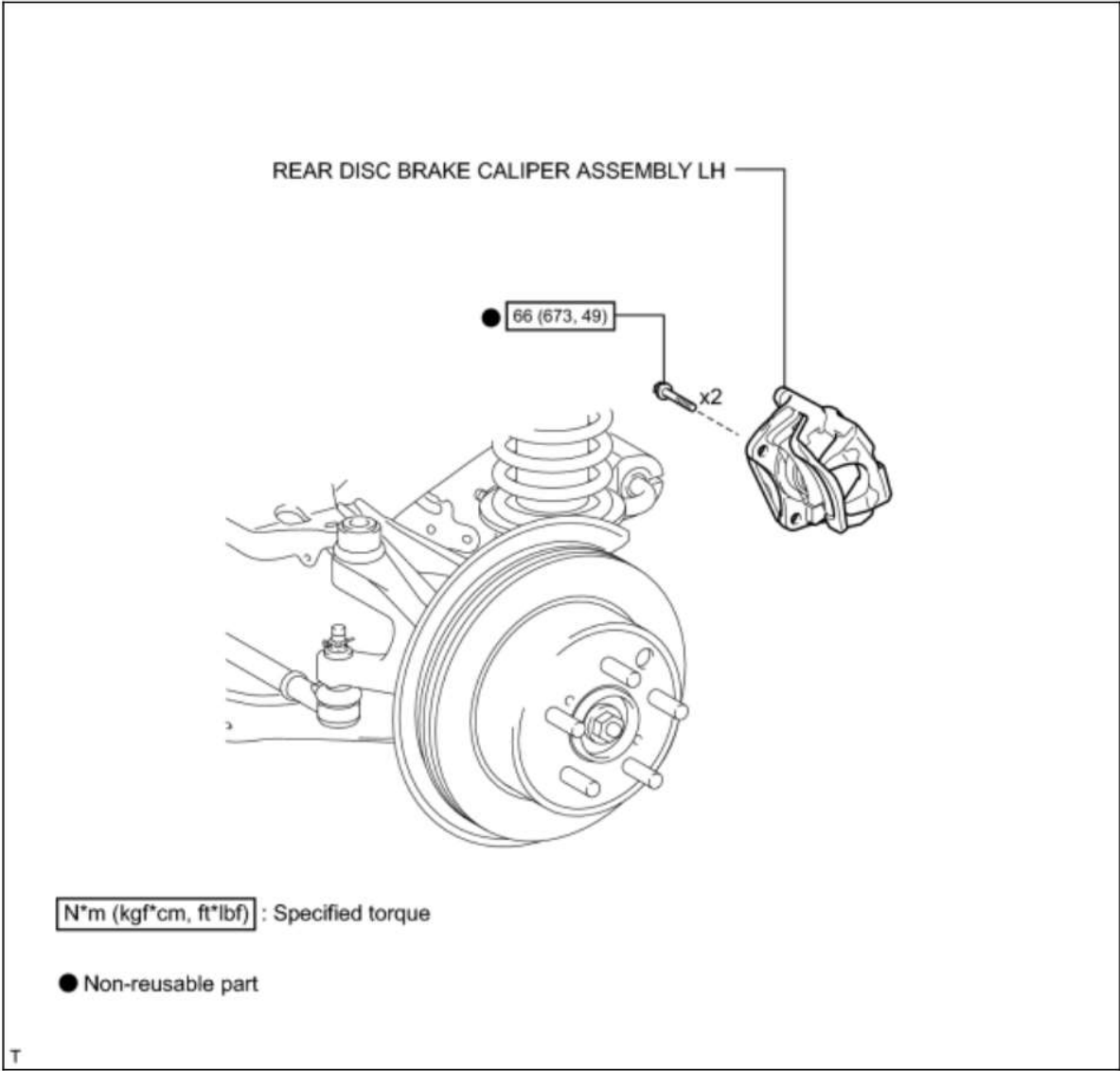


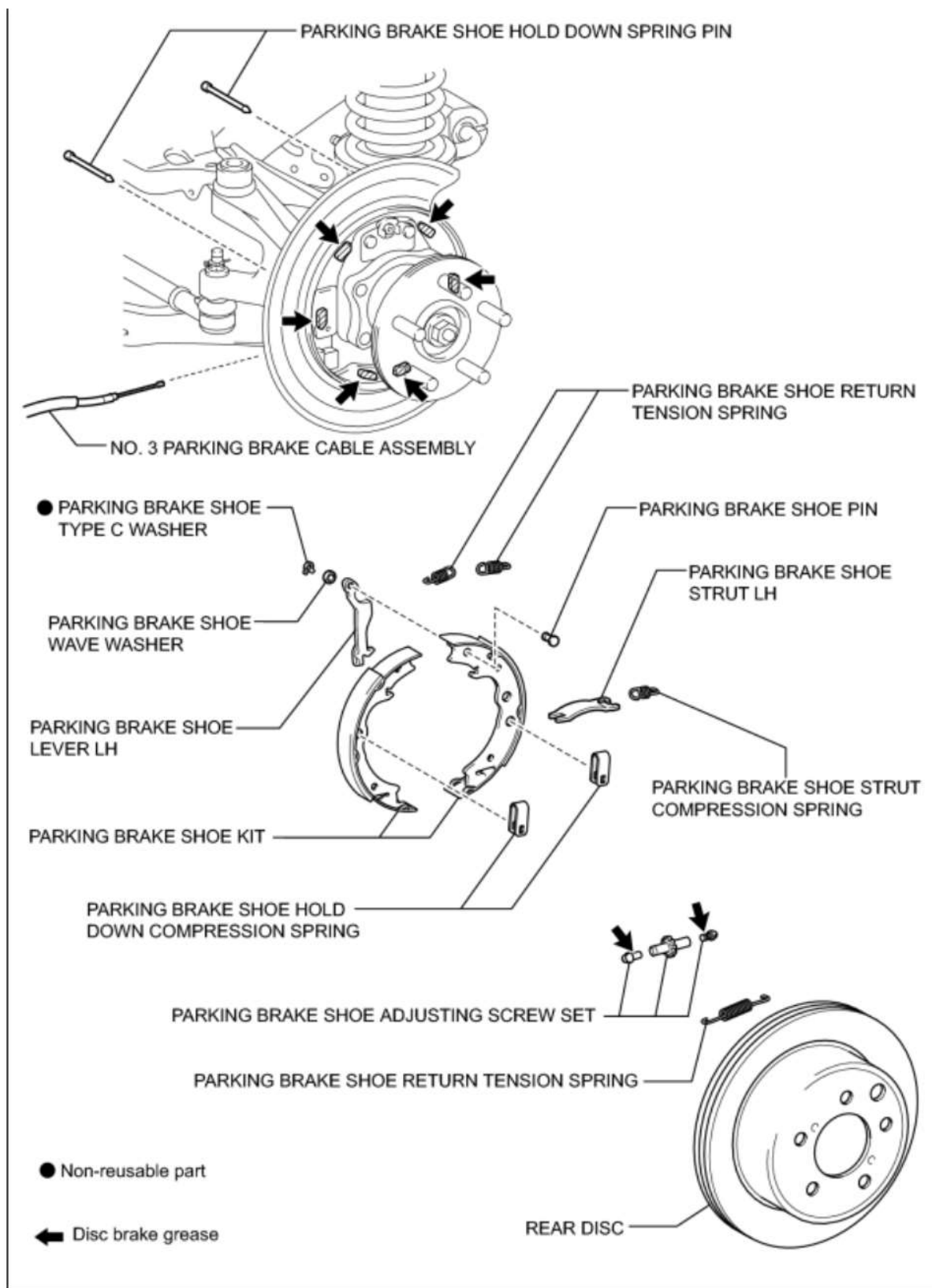
Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000006NP00LX
Title: PARKING BRAKE: PARKING BRAKE ASSEMBLY: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



ILLUSTRATION



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000006NR000X
Title: PARKING BRAKE: PARKING BRAKE ASSEMBLY: DISASSEMBLY (2013 FR-S)		

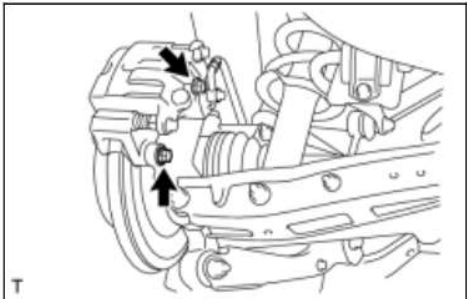
DISASSEMBLY

HINT:

- Use the same procedure for the RH and LH sides.
- The procedure listed below is for the LH side.

1. REMOVE REAR WHEEL

2. SEPARATE REAR DISC BRAKE CALIPER ASSEMBLY LH

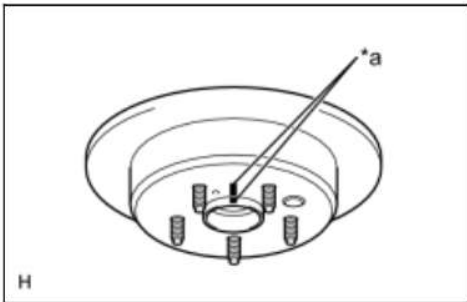


(a) Remove the 2 bolts and separate the rear disc brake caliper assembly LH.

NOTICE:

Hang the rear disc brake cylinder assembly LH with wire or equivalent.

3. REMOVE REAR DISC



(a) Put matchmarks on the rear disc and the rear axle hub.

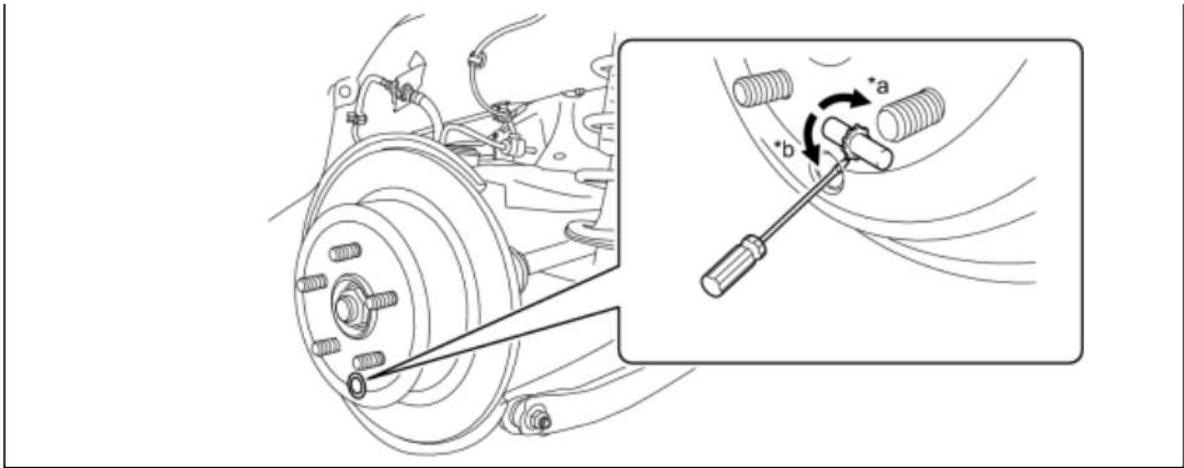
Text in Illustration

*a	Matchmark
----	-----------

(b) Release the parking brake and remove the rear disc.

HINT:

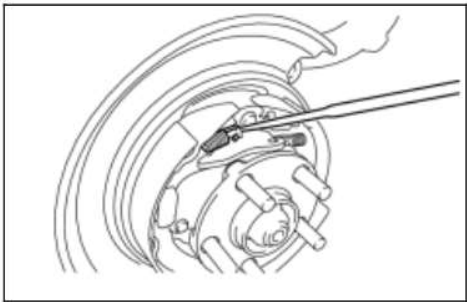
If the disc cannot be removed easily, use a screwdriver to turn the shoe adjuster as shown in the illustration in order to contract the parking brake shoes.



Text in illustration

*a	Expand	*b	Contract
----	--------	----	----------

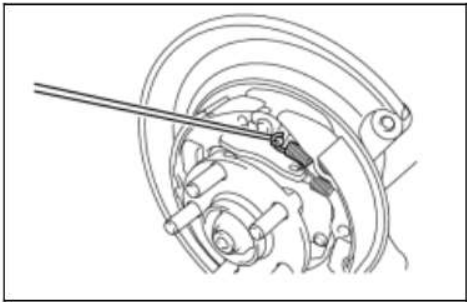
4. REMOVE PARKING BRAKE SHOE RETURN TENSION SPRING (for Front Side)



(a) Using SST, remove the parking brake shoe return tension spring.

SST: 09921-00011

5. REMOVE PARKING BRAKE SHOE RETURN TENSION SPRING (for Rear Side)

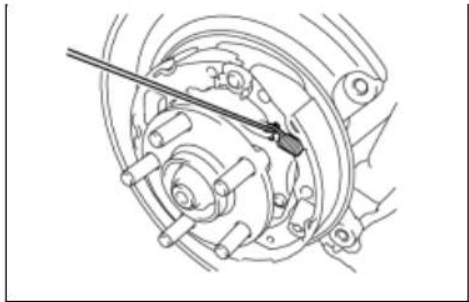


(a) Using SST, remove the parking brake shoe return tension spring.

SST: 09921-00011

6. REMOVE PARKING BRAKE SHOE STRUT COMPRESSION SPRING

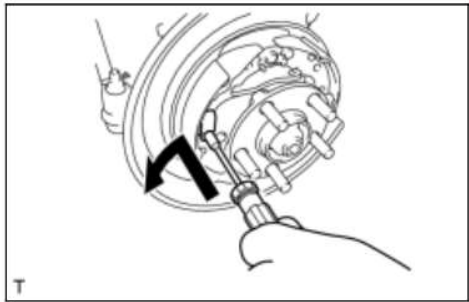
(a) Using SST, remove the parking brake shoe strut



compression spring.

SST: 09921-00011

7. FIX PARKING BRAKE SHOE HOLD DOWN COMPRESSION SPRING (for Front Side)



(a) Using SST, remove the brake shoe hold down compression spring.

SST: 09718-00011

HINT:

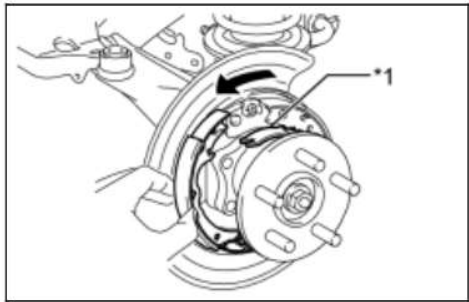
Hold the parking brake shoe hold down spring pin with your finger.

8. REMOVE PARKING BRAKE SHOE HOLD DOWN SPRING PIN (for Front Side)

(a) Remove the parking brake shoe hold down spring pin (for front side).

9. REMOVE PARKING BRAKE SHOE STRUT LH

(a) Pull the parking brake shoe towards the front of the vehicle by hand as shown in the illustration.



(b) Remove the parking brake shoe strut LH.

Text in Illustration

*1	Parking brake shoe strut LH
----	-----------------------------

10. REMOVE PARKING BRAKE SHOE HOLD DOWN COMPRESSION SPRING (for Rear Side)

(a) Using SST, remove the brake shoe hold down compression spring (for rear side).

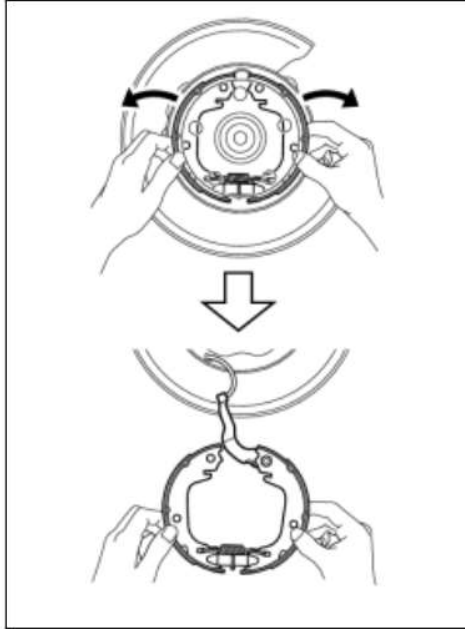
SST: 09718-00011

HINT:

Use the service hole to hold the parking brake shoe hold down spring pin with your finger.

11. REMOVE PARKING BRAKE SHOE HOLD DOWN SPRING PIN (for Rear Side)

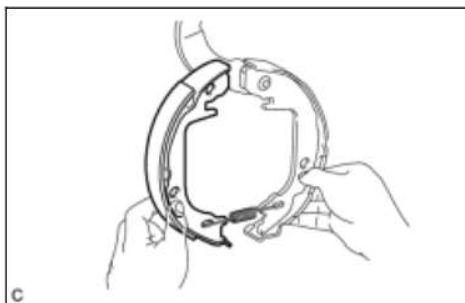
(a) Remove the parking brake shoe hold down spring pin (for rear side).

12. REMOVE PARKING BRAKE SHOE ADJUSTING SCREW SET

(a) Expand the parking brake shoe outward by hand and pull downward to separate them from the parking brake plate.

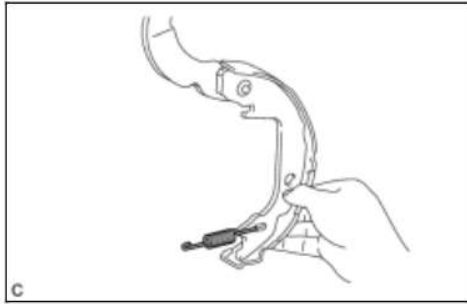


(b) Remove the parking brake shoe adjusting screw set.

13. REMOVE PARKING BRAKE SHOE KIT

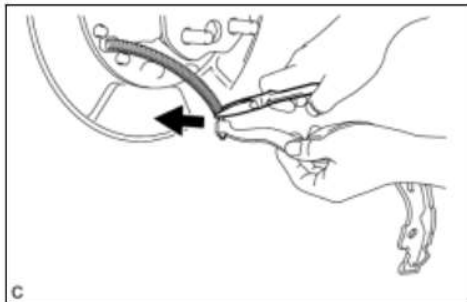
(a) Remove the parking brake shoe kit.

14. REMOVE PARKING BRAKE SHOE RETURN TENSION SPRING



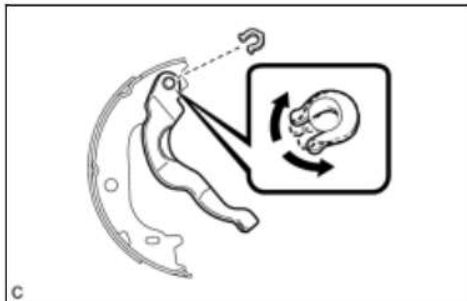
(a) Remove the parking brake shoe return tension spring.

15. REMOVE PARKING BRAKE SHOE LEVER LH



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

16. REMOVE PARKING BRAKE SHOE TYPE C WASHER



(a) Widen and remove the parking brake shoe type C washer from the parking brake shoe as shown in the illustration.

17. REMOVE PARKING BRAKE SHOE WAVE WASHER

(a) Remove the parking brake shoe wave washer.

18. REMOVE PARKING BRAKE SHOE PIN

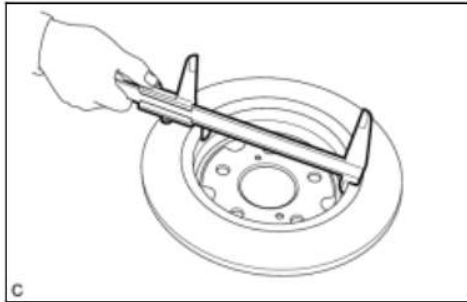
(a) Remove the parking brake shoe pin.



Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000000V6G04TX
Title: PARKING BRAKE: PARKING BRAKE ASSEMBLY: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT BRAKE DISC INSIDE DIAMETER



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

Standard inside diameter:

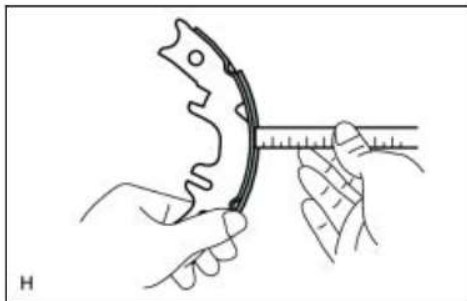
190 mm (7.48 in.)

Maximum inside diameter:

191 mm (7.52 in.)

If the inside diameter is more than the maximum, replace the rear disc.

2. INSPECT PARKING BRAKE SHOE LINING THICKNESS



- (a) Using a ruler, measure the thickness of the parking brake shoe lining.

Standard thickness:

3.5 mm (0.1378 in.)

Minimum thickness:

1.5 mm (0.0591 in.)

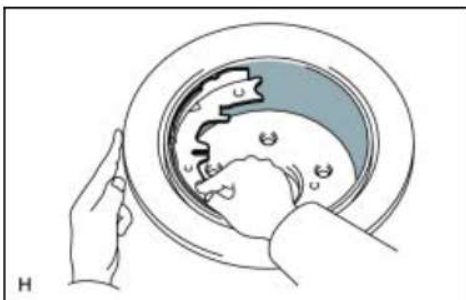
If the lining thickness is less than the minimum, or if there is severe or uneven wear, replace the parking brake shoe assembly.

NOTICE:

Always replace both right and left parking brake shoes together.

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

- (a) Apply chalk to the inside surface of the disc, then slide the brake shoe against the disc to check the fit of the brake shoe lining to the disc.



Text in Illustration

	Chalk
---	-------

If the contact between the disc and the brake shoe lining is incorrect, repair it using a brake shoe grinder or replace the parking brake shoe assembly.

NOTICE:

- Always replace both right and left parking brake shoes together.
- Wipe off the chalk after inspection.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000006NT00RX
Title: PARKING BRAKE: PARKING BRAKE ASSEMBLY: REASSEMBLY (2013 FR-S)		

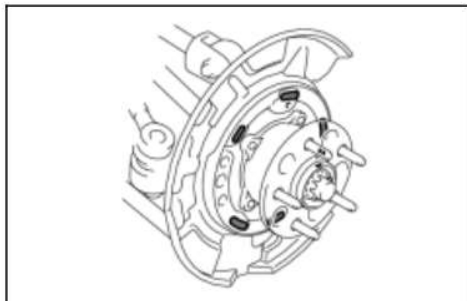
REASSEMBLY

HINT:

- The procedure listed below is for the LH side.
- Use the same procedure for the RH and LH sides.

1. APPLY DISC BRAKE GREASE

- (a) Apply a light coat of disc brake grease to the areas of the backing plate which make contact with the shoe as shown in the illustration.



Text in Illustration

	Disc Brake Grease
---	-------------------

2. INSTALL PARKING BRAKE SHOE PIN

- (a) Install the parking brake shoe pin.

3. INSTALL PARKING BRAKE SHOE LEVER LH

- (a) Apply a light coat of disc brake grease to the areas of the parking brake shoe lever LH which make contact with the parking brake shoe pin.
- (b) Install the parking brake shoe lever LH to the parking brake shoe.

4. INSTALL PARKING BRAKE SHOE WAVE WASHER

- (a) Install the wave washer.

5. INSTALL PARKING BRAKE SHOE TYPE C WASHER

- (a) Install a new parking brake shoe type C washer.

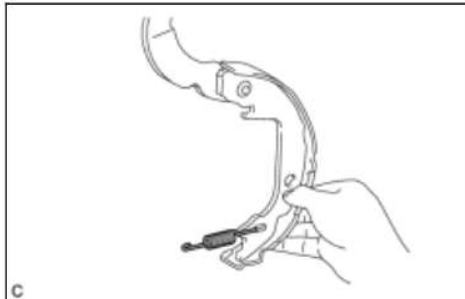


- (b) Using a pair of pliers, squeeze together the ends of the parking brake shoe type C washer.

6. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY

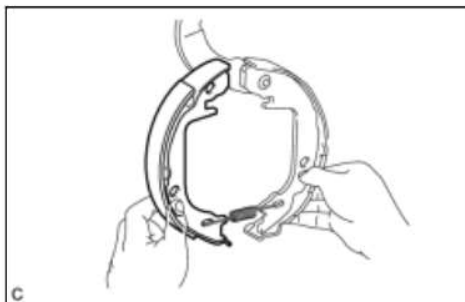
- (a) Using needle-nose pliers, connect the No. 3 parking brake cable assembly to the parking brake shoe lever LH.

7. INSTALL PARKING BRAKE SHOE RETURN TENSION SPRING



- (a) Install the parking brake shoe return tension spring to the parking brake shoe.

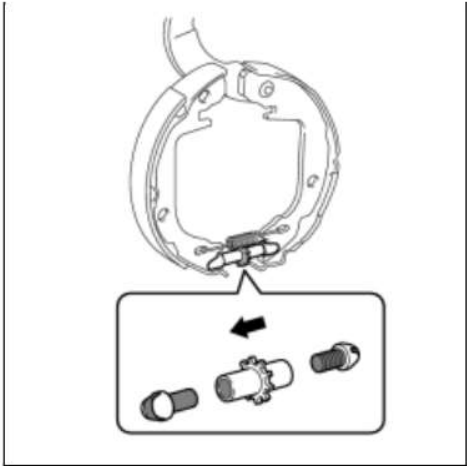
8. INSTALL PARKING BRAKE SHOE KIT



- (a) Install the parking brake shoe to the parking brake shoe return tension spring.

9. INSTALL PARKING BRAKE SHOE ADJUSTING SCREW SET

- (a) Apply disc brake grease to the parking brake shoe adjusting screw set as shown in the illustration.

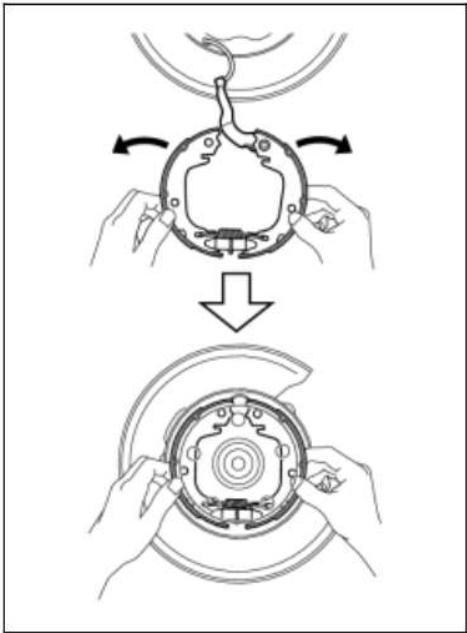


(b) Install the parking brake shoe adjusting screw set to the parking brake shoes.

NOTICE:
Take care to install the correct parking brake shoe adjusting screw set because the direction of the parking brake shoe adjusting screw set is different between the left and right sides.

Text in Illustration

	Disc Brake Grease
	For front side (LH Side) For rear side (RH Side)

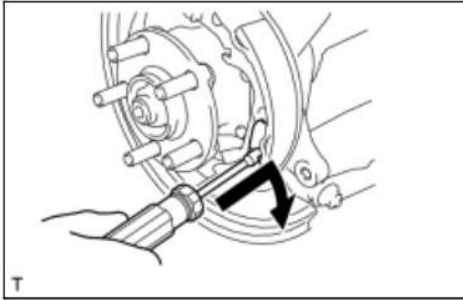


(c) Expand the parking brake shoes outward by hand and fit them to the parking brake plate.

10. INSTALL PARKING BRAKE SHOE HOLD DOWN SPRING PIN (for Rear Side)

- (a) Install the parking brake shoe hold down spring pin (for rear side) to the parking brake plate.

11. INSTALL PARKING BRAKE SHOE HOLD DOWN COMPRESSION SPRING (for Rear Side)

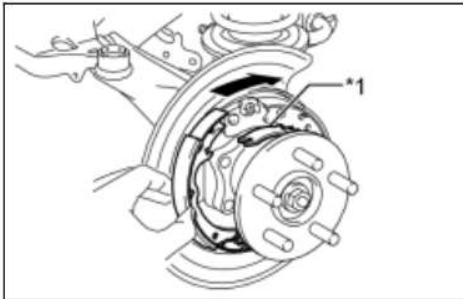


- (a) Using SST, install the parking brake shoe hold down compression spring (for rear side) as shown in the illustration.

SST: 09718-00011

12. INSTALL PARKING BRAKE SHOE STRUT LH

- (a) Pull the parking brake shoe towards the front of the vehicle by hand as shown in the illustration.
(b) Install the parking brake shoe strut LH.



- (c) Install the parking brake shoe.

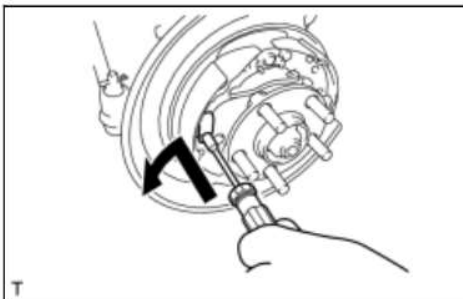
Text in Illustration

*1	Parking brake shoe strut LH
----	-----------------------------

13. INSTALL PARKING BRAKE SHOE HOLD DOWN SPRING PIN (for Front Side)

- (a) Install the parking brake shoe hold down spring pin (for Front side) to the parking brake plate.

14. INSTALL PARKING BRAKE SHOE HOLD DOWN COMPRESSION SPRING (for Front Side)



- (a) Using SST, install the parking brake shoe hold down compression spring (for Front Side) as shown in the illustration.

SST: 09718-00011

15. INSTALL PARKING BRAKE SHOE STRUT COMPRESSION SPRING

- (a) Install the parking brake shoe strut compression spring to the shoe strut.

16. INSTALL PARKING BRAKE SHOE RETURN TENSION SPRING (for Rear Side)

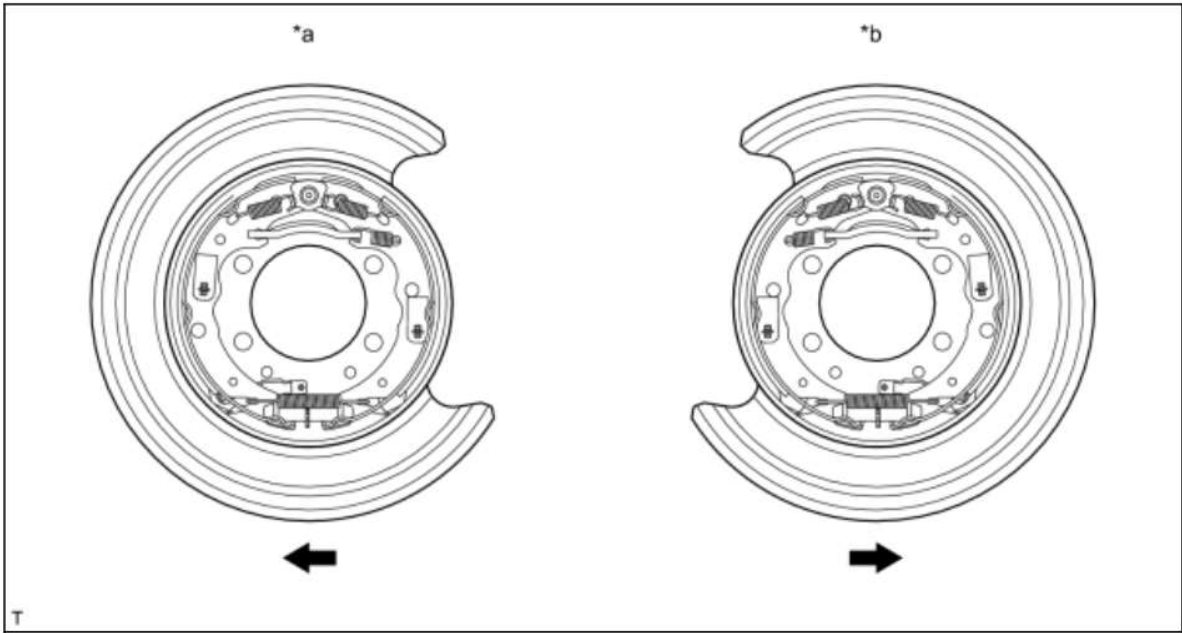
(a) Install the parking brake shoe return tension spring (for rear side).

17. INSTALL PARKING BRAKE SHOE RETURN TENSION SPRING (for Front Side)

(a) Install the parking brake shoe return tension spring (for front side).

18. CHECK PARKING BRAKE INSTALLATION

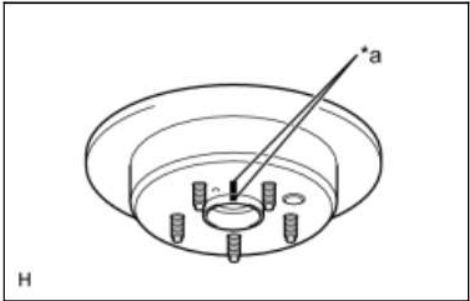
(a) Make sure that all the parts are installed properly. If necessary, remove and reinstall the parts.



Text in Illustration

*a	LH Side	*b	RH Side
	Front of the Vehicle	-	-

19. INSTALL REAR DISC



(a) Align the matchmarks of the rear disc and rear axle hub, and install the rear disc.

Text in Illustration

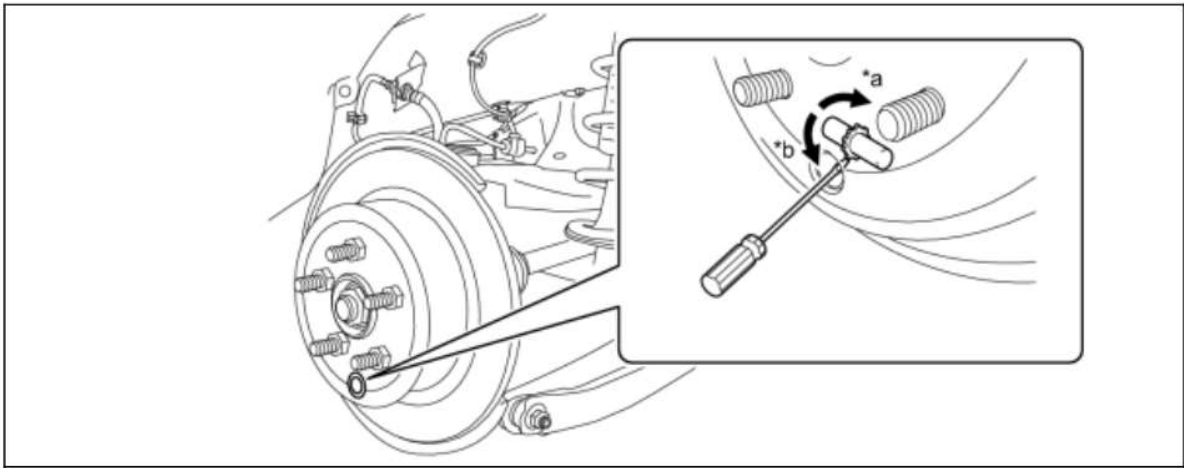
*a	Matchmark
----	-----------

HINT:
When replacing the disc with a new one, select the installation position where the rear disc has minimal runout.

20. ADJUST PARKING BRAKE SHOW CLEARANCE AND PARKING BRAKE PEDAL TRAVEL

- (a) Temporarily install the hub nuts to the hub bolts.
- (b) Remove the parking brake shoe adjusting hole plug.

(c) Turn the shoe adjuster and expand the shoes until the disc locks.



Text in illustration

*a	Expand	*b	Contract
----	--------	----	----------

(d) Turn and contract the shoe adjuster until the disc can rotate smoothly.

Standard:
Returns 10 notches.

(e) Check that the parking brake does not drag.

(f) Remove the hub nuts from the hub bolts.

21. INSTALL REAR DISC BRAKE CALIPER ASSEMBLY LH

(a) Install the rear disc brake caliper assembly LH with the new 2 bolts.

Torque: 66 N·m (673 kgf·cm, 49ft·lbf)

22. INSPECT PARKING BRAKE LEVER TRAVEL

INFO

23. ADJUST PARKING BRAKE LEVER TRAVEL

INFO

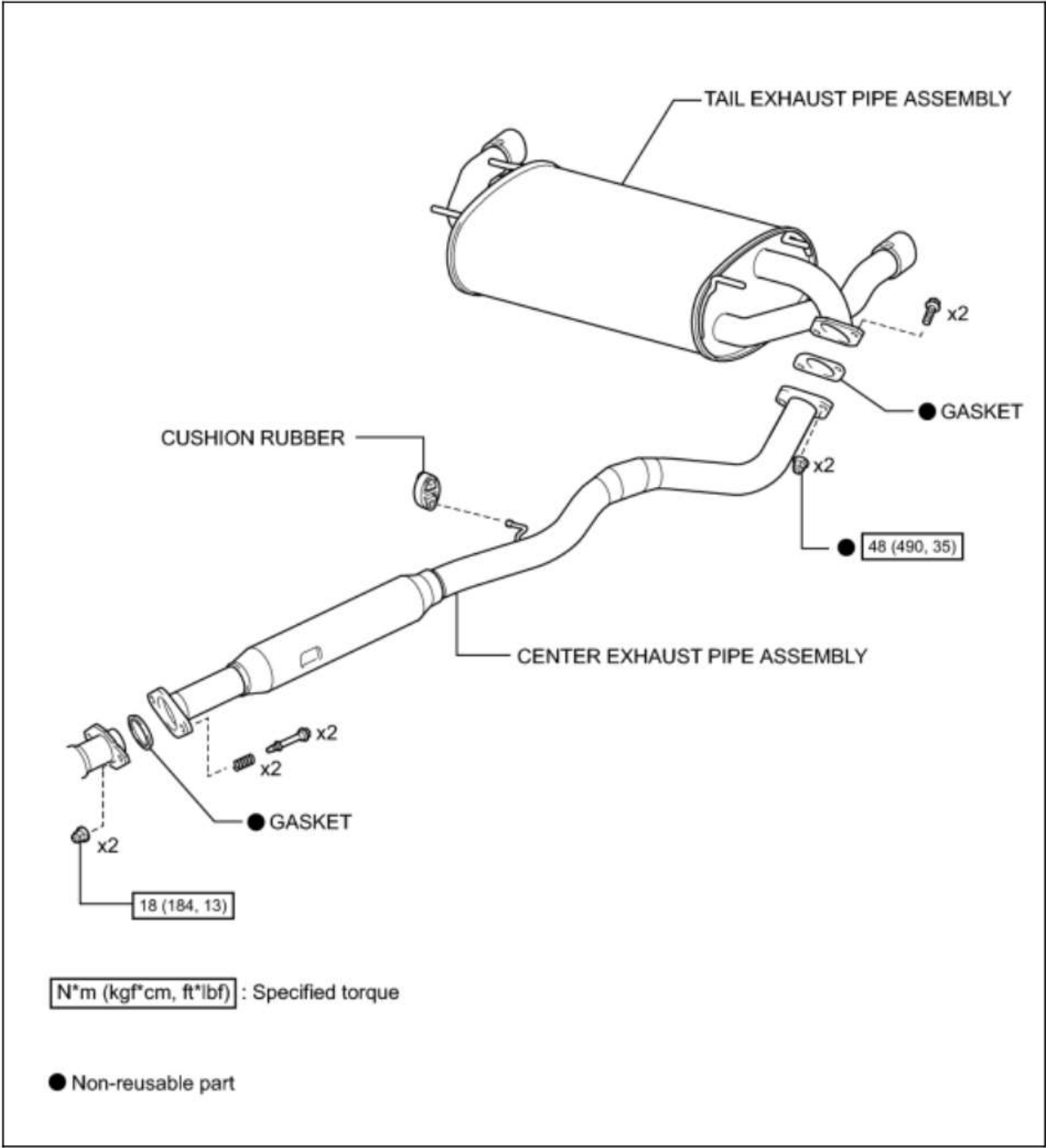
24. INSTALL REAR WHEEL

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

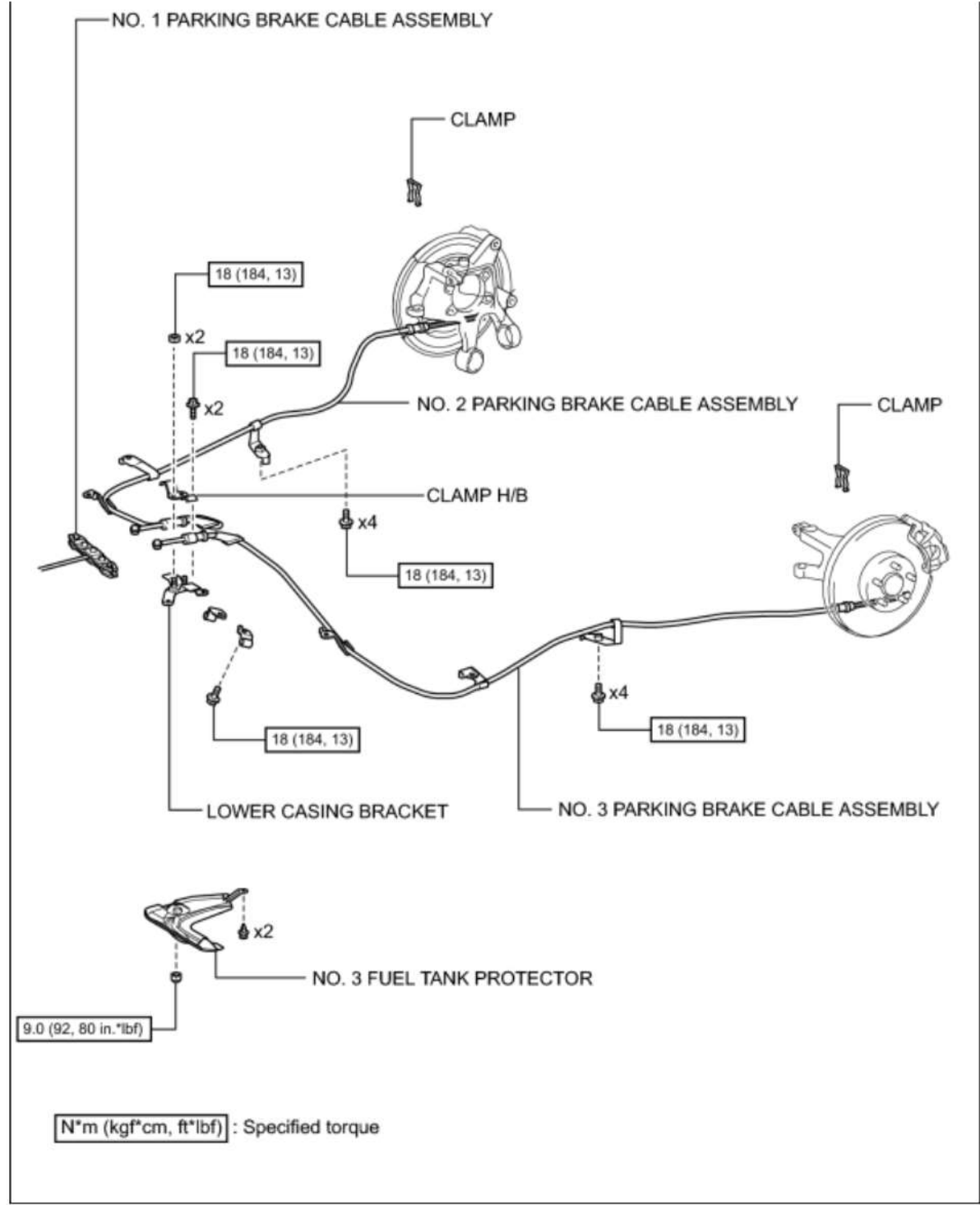
Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003KG2009X
Title: PARKING BRAKE: PARKING BRAKE CABLE: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



ILLUSTRATION



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Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003KG1009X
Title: PARKING BRAKE: PARKING BRAKE CABLE: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL NO. 3 PARKING BRAKE CABLE ASSEMBLY

- (a) Install the No. 3 parking brake cable assembly to the parking brake plate with the clamp.
- (b) Install the No. 3 parking brake cable assembly to the body with the 4 bolts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

2. INSTALL NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

Use the same procedure for the No. 2 parking brake cable assembly as for the No. 3 parking brake cable assembly.

3. INSTALL PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY

INFO

4. INSTALL CENTER EXHAUST PIPE ASSEMBLY

- (a) Install the center exhaust pipe assembly with the cushion rubber.
- (b) Install the new gasket and the center exhaust pipe assembly with the 2 new nuts and the 2 bolts.

Torque: 48 N·m (490 kgf·cm, 35ft·lbf)

HINT:

- Do not reuse the gaskets.
- Do not reuse the nuts.
- (c) Install the new gasket and the front exhaust pipe assembly with the 2 nuts and the 2 bolts and the 2 compression springs to the center exhaust pipe assembly.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

HINT:

Do not reuse the gaskets.

5. INSTALL NO. 3 FUEL TANK PROTECTOR

INFO

6. INSTALL LOWER CASING BRACKET

- (a) Install the lower casing bracket of the body with the 2 bolts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

7. INSTALL CLAMP H/B

- (a) Install the clamp H/B of the casing lower bracket with the 2 nuts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

8. INSTALL PARKING BRAKE ASSEMBLY

INFO**9. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY****INFO****10. INSTALL CONSOLE BOX ASSEMBLY****INFO**

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003KG3009X
Title: PARKING BRAKE: PARKING BRAKE CABLE: REMOVAL (2013 FR-S)		

REMOVAL

1. REMOVE CONSOLE BOX ASSEMBLY

INFO

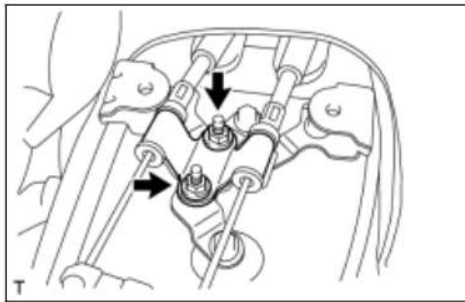
2. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

INFO

3. REMOVE PARKING BRAKE ASSEMBLY

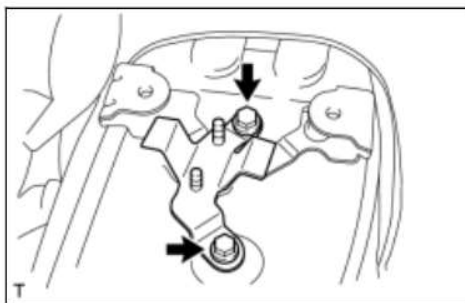
INFO

4. REMOVE CLAMP H/B



(a) Remove the 2 nuts and the clamp H/B.

5. REMOVE LOWER CASING BRACKET



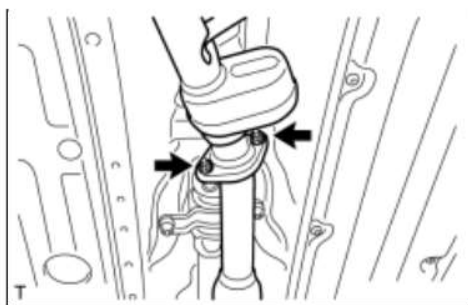
(a) Remove the 2 bolts and the lower casing bracket.

6. REMOVE NO. 3 FUEL TANK PROTECTOR

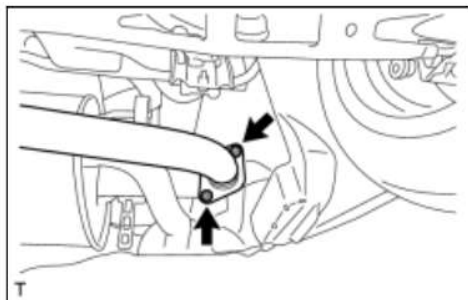
INFO

7. REMOVE CENTER EXHAUST PIPE ASSEMBLY

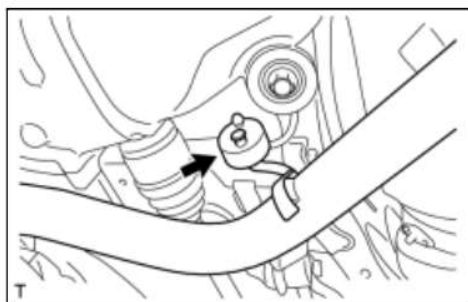
(a) Remove the 2 nuts and the 2 bolts and the 2 compression spring and disconnect the center exhaust



pipe assembly.



(b) Remove the 2 nuts and the 2 bolts and disconnect the tail exhaust pipe assembly.



(c) Remove the cushion rubber and the center exhaust pipe assembly.

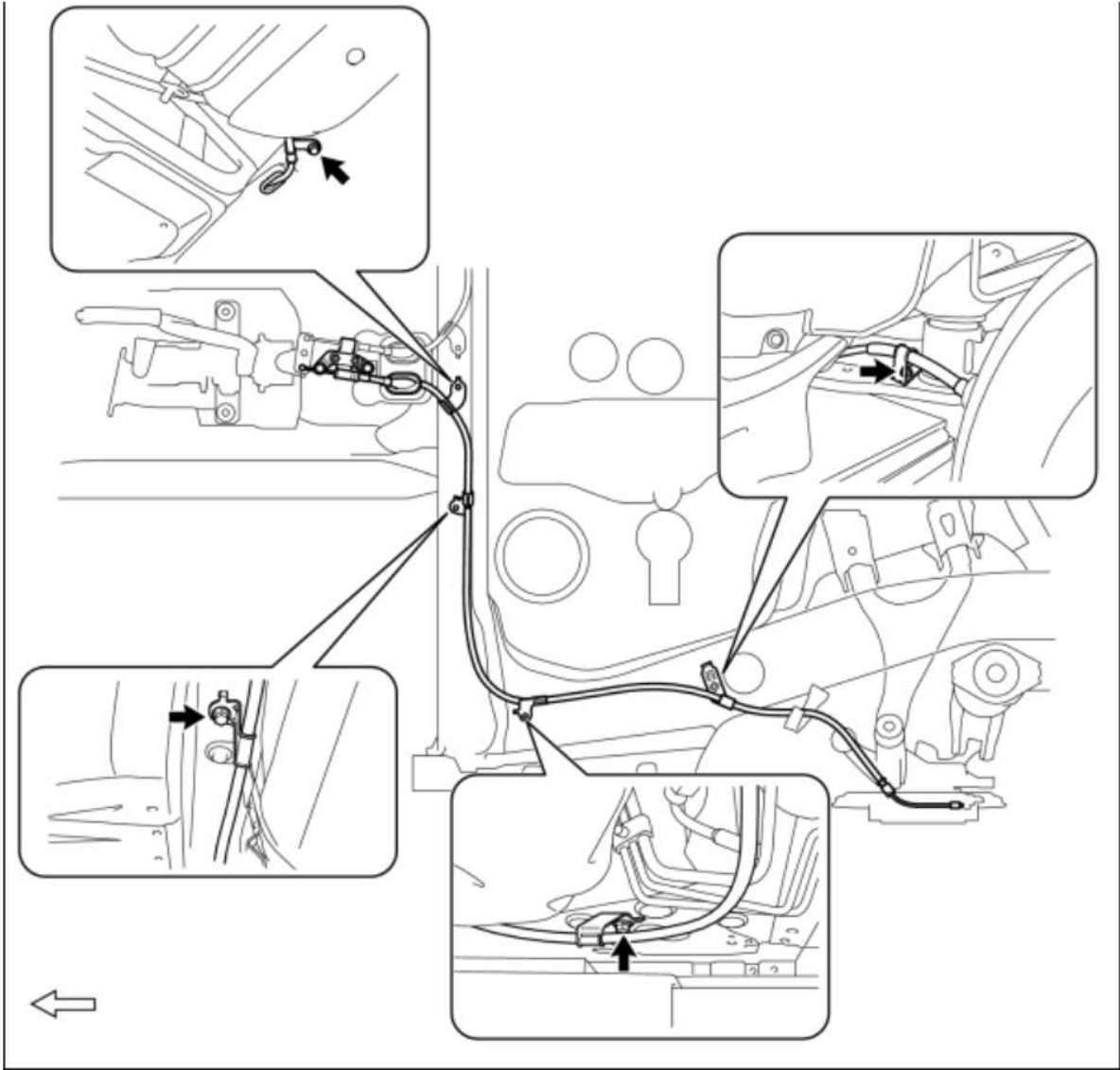
(d) Remove the gasket.

8. REMOVE PROPELLER WITH CENTER BEARING SHAFT ASSEMBLY

INFO

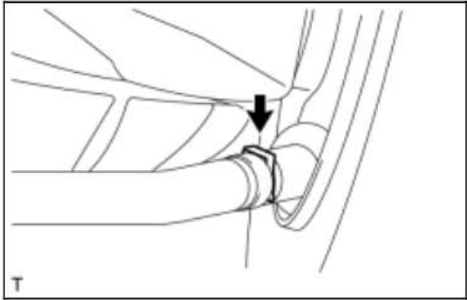
9. REMOVE NO. 3 PARKING BRAKE CABLE ASSEMBLY

(a) Remove the 4 bolts and separate the No. 3 parking brake cable assembly from the vehicle.



Text in illustration

	Bolt		Vehicle front side
---	------	---	--------------------



(b) Remove the clamp and remove the No. 3 parking brake cable assembly.

10. REMOVE NO. 2 PARKING BRAKE CABLE ASSEMBLY

HINT:

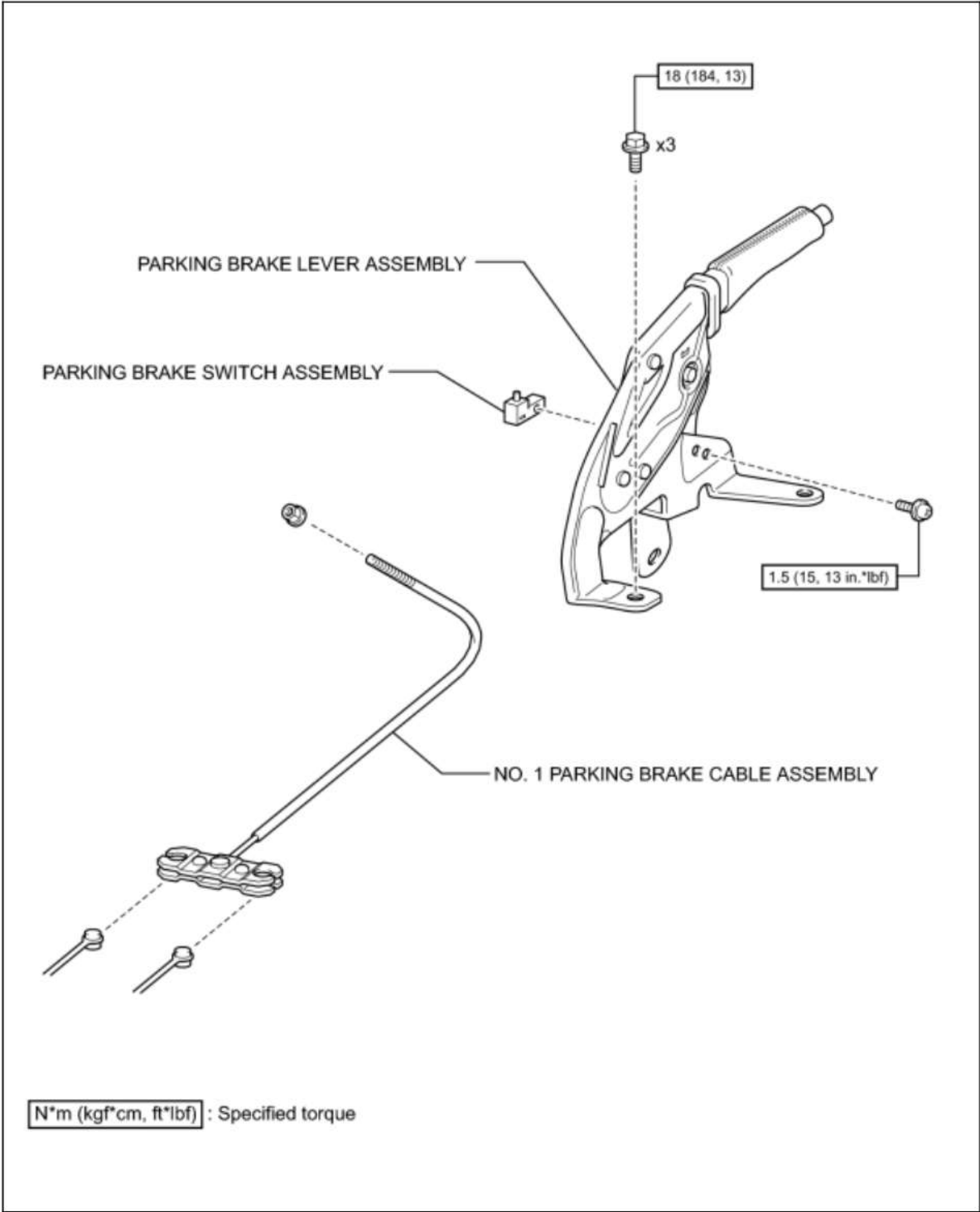
Use the same No. 3 parking brake cable assembly as for the No. 2 parking brake cable assembly.



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000026OG007X
Title: PARKING BRAKE: PARKING BRAKE LEVER: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



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Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000026OF008X
Title: PARKING BRAKE: PARKING BRAKE LEVER: INSTALLATION (2013 FR-S)		

INSTALLATION

1. INSTALL PARKING BRAKE SWITCH ASSEMBLY

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

Torque: 1.5 N·m (15 kgf·cm, 13in·lbf)

2. INSTALL PARKING BRAKE LEVER ASSEMBLY

- (a) Install the parking brake lever assembly with the 3 bolts.

Torque: 18 N·m (184 kgf·cm, 13ft·lbf)

- (b) Connect the parking brake switch assembly connector.

3. INSTALL NO. 1 PARKING BRAKE CABLE ASSEMBLY

- (a) Temporarily install the NO. 1 parking brake cable assembly to the parking brake lever with the adjusting nut.
- (b) Install the NO. 2 parking brake cable assembly and NO. 3 to the NO. 1 parking brake cable assembly.

4. INSPECT PARKING BRAKE LEVER TRAVEL

INFO

5. ADJUST PARKING BRAKE LEVER TRAVEL

INFO

6. INSTALL CONSOLE BOX ASSEMBLY

INFO



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000026OH008X
Title: PARKING BRAKE: PARKING BRAKE LEVER: REMOVAL (2013 FR-S)		

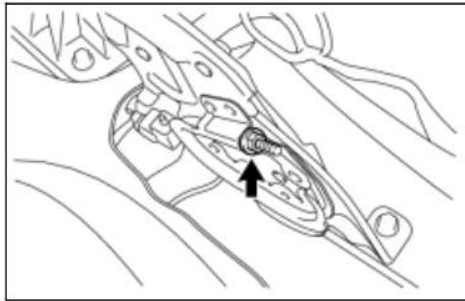
REMOVAL

1. REMOVE CONSOLE BOX ASSEMBLY

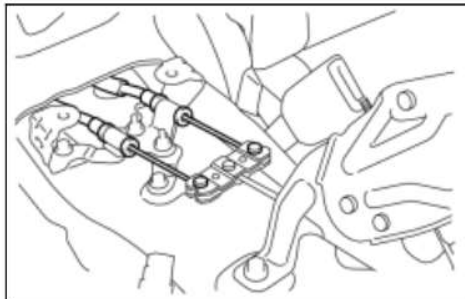
INFO

2. REMOVE NO. 1 PARKING BRAKE CABLE ASSEMBLY

- (a) Release the parking brake lever assembly.



- (b) Remove the adjusting nut.

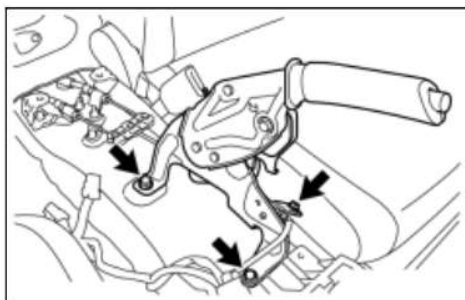


- (c) Disconnect the NO. 2 parking brake cable assembly and NO. 3 parking brake cable assembly from the NO. 1 parking brake cable assembly.

- (d) Remove the NO. 1 parking brake cable assembly from the parking brake lever assembly.

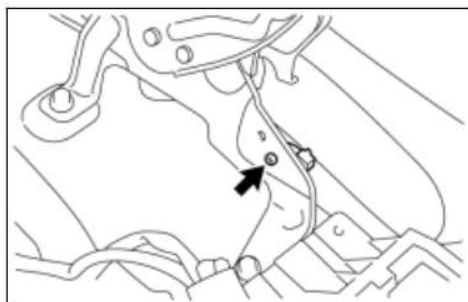
3. REMOVE PARKING BRAKE LEVER ASSEMBLY

- (a) Disconnect the parking brake switch assembly connector.



- (b) Remove the 3 bolts and parking brake lever assembly.

4. REMOVE PARKING BRAKE SWITCH ASSEMBLY



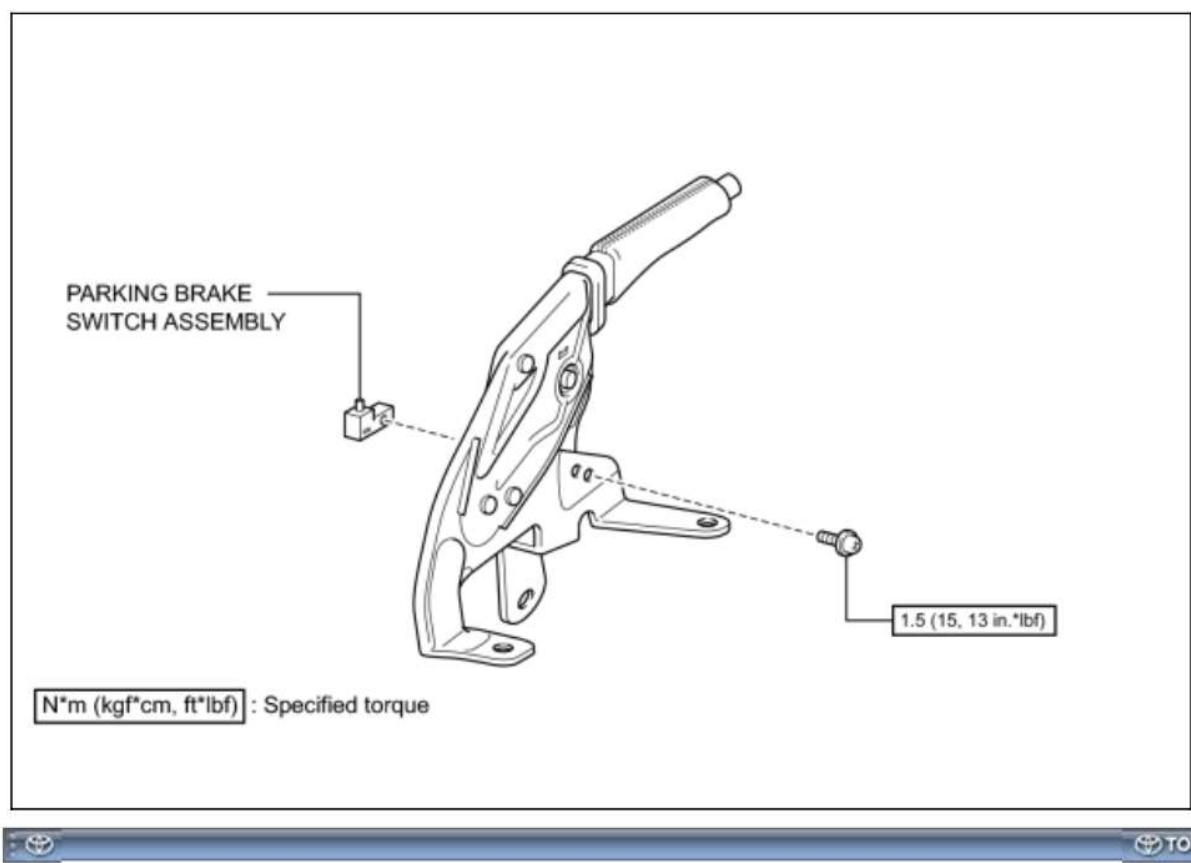
- (a) Remove the screw and parking brake switch assembly from the parking brake lever assembly.



Last Modified: 3-27-2012	6.4 K	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000260U007X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: COMPONENTS (2013 FR-S)		

COMPONENTS

ILLUSTRATION



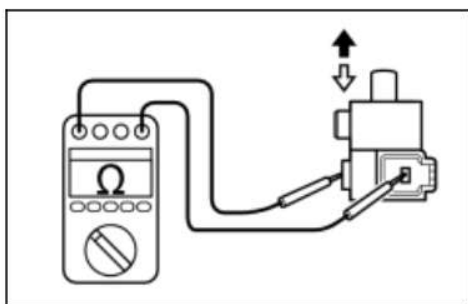
Last Modified: 3-27-2012	6.4 G	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000260T007X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: INSPECTION (2013 FR-S)		

INSPECTION

1. INSPECT PARKING BRAKE SWITCH ASSEMBLY

(a) Check the resistance.

(1) Using an ohmmeter, measure the resistance between the terminals.



Text in Illustration

	ON
	OFF

Standard resistance:

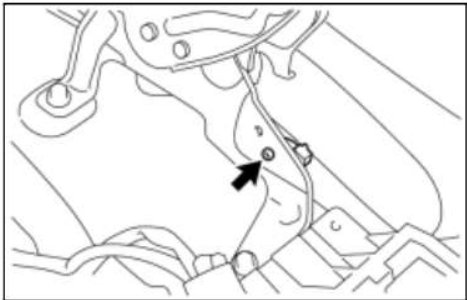
TESTER CONNECTION	SWITCH CONDITION	SPECIFIED CONDITION
1 - Ground	Released (ON)	Below 1 Ω
1 - Ground	Pushed in (OFF)	10 k Ω or higher

If the result is not as specified, replace the parking brake switch assembly.



Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM00000260S008X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: INSTALLATION (2013 FR-S)		

INSTALLATION



1. INSTALL PARKING BRAKE SWITCH ASSEMBLY

- (a) Install the parking brake switch assembly with the screw.
Torque: 1.5 N·m (15 kgf·cm, 13in·lbf)
- (b) Connect the parking brake switch assembly connector.

2. INSTALL CONSOLE BOX ASSEMBLY

INFO

  TOYOTA

Last Modified: 3-27-2012	6.4 A	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM0000026OV008X
Title: PARKING BRAKE: PARKING BRAKE SWITCH: REMOVAL (2013 FR-S)		

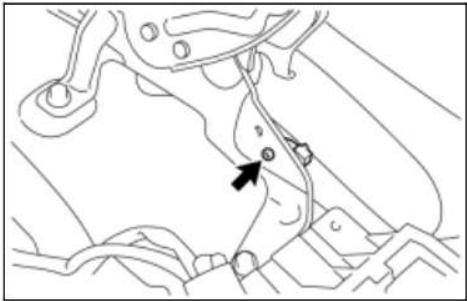
REMOVAL

1. REMOVE CONSOLE BOX ASSEMBLY

INFO

2. REMOVE PARKING BRAKE SWITCH ASSEMBLY

(a) Disconnect the parking brake switch assembly connector.



(b) Remove the screw and parking brake switch assembly.

Last Modified: 3-27-2012	6.4 N	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000000UVR057X
Title: PARKING BRAKE: PARKING BRAKE SYSTEM: ADJUSTMENT (2013 FR-S)		

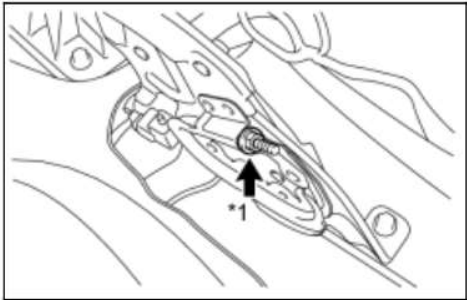
ADJUSTMENT

1. INSPECT PARKING BRAKE LEVER TRAVEL

- (a) Fully pull the parking brake lever to engage the parking brake.
- (b) Pull the lever again to disengage the parking brake.
- (c) Slowly pull the parking brake lever using the specified force, and count the number of clicks.
Parking brake lever travel:
7 to 8 notches at 200 N (20 kgf, 45.0 lbf)
If the parking brake lever travel is not as specified, adjust the parking brake shoe clearance and parking brake lever travel.

2. ADJUST PARKING BRAKE LEVER TRAVEL

- (a) Remove the front console box INFO.
- (b) Completely release the parking brake lever.

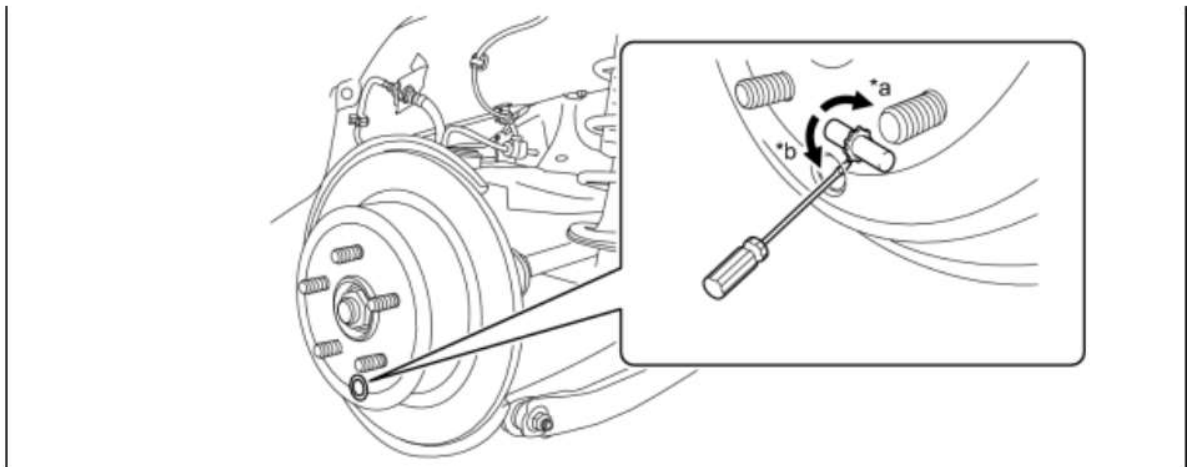


- (c) Loosen the adjusting nut to completely release the parking brake cable.

Text in Illustration

*1	Adjusting nut
----	---------------

- (d) Remove the rear wheels.
- (e) Temporarily install the hub nuts to the hub bolts.
- (f) Remove the parking brake shoe adjusting hole plug.
- (g) Turn the shoe adjuster and expand the shoes until the disc locks.

**Text in illustration**

*a	Expand	*b	Contract
----	--------	----	----------

- (h) Turn and contract the shoe adjuster until the disc can rotate smoothly.

Standard:

Returns 10 notches.

- (i) Check that there is no brake drag against the shoe.

- (j) Install the parking brake shoe adjusting hole plug.

- (k) Turn the adjusting nut until the parking brake lever travel is corrected to be within the specified range.

Parking brake lever travel:

7 to 8 notches at 200 N (20 kgf, 45.0 lbf)

- (l) Using a wrench or an equivalent tool, tighten the adjusting nut.

- (m) Operate the parking brake lever 3 to 4 times, and check the parking brake lever travel.

Parking brake lever travel:

7 to 8 notches at 200 N (20 kgf, 45.0 lbf)

- (n) Check that the parking brake does not drag.

- (o) Remove the hub nuts from the hub bolts.

- (p) Install the rear wheels.

Torque: 120 N·m (1224 kgf·cm, 89ft·lbf)

- (q) Install the front console box INFO.

3. INSPECT BRAKE WARNING LIGHT

- (a) When operating the parking brake lever, check that the brake warning light illuminates.

Standard:

The brake warning light always illuminates at the first click.



Last Modified: 3-27-2012	6.4 T	From: 201203
Model Year: 2013	Model: FR-S	Doc ID: RM000003KNR00AX
Title: PARKING BRAKE: PARKING BRAKE SYSTEM: PROBLEM SYMPTOMS TABLE (2013 FR-S)		

PROBLEM SYMPTOMS TABLE

HINT:

Use the table below to help determine the cause of problem symptoms. If multiple suspected areas are listed, the potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

SYMPTOM	SUSPECTED AREA	SEE PAGE
Brake drag	Parking brake lever travel (Out of adjustment)	INFO
	Parking brake wire (Sticking) (No. 1 cable)	INFO
	Parking brake wire (Sticking) (No. 2 cable)	INFO
	Parking brake wire (Sticking) (No. 3 cable)	INFO
	Parking brake shoe clearance (Out of adjustment)	INFO
	Parking brake shoe lining (Cracked or distorted)	INFO
	Tension or return spring (Damaged)	INFO



TOYOTA