SERVICE TRAINING AND PUBLICATION BULLETIN

No.: OB- 9587
010
Date : 2019/8/28

TRAINING	
PUBLICATION	■
INFORMATION	
ADVANCE ORDER	
OTHERS	

APPLICABLE COUNTRIES:

	ALL COUNTRIES		N. AMERICA	■	GENERAL COUNTRIES, EUROPE
	Other				

To: Service Manager

CORRECTION TO
- [x] REPAIR MANUAL
- [ ] ELECTRICAL WIRING DIAGRAM
- [ ] NEW CAR FEATURES
- [ ] BODY REPAIR MANUAL
- [ ] SERVICE DATA SHEET

The following manual has revised service information:

Pub. No.: **RM24N1E** Pub. Name: **LAND CRUISER150 / PRADO Repair Manual**

Section	Title	Paragraph
FRONT SUSPENSION	FRONT SHOCK ABSORBER	COMPONENTS (2013/08-)
		REMOVAL (2013/08-)
		INSTALLATION (2013/08-)

The revised pages listed above are attached.
(The corrected parts are indicated by arrows.)

Please attach the accompanying revised pages to the applicable pages in the manual above.

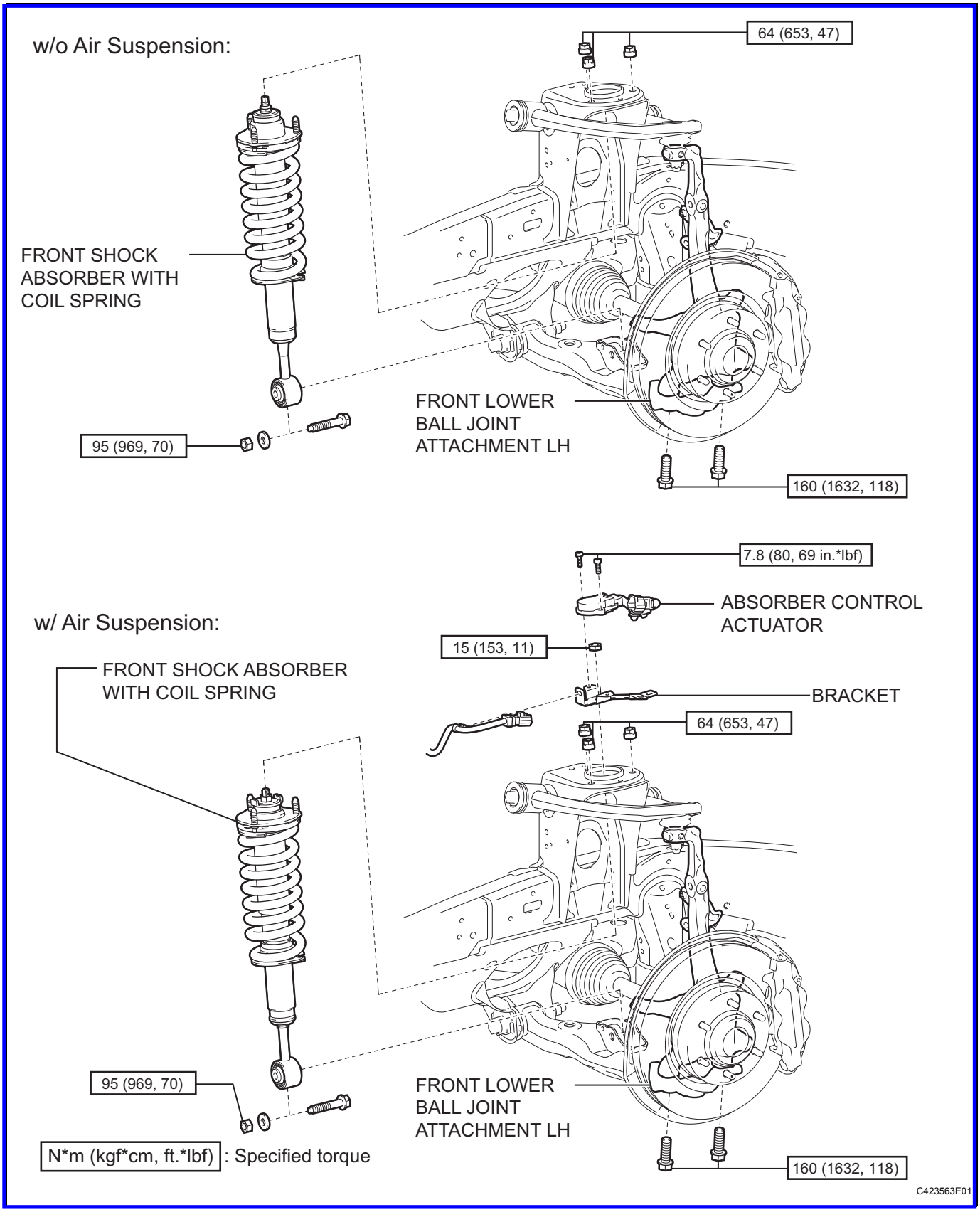
This Bulletin does not cause the Flat Rate Manual to be changed.

This bulletin is also available on the OASIS Global Service Information Center.
Inquiries : BM_correction_information@mta.mx.toyota.co.jp

KEEP IN BINDER TOGETHER WITH SERVICE PUBLICATIONS GUIDE

TOYOTA
QUALITY SERVICE

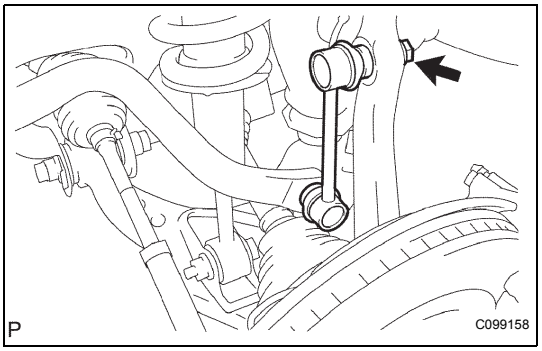
TOYOTA MOTOR CORPORATION
SERVICE ENGINEERING DEPARTMENT
TECHNICAL SERVICE DIVISION
CUSTOMER FIRST PROMOTION GROUP


w/o Air Suspension:
64 (653, 47)
FRONT SHOCK ABSORBER WITH COIL SPRING
FRONT LOWER BALL JOINT ATTACHMENT LH
95 (969, 70)
160 (1632, 118)
w/ Air Suspension:
7.8 (80, 69 in.*lbf)
ABSORBER CONTROL ACTUATOR
15 (153, 11)
BRACKET
64 (653, 47)
FRONT SHOCK ABSORBER WITH COIL SPRING
95 (969, 70)
FRONT LOWER BALL JOINT ATTACHMENT LH
160 (1632, 118)
N*m (kgf*cm, ft.*lbf) : Specified torque
C423563E01

[Corrected]

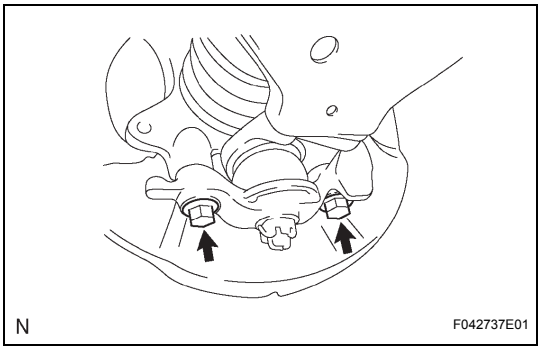
- The procedure listed below is for the LH side.

1. **REMOVE FRONT WHEEL**
2. **REMOVE LOWER FRONT BUMPER COVER (See page)**
3. **REMOVE NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY (See page)**
4. **REMOVE FRONT SUSPENSION MEMBER BRACE SUB-ASSEMBLY (See page)**
5. **REMOVE FRONT STABILIZER END BRACKET (w/ KDSS) (See page)**
6. **REMOVE FRONT STABILIZER BAR (w/ KDSS) (See page)**

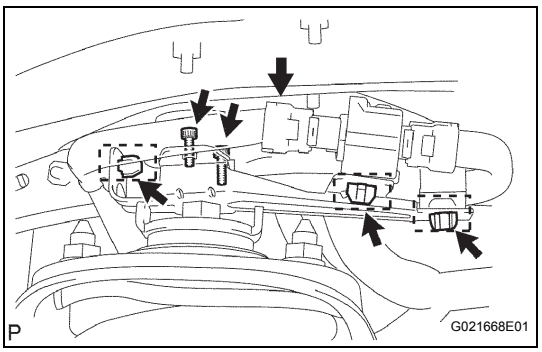


7. **DISCONNECT FRONT STABILIZER LINK ASSEMBLY LH (w/o KDSS)**
   (a) Remove the nut and disconnect the stabilizer link from the steering knuckle.
   HINT:
   If the ball joint turns together with the nut, use a 6 mm hexagon wrench to hold the stud.
8. **DISCONNECT FRONT STABILIZER LINK ASSEMBLY RH (w/o KDSS)**
   HINT:
   Use the same procedure described for the LH side.
9. **REMOVE FRONT NO. 1 STABILIZER BRACKET LH (w/o KDSS) (See page)**
10. **REMOVE FRONT NO. 1 STABILIZER BRACKET RH (w/o KDSS) (See page)**
11. **REMOVE FRONT STABILIZER BAR (w/o KDSS)**

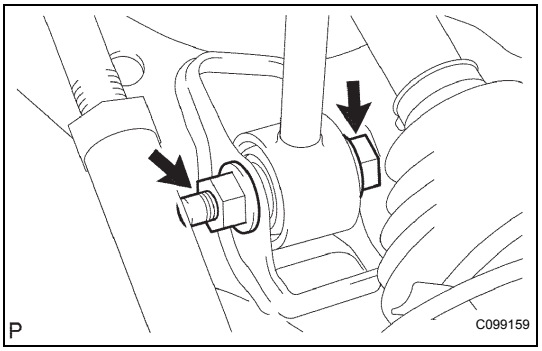
[Added]



12. **DISCONNECT FRONT LOWER BALL JOINT ATTACHMENT LH**
    (a) Remove the 2 bolts and disconnect the front lower ball joint attachment from the axle.



13. **REMOVE FRONT SHOCK ABSORBER WITH COIL SPRING (w/ Air Suspension)**
    (a) Detach the 3 clamps and disconnect the connector.
    (b) Using a 4 mm hexagon wrench, remove the 2 bolts and absorber control actuator.



(c) Temporarily install the bolt, washer and nut as shown in the illustration.

3. **CONNECT FRONT LOWER BALL JOINT ATTACHMENT LH**
   (a) Connect the front lower ball joint attachment with the 2 bolts.
   Torque: 160 N*m (1632 kgf*cm, 118 ft.*lbf)

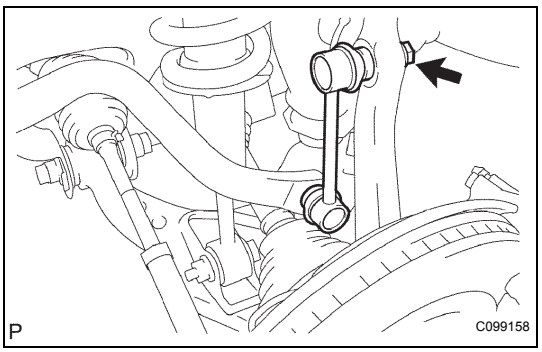
4. **INSTALL FRONT STABILIZER BAR (w/ KDSS) (See page)** [Added]

5. **INSTALL FRONT STABILIZER END BRACKET (w/ KDSS) (See page)**

6. **INSTALL FRONT STABILIZER BAR (w/o KDSS)**

7. **INSTALL FRONT NO. 1 STABILIZER BRACKET LH (w/o KDSS) (See page)**

8. **INSTALL FRONT NO. 1 STABILIZER BRACKET RH (w/o KDSS) (See page)**



9. **CONNECT FRONT STABILIZER LINK ASSEMBLY LH (w/o KDSS)**
   (a) Connect the stabilizer link to the steering knuckle with the nut.
   Torque: 70 N*m (710 kgf*cm, 52 ft.*lbf)
   HINT:
   If the ball joint turns together with the nut, use a 6 mm hexagon wrench to hold the stud.

10. **CONNECT FRONT STABILIZER LINK ASSEMBLY RH (w/o KDSS)**
    HINT:
    Use the same procedure described for the LH side.

11. **INSTALL FRONT SUSPENSION MEMBER BRACE SUB-ASSEMBLY (See page)**

12. **INSTALL NO. 1 ENGINE UNDER COVER SUB-ASSEMBLY (See page)**

13. **INSTALL LOWER FRONT BUMPER COVER (See page)**

14. **INSTALL FRONT WHEEL**
    Torque: 112 N*m (1142 kgf*cm, 83 ft.*lbf)

15. **STABILIZE SUSPENSION**
    (a) Lower the vehicle.
    (b) Bounce the vehicle up and down several times to stabilize the suspension.