

LandCruiser 200

Corrections to Repair Manual RM22W1E

Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

Section	Title	Paragraph
TRTANSFER/4WD/AWD	4WD CONTROL ECU	COMPONENTS
		REMOVAL (201301 - 201308)
		REMOVAL (201308 -)
		INSTALLATION (201301 - 201308)
		INSTALLATION (201308 -)

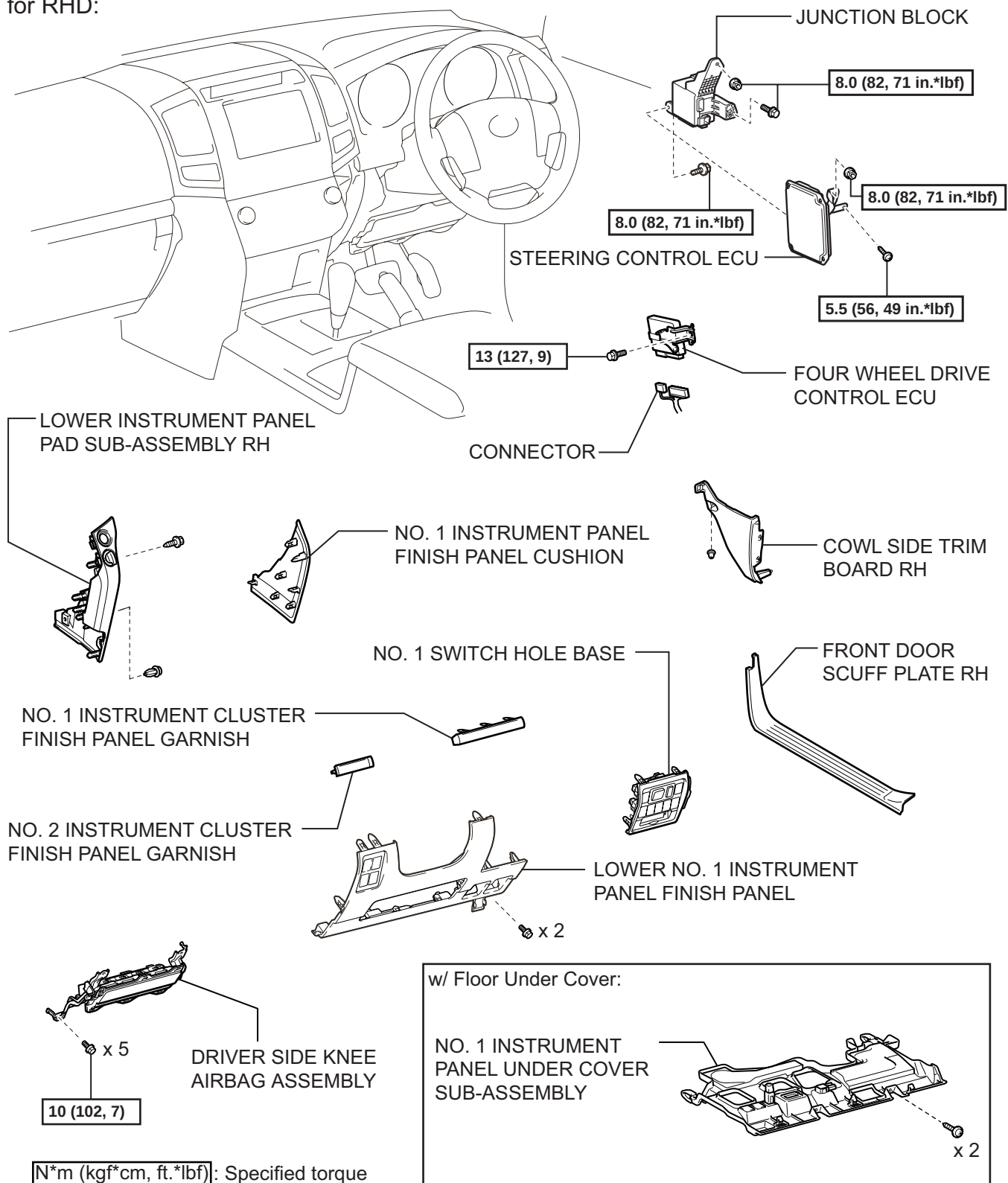
The revised pages listed above are attached.
(The corrected parts are indicated by arrows.)

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

[All corrected]

JF2A TRANSFER / 4WD / AWD – 4WD CONTROL ECU

for RHD:



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C308474E01

REMOVAL

(2013/01-2013/08)

1. PRECAUTION

NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) battery terminal notice before proceeding with work (See page 00-00).

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected (See page 00-00).

3. REMOVE FRONT DOOR SCUFF PLATE RH (See page)

4. REMOVE NO. 1 INSTRUMENT PANEL FINISH PANEL CUSHION (See page)

5. REMOVE LOWER INSTRUMENT PANEL PAD SUB-ASSEMBLY RH (See page)

6. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for LHD) w/ Floor Under Cover: (See page 00-00)

7. REMOVE FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (for LHD) (See page)

8. REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)

9. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)

10. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for RHD) w/ Floor Under Cover: (See page 00-00)

11. REMOVE LOWER NO. 1 INSTRUMENT PANEL FINISH PANEL (for RHD) (See page)

[Added]



12. REMOVE NO. 1 SWITCH HOLE BASE (for RHD) (See page [See*1](#))

13. REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY (for RHD) (See page)

14. REMOVE COWL SIDE TRIM BOARD RH (See page)

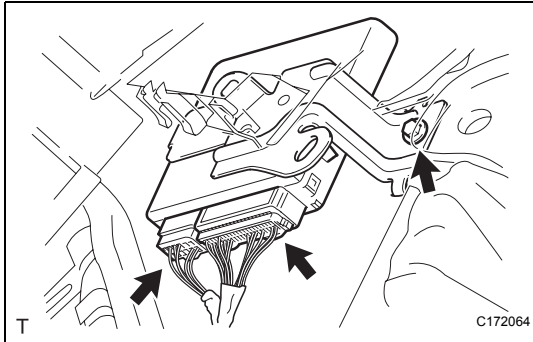
15. REMOVE NO. 3 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for LHD) (See page)

16. REMOVE INSTRUMENT PANEL BOX DOOR KNOB (for LHD) (See page)

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[Added]



17. REMOVE LOWER NO. 2 INSTRUMENT PANEL FINISH PANEL (for LHD) (See page)
18. REMOVE STEERING CONTROL WITH JUNCTION BLOCK (for RHD) (See page [See*2](#))
19. REMOVE STEERING CONTROL ECU (for RHD) (See page [See*3](#))
20. REMOVE FOUR WHEEL DRIVE CONTROL ECU
 - (a) Disconnect the 2 ECU connectors.
 - (b) Remove the bolt and ECU.

REMOVAL

(2013/08-)

1. PRECAUTION

NOTICE:

After turning the ignition switch off, waiting time may be required before disconnecting the cable from the negative (-) battery terminal. Therefore, make sure to read the disconnecting the cable from the negative (-) battery terminal notice before proceeding with work (See page 00-00).

2. DISCONNECT CABLE FROM NEGATIVE BATTERY TERMINAL

NOTICE:

When disconnecting the cable, some systems need to be initialized after the cable is reconnected (See page 00-00).

3. REMOVE FRONT DOOR SCUFF PLATE RH (See page)
4. REMOVE NO. 1 INSTRUMENT PANEL FINISH PANEL CUSHION (See page)
5. REMOVE LOWER INSTRUMENT PANEL PAD SUB-ASSEMBLY RH (See page)
6. REMOVE NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for LHD)
w/ Floor Under Cover: (See page 00-00)
7. REMOVE FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (for LHD) (See page)
8. REMOVE NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)
9. REMOVE NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)
10. REMOVE NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for RHD)
w/ Floor Under Cover: (See page 00-00)
11. REMOVE LOWER NO. 1 INSTRUMENT PANEL FINISH PANEL (for RHD) (See page)

[Added]

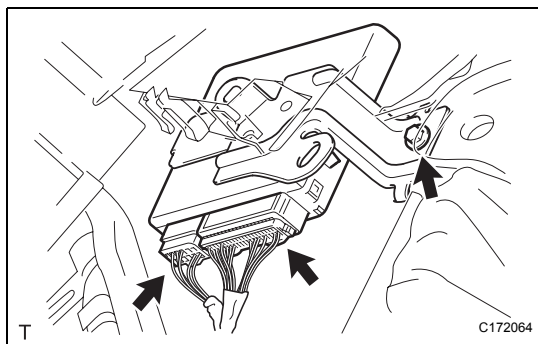
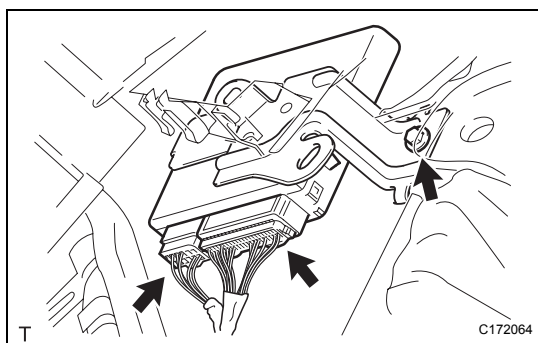


12. REMOVE NO. 1 SWITCH HOLE BASE (for RHD) (See page [See*4](#))

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13. REMOVE DRIVER SIDE KNEE AIRBAG ASSEMBLY (for RHD) (See page)
14. REMOVE COWL SIDE TRIM BOARD RH (See page)
15. REMOVE NO. 3 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for LHD) (See page)
16. REMOVE INSTRUMENT PANEL BOX DOOR KNOB (for LHD) (See page)
17. REMOVE LOWER NO. 2 INSTRUMENT PANEL FINISH PANEL (for LHD) (See page)
18. REMOVE STEERING CONTROL WITH JUNCTION BLOCK (for RHD) (See page [See*5](#))
19. REMOVE STEERING CONTROL ECU (for RHD) (See page [See*6](#))
20. REMOVE FOUR WHEEL DRIVE CONTROL ECU
 - (a) Disconnect the 2 ECU connectors.
 - (b) Remove the bolt and ECU.

[Added]



[Added]



INSTALLATION

(2013/01-2013/08)

1. INSTALL FOUR WHEEL DRIVE CONTROL ECU
 - (a) Install the ECU with the bolt.
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)
 - (b) Connect the 2 ECU connectors.
2. INSTALL STEERING CONTROL ECU (for RHD) (See page [See*7](#))
3. INSTALL STEERING CONTROL WITH JUNCTION BLOCK (for RHD) (See page [See*8](#))
4. INSTALL LOWER NO. 2 INSTRUMENT PANEL FINISH PANEL (for LHD) (See page)
5. INSTALL INSTRUMENT PANEL BOX DOOR KNOB (for LHD) (See page)
6. INSTALL NO. 3 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for LHD) (See page)
7. INSTALL COWL SIDE TRIM BOARD RH (See page)
8. INSTALL DRIVER SIDE KNEE AIRBAG ASSEMBLY (for RHD) (See page)
9. INSTALL NO. 1 SWITCH HOLE BASE (for RHD) (See page [See*9](#))
10. INSTALL LOWER NO. 1 INSTRUMENT PANEL FINISH PANEL (for RHD) (See page)

[Added]



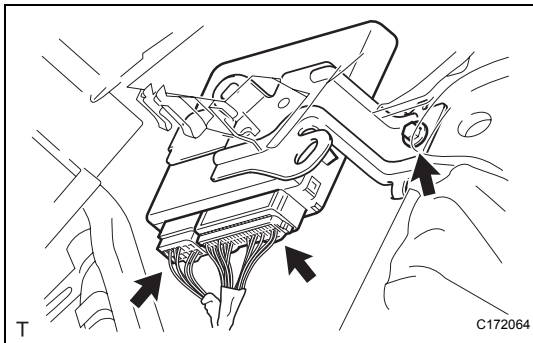
JF2A TRANSFER / 4WD / AWD – 4WD CONTROL ECU

11. **INSTALL NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for RHD)**
w/ Floor Under Cover: (See page 00-00)
12. **INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)**
13. **INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)**
14. **INSTALL FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (for LHD) (See page)**
15. **INSTALL NO. 2 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for LHD)**
w/ Floor Under Cover: (See page 00-00)
16. **INSTALL LOWER INSTRUMENT PANEL PAD SUB-ASSEMBLY RH (See page)**
17. **INSTALL NO. 1 INSTRUMENT PANEL FINISH PANEL CUSHION (See page)**
18. **INSTALL FRONT DOOR SCUFF PLATE RH (See page)**
19. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
NOTICE:
When disconnecting the cable, some systems need to be initialized after the cable is reconnected (See page 00-00).
20. **CHECK SRS WARNING LIGHT**
(See page 00-00)

INSTALLATION

(2013/08-)

1. **INSTALL FOUR WHEEL DRIVE CONTROL ECU**
 - (a) Install the ECU with the bolt.
Torque: 13 N*m (127 kgf*cm, 9 ft.*lbf)
 - (b) Connect the 2 ECU connectors.
2. **INSTALL STEERING CONTROL ECU (for RHD) (See page [See*10](#))**
3. **INSTALL STEERING CONTROL WITH JUNCTION BLOCK (for RHD) (See page [See*11](#))**
4. **INSTALL LOWER NO. 2 INSTRUMENT PANEL FINISH PANEL (for LHD) (See page)**
5. **INSTALL INSTRUMENT PANEL BOX DOOR KNOB (for LHD) (See page)**
6. **INSTALL NO. 3 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for LHD) (See page)**
7. **INSTALL COWL SIDE TRIM BOARD RH (See page)**
8. **INSTALL DRIVER SIDE KNEE AIRBAG ASSEMBLY (for RHD) (See page)**



[Added]



JF2A TRANSFER / 4WD / AWD – 4WD CONTROL ECU

[Added]



9. **INSTALL NO. 1 SWITCH HOLE BASE (for RHD) (See page [See*12](#))**
10. **INSTALL LOWER NO. 1 INSTRUMENT PANEL FINISH PANEL (for RHD) (See page)**
11. **INSTALL NO. 1 INSTRUMENT PANEL UNDER COVER SUB-ASSEMBLY (for RHD)**
w/ Floor Under Cover: (See page ○○-○○)
12. **INSTALL NO. 2 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)**
13. **INSTALL NO. 1 INSTRUMENT CLUSTER FINISH PANEL GARNISH (for RHD) (See page)**
14. **INSTALL FRONT PASSENGER SIDE KNEE AIRBAG ASSEMBLY (for LHD) (See page)**
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w/ Floor Under Cover: (See page ○○-○○)
16. **INSTALL LOWER INSTRUMENT PANEL PAD SUB-ASSEMBLY RH (See page)**
17. **INSTALL NO. 1 INSTRUMENT PANEL FINISH PANEL CUSHION (See page)**
18. **INSTALL FRONT DOOR SCUFF PLATE RH (See page)**
19. **CONNECT CABLE TO NEGATIVE BATTERY TERMINAL**
NOTICE:
When disconnecting the cable, some systems need to be initialized after the cable is reconnected (See page ○○-○○).
20. **CHECK SRS WARNING LIGHT**
(See page ○○-○○)

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See*1: INTERIOR PANELS / TRIM - INSTRUMENT PANEL SAFETY PAD - REMOVAL (2013/01-2013/08)
 See*2: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - REMOVAL (2013/01-2013/08)
 See*3: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - REMOVAL (2013/01-2013/08)
 See*4: INTERIOR PANELS / TRIM - INSTRUMENT PANEL SAFETY PAD - REMOVAL (2013/08-)
 See*5: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - REMOVAL (2013/08-)
 See*6: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - REMOVAL (2013/08-)
 See*7: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - INSTALLATION (2013/01-2013/08)
 See*8: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - INSTALLATION (2013/01-2013/08)
 See*9: INTERIOR PANELS / TRIM - INSTRUMENT PANEL SAFETY PAD - INSTALLATION (2013/01-2013/08)
 See*10: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - INSTALLATION (2013/08-)
 See*11: VARIABLE GEAR RATIO STEERING – STEERING CONTROL ECU (for RHD) - INSTALLATION (2013/08-)
 See*12: INTERIOR PANELS / TRIM - INSTRUMENT PANEL SAFETY PAD - INSTALLATION (2013/08-)