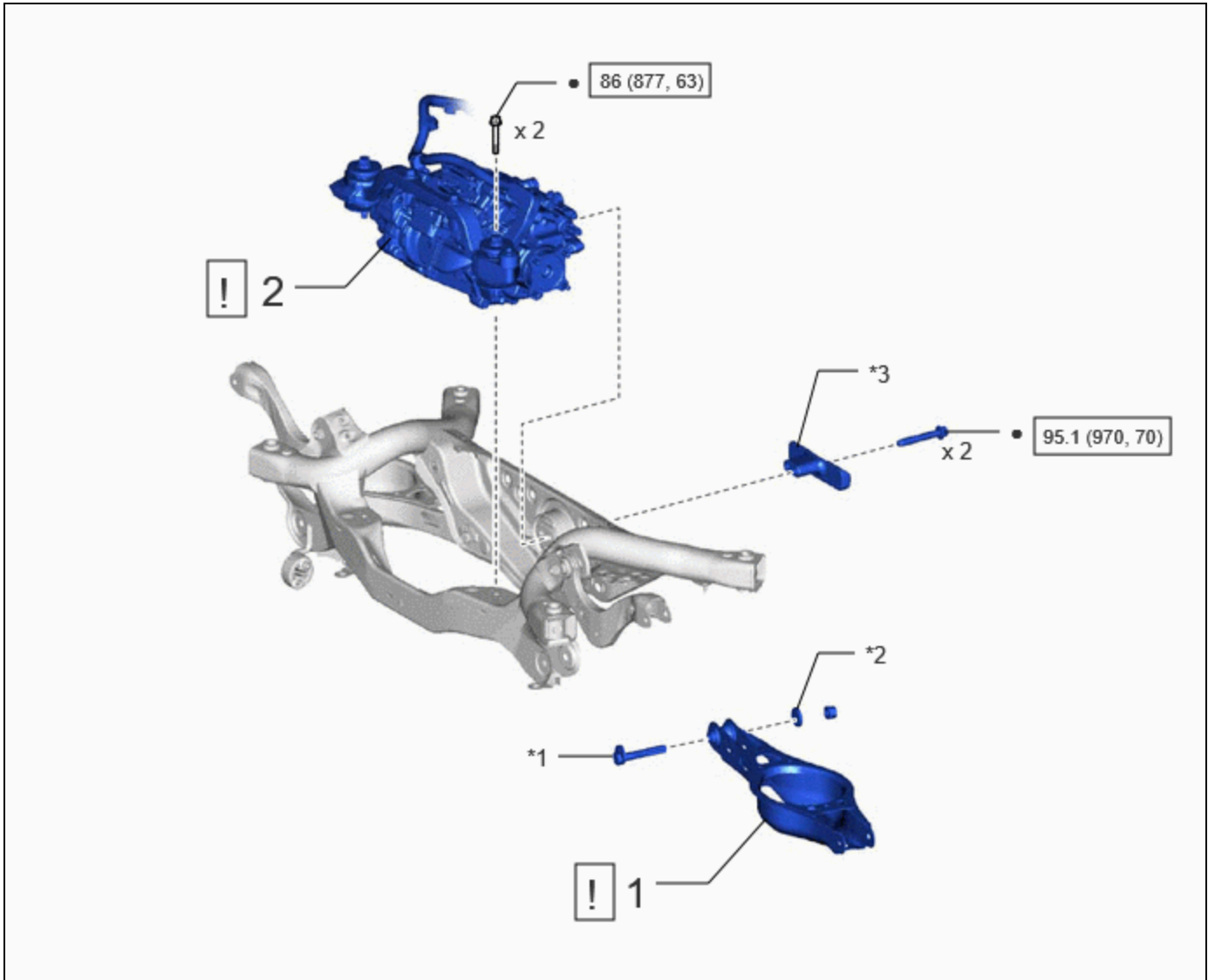


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029HI4
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: REAR SUSPENSION: REAR LOWER ARM (for AWD LH Side): INSTALLATION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		




INSTALLATION


CAUTION / NOTICE / HINT

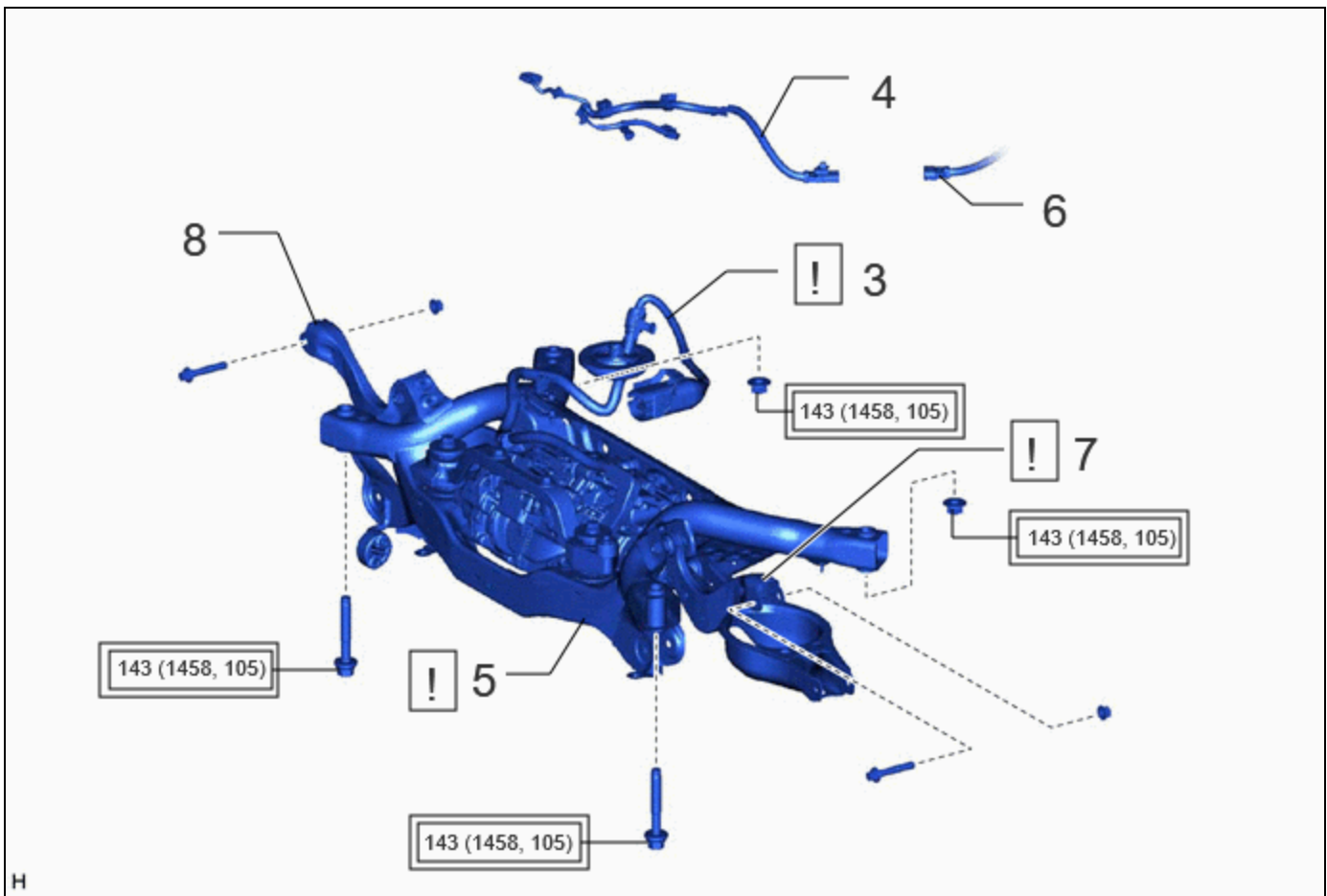
COMPONENTS (INSTALLATION)









	PROCEDURE	PART NAME CODE			
1	TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY	48740F	INFO	-	-


PROCEDURE		PART NAME CODE			
2	REAR TRACTION MOTOR WITH TRANSAXLE ASSEMBLY	G1050	INFO	-	-

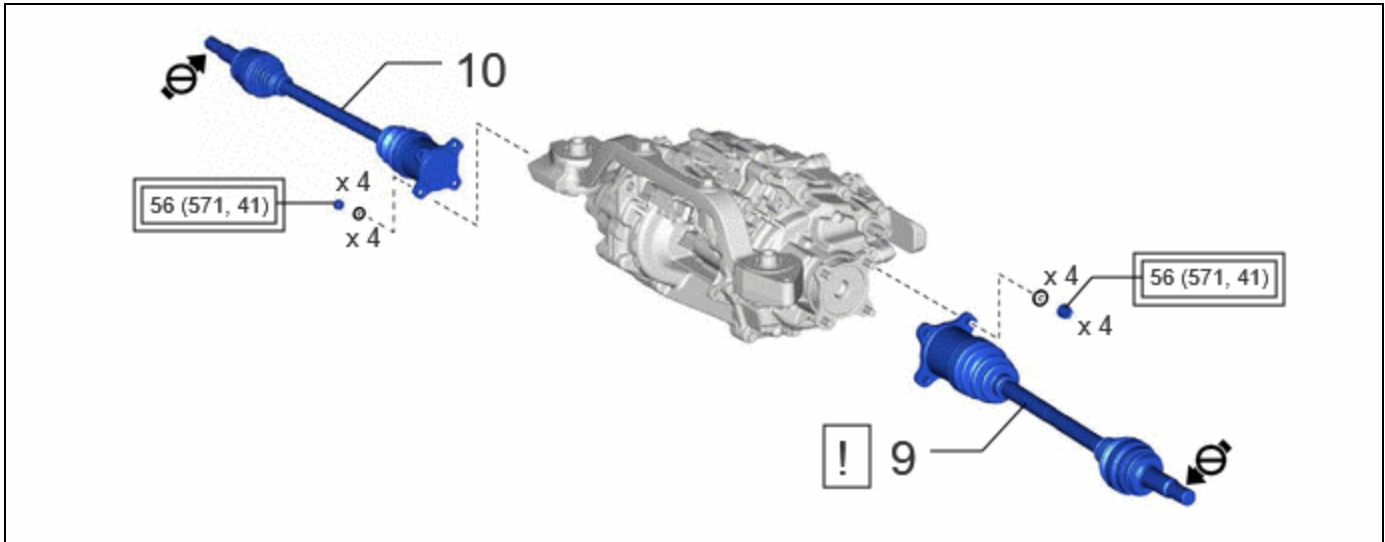
*1	REAR SUSPENSION TOE ADJUST CAM SUB-ASSEMBLY	*2	NO. 2 CAMBER ADJUST CAM
*3	DIFFERENTIAL MASS DAMPER	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque		<ul style="list-style-type: none"> Non-reusable part








PROCEDURE		PART NAME CODE			
3	REAR TRACTION MOTOR CABLE	G1149	INFO	-	-
4	NO. 6 FLOOR WIRE	82169A	-	-	-
5	REAR SUSPENSION MEMBER SUB-ASSEMBLY	51206A	INFO	-	-
6	FRAME WIRE	-	-	-	-

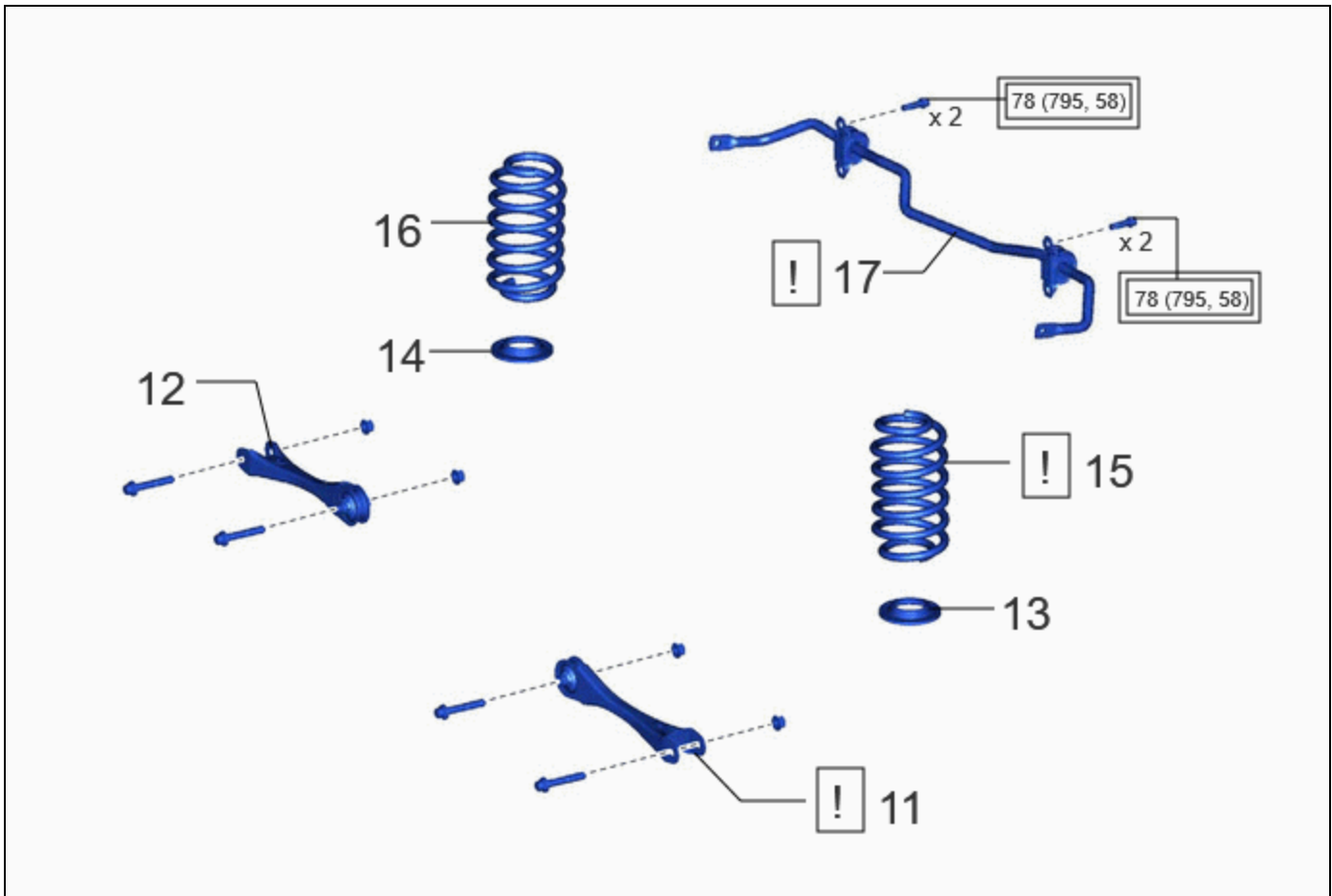
	PROCEDURE	PART NAME CODE			
7	REAR UPPER CONTROL ARM ASSEMBLY LH	48790	INFO	-	-
8	REAR UPPER CONTROL ARM ASSEMBLY RH	48770A	-	-	-

	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)	-	-
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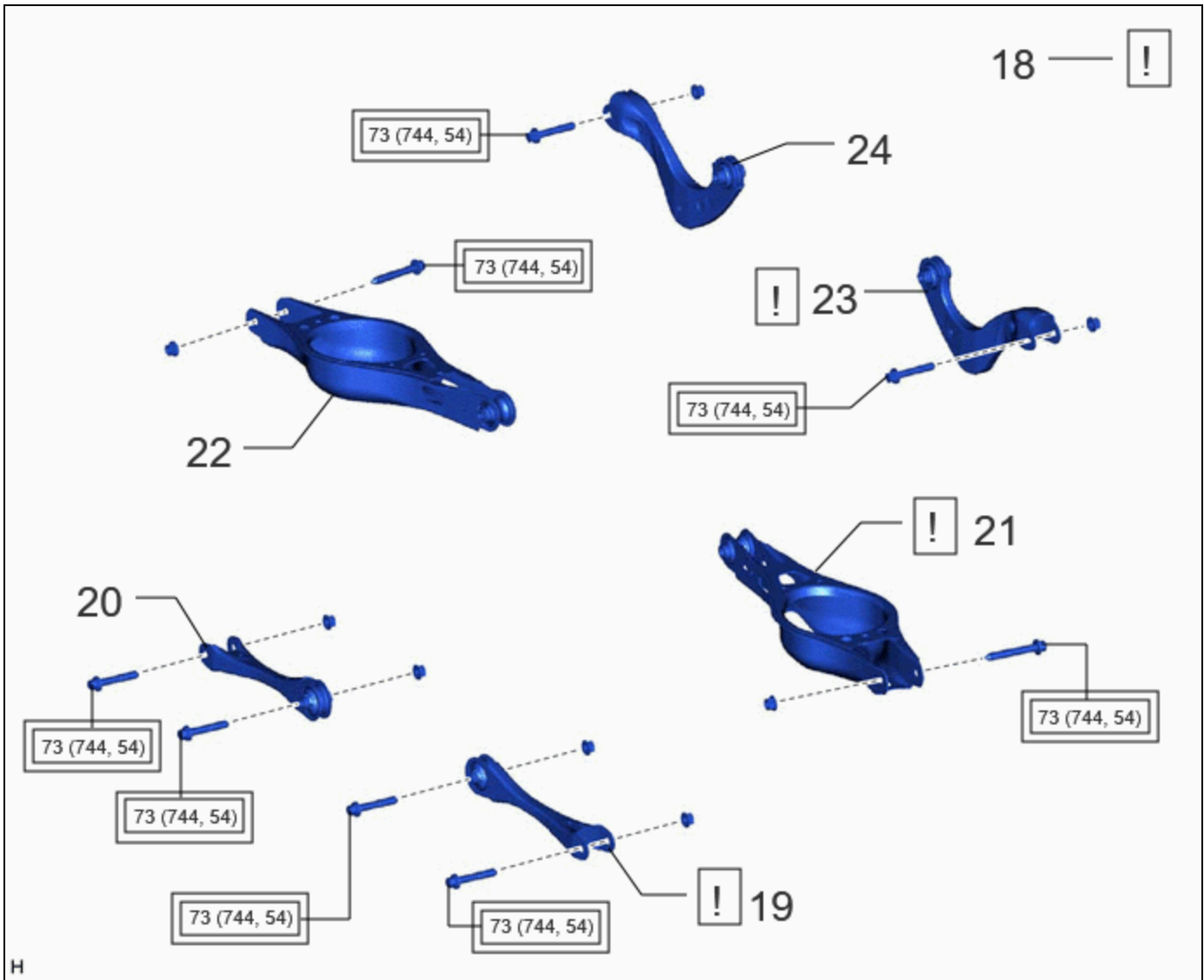
	PROCEDURE	PART NAME CODE			
9	REAR DRIVE SHAFT ASSEMBLY LH	42340B	INFO	-	-
10	REAR DRIVE SHAFT ASSEMBLY RH	42330	-	-	-

	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		Do not apply lubricants to the threaded parts
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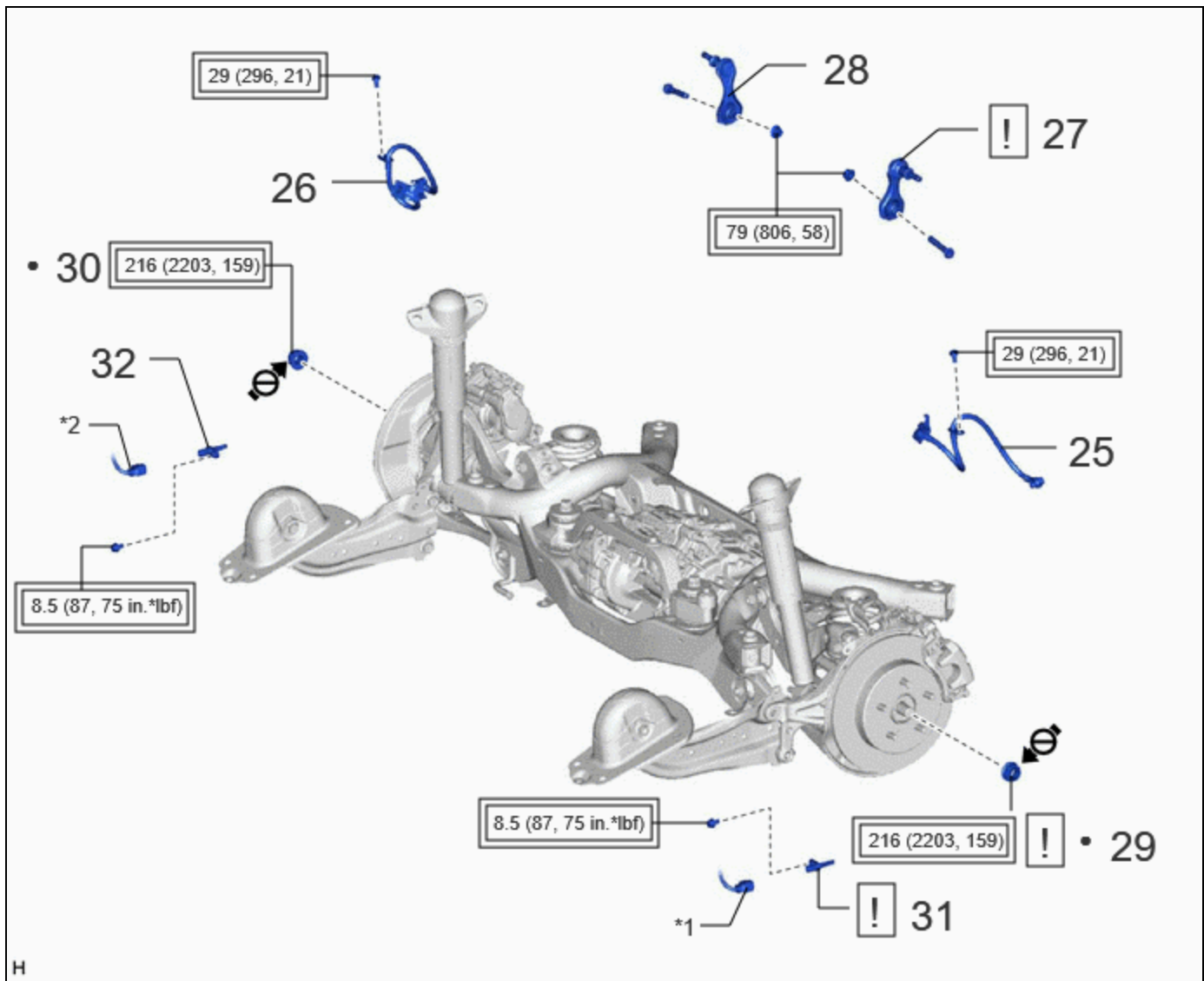
PROCEDURE		PART NAME CODE			
11	REAR NO. 1 SUSPENSION ARM ASSEMBLY LH	48720A	INFO	-	-
12	REAR NO. 1 SUSPENSION ARM ASSEMBLY RH	48710A	-	-	-
13	REAR LOWER COIL SPRING INSULATOR LH	48258C	-	-	-
14	REAR LOWER COIL SPRING INSULATOR RH	48258B	-	-	-
15	REAR COIL SPRING LH	48231B	INFO	-	-
16	REAR COIL SPRING RH	48231A	-	-	-
17	REAR STABILIZER BAR	48812	INFO	-	-

	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		
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PROCEDURE		PART NAME CODE			
18	STABILIZE SUSPENSION	-	INFO	-	-
19	REAR NO. 1 SUSPENSION ARM ASSEMBLY LH	48720A	INFO	-	-
20	REAR NO. 1 SUSPENSION ARM ASSEMBLY RH	48710A	-	-	-
21	REAR NO. 2 SUSPENSION ARM ASSEMBLY LH	48740F	INFO	-	-
22	REAR NO. 2 SUSPENSION ARM ASSEMBLY RH	48730F	-	-	-
23	REAR UPPER CONTROL ARM ASSEMBLY LH	48790	INFO	-	-
24	REAR UPPER CONTROL ARM ASSEMBLY RH	48770A	-	-	-

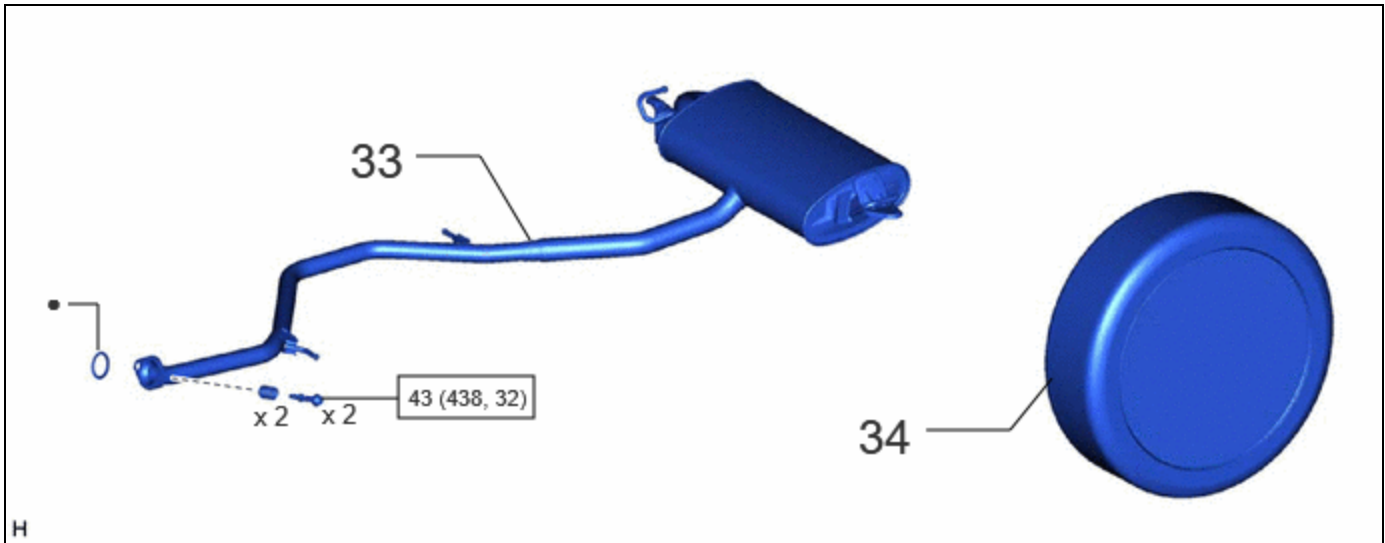
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)	-	-
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
PROCEDURE		PART NAME CODE	!	📄	⚙️
25	REAR FLEXIBLE HOSE LH	47319F	-	-	-
26	REAR FLEXIBLE HOSE RH	47318F	-	-	-
27	REAR STABILIZER LINK ASSEMBLY LH	48840A	INFO	-	-
28	REAR STABILIZER LINK ASSEMBLY RH	48830D	-	-	-
29	REAR AXLE SHAFT NUT (for LH Side)	42312B	INFO	-	-
30	REAR AXLE SHAFT NUT (for RH Side)	42312B	-	-	-
31	REAR SKID CONTROL SENSOR LH	89544E	INFO	-	-
32	REAR SKID CONTROL SENSOR RH	89544D	-	-	-

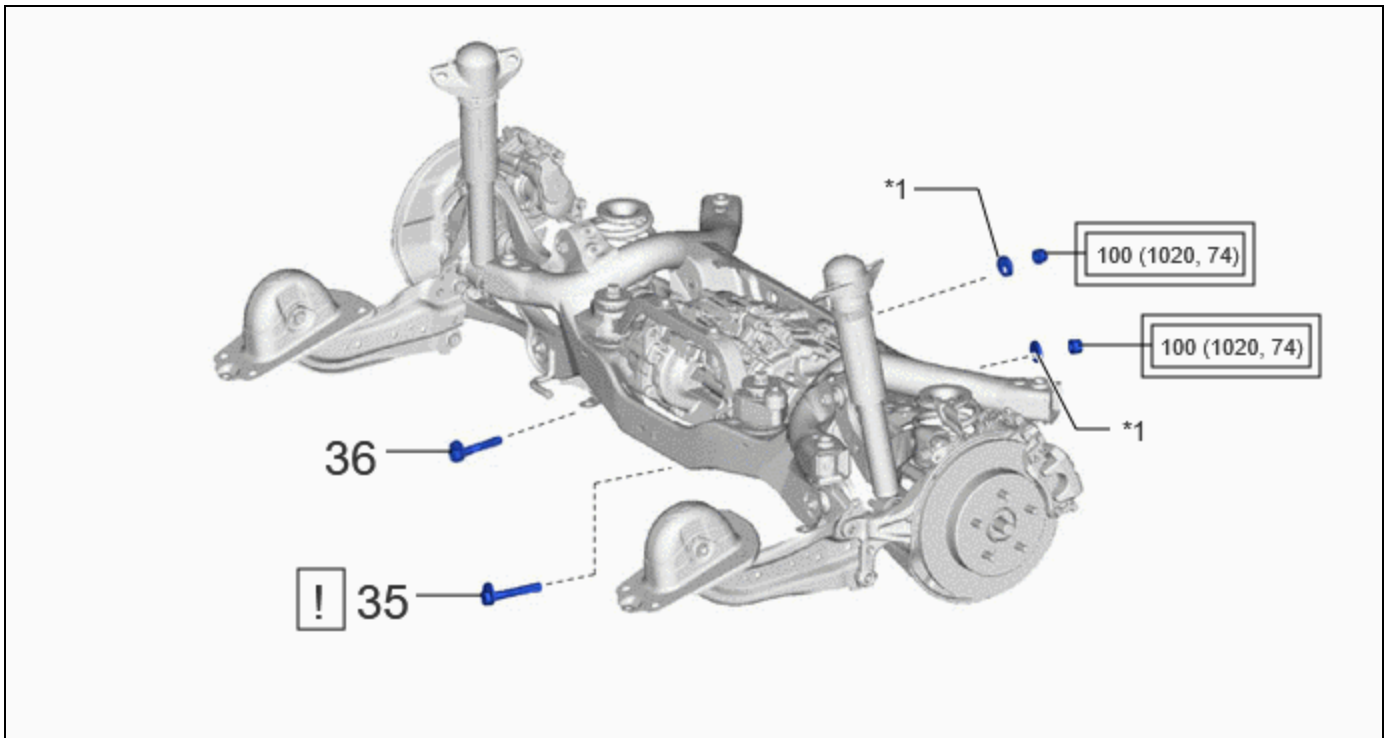
*1	NO. 2 PARKING BRAKE WIRE ASSEMBLY	*2	NO. 1 PARKING BRAKE WIRE ASSEMBLY
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	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)		Do not apply lubricants to the threaded parts
<ul style="list-style-type: none"> • 	Non-reusable part	-	-



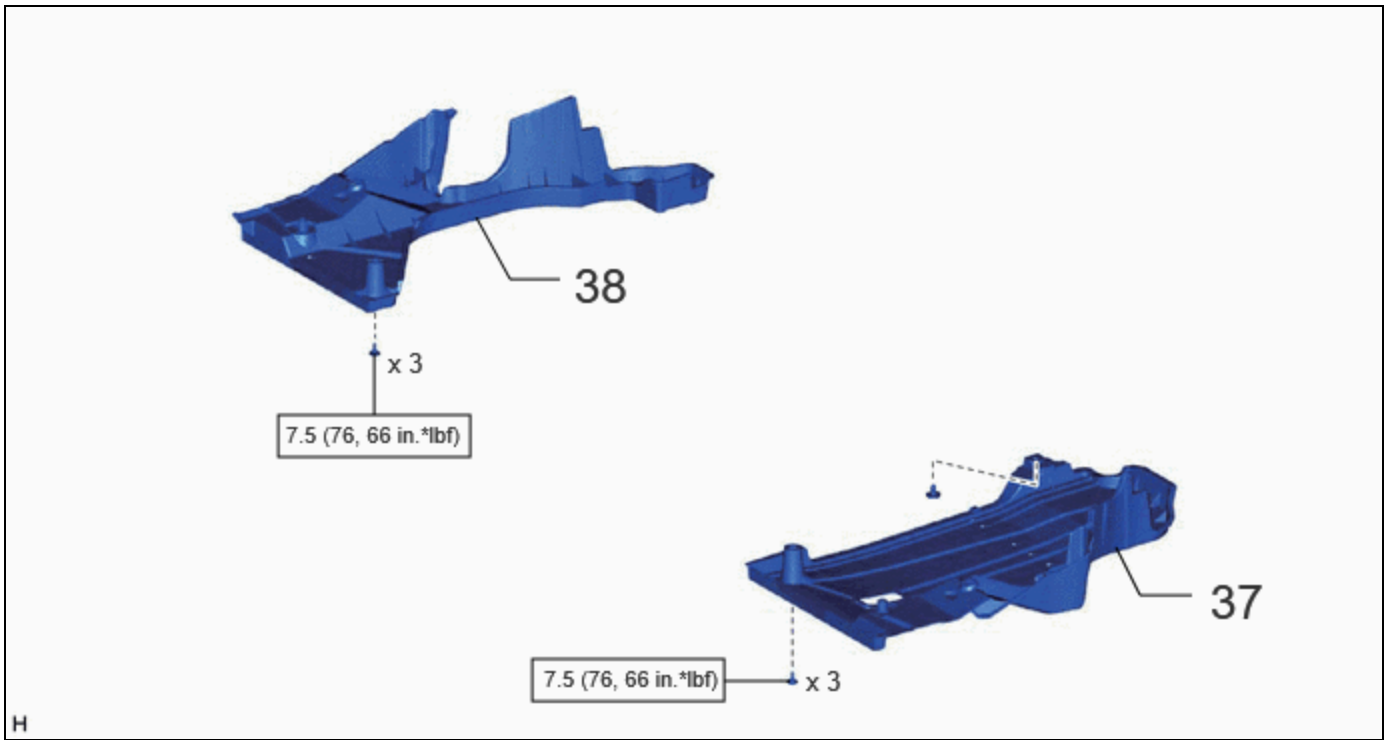
	PROCEDURE	PART NAME CODE			
33	TAIL EXHAUST PIPE ASSEMBLY	17430	-	-	-
34	REAR WHEEL	-	-	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	<ul style="list-style-type: none"> • Non-reusable part
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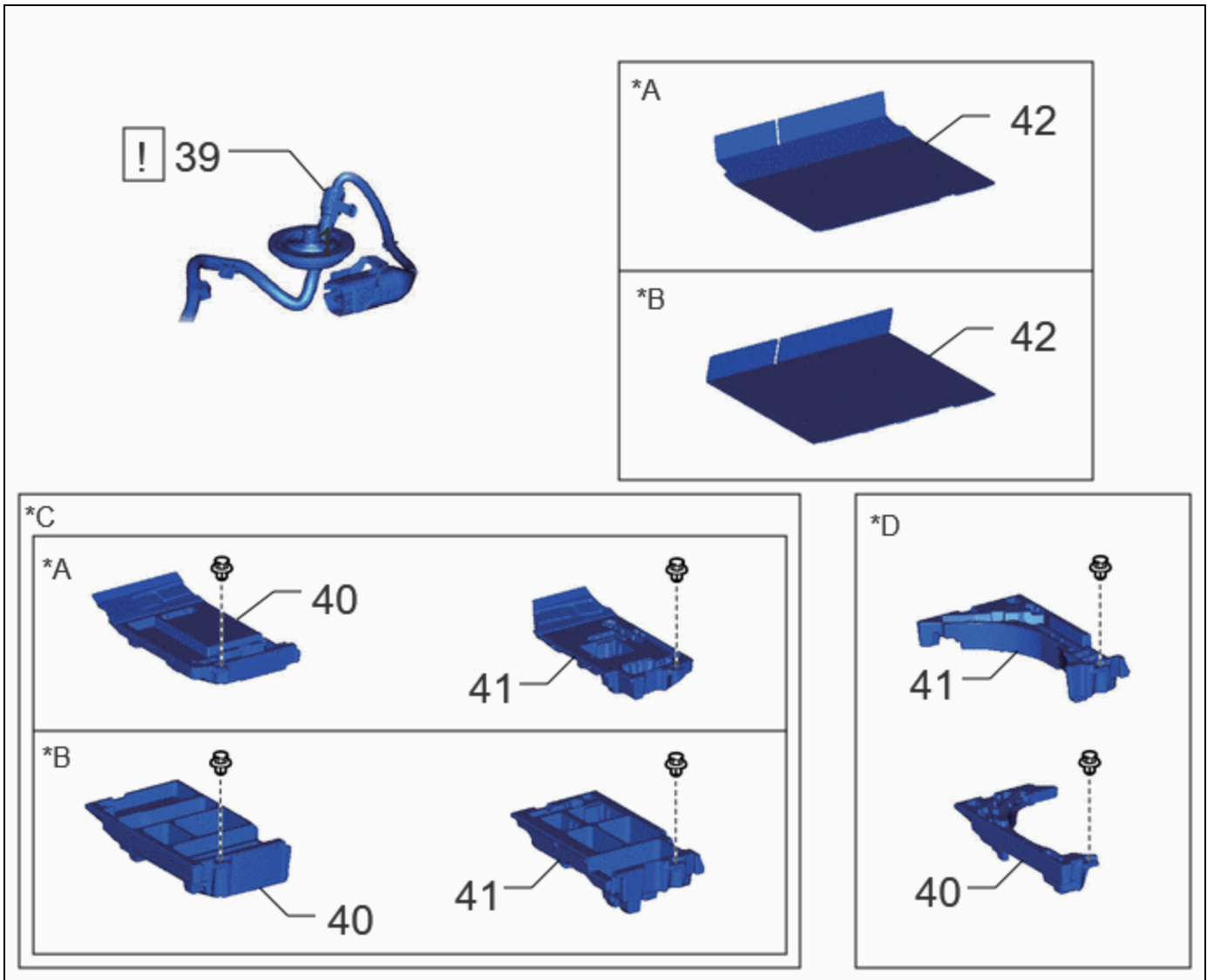
PROCEDURE		PART NAME CODE			
35	REAR SUSPENSION TOE ADJUST CAM SUB-ASSEMBLY (for LH Side)	48409	INFO	-	-
36	REAR SUSPENSION TOE ADJUST CAM SUB-ASSEMBLY (for RH Side)	48409	-	-	-

*1	NO. 2 CAMBER ADJUST CAM	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)	-	-



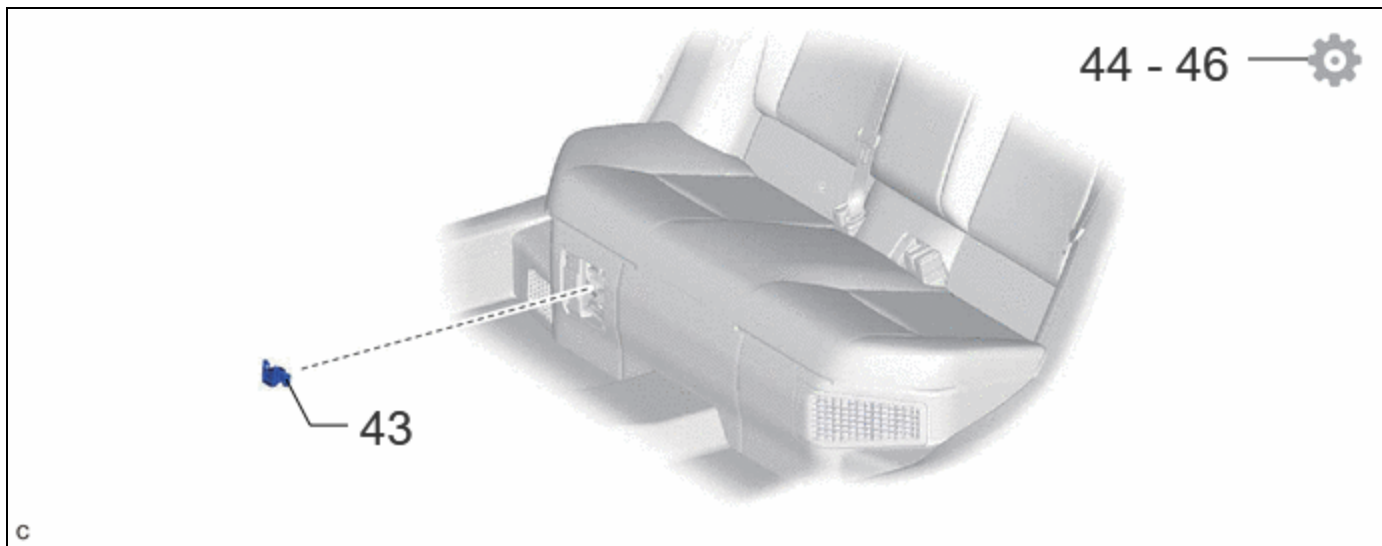
PROCEDURE		PART NAME CODE			
37	REAR FLOOR SIDE MEMBER COVER LH	57628E	-	-	-
38	REAR FLOOR SIDE MEMBER COVER RH	57627G	-	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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PROCEDURE		PART NAME CODE			
39	REAR TRACTION MOTOR CABLE	G1149	INFO	-	-
40	DECK FLOOR BOX LH	64997	-	-	-
41	DECK FLOOR BOX RH	64995	-	-	-
42	DECK BOARD ASSEMBLY	58410B	-	-	-

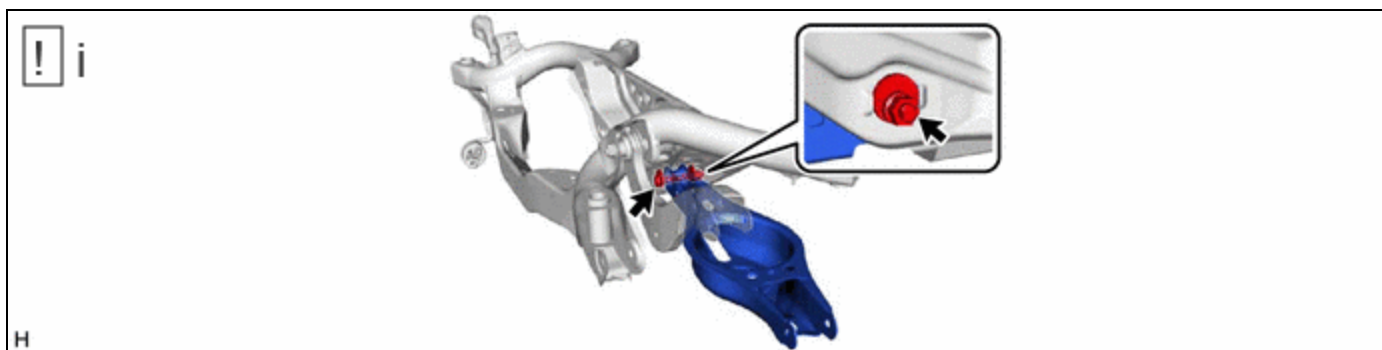
*A	for Type A	*B	for Type B
*C	w/o Spare Tire	*D	w/ Spare Tire



PROCEDURE		PART NAME CODE	!	📄	⚙️
43	SERVICE PLUG GRIP	G3834	-	-	-
44	INSPECT FOR EXHAUST GAS LEAK	-	-	-	INFO
45	INSPECT AND ADJUST REAR WHEEL ALIGNMENT	-	-	-	INFO
46	PERFORM INITIALIZATION	-	-	-	INFO

PROCEDURE

1. TEMPORARILY INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY



- (1) Temporarily install the rear No. 2 suspension arm assembly to the rear suspension member sub-assembly with the No. 2 camber adjust cam, rear suspension toe adjust cam sub-assembly and nut.

NOTICE:

- Insert the rear suspension toe adjust cam sub-assembly from the front of the vehicle.
- When tightening the nut, keep the rear suspension toe adjust cam sub-assembly from rotating.

2. INSTALL REAR TRACTION MOTOR WITH TRANSAXLE ASSEMBLY



Click here [INFO](#)

3. CONNECT REAR TRACTION MOTOR CABLE

4. INSTALL NO. 6 FLOOR WIRE

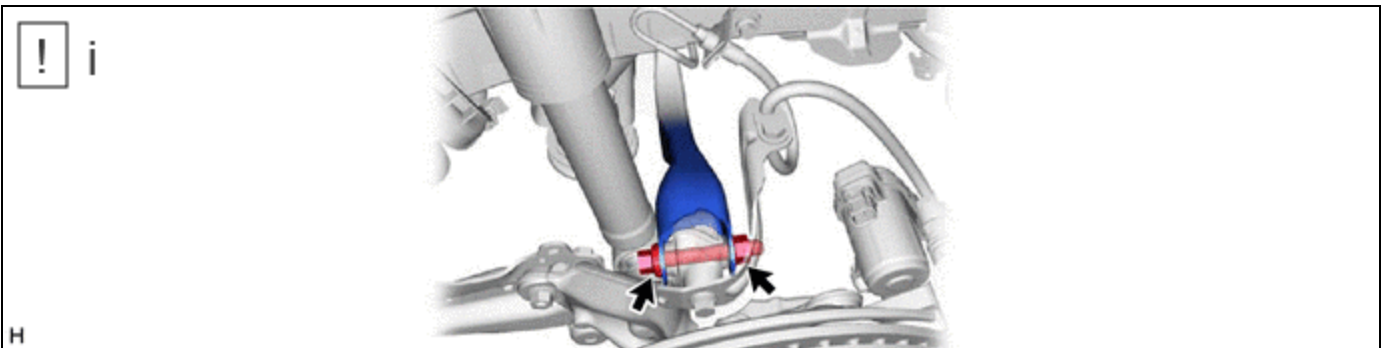
5. INSTALL REAR SUSPENSION MEMBER SUB-ASSEMBLY



Click here [INFO](#)

6. INSTALL FRAME WIRE

7. TEMPORARILY INSTALL REAR UPPER CONTROL ARM ASSEMBLY LH



(1) Temporarily install the rear upper control arm assembly LH to the rear axle carrier sub-assembly LH with the bolt and nut.

NOTICE:

- Insert the bolt with the threaded end facing the rear of the vehicle.
- Because the nut has its own stopper, do not turn the nut. Tighten the bolt with the nut secured.

8. TEMPORARILY INSTALL REAR UPPER CONTROL ARM ASSEMBLY RH

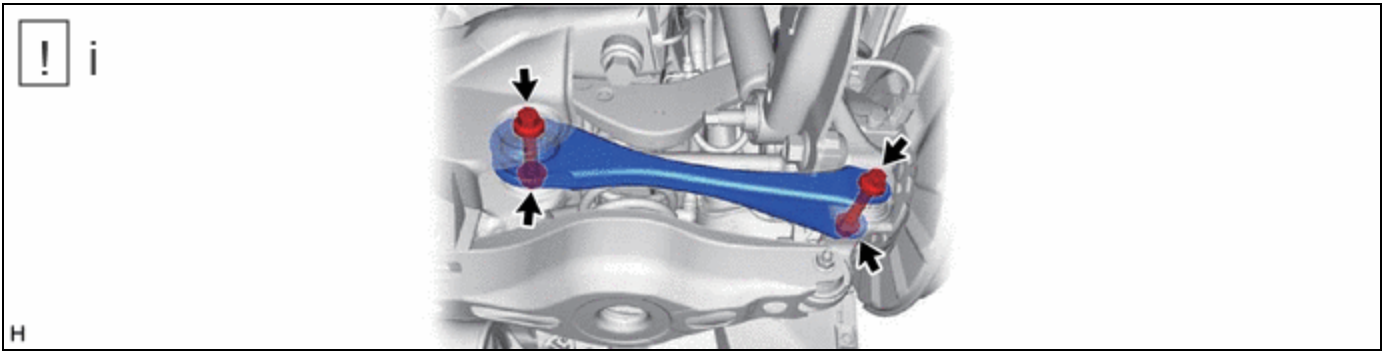
9. INSTALL REAR DRIVE SHAFT ASSEMBLY LH



Click here [INFO](#)

10. INSTALL REAR DRIVE SHAFT ASSEMBLY RH

11. TEMPORARILY INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY LH



(1) Temporarily install the rear No. 1 suspension arm assembly LH to the rear axle carrier sub-assembly and rear suspension member sub-assembly with the 2 bolts and 2 nuts.

NOTICE:


- Because the nut has its own stopper, do not turn the nut. Tighten the bolt with the nut secured.
- Insert the bolt with the threaded end facing the rear of the vehicle.

12. TEMPORARILY INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY RH

13. INSTALL REAR LOWER COIL SPRING INSULATOR LH


14. INSTALL REAR LOWER COIL SPRING INSULATOR RH

15. INSTALL REAR COIL SPRING LH


	Click here INFO
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16. INSTALL REAR COIL SPRING RH

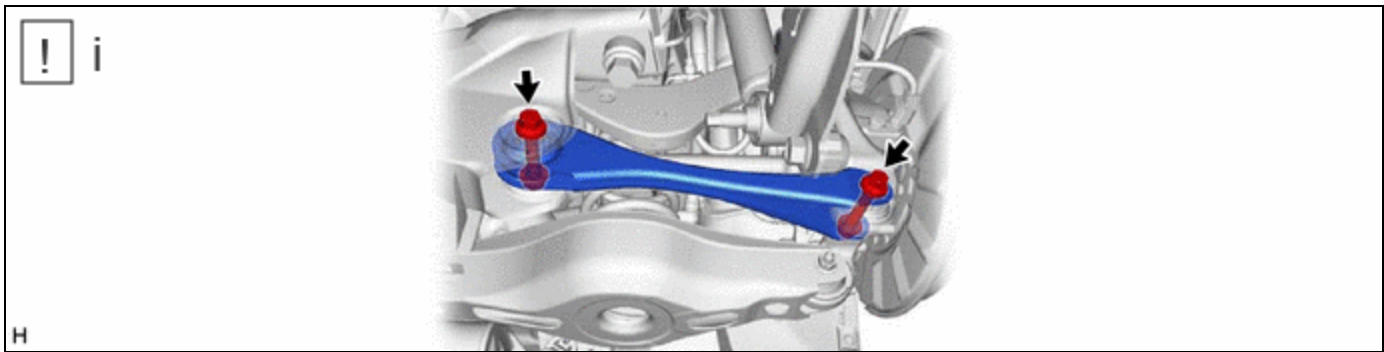
17. INSTALL REAR STABILIZER BAR

	Click here INFO
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18. STABILIZE SUSPENSION

	Click here INFO
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19. INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY LH



(1) Install the rear No. 1 suspension arm assembly LH with the 2 bolts.

Torque:

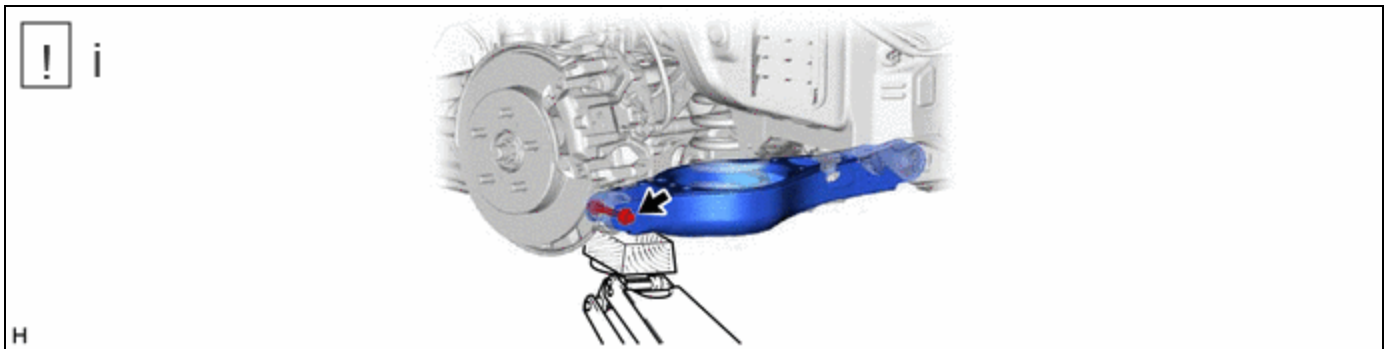
73 N·m {744 kgf·cm, 54 ft·lbf}

NOTICE:

Because the nut has its own stopper, do not turn the nut. Tighten the bolt with the nut secured.

20. INSTALL REAR NO. 1 SUSPENSION ARM ASSEMBLY RH

21. INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY LH



(1) Install the rear No. 2 suspension arm assembly LH (rear axle carrier sub-assembly side) with the bolt.

Torque:

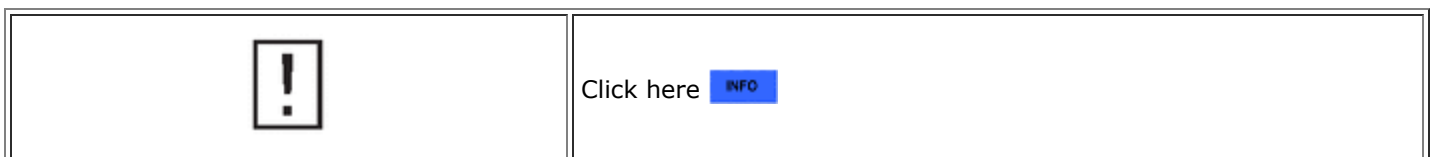
73 N·m {744 kgf·cm, 54 ft·lbf}

NOTICE:

Because the nut has its own stopper, do not turn the nut. Tighten the bolt with the nut secured.

22. INSTALL REAR NO. 2 SUSPENSION ARM ASSEMBLY RH

23. INSTALL REAR UPPER CONTROL ARM ASSEMBLY LH




24. INSTALL REAR UPPER CONTROL ARM ASSEMBLY RH

25. INSTALL REAR FLEXIBLE HOSE LH

Click here [INFO](#)


26. INSTALL REAR FLEXIBLE HOSE RH

27. INSTALL REAR STABILIZER LINK ASSEMBLY LH

	<p>Click here INFO</p>
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28. INSTALL REAR STABILIZER LINK ASSEMBLY RH

29. INSTALL REAR AXLE SHAFT NUT (for LH Side)

	<p>Click here INFO</p>
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30. INSTALL REAR AXLE SHAFT NUT (for RH Side)

31. INSTALL REAR SKID CONTROL SENSOR LH

	<p>Click here INFO</p>
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32. INSTALL REAR SKID CONTROL SENSOR RH

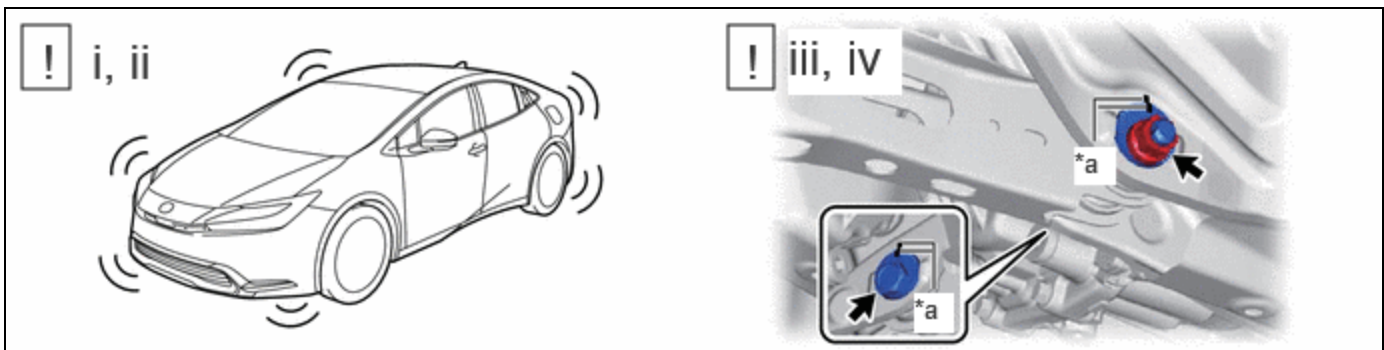
33. INSTALL TAIL EXHAUST PIPE ASSEMBLY

Click here [INFO](#)

34. INSTALL REAR WHEEL

Click here [INFO](#)

35. INSTALL REAR SUSPENSION TOE ADJUST CAM SUB-ASSEMBLY (for LH Side)



*a	Matchmark	-	-
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- (1) Lower the vehicle to the ground.
- (2) Bounce the vehicle up and down at the corners to stabilize the rear suspension.
- (3) Align the matchmarks on the No. 2 camber adjust cam, rear suspension toe adjust cam sub-assembly and rear suspension member sub-assembly.
- (4) Fully tighten the nut.

Torque:

100 N·m {1020 kgf·cm, 74 ft·lbf}

NOTICE:

- Hold the rear suspension toe adjust cam sub-assembly while rotating the nut.
- Make sure that the vehicle is unloaded when fully tightening the nut.

36. INSTALL REAR SUSPENSION TOE ADJUST CAM SUB-ASSEMBLY (for RH Side)


37. INSTALL REAR FLOOR SIDE MEMBER COVER LH

Click here [INFO](#)

38. INSTALL REAR FLOOR SIDE MEMBER COVER RH

Click here [INFO](#)

39. CONNECT REAR TRACTION MOTOR CABLE

	Click here INFO
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40. INSTALL DECK FLOOR BOX LH

41. INSTALL DECK FLOOR BOX RH

42. INSTALL DECK BOARD ASSEMBLY

43. INSTALL SERVICE PLUG GRIP

Click here [INFO](#)

44. INSPECT FOR EXHAUST GAS LEAK

Click here [INFO](#)

45. INSPECT AND ADJUST REAR WHEEL ALIGNMENT

Click here [INFO](#)

46. PERFORM INITIALIZATION

Parking Assist Monitor System	INFO
Panoramic View Monitor System	INFO
Advanced Park	INFO

