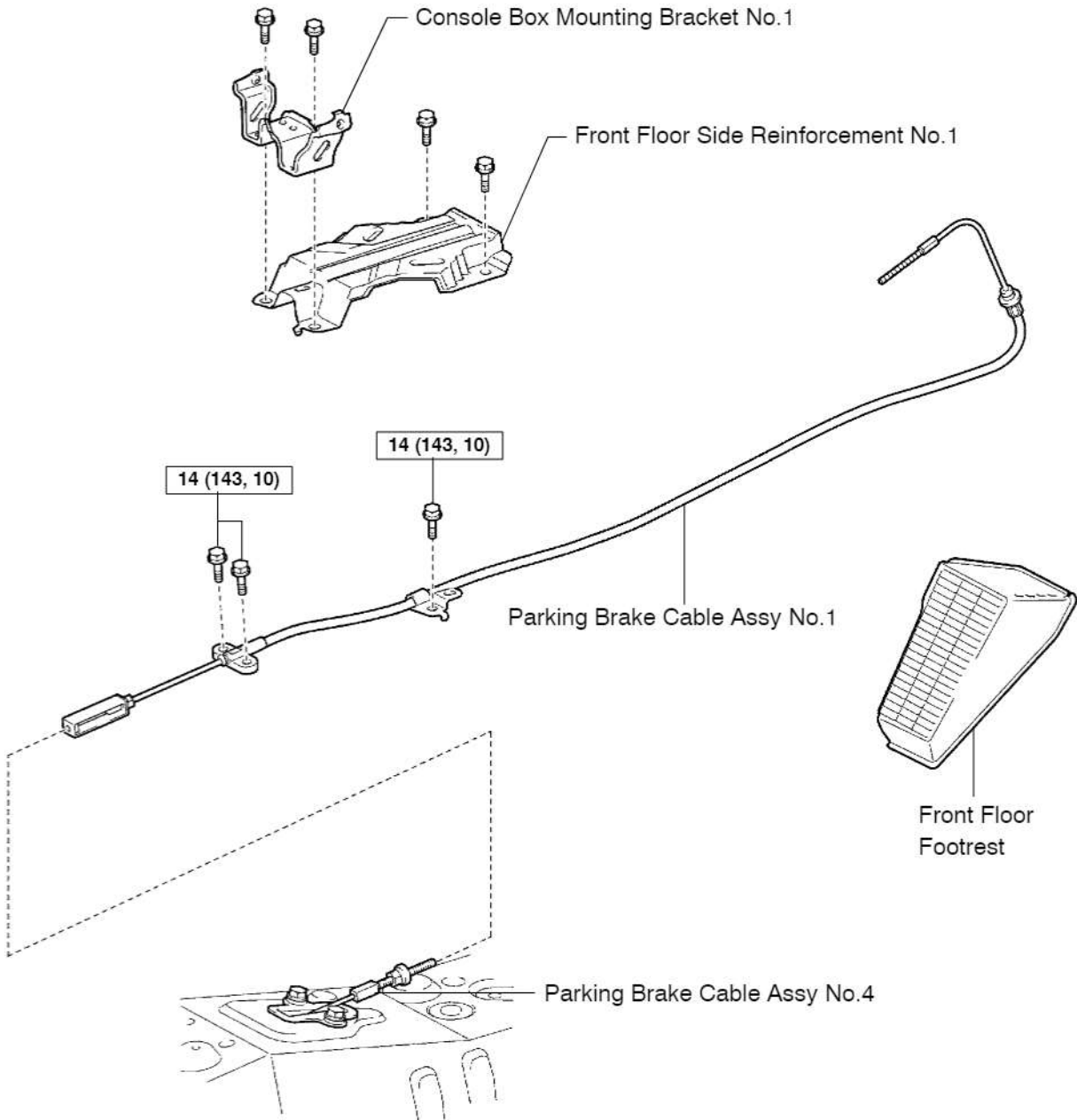
PARKING BRAKE CONTROL PEDAL ASSY (RHD) COMPONENTS

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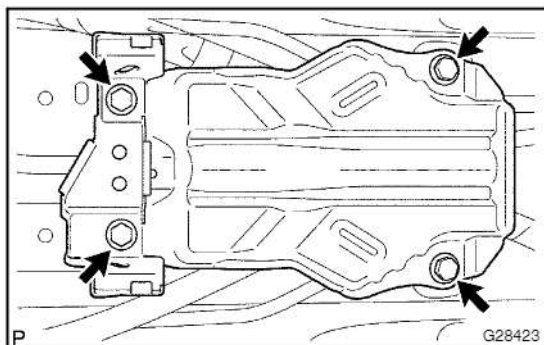


N·m (kgf·cm, ft·lbf) : Specified torque

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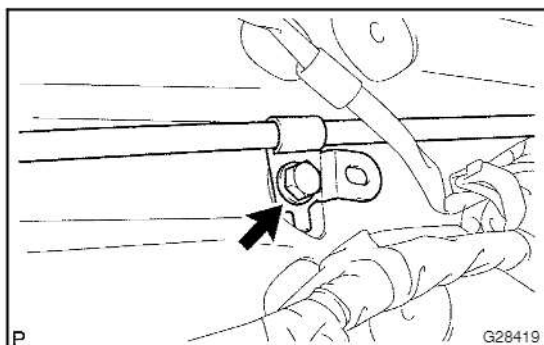
OVERHAUL

1. REMOVE REAR FLOOR BOARD NO.2 (SEE PAGE 21-120)
2. REMOVE DECK FLOOR BOX REAR (SEE PAGE 21-120)
3. REMOVE REAR FLOOR BOARD NO.3 (SEE PAGE 21-120)
4. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
5. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.1 (SEE PAGE 71-7)
6. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER (SEE PAGE 71-7)
7. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY UPPER (SEE PAGE 71-7)
8. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.3 (SEE PAGE 71-7)
9. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.4 (SEE PAGE 71-7)
10. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.2 (SEE PAGE 71-7)
11. REMOVE MULTI-DISPLAY ASSY (SEE PAGE 71-7)
12. REMOVE GLOVE COMPARTMENT DOOR STOPPER SUB-ASSY (SEE PAGE 71-7)
13. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-7)
14. REMOVE GLOVE COMPARTMENT DOOR (SEE PAGE 71-7)
15. REMOVE INSTR PANEL SPEAKER PANEL SUB-ASSY NO.1 W/CTR SPEAKER (SEE PAGE 71-7)
16. REMOVE FRONT PILLAR GARNISH CORNER PIECE RH (SEE PAGE 71-7)
17. REMOVE FRONT PILLAR GARNISH CORNER PIECE LH (SEE PAGE 71-7)
18. REMOVE FRONT PILLAR GARNISH RH (SEE PAGE 71-7)
19. REMOVE FRONT PILLAR GARNISH LH (SEE PAGE 71-7)
20. DISCONNECT PASSENGER AIRBAG CONNECTOR (SEE PAGE 71-7)
21. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)
22. REMOVE FRONT SEAT ASSY LH (SEE PAGE 72-2)
23. REMOVE FRONT SEAT ASSY RH
24. REMOVE FRONT DOOR SCUFF PLATE RH (SEE PAGE 76-29)
25. REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 76-29)
26. REMOVE COWL SIDE TRIM BOARD RH (SEE PAGE 76-29)
27. REMOVE COWL SIDE TRIM BOARD LH (SEE PAGE 76-29)
28. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (SEE PAGE 71-13)
29. REMOVE CONSOLE PANEL SUB-ASSY UPPER (SEE PAGE 71-17)
30. REMOVE CONSOLE BOX POCKET (SEE PAGE 71-17)
31. REMOVE CONSOLE BOX CARPET (SEE PAGE 71-17)
32. REMOVE CONSOLE BOX ASSY RR (SEE PAGE 71-17)
33. REMOVE AIR DUCT REAR NO.3 (SEE PAGE 55-18)
34. REMOVE FRONT FLOOR FOOTREST (SEE PAGE 50-8)
35. REMOVE AIR BAG ECU ASSY (SEE PAGE 60-54)
36. REMOVE YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)



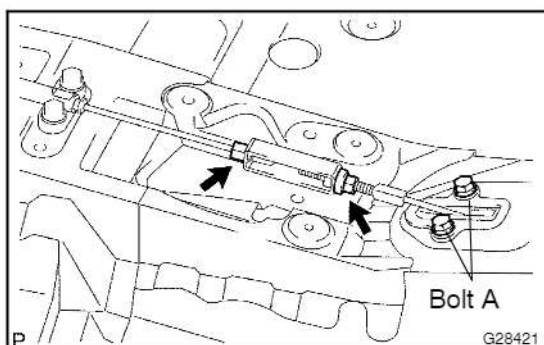
37. REMOVE CONSOLE BOX MOUNTING BRACKET NO.1

- (a) Remove the 2 bolts and separate the console box mounting bracket No.1.
- (b) Remove the 2 bolts and separate the front floor side reinforcement No.1.

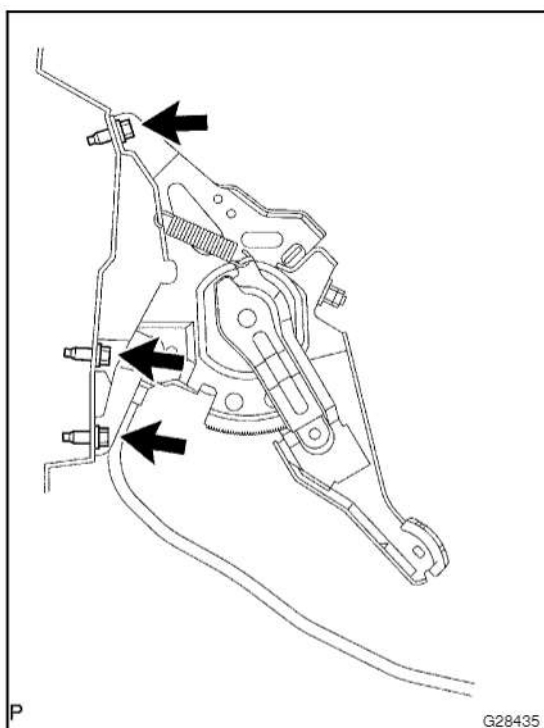


38. REMOVE PARKING BRAKE CONTROL PEDAL ASSY

- (a) Release the parking brake.
- (b) Remove the clamp bolt from the parking brake cable assy No.1.

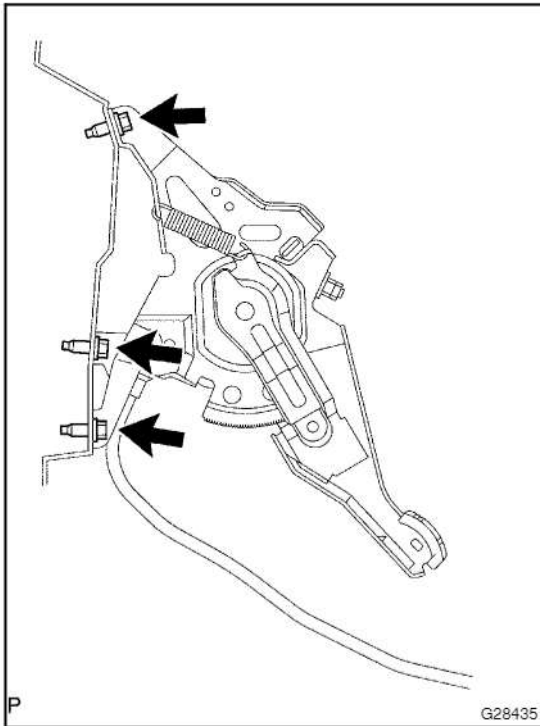


- (c) Hold the nut on the parking brake cable assy No.4 using a wrench. Loosen and disconnect the turnbuckle of the parking brake cable assy No.1.
- (d) Remove the 2 bolts A as shown in the illustration and separate the parking brake cable assy No.1 from the floor.
- (e) Disconnect the parking brake switch assy connector and remove the harness clamp from the pedal bracket.

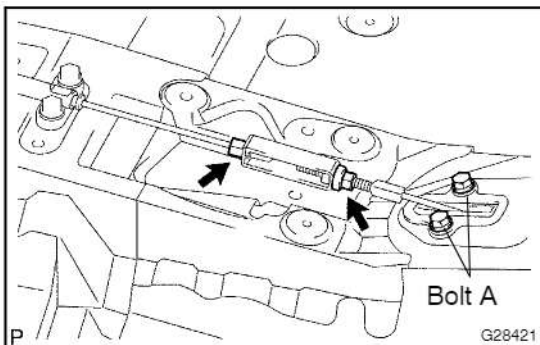


- (f) Remove the 3 bolts and separate the parking brake pedal assy.

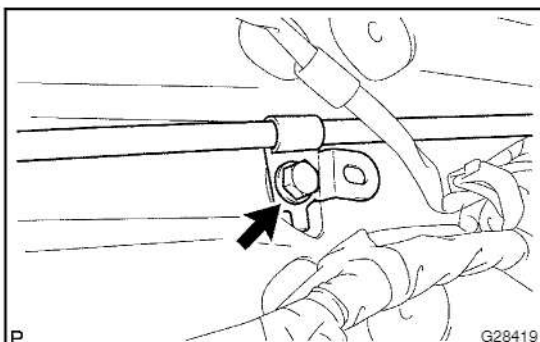
39. REMOVE PARKING BRAKE CABLE ASSY NO.1 (SEE PAGE 33-23)
40. REMOVE PARKING BRAKE SWITCH ASSY
 - (a) Remove the screw and separate the parking brake switch assy.
41. REMOVE PARKING PEDAL PAD
42. INSTALL PARKING PEDAL PAD
43. INSTALL PARKING BRAKE SWITCH ASSY
 - (a) Install the parking brake switch assy with a screw.
44. INSTALL PARKING BRAKE CABLE ASSY NO.1 (SEE PAGE 33-23)



45. INSTALL PARKING BRAKE CONTROL PEDAL ASSY
 - (a) Install the parking brake pedal assy to the dash panel with 3 bolts.
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)
 - (b) Connect the parking brake switch assy connector and install the harness clamp to the pedal bracket.



- (c) Hold the nut on the parking brake cable assy No.4 using a wrench. Tighten the turnbuckle of the parking brake cable assy No.1.
Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)
- (d) Install the parking brake cable assy No.1 on the floor with the 2 bolts A as shown in the illustration.
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)

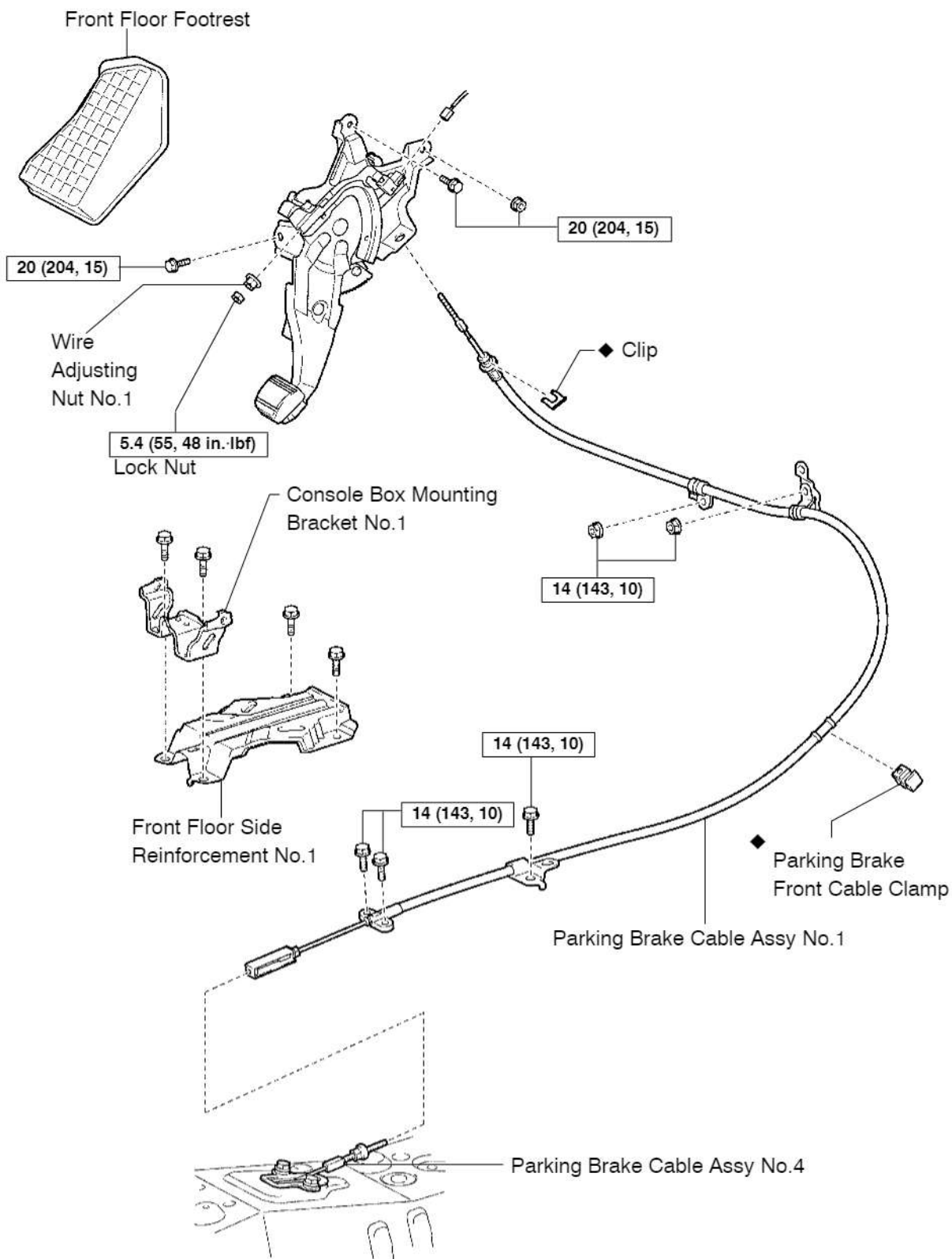


- (e) Install the parking brake cable assy No.1 on the floor with the clamp bolt.
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)

46. **INSTALL CONSOLE BOX MOUNTING BRACKET NO.1**
 - (a) Install the front floor side reinforcement No.1 with 2 bolts.
 - (b) Install the console box mounting bracket No.1 with 2 bolts.
47. **INSTALL YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)**
48. **INSTALL AIR BAG ECU ASSY (SEE PAGE 60-54)**
49. **INSTALL FRONT FLOOR FOOTREST (SEE PAGE 50-8)**
50. **INSTALL FRONT SEAT ASSY LH (SEE PAGE 72-2)**
51. **INSTALL FRONT SEAT ASSY RH**
52. **INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)**
53. **INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL (SEE PAGE 33-2)**
54. **CONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 19-2)**
55. **INSTALL REAR FLOOR BOARD NO.3**
56. **INSTALL DECK FLOOR BOX REAR**
57. **INSTALL REAR FLOOR BOARD NO.2**
58. **PERFORM INITIALIZATION (SEE PAGE 01-29)**

PARKING BRAKE CABLE ASSY NO.1 (LHD) COMPONENTS

330FS-01



N·m (kgf·cm, ft·lbf) : Specified torque ◆ Non-reusable part

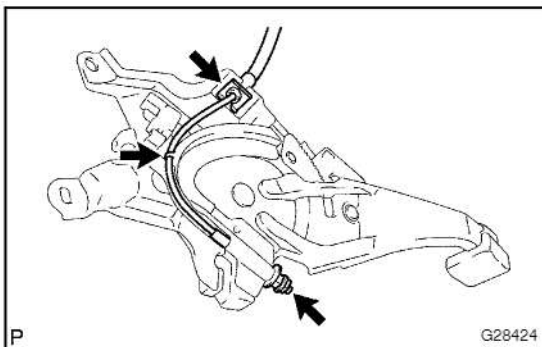
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REPLACEMENT

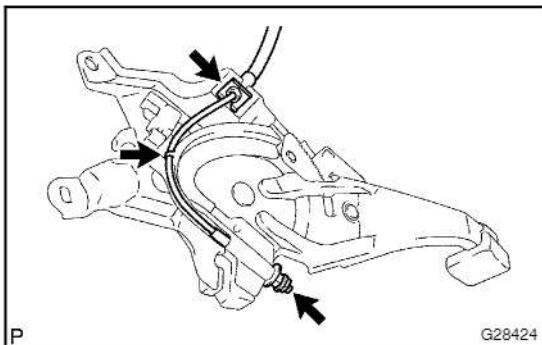
1. DISCHARGE REFRIGERANT FROM REFRIGERATION SYSTEM (SEE PAGE 55-18)
SST 07110-58060 (07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)
2. DISCONNECT SUCTION HOSE SUB-ASSY (SEE PAGE 55-18)
SST 09870-00015
3. DISCONNECT COOLER REFRIGERANT LIQUID PIPE E (TO COOLER UNIT) (SEE PAGE 55-18)
SST 09870-00025
4. DISCONNECT HEATER WATER HOSE B (SEE PAGE 55-18)
5. DISCONNECT HEATER WATER HOSE A (SEE PAGE 55-18)
6. REMOVE REAR FLOOR BOARD NO.2 (SEE PAGE 21-120)
7. REMOVE DECK FLOOR BOX REAR (SEE PAGE 21-120)
8. REMOVE REAR FLOOR BOARD NO.3 (SEE PAGE 21-120)
9. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
10. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.1 (SEE PAGE 71-7)
11. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER (SEE PAGE 71-7)
12. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY UPPER (SEE PAGE 71-7)
13. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.3 (SEE PAGE 71-7)
14. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.4 (SEE PAGE 71-7)
15. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.2 (SEE PAGE 71-7)
16. REMOVE MULTI-DISPLAY ASSY (SEE PAGE 71-7)
17. REMOVE GLOVE COMPARTMENT DOOR STOPPER SUB-ASSY (SEE PAGE 71-7)
18. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-7)
19. REMOVE GLOVE COMPARTMENT DOOR (SEE PAGE 71-7)
20. REMOVE INSTR PANEL SPEAKER PANEL SUB-ASSY NO.1 W/CTR SPEAKER (SEE PAGE 71-7)
21. REMOVE FRONT PILLAR GARNISH CORNER PIECE LH (SEE PAGE 71-7)
22. REMOVE FRONT PILLAR GARNISH CORNER PIECE RH (SEE PAGE 71-7)
23. REMOVE FRONT PILLAR GARNISH LH (SEE PAGE 71-7)
24. REMOVE FRONT PILLAR GARNISH RH (SEE PAGE 71-7)
25. DISCONNECT PASSENGER AIRBAG CONNECTOR (SEE PAGE 71-7)
26. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)
27. REMOVE STEERING WHEEL COVER LOWER NO.2 (SEE PAGE 60-20)
28. REMOVE STEERING WHEEL COVER LOWER NO.3 (SEE PAGE 60-20)
29. REMOVE HORN BUTTON ASSY (SEE PAGE 60-20)
30. REMOVE STEERING WHEEL ASSY (SEE PAGE 50-8)
SST 09950-50013 (09951-05010, 09952-05010, 09953-05020, 09954-05021)
31. REMOVE TILT LEVER BRACKET (SEE PAGE 50-8)
32. REMOVE STEERING COLUMN COVER (SEE PAGE 50-8)
33. REMOVE TURN SIGNAL SWITCH ASSY W/SPIRAL CABLE SUB-ASSY (SEE PAGE 50-8)
34. REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 76-29)
35. REMOVE FRONT DOOR SCUFF PLATE RH (SEE PAGE 76-29)
36. REMOVE COWL SIDE TRIM BOARD LH (SEE PAGE 76-29)
37. REMOVE COWL SIDE TRIM BOARD RH (SEE PAGE 76-29)
38. REMOVE INSTRUMENT CLUSTER FINISH PANEL ASSY CENTER (SEE PAGE 71-13)
39. REMOVE RADIO RECEIVER ASSY W/STEREO OPENING COVER (SEE PAGE 71-13)
40. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (SEE PAGE 71-13)

41. REMOVE GLOVE COMPARTMENT DOOR LOCK COVER (SEE PAGE 71-13)
42. REMOVE GLOVE COMPARTMENT DOOR LOCK ASSY (SEE PAGE 71-13)
43. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER (SEE PAGE 71-13)
44. REMOVE INSTRUMENT PANEL UNDER COVER SUB-ASSY NO.1 (SEE PAGE 71-13)
45. REMOVE POWER STEERING ECU ASSY (SEE PAGE 50-17)
46. REMOVE SHIFT LEVER ASSY LWR (SEE PAGE 22-69)
47. REMOVE AIR DUCT REAR NO.3 (SEE PAGE 55-18)
48. REMOVE HEATER TO REGISTER DUCT NO.3 (SEE PAGE 55-18)
49. REMOVE HEATER TO REGISTER DUCT NO.1 (SEE PAGE 55-18)
50. REMOVE HEATER TO REGISTER DUCT NO.2 (SEE PAGE 55-18)
51. REMOVE DEFROSTER NOZZLE ASSY (SEE PAGE 55-18)
52. REMOVE TRANSMISSION CONTROL ECU ASSY
53. REMOVE ECM (SEE PAGE 10-24)
54. REMOVE NETWORK GATEWAY ECU (SEE PAGE 67-26)
55. REMOVE INSTRUMENT PANEL BRACE SUB-ASSY NO.1 (SEE PAGE 55-18)
56. REMOVE AIR CONDITIONING AMPLIFIER ASSY (SEE PAGE 55-52)
57. REMOVE STEERING COLUMN ASSY (SEE PAGE 50-8)
58. REMOVE INSTRUMENT PANEL REINFORCEMENT ASSY (SEE PAGE 55-18)
59. REMOVE FRONT SEAT ASSY LH (SEE PAGE 72-2)
60. REMOVE FRONT SEAT ASSY RH
61. REMOVE CONSOLE PANEL SUB-ASSY UPPER (SEE PAGE 71-17)
62. REMOVE CONSOLE BOX POCKET (SEE PAGE 71-17)
63. REMOVE CONSOLE BOX CARPET (SEE PAGE 71-17)
64. REMOVE CONSOLE BOX ASSY RR (SEE PAGE 71-17)
65. REMOVE FRONT FLOOR FOOTREST (SEE PAGE 50-8)
66. REMOVE AIR BAG ECU ASSY (SEE PAGE 60-54)
67. REMOVE YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)
68. REMOVE CONSOLE BOX MOUNTING BRACKET NO.1 (SEE PAGE 33-6)
69. REMOVE PARKING BRAKE CONTROL PEDAL ASSY (SEE PAGE 33-6)



70. REMOVE PARKING BRAKE CABLE ASSY NO.1

- (a) Unbend the parking brake pedal claw.
- (b) Remove the lock nut and adjusting nut of the parking brake cable assy No.1 from the parking brake pedal.
- (c) Disengage the clip and remove the parking brake cable assy No.1 from the parking brake pedal assy.



71. INSTALL PARKING BRAKE CABLE ASSY NO.1

- (a) Thread the parking brake cable assy No.1 through the pedal bracket and hold it with a new clip.
- (b) Thread the parking brake cable through the pedal guide. Temporarily tighten the adjusting nut and lock nut.

HINT:

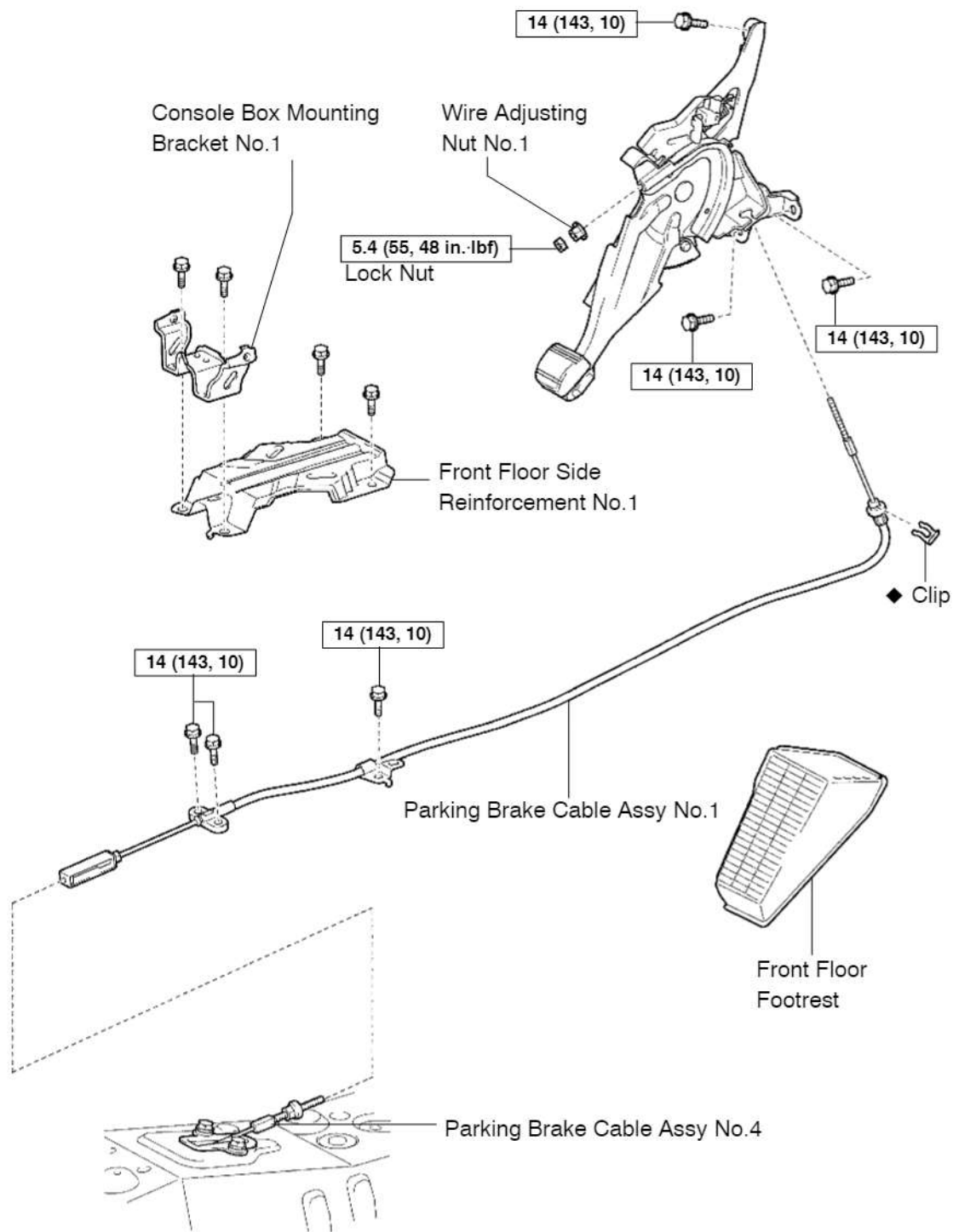
Fully tighten the adjusting nut and lock nut when adjusting the parking brake pedal free play.

- (c) Bend the parking brake pedal claw fully.

72. INSTALL PARKING BRAKE CONTROL PEDAL ASSY (SEE PAGE 33-6)
73. INSTALL CONSOLE BOX MOUNTING BRACKET NO.1 (SEE PAGE 33-6)
74. INSTALL YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)
75. INSTALL AIR BAG ECU ASSY (SEE PAGE 60-54)
76. INSTALL FRONT FLOOR FOOTREST (SEE PAGE 50-8)
77. INSTALL FRONT SEAT ASSY LH (SEE PAGE 72-2)
78. INSTALL FRONT SEAT ASSY RH
79. INSTALL INSTRUMENT PANEL REINFORCEMENT ASSY (SEE PAGE 55-18)
80. INSTALL INSTRUMENT PANEL BRACE SUB-ASSY NO.1 (SEE PAGE 55-18)
81. FULLY TIGHTEN AIR CONDITIONER UNIT ASSY (SEE PAGE 55-18)
82. INSTALL STEERING COLUMN ASSY (SEE PAGE 50-8)
83. INSTALL INSTRUMENT PANEL SUB-ASSY LOWER (SEE PAGE 71-13)
84. INSTALL SHIFT LEVER ASSY LWR (SEE PAGE 22-69)
85. INSTALL POWER STEERING ECU ASSY (SEE PAGE 50-17)
86. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)
87. INSTALL COOLER REFRIGERANT LIQUID PIPE E (TO COOLER UNIT) (SEE PAGE 55-18)
88. INSTALL SUCTION HOSE SUB-ASSY (SEE PAGE 55-18)
89. INSPECT LEAKAGE OF REFRIGERANT (SEE PAGE 55-18)
90. ADJUST SPIRAL CABLE SUB-ASSY (SEE PAGE 60-29)
91. INSTALL STEERING COLUMN COVER (SEE PAGE 50-8)
92. INSTALL TILT LEVER BRACKET (SEE PAGE 50-8)
93. INSTALL STEERING WHEEL ASSY (SEE PAGE 50-8)
94. INSTALL HORN BUTTON ASSY (SEE PAGE 60-20)
95. INSPECT HORN BUTTON ASSY (SEE PAGE 60-20)
96. CONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 19-2)
97. INSTALL REAR FLOOR BOARD NO.3
98. INSTALL DECK FLOOR BOX REAR
99. INSTALL REAR FLOOR BOARD NO.2
100. ADD ENGINE COOLANT
101. CHARGE REFRIGERANT (SEE PAGE 55-18)
SST 07110-58060 (07117-58060, 07117-58070, 07117-58080, 07117-58090, 07117-78050, 07117-88060, 07117-88070, 07117-88080)
102. CHECK FOR ENGINE COOLANT LEAKS
103. WARM UP ENGINE
104. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL (SEE PAGE 33-2)
105. INSPECT SRS WARNING LIGHT (SEE PAGE 05-1165)
106. PERFORM CALIBRATION OF TORQUE SENSOR ZERO POINT (SEE PAGE 05-981)
107. PERFORM INITIALIZATION (SEE PAGE 01-29)

PARKING BRAKE CABLE ASSY NO.1 (RHD) COMPONENTS

330FU-01



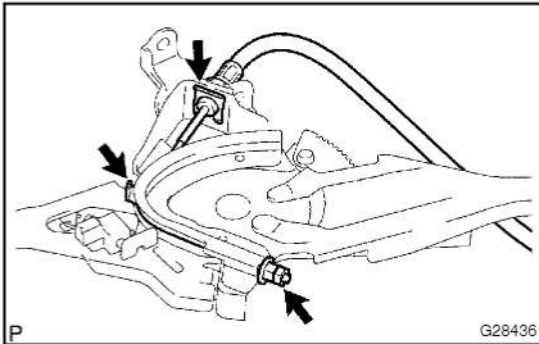
N·m (kgf·cm, ft·lbf) : Specified torque ◆ Non-reusable part

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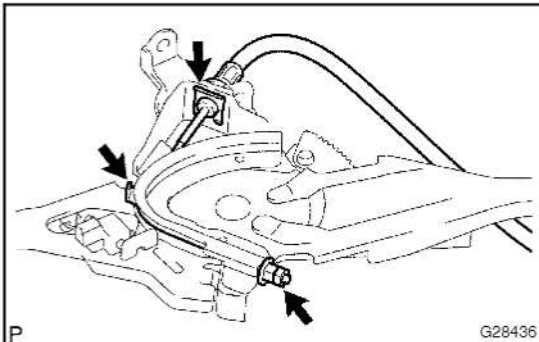
G28675

REPLACEMENT

1. REMOVE REAR FLOOR BOARD NO.2 (SEE PAGE 21-120)
2. REMOVE DECK FLOOR BOX REAR (SEE PAGE 21-120)
3. REMOVE REAR FLOOR BOARD NO.3 (SEE PAGE 21-120)
4. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
5. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.1 (SEE PAGE 71-7)
6. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY LOWER (SEE PAGE 71-7)
7. REMOVE INSTRUMENT PANEL FINISH PANEL SUB-ASSY UPPER (SEE PAGE 71-7)
8. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.3 (SEE PAGE 71-7)
9. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.4 (SEE PAGE 71-7)
10. REMOVE INSTRUMENT PANEL REGISTER ASSY NO.2 (SEE PAGE 71-7)
11. REMOVE MULTI-DISPLAY ASSY (SEE PAGE 71-7)
12. REMOVE GLOVE COMPARTMENT DOOR STOPPER SUB-ASSY (SEE PAGE 71-7)
13. REMOVE GLOVE COMPARTMENT DOOR ASSY (SEE PAGE 71-7)
14. REMOVE GLOVE COMPARTMENT DOOR (SEE PAGE 71-7)
15. REMOVE INSTR PANEL SPEAKER PANEL SUB-ASSY NO.1 W/CTR SPEAKER (SEE PAGE 71-7)
16. REMOVE FRONT PILLAR GARNISH CORNER PIECE RH (SEE PAGE 71-7)
17. REMOVE FRONT PILLAR GARNISH CORNER PIECE LH (SEE PAGE 71-7)
18. REMOVE FRONT PILLAR GARNISH RH (SEE PAGE 71-7)
19. REMOVE FRONT PILLAR GARNISH LH (SEE PAGE 71-7)
20. DISCONNECT PASSENGER AIRBAG CONNECTOR (SEE PAGE 71-7)
21. REMOVE INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY (SEE PAGE 71-7)
22. REMOVE FRONT SEAT ASSY LH (SEE PAGE 72-2)
23. REMOVE FRONT SEAT ASSY RH
24. REMOVE FRONT DOOR SCUFF PLATE RH (SEE PAGE 76-29)
25. REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 76-29)
26. REMOVE COWL SIDE TRIM BOARD RH (SEE PAGE 76-29)
27. REMOVE COWL SIDE TRIM BOARD LH (SEE PAGE 76-29)
28. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (SEE PAGE 71-13)
29. REMOVE CONSOLE PANEL SUB-ASSY UPPER (SEE PAGE 71-17)
30. REMOVE CONSOLE BOX POCKET (SEE PAGE 71-17)
31. REMOVE CONSOLE BOX CARPET (SEE PAGE 71-17)
32. REMOVE CONSOLE BOX ASSY RR (SEE PAGE 71-17)
33. REMOVE AIR DUCT REAR NO.3 (SEE PAGE 55-18)
34. REMOVE FRONT FLOOR FOOTREST (SEE PAGE 50-8)
35. REMOVE AIR BAG ECU ASSY (SEE PAGE 60-54)
36. REMOVE YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)
37. REMOVE CONSOLE BOX MOUNTING BRACKET NO.1 (SEE PAGE 33-14)
38. REMOVE PARKING BRAKE CONTROL PEDAL ASSY (SEE PAGE 33-14)

**39. REMOVE PARKING BRAKE CABLE ASSY NO.1**

- (a) Unbend the parking brake pedal claw.
- (b) Remove the lock nut and adjusting nut of the parking brake cable assy No.1 from the parking brake pedal.
- (c) Disengage the clip and remove the parking brake cable assy No.1 from the parking brake pedal assy.

**40. INSTALL PARKING BRAKE CABLE ASSY NO.1**

- (a) Thread the parking brake cable assy No.1 through the pedal bracket and hold with a new clip.
- (b) Thread the parking brake cable through the pedal guide. Temporarily tighten the adjusting nut and lock nut.

HINT:

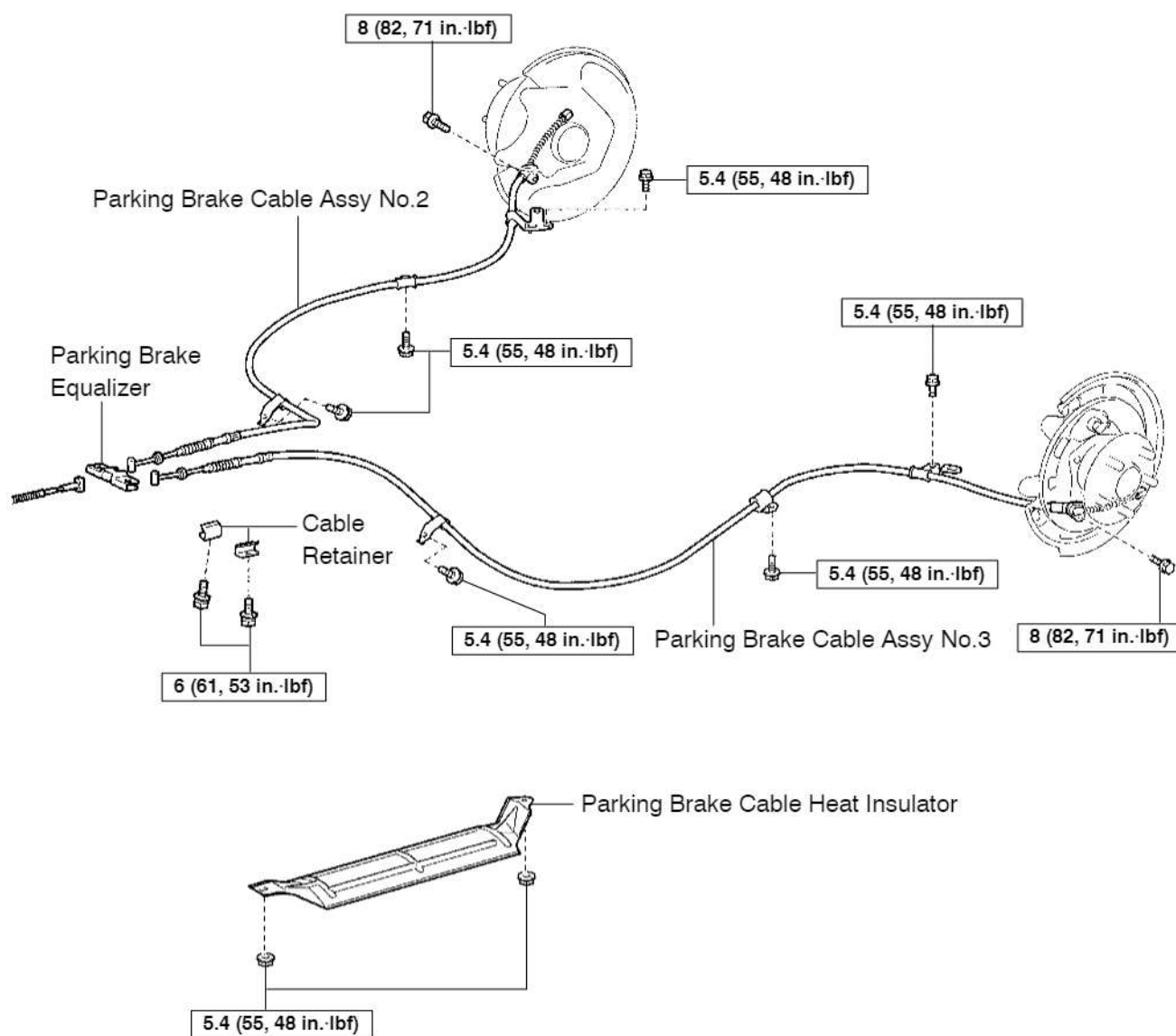
Fully tighten the adjusting nut and lock nut when adjusting the parking brake pedal free play.

- (c) Bend the parking brake pedal claw fully.

41. INSTALL PARKING BRAKE CONTROL PEDAL ASSY ([SEE PAGE 33-14](#))
42. INSTALL CONSOLE BOX MOUNTING BRACKET NO.1 ([SEE PAGE 33-14](#))
43. INSTALL YAWRATE SENSOR (W/ VSC) ([SEE PAGE 32-84](#))
44. INSTALL AIR BAG ECU ASSY ([SEE PAGE 60-54](#))
45. INSTALL FRONT FLOOR FOOTREST ([SEE PAGE 50-8](#))
46. INSTALL FRONT SEAT ASSY LH ([SEE PAGE 72-2](#))
47. INSTALL FRONT SEAT ASSY RH
48. INSTALL INSTRUMENT PANEL SUB-ASSY W/PASSENGER AIRBAG ASSY ([SEE PAGE 71-7](#))
49. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL ([SEE PAGE 33-2](#))
50. CONNECT BATTERY NEGATIVE TERMINAL ([SEE PAGE 19-2](#))
51. INSTALL REAR FLOOR BOARD NO.3
52. INSTALL DECK FLOOR BOX REAR
53. INSTALL REAR FLOOR BOARD NO.2
54. PERFORM INITIALIZATION ([SEE PAGE 01-29](#))

PARKING BRAKE CABLE ASSY NO.3 COMPONENTS

330FW-01



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

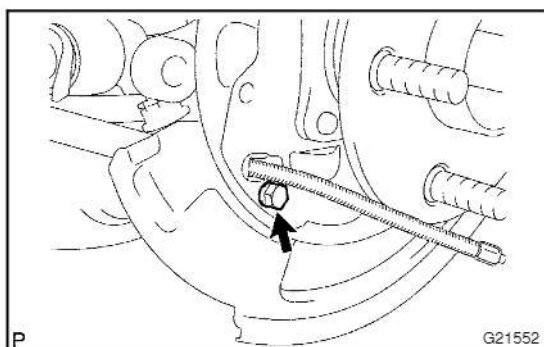
G28672

REPLACEMENT

HINT:

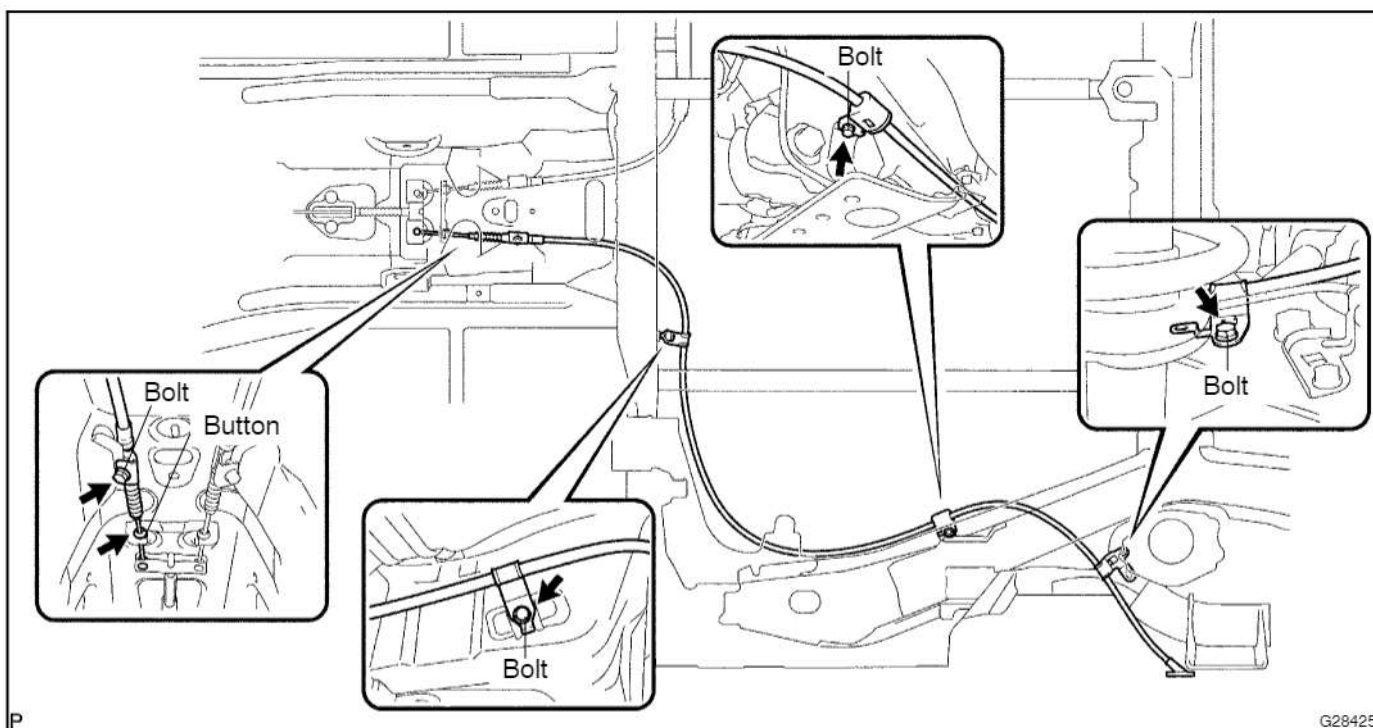
For parking brake cable No.2, employ the same procedure to the No.3 side.

1. REMOVE REAR WHEEL
2. SEPARATE REAR DISC BRAKE CALIPER ASSY LH (SEE PAGE 33-33)
3. REMOVE REAR DISC (SEE PAGE 33-33)
4. REMOVE REAR BRAKE STRUT KIT (SEE PAGE 33-33)
5. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET (SEE PAGE 33-33)
6. REMOVE PARKING BRAKE SHOE ASSY LH NO.1 (SEE PAGE 33-33)
7. REMOVE PARKING BRAKE SHOE ASSY LH NO.2 (SEE PAGE 33-33)
8. REMOVE COWL SIDE TRIM BOARD RH (SEE PAGE 76-29)
9. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (SEE PAGE 71-13)
10. REMOVE FRONT FLOOR FOOTREST (RHD STEERING POSITION TYPE) (SEE PAGE 33-14)
11. REMOVE OXYGEN SENSOR (SEE PAGE 15-2)
12. REMOVE FLOOR PANEL BRACE FRONT (SEE PAGE 15-2)
13. REMOVE EXHAUST PIPE ASSY FRONT (SEE PAGE 15-2)
14. REMOVE PARKING BRAKE CABLE HEAT INSULATOR
 - (a) Remove the 2 nuts and separate the parking brake cable heat insulator.



15. REMOVE PARKING BRAKE CABLE ASSY NO.3

- (a) Remove the bolts and separate the parking brake cable assy No.3 from the backing plate.
- (b) Remove the bolts and button as shown in the illustration. Separate the parking brake cable assy No.3.



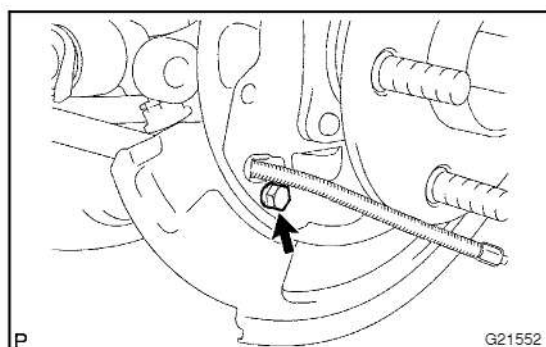
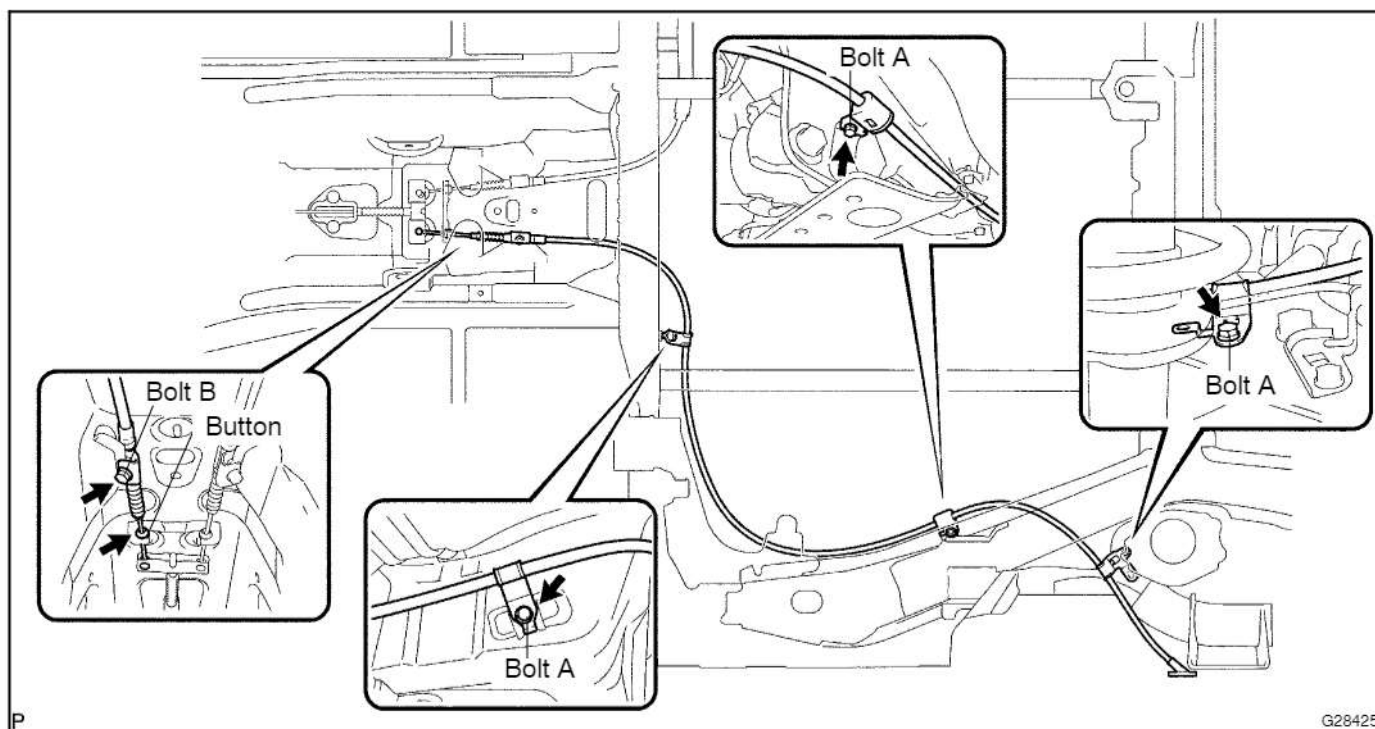
- (c) Separate the parking brake cable assy No.3 from the parking brake equalizer.

16. INSTALL PARKING BRAKE CABLE ASSY NO.3

- (a) Connect the parking brake cable assy No.3 to the parking brake equalizer.
- (b) Install the parking brake cable assy No.3 with bolts and a button as shown in the illustration.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf) (Bolt A)

Torque: 6.0 N·m (61 kgf·cm, 53 in.·lbf) (Bolt B)



- (c) Connect the parking brake cable assy No.3 to the backing plate with a bolt.

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

17. INSTALL PARKING BRAKE CABLE HEAT INSULATOR

- (a) Install the parking brake heat insulator with 2 nuts.

Torque: 5.4 N·m (55 kgf·cm, 48 in.·lbf)

18. INSTALL EXHAUST PIPE ASSY FRONT (SEE PAGE 15-2)

19. INSTALL FLOOR PANEL BRACE FRONT (SEE PAGE 15-2)

20. INSTALL OXYGEN SENSOR (SEE PAGE 15-2)

21. APPLY HIGH TEMPERATURE GREASE (SEE PAGE 33-33)

22. INSTALL PARKING BRAKE SHOE LEVER LH (SEE PAGE 33-33)

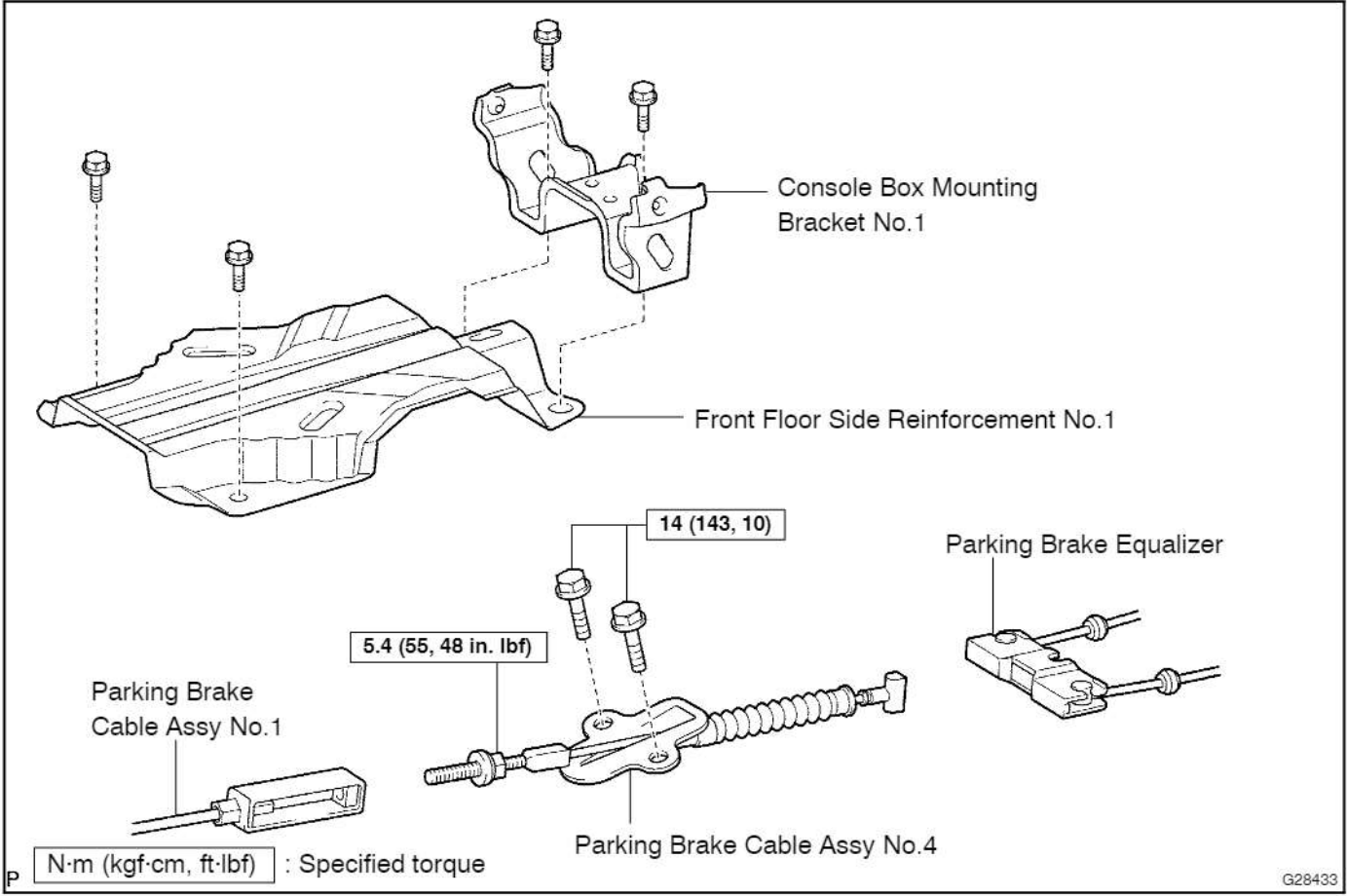
23. INSTALL PARKING BRAKE SHOE ASSY LH NO.2 (SEE PAGE 33-33)

24. INSTALL PARKING BRAKE SHOE ASSY LH NO.1 (SEE PAGE 33-33)

25. INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET ([SEE PAGE 33-33](#))
26. INSTALL REAR BRAKE STRUT KIT ([SEE PAGE 33-33](#))
27. CHECK PARKING BRAKE INSTALLATION ([SEE PAGE 33-33](#))
28. INSTALL REAR DISC ([SEE PAGE 33-33](#))
29. INSTALL REAR DISC BRAKE CALIPER ASSY LH ([SEE PAGE 33-33](#))
30. ADJUST REAR DRUM BRAKE SHOE CLEARANCE ([SEE PAGE 33-33](#))
31. INSTALL REAR WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)
32. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL ([SEE PAGE 33-2](#))
33. CHECK FOR EXHAUST GAS LEAKS ([SEE PAGE 15-2](#))

PARKING BRAKE CABLE ASSY NO.4 COMPONENTS

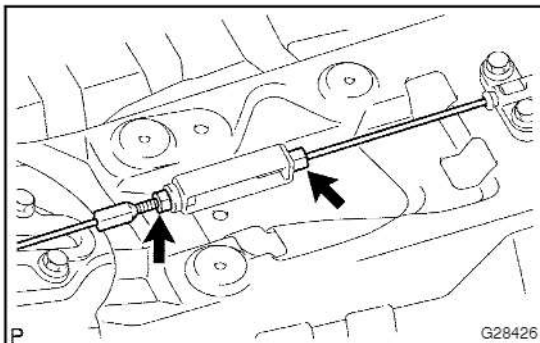
330FY-01



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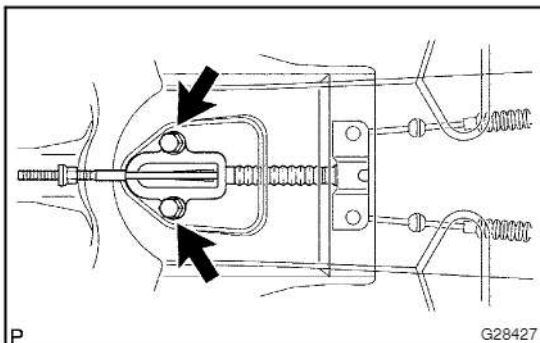
REPLACEMENT

1. DISCONNECT BATTERY NEGATIVE TERMINAL (SEE PAGE 60-1)
2. REMOVE FRONT SEAT ASSY LH (SEE PAGE 72-2)
3. REMOVE FRONT SEAT ASSY RH
4. REMOVE FRONT DOOR SCUFF PLATE RH (SEE PAGE 76-29)
5. REMOVE FRONT DOOR SCUFF PLATE LH (SEE PAGE 76-29)
6. REMOVE COWL SIDE TRIM BOARD RH (SEE PAGE 76-29)
7. REMOVE COWL SIDE TRIM BOARD LH (SEE PAGE 76-29)
8. REMOVE INSTRUMENT PANEL FINISH PANEL LOWER CENTER (SEE PAGE 71-13)
9. REMOVE FRONT FLOOR FOOTREST (SEE PAGE 50-8)
10. REMOVE HEATED OXYGEN SENSOR
SST 09224-00010
11. REMOVE FLOOR PANEL BRACE FRONT
12. REMOVE EXHAUST PIPE ASSY FRONT
13. REMOVE PARKING BRAKE CABLE HEAT INSULATOR
 - (a) Remove the 2 nuts and separate the parking brake cable heat insulator.
14. REMOVE CONSOLE PANEL SUB-ASSY UPPER
15. REMOVE CONSOLE BOX POCKET (SEE PAGE 71-17)
16. REMOVE CONSOLE BOX CARPET (SEE PAGE 71-17)
17. REMOVE CONSOLE BOX ASSY RR (SEE PAGE 71-17)
18. REMOVE AIR DUCT REAR NO.3 (SEE PAGE 55-18)
19. REMOVE YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)

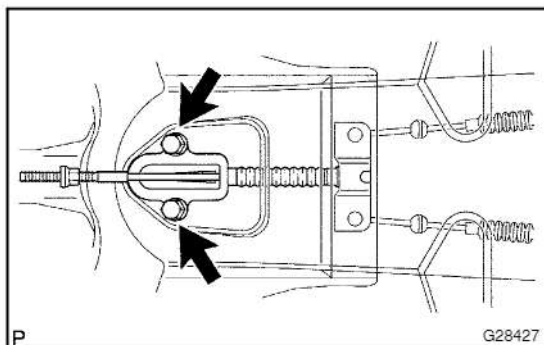


20. REMOVE PARKING BRAKE CABLE ASSY NO.4

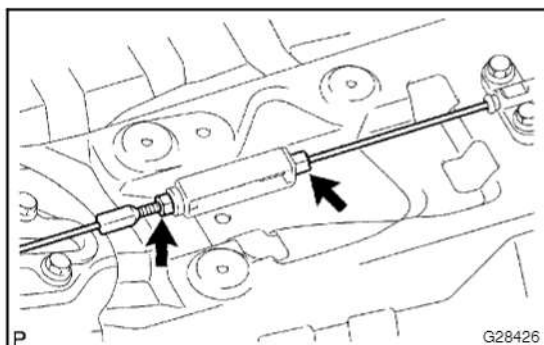
- (a) Release the parking brake.
- (b) Turn up the front seat floor carpet.
- (c) Hold the nut on the parking brake cable assy No.4 using a wrench. Loosen and disconnect the turnbuckle from the parking brake cable assy No.1.



- (d) Remove the 2 bolts and separate the parking cable assy No.4 from the parking brake equalizer.

**21. INSTALL PARKING BRAKE CABLE ASSY NO.4**

- (a) Connect the parking brake cable assy No.4 to the parking brake equalizer.
- (b) Install the parking brake cable assy No.4 with the 2 bolts
Torque: 14 N·m (143 kgf·cm, 10 ft·lbf)



- (c) Hold the nut on the parking brake cable assy No.4 using a wrench. Tighten the turnbuckle of the parking brake cable assy No.1.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

NOTICE:

- Do not twist the parking brake cable assy No.4.
 - Install the parking brake cable assy No.4 with the red surface facing up.
- (d) Return the front seat floor carpet to its original position.

22. INSTALL PARKING BRAKE CABLE HEAT INSULATOR

- (a) Install the parking brake cable heat insulator with 2 nuts.

Torque: 5.4 N·m (55 kgf·cm, 48 in·lbf)

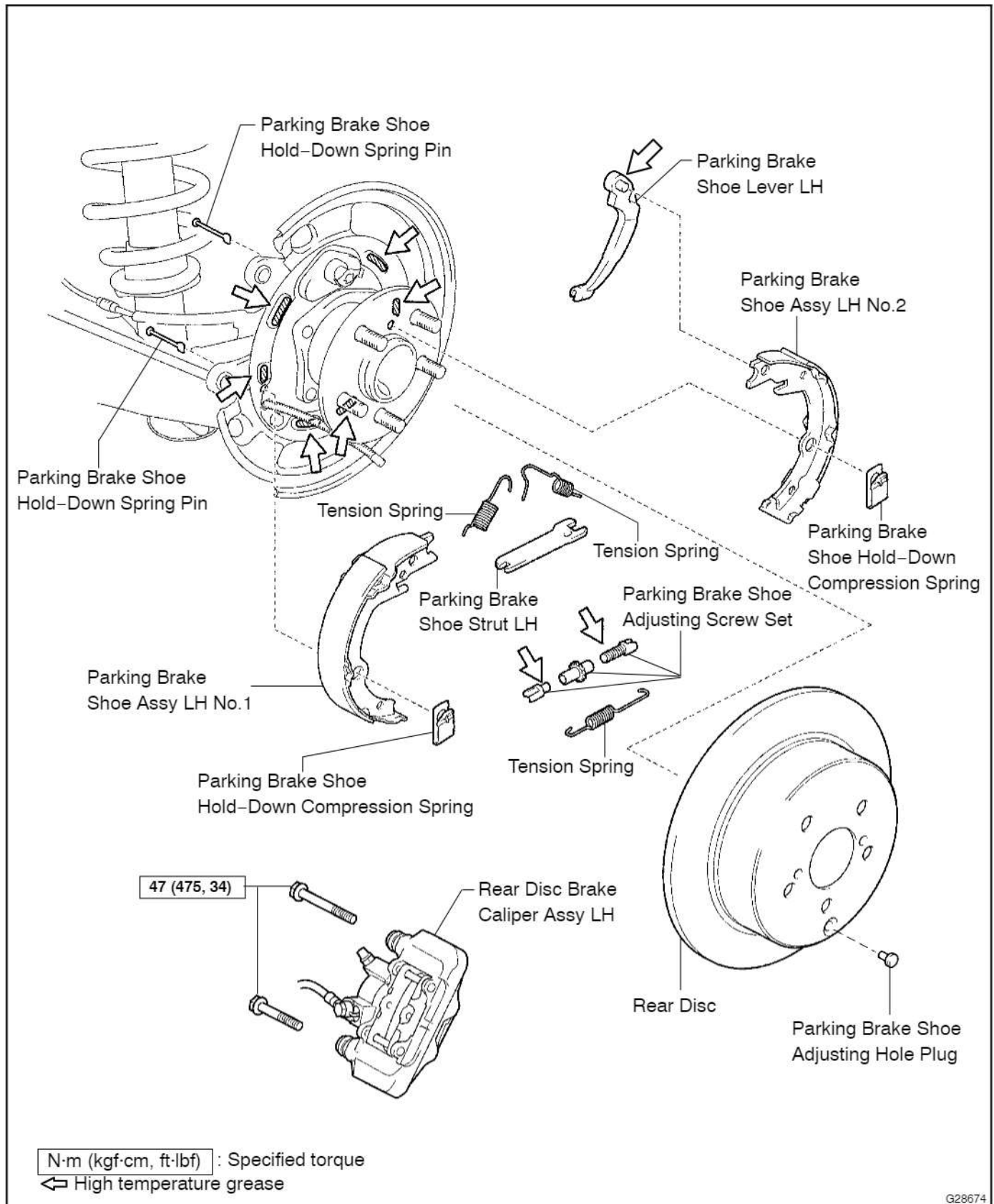
23. INSTALL EXHAUST PIPE ASSY FRONT (SEE PAGE 15-2)**24. INSTALL FLOOR PANEL BRACE FRONT (SEE PAGE 15-2)****25. INSTALL HEATED OXYGEN SENSOR (SEE PAGE 15-2)**

SST 09224-00010

26. INSTALL FRONT FLOOR FOOTREST (SEE PAGE 50-8)**27. INSTALL CONSOLE BOX MOUNTING BRACKET NO.1****28. INSTALL YAWRATE SENSOR (W/ VSC) (SEE PAGE 32-84)****29. INSTALL FRONT SEAT ASSY LH (SEE PAGE 72-2)****30. INSTALL FRONT SEAT ASSY RH****31. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL (SEE PAGE 33-2)**

PARKING BRAKE ASSY COMPONENTS

33090-01



G28674

OVERHAUL

HINT:

- Use the same procedures for the RH side and LH side.
- The procedures listed below are for the LH side.

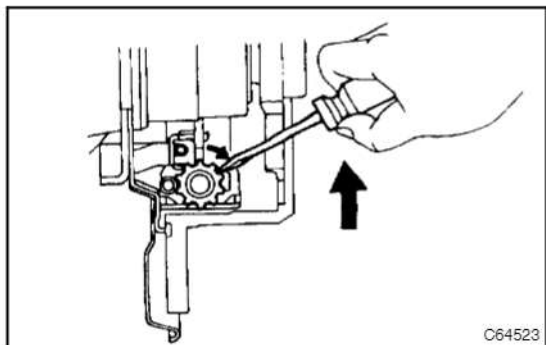
1. REMOVE REAR WHEEL

2. SEPARATE REAR DISC BRAKE CALIPER ASSY LH

- (a) Remove the 2 bolts and separate the rear disc brake caliper assy LH.

HINT:

Do not disconnect the flexible hose from the disc brake caliper assy LH.

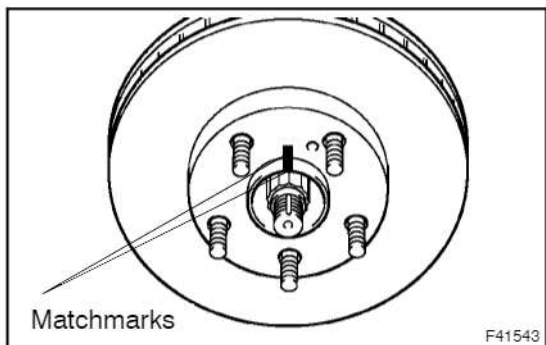


3. REMOVE REAR DISC

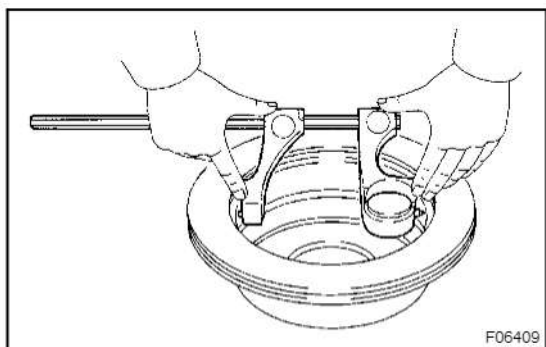
- (a) Release the parking brake and remove the rear disc.

HINT:

If the disc cannot be removed easily, turn the shoe adjuster until the wheel turns freely.



- (b) Put matchmarks on the rear disc and axle hub.
(c) Remove the rear disc.



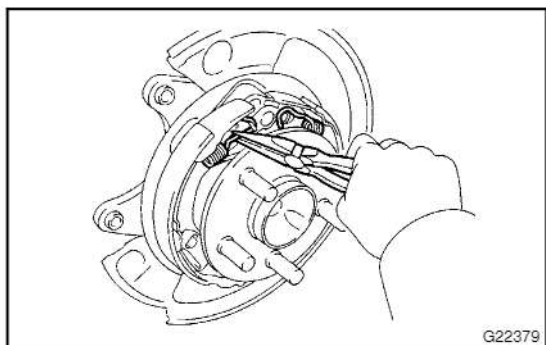
4. INSPECT BRAKE DISC INSIDE DIAMETER

- (a) Using a brake drum gauge or equivalent tool, measure the inside diameter of the rear disc.

Maximum inside diameter: 174 mm (6.85 in.)

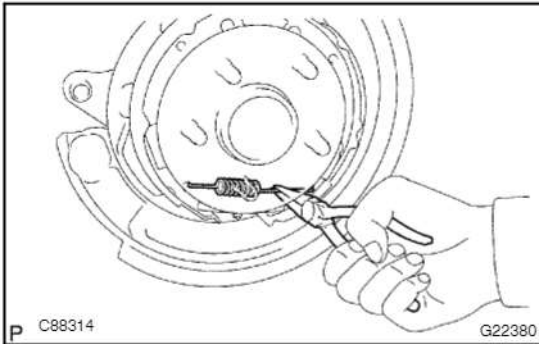
Standard inside diameter: 173 mm (6.81 in.)

If the inside diameter exceeds the maximum, replace the rear disc with a new one.



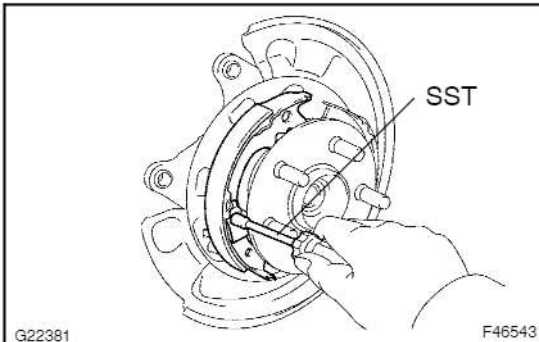
5. REMOVE REAR BRAKE STRUT KIT

- (a) Using needle-nose pliers, remove the parking brake shoe return tension spring No.1 and No.3.
(b) Remove the parking brake shoe strut LH.



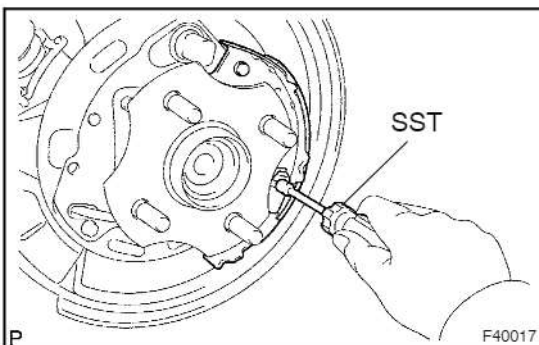
6. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET

- (a) Using needle-nose pliers, remove the parking brake shoe return tension spring No.2.
- (b) Remove the parking brake shoe adjusting screw set LH.



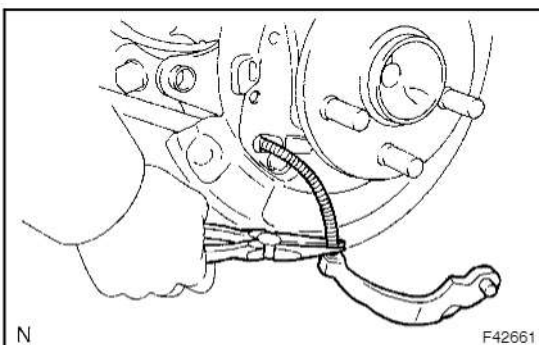
7. REMOVE PARKING BRAKE SHOE ASSY LH NO.1

- (a) Using SST, remove the parking brake shoe hold down compression spring, parking brake shoe hold down spring pin No.1 and parking brake shoe assy LH No.1.
SST 09718-00010



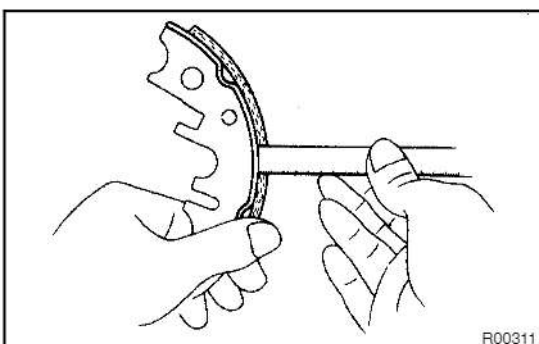
8. REMOVE PARKING BRAKE SHOE ASSY LH NO.2

- (a) Using SST, remove the parking brake shoe hold down compression spring, parking brake shoe hold down spring pin No.1 and parking brake shoe assy LH No.2.
SST 09718-00010



9. REMOVE PARKING BRAKE SHOE LEVER LH

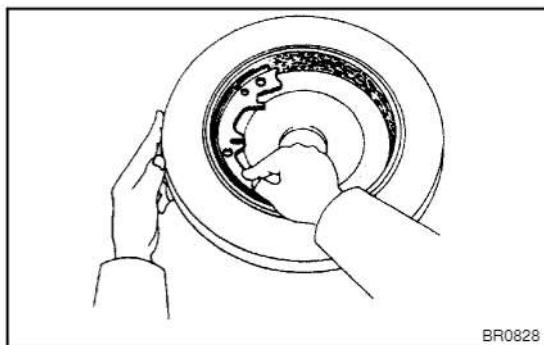
- (a) Using needle-nose pliers, remove the parking brake shoe lever LH from the parking brake cable No.3.



10. INSPECT PARKING BRAKE SHOE LINING THICKNESS

- (a) Using a ruler, measure the thickness of the shoe lining.
Minimum thickness: 1.0 mm (0.039 in.)
Standard thickness: 3.5 mm (0.138 in.)

If the lining thickness is at the minimum or less, replace the brake shoe.



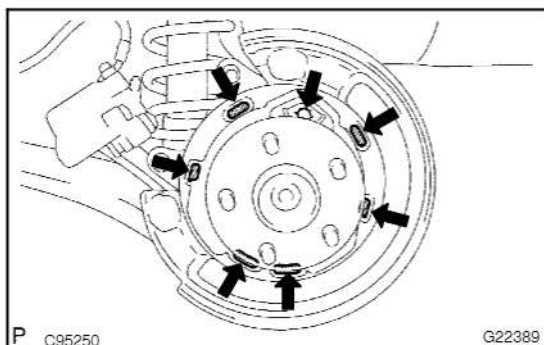
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11. INSPECT BRAKE DISC AND PARKING BRAKE SHOE LINING FOR PROPER CONTACT

- (a) Apply chalk to the inside surface of the disc, then grind down the brake shoe lining to fit disk.

Standard: Proper fitting

- (b) If the contact between the brake disc and shoe lining is improper, repair it using a brake shoe grinder or replace the brake shoe assembly.



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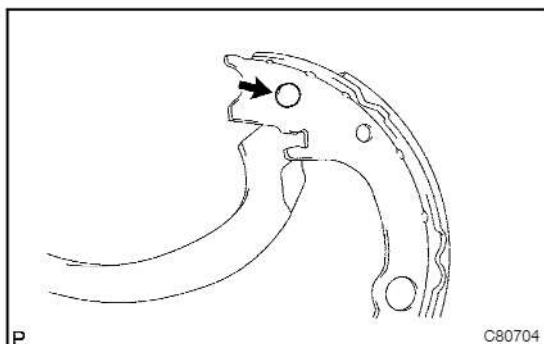
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12. APPLY HIGH TEMPERATURE GREASE

- (a) Apply heat resistance grease to the area where the shoe contacts with the backing plate.

13. INSTALL PARKING BRAKE SHOE LEVER LH

- (a) Using needle-nose pliers, connect the parking brake shoe lever LH to the parking brake cable No.3.

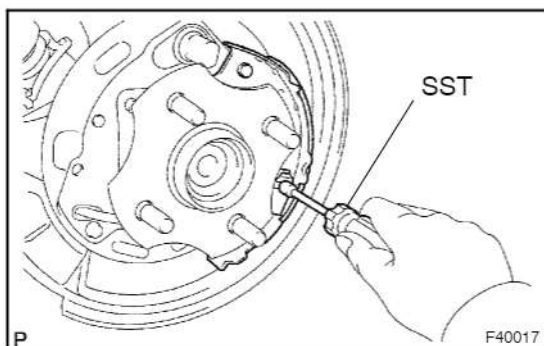


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14. INSTALL PARKING BRAKE SHOE ASSY LH NO.2

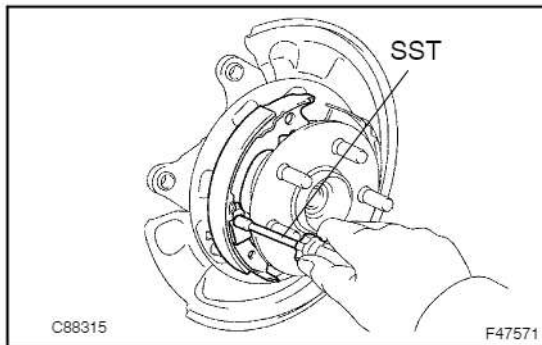
- (a) Apply heat resistance grease to the area where the parking brake shoe assy LH No.2 and parking brake shoe lever LH contact. Connect the parking brake shoe assy LH No.2 and parking brake shoe lever LH.



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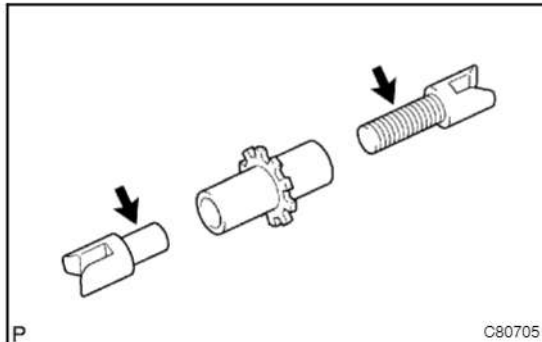
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- (b) Using SST, install the parking brake shoe assy LH No.2 with the parking brake shoe hold down compression spring and parking brake shoe hold down spring pin.
SST 09718-00010



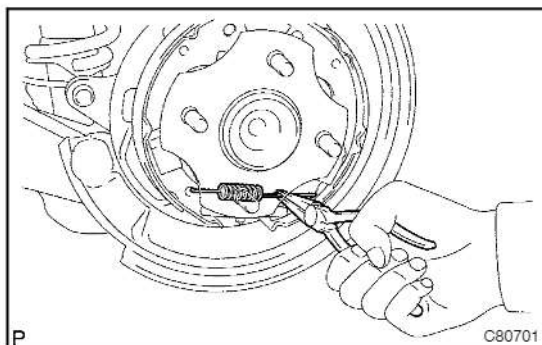
15. INSTALL PARKING BRAKE SHOE ASSY LH NO.1

- (a) Using SST, install the parking brake shoe assy LH No.1 with the parking brake shoe hold down compression spring and parking brake shoe hold down spring pin. SST 09718-00010

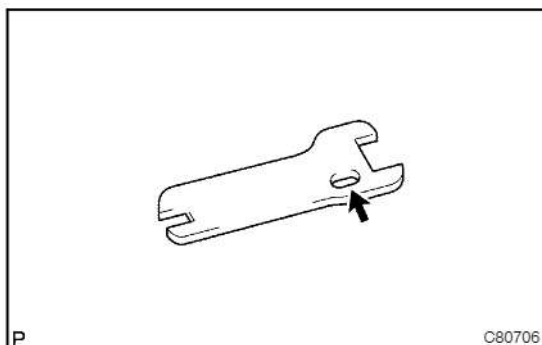


16. INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET

- (a) Apply heat resistance grease to the thread portion of the parking brake shoe adjusting screw set LH and an inlet for the piece.
- (b) Install the parking brake shoe adjusting screw set LH.

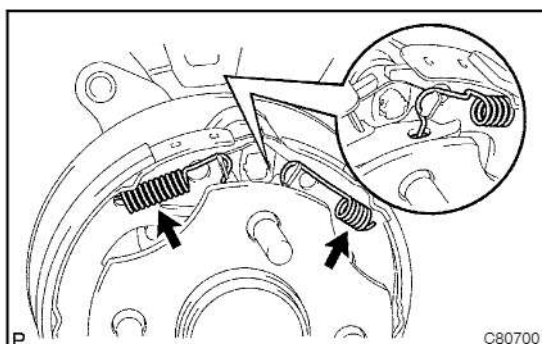


- (c) Using needle-nose pliers, install the parking brake shoe return tension spring No.2.



17. INSTALL REAR BRAKE STRUT KIT

- (a) Apply high temperature grease to the area where the shoe strut LH tension spring makes contact.



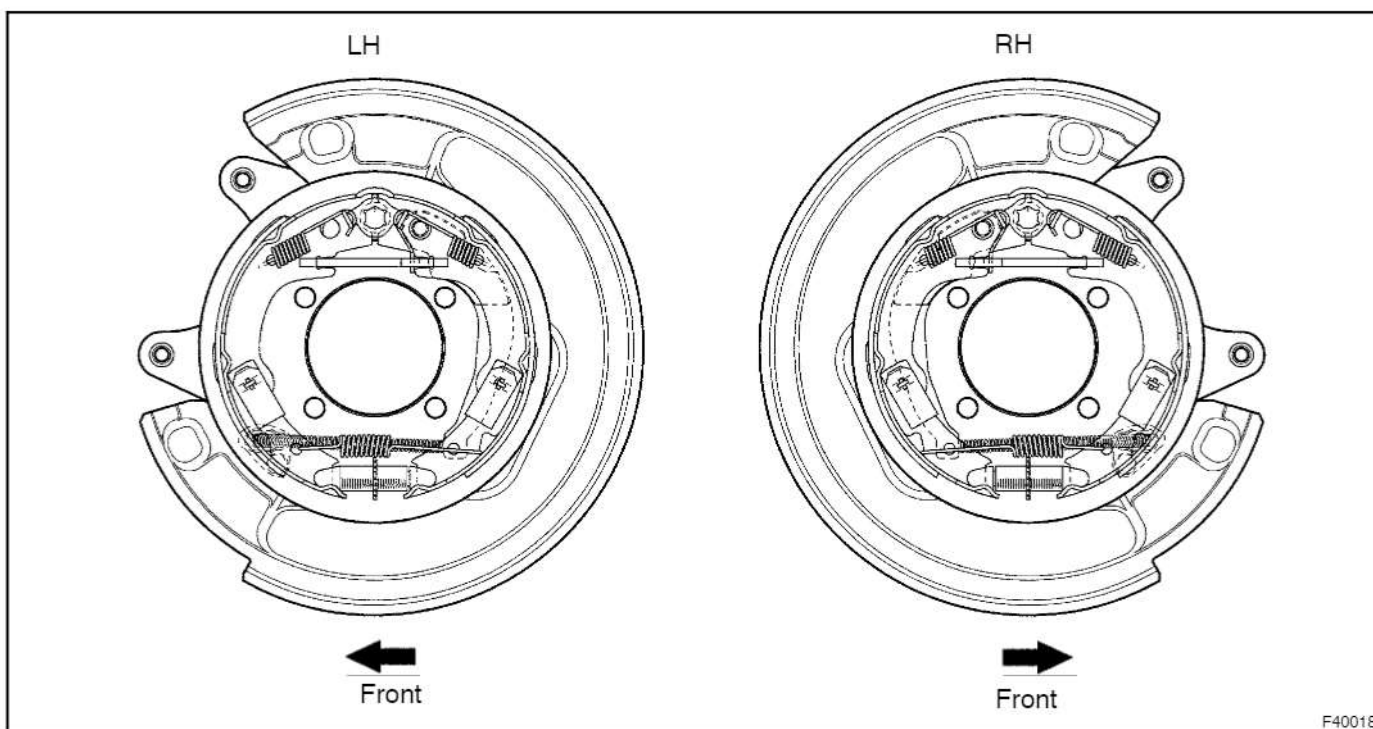
- (b) Install the parking brake shoe strut LH. Using needle-nose pliers, install the parking brake shoe return tension spring No.1 and No.3.

18. CHECK PARKING BRAKE INSTALLATION

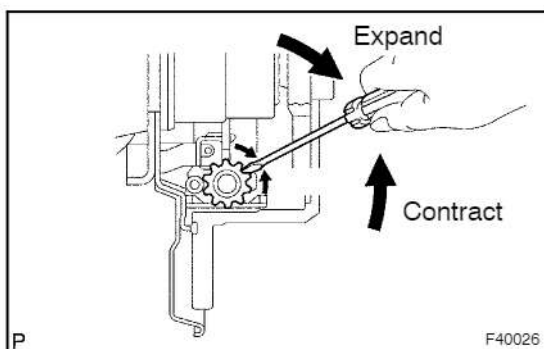
- (a) Check that each part is installed properly.

NOTICE:

There should be no oil or grease on the friction surface of the shoe lining and disc.

**19. INSTALL REAR DISC**

- (a) Install the rear disc by aligning the matchmarks.

**20. ADJUST PARKING BRAKE SHOE CLEARANCE**

- Temporarily install the hub nuts.
- Remove the hole plug. Turn the adjuster until the disc locks and expand the shoe.
- Contract the shoe adjuster until the disc rotates smoothly.
Standard : Return 8 notches
- Check that the shoe has no brake drag.
- Install the hole plug.

21. CONNECT REAR DISC BRAKE CALIPER ASSY LH

- (a) Install the rear disc brake caliper assy LH with 2 bolts.

22. INSTALL REAR WHEEL

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

23. INSPECT AND ADJUST PARKING BRAKE PEDAL TRAVEL (SEE PAGE 33-2)