REAR SUSPENSION ARM ASSY NO.1 LH

27067–01

REPLACEMENT

HINT:

COMPONENTS: See page 27–2

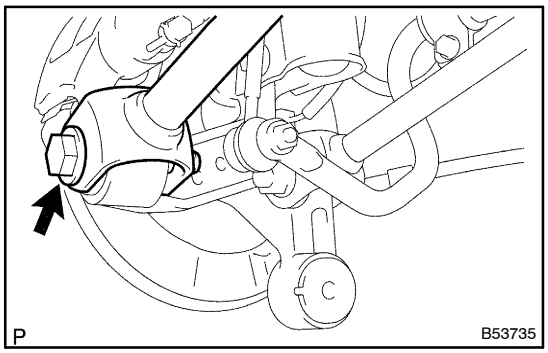
1. REMOVE REAR WHEEL

2. REMOVE EXHAUST PIPE ASSY CENTER

(a) 1AZ–FE engine: See page 15–2
(b) 1MZ–FE engine: See page 15–8
(c) 2AZ–FE engine: See page 15–5

3. REMOVE STABILIZER BAR REAR
(See page 27–18)

4. SEPARATE STRUT ROD ASSY REAR
(See page 27–20)



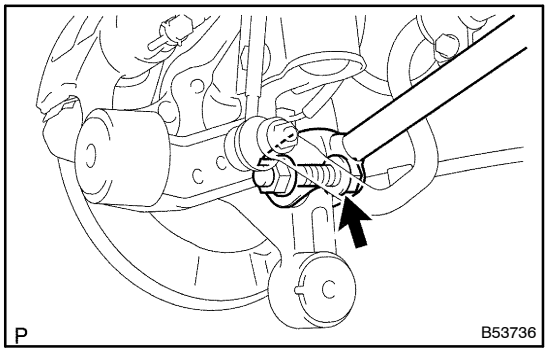
5. SEPARATE REAR SUSPENSION ARM ASSY NO.2 LH

(a) Remove the bolt, nut and rear suspension arm No. 2 (outer side) from the rear carrier.

HINT:
Keep the nut fixed while loosening and removing the bolt.

6. SEPARATE REAR SUSPENSION ARM ASSY NO.2 RH

HINT:
Separate the RH side by the procedures with the LH side.



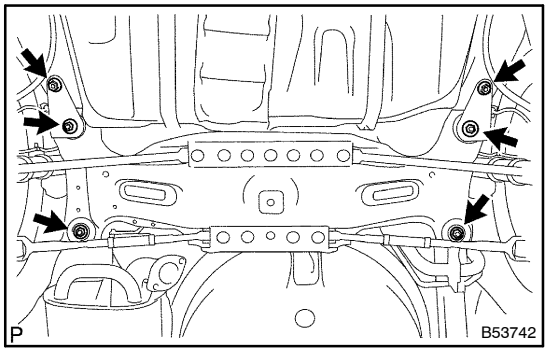
7. SEPARATE REAR SUSPENSION ARM ASSY NO.1 LH

(a) Remove the bolt, nut and rear suspension arm No. 1 (outer side) from rear axle carrier.

HINT:
Keep the nut fixed while loosening and removing the bolt.

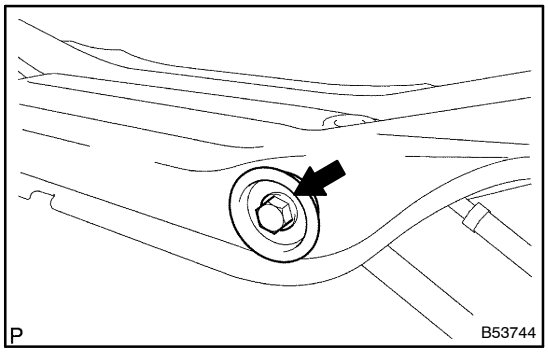
8. SEPARATE REAR SUSPENSION ARM ASSY NO.1 RH

HINT:
Separate the RH side by the procedures with the LH side.



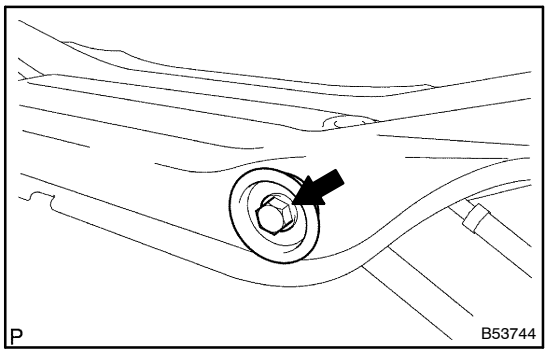
9. REMOVE REAR SUSPENSION MEMBER SUB–ASSY

(a) Support the rear suspension member with a jack.
(b) Remove the 4 nuts, 2 bolts and 2 retainers from the rear suspension member.



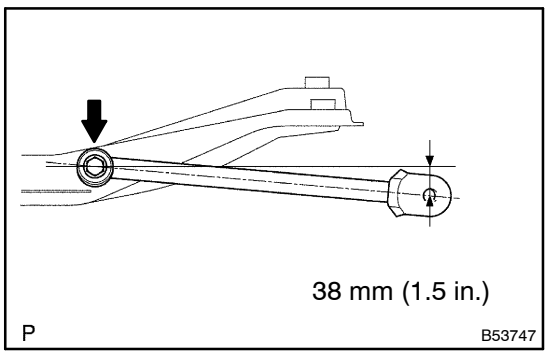
10. REMOVE REAR SUSPENSION ARM ASSY NO.1 LH

(a) Lower the rear suspension member.
(b) Remove the bolt and lower suspension arm No. 1.

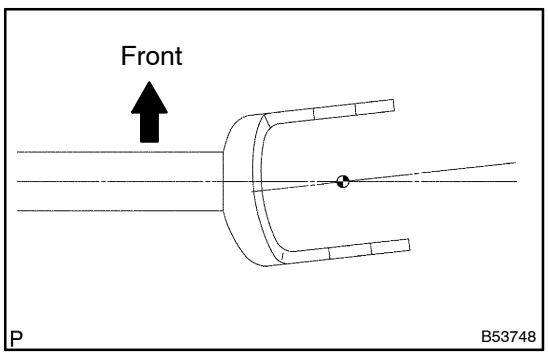


11. INSTALL REAR SUSPENSION ARM ASSY NO.1 LH

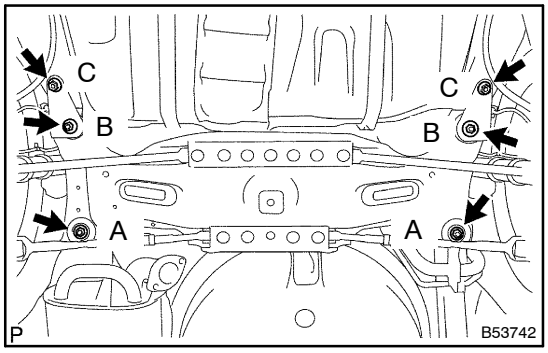
(a) Install the lower suspension No. 1 with the bolt, nut and temporarily tighten the bolt.



(b) Set suspension arm in the position shown in the illustration and fully tighten the bolt.

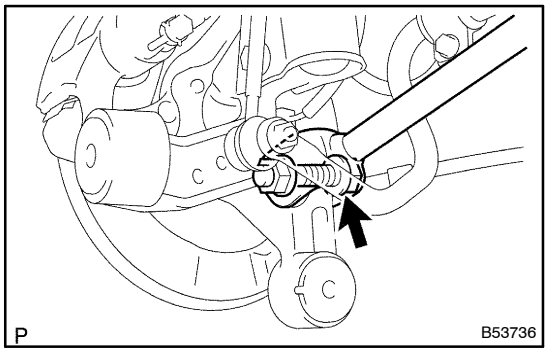


HINT:
Install the lower suspension No. 1 so that the bracket leans toward the front of the vehicle, as shown in the illustration.



12. INSTALL REAR SUSPENSION MEMBER SUB–ASSY

(a) Support the rear suspension member with a jack.
(b) Install the rear suspension member with the 4 nuts, 2 bolts and 4 retainers.
Torque:
A, B: 55 N·m (561 kgf·cm, 41 ft·lbf)
C: 38 N·m (387 kgf·cm, 28 ft·lbf)



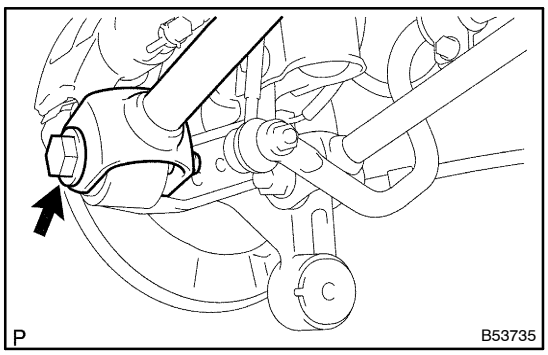
13. TEMPORARY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH

(a) Connect the rear suspension arm No. 1 (outer side) to the rear axle carrier with the bolt and nut, and temporarily tighten the bolt and nut.

HINT:
Insert the bolt from the front side of the vehicle and temporarily install the bolt.

14. TEMPORARY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 RH

HINT:
Temporarily tighten the RH side by the procedures with the LH side.



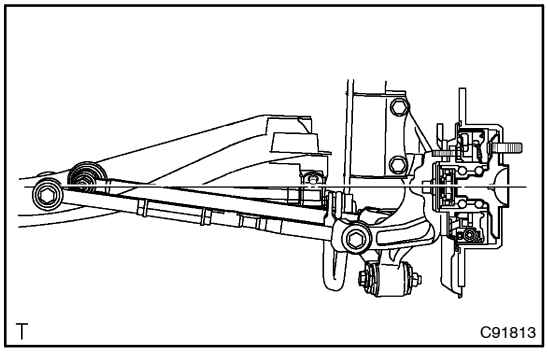
15. TEMPORARY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

HINT:
Insert the bolt from the rear side of the vehicle and temporarily install the bolt.

16. TEMPORARY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 RH

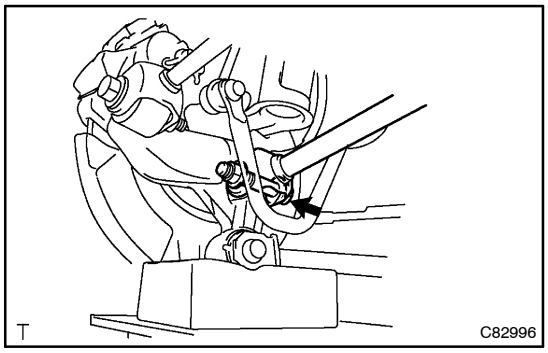
HINT:
Temporarily tighten the RH side by the procedures with the LH side.

17. TEMPORARY TIGHTEN STRUT ROD ASSY REAR
(See page 27–20)



18. STABILIZE SUSPENSION

(a) Jack up the rear axle carrier, placing a wood block between them. Apply load to the suspension so that the installed bolt of the suspension arm assy No. 1 (vehicle side) is horizontally aligned with the center of the rear axle hub.



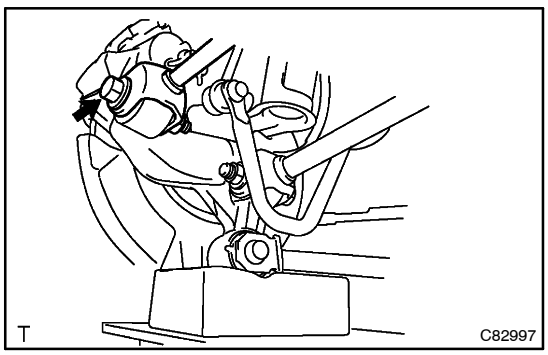
19. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 LH

(a) Fully tighten the bolt.

HINT:
While fixing the nut, turn the bolt.

20. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.1 RH

HINT:
Fully tighten the RH side by the procedures with the LH side.



21. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 LH

(a) Fully tighten the bolt.
Torque: 100 N·m (1,020 kgf·cm, 74 ft·lbf)

HINT:
While fixing the nut, turn the bolt.

22. FULLY TIGHTEN REAR SUSPENSION ARM ASSY NO.2 RH

HINT:
Fully tighten the RH side by the procedures with the LH side.

23. FULLY TIGHTEN STRUT ROD ASSY REAR
(See page 27–20)

24. INSTALL STABILIZER BAR REAR
(See page 27–18)

25. INSTALL EXHAUST PIPE ASSY CENTER

(a) 1AZ–FE engine: See page 15–2
(b) 1MZ–FE engine: See page 15–8
(c) 2AZ–FE engine: See page 15–5

26. INSTALL REAR WHEEL
Torque: 103 N·m (1,050 kgf·cm, 76 ft·lbf)

27. INSPECT REAR WHEEL ALIGNMENT(See page 27–3)