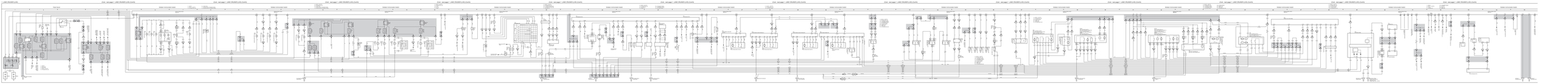

1 2 3 4 9

(Cont. next page)

5 6 7 8 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48

1 LAND CRUISER (LHD) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page) (Cont. next page)

Power Source

Sensor)<1-24>

(Glass Breakage
Option Connector LG

16 3E

Fusible Link Block

F37(A), F38(B), F39(C)
Sensor)<1-24>

(Glass Breakage

Option Connector

13 2EB-W

24 2D

IG1
NO. 2
Relay

20A DEFOG

4

1

2

5

3

2 2G

2A 1 C 1 A 1 B

SB

1 2I

120A
J/B
NO. 2

140A
ALT

B-G

B-G

120A
J/B
NO. 3

120A
J/B
NO. 1

10A ECU-IG1

120A
MAIN

7. 5A AM1

1 2C

39 2E

1

2

5

3

1

2

5

3

40 2E

IF Set Bolt of Cowl Side
J/B LH

7. 5A ACC

57 2Q

B-R

20A P/W (RR)

10A GAUGE1

65 2Q

21

5 6B

6D

2

ACC

IG1

15A DBL LOCK

AM1

3

4

2

19 2Q

2Q

20A P/W (RL)
33

4 6B

3E

3 6D

4 IV1

37 3K

50 3Q

1

2

4

3

1 3E

51 3Q 3I SB

1 3C

SECURITY

7. 5A

20A P/W (FR)

23 2 3K

Battery

7. 5A IDLE UP

52 3Q

3 IV1

BatteryB-G

B-G

I26

SB B
ACC
CUT
Relay

20A P/W (FL)

SB

DEFOG Relay

B-R

B-G

ACC Relay

L

SB

A

LG

A

L

System<8-3>
Fuel Tank Changeover

Engine Control and

L

SB(*5)

L

SB

B

SB

<19-2>

Defogger System

Rear Window

B-R

SB

B-W

L-B

B

B-W

J24

SB(*4)

B-G

B-G

72 3Q

B-R

B

ECU<1-25>

Deterrent

Theft

15 2E 2Q 37

Double Lock
Control Relay
<1-48>

SB

(*1)

(*1)

(*3)

(*2) (*2) (*2) (*2)

(*1)

Siren<1-24>

Theft Deterrent

ECU<1-25>

Theft Deterrent

SW Front RH<1-26>

Power Window Control Power Window Control

<1-30>
Master SW

Power Window

SW Rear RH<1-29>

Power Window Control

SW Rear LH<1-27>

B

SB

* 1 : 2UZ-FE
* 2 : 2UZ-FE A/T
* 3 : 2UZ-FE M/T

25A DOOR

22 10

12

BDR1

ACC SIG

Body ECU

(*4)

* 4 : 2UZ-FE, 1HD-FTE

Ignition SW

Connector

Junction

B

(Diesel)

(*5)

* 5 : w/ Double Door Lock

7A

6 5
7A

B
(*1)

(*1)

(*1)

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

(*6)

RDEF

B12(A), B13(B), B14(C)

SB
SB

B-W

SB(*4)

B-G

27 A

4 2I

G-W

R G-W

R

F26

2

1 1

2

1

2

(*6)

8 Ba1

T14

V18

V19

R34(A), (B)

22 2E

11 Ba1 9 Ba1

G-Y

R33

2

1

R

R

R

R

R

R

W

G-W

W

W

W

W

W-B

3

5

2

1

9 2K 79 2Q

3A

LMRYR-W

W-B

27 2QSB

R R

W-B

R

W-B

22 2K

R

W-B

W-B

W-B

DOME Relay

13

ILE

L-Y

SB

B

1 2G

OFF

DOOR

ON

2

6

(*6) (*6) (*6) (*6)

W-B

(*7)

R

(*7)

3 2L 15 2E

3 A (*6)

2 B (*7)

1 A (*6)

1 B (*7)

3 B (*7)

4 A (*6) W-B

2F25

2

1

BZ1

1 BZ1

W

W

4

G-Y

4 BZ1

3 BZ1

W

Ba1

2 BZ2

5

7

Ba1

BZ2

W R

R G-W

* 7 : w/o Moon Roof w/ Overhead Console

(*6)

(*7)

(*6)

(*7)

* 6 : w/ Moon Roof

(*8) (*8) (*8)

(*8)

(*8)

(*6, *7) (*6, *7)

(*8)

(*6, *7) (*6, *7)

(*8) (*8)

(*7)

8 2L

G-W

R R

(*8)

G-W

(*7)

(*6)

G-W

G-W

B-G

B

R
R

G-Y(*8)
G-Y(*6, *7)

SB
B-G
B-G
B-W
L-Y
W-B

SB

SB(*4)

SB

* 8 : w/o Moon Roof w/o Overhead Console

SB

* 4 : 2UZ-FE, 1HD-FTE

Front Personal Light

Light

Front Interior

Light

Rear Interior

Rear Personal
Light

Cylinder Light

Ignition Key
Vanity Light LH

Vanity Light RH

Body ECU

* 5 : w/ Double Door Lock

(*5)

(*5)

(*1)

(*1)

* 1 : 2UZ-FE

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

G

<16-1>

Taillight System

22 3K 7 3J

80 3Q

R

G-Y

G-R

G-Y

20 ID5

12 IW3 2 BE4

1

2

1

2

25 A 22 B D16 D18

IQ3

12 IC3

1

2

26 A D15

2 BB4

1

2

1 BB4

21 B D17

G-B

R G-R

G-B

G-R

PCYL

8

RCYL DCYL LCYL

R

R

G-W

G-Y

G-W

G-R R

BE4

R

1

R

R

6B

LP

15A TAIL

1A

49

2

1

10A DOME

1 1C

W-B

R-B W-B

R-B

F 6
24

2

1

1B

F 5

Front Right Side of
Fender Apron

62

EAW-B

30A BAT

64 1A

10A ECU-B2
17 3Q

25 3B

71 3Q 3Q 44

B-G

L-O SB

SB

SB

W-B

TAIL Relay

1B

(*8)

G-Y

G-Y

SB

Short Pin
(A)

2

1

51 1A

12 2E

18 2L (*6, *7)

B12(A), B13(B), B14(C)

SB
R
R

G-Y(*8)

SB

L-Y

B-W

B-G

B-G

W-B

SB

SB(*4)

SB

* 6 : w/ Moon Roof
* 7 : w/o Moon Roof w/ Overhead Console
* 8 : w/o Moon Roof w/o Overhead Console

G
SB
B-G
B-W
L-Y
W-B

W-B

SB

SB

SB(*4)

SB

* 4 : 2UZ-FE, 1HD-FTE

Door Courtesy Light Front RH

Door Courtesy Light Rear RH

Door Courtesy Light Front LH

Door Courtesy Light Rear LH

Front Fog Light LH

Front Fog Light RH

Body ECU

* 5 : w/ Double Door Lock

(*5) (*5)

1 EV1 2 EV1 R-B R-B

3 EV1W-B

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

(*9)

W-B

R-Y

G

26 9 12 R-W HEAD LH-LWR 10A

1A

1

2

10A HEAD RH-LWR

1A

LH-UPR

20A HEAD
1A

H 9

1

2
H10

1

2
H 7

R-L

R-B

R-G

B12(A), B13(B), B14(C)

DRL

HEAD
Relay

HEAD HI
Relay

2

FR FOG

15A

1C

G-Y

61 1A 59 1B

16 2A

53 2QFR FOG Relay

W-B

9 2G

7 A

22 1B 10 2B 1B 7 R-Y R-WR-Y

W-B

W-B

W-B

W-B

B-G

24 1A

30 1A 1A

2

W-B

23

1

2

2

1

1A

R-W R-W

8

W-B

RH-UPR

20A HEAD

W-B

H 8

W-B

1

H 6

2

1

H 5

1B

6

1

IG1

5A

R

<36-2>

Rear Fog Light SW

HDCL

Combination
Meter
<50-14><51-15>

G-W G-Y

(*11) (*11)

(Except *11)

D34

W-B

(*9)

(*10)

(*10)

(*10)

(*10)

(*10)

(*9)

G
SB
B-G
B-W
L-Y
W-B

SB(*4)
SB
SB

SB

W-B W-B W-B

R-W

SB
SB

B-W
L-Y

SB

W-B

SB(*4)
SB
SB

* 9 : w/ HID
*10 : w/o HID
*11 : Europe

* 4 : 2UZ-FE, 1HD-FTE

Headlight Control

(Low)

Headlight LH

(Low)

Headlight RH

(High)
Headlight RH

Control ECU RH

Headlight
Headlight LH (High)

ECU LH

(Front Fog No. 2)

Diode

Body ECU

* 5 : w/ Double Door Lock

Control EC

Light

U

High (HID)

Control ECU

Light

High (HID)

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

H

5 II6

13 14

11 7

A HU

Dimmer SW Co Light ntrol S

W

ON

Head

Auto

Low

OFF

Tail

High

Flash

Lig

Fog

OFF

ht

SW

12 8

BFG LFG HL H T EL HF

2 II6

1 C 8C 3C 7C R- G-B G-O

W R-

W

G-B

G-O

R-B

HEAD TAIL A HF

B12(A), B13(B), B14(C)

H

1 II6 3 II6R-B

10

4 II6

3

W-B

5 2E 2B 11

R-W

17

E

HRLY

II Set Bolt of
Cowl Side J/B RH

HU

C

35 3E

2

8 3D

3 II5 A

C

C

J 6

16

C19

W-B W-B

R-Y R-Y

J15

J 6
17 IU1 18 IU1 16 IU1

4 C 6 C 21 C

4 3 6

A66

CLTS CLTB CLTE

CLTS CLTB CLTE

Y

R
BR

Y

R
BR

Y SB

SB

SB

2 Ij1 1 Ij1 3 Ij1

B

J 6

D B

D

IH2

D 7

A

10 3I 3D 9

H

J 7

G-Y

46 2Q

E

B

J27

B

2 IF2 1 IH2

B

SB

SB

SB

R-W

R-W

Rear
SW<35-4>
Headlight Cleaner

Fog L ght SW i

<36-3>

2

1

J27

G-B G-O

G-B

C C

C

SB

SB

SB

G-Y

G-O(*12)

SB

W-B

Rear Fog Light SW
<36-2>

W-B

R-W

20 C

HRR-W

R-W

(*12) (*12)
SB

R-W

SB

B-W
L-Y
W-B

SB(*4)

SB

SB
SB

(*13)

W-B

W-B

W-B

W-B

B-W

SB

W-B

SB

L-Y
W-B
W-B

SB(*4)
SB
SB(*5)

(*14)

*13 : w/o Daytime Running Light
*14 : Automatic A/C

*12 : w/ Daytime Running Light

Combination Meter
<50-15><51-15>

SB A A

SB

C
J29

R-Y

* 4 : 2UZ-FE, 1HD-FTE

R-W

G-B

G-O

R-B

Combination SW

Automatic Light
Control Sensor

Connector

Junction

Junction

Connector
Junction
Connector

Body ECU

Junction
Connector

Junction

Connector

Junction

Connector

Junction
Connector
Junction

Connector

Diode (Front Fog No. 1)

* 5 : w/ Double Door Lock

(*5)

(*14)

(*14)

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

BK Front Side Under the
Front Seat RH

11 20 2Q 2L 2 2D 7 2E

Set Bolt of
Cowl Side J/B LH

IF

T 9

B12(A), B13(B), B14(C)

12 IL3 22 IL3 6 8 IL3

22 2Q

26 2Q

2 2I

82 3Q

4 3B

IL3

6 EA2

2

1

5 IL3

EA Front Right Side of
Fender Apron

20 IL3

+B2 E HORN

34

IND

25 23

REV

29 5

DSWH

3

L-W

W-B

G-O

G-R

B
L-B

E 3

W-B

SB L-B L-B

<7-8>

DLC3

W-B

SB

Horn Relay

<32-4>

SB

SB

SB

SB

SB

L-W

11

W-B

BECU

L-B

76 3Q

27 3E

12 3D

14 B (*17)

21 A (*16)

3 A (*16)

8 B (*17)

G-R

G-R

Transponder Key
Computer<7-4> G-R

W-B

SEC
SECURITY(*17)

GND(*17)

GND1(*16)

M 4(A), (B)

L-W

L-W

11 IL3 10 IL3SB L-R

24

IOUT S+B

2

26

P-B

27

CTLSBR SB

IL3

75 3Q

28 3KBR

SB L-R

P-B

2 1 3

3 4C

7 4E

A

A57(A), A59(C)

2E

33

12 C

19

Z 3

T26

G-R

G-R

W-B

LG

1

3 2

43 2I 2Q 8

(*14)

(*15)

SECURITY Fuse

<1-4>

(*15)

(*14)

18 2E

(*18)

B-W

SB

W-B

SB

L-Y
W-B
W-B

SB(*4)
SB
SB

(*14)

(*14)

W-B

(*15)

SB

W-B

SB

W-B

W-B

(*15)

W-B

B-W
L-Y

SB(*18)
W-B

W-B

L-W(*5)

SB

SB(*4)
SB
SB

W-B

W-B

*14 : Automatic A/C
*15 : Except *14

*17 : w/o Navigation System
*18 : w/o Power Window

* 4 : 2UZ-FE, 1HD-FTE

Engine Hood Courtesy SW

Multi-Display

Theft Deterrent ECU

LP(*16)

GND

10 2EW-B

3 5

11

8

2

4

Z 8

*16 : w/ Navigation System

GBS

3 IL3

Option Connector
(Microphone)

Z 1

21 22 ID5 ID5 14 IU1

1

6 1 W-B Y-G

LG

W

B-W

SB

W

Y-G

F

SECURITY

use<1-4>

ECU-IG1

Fuse<1-2>

A/C Control

Assembly

Option Connector

(Radar Sensor)

Theft Deterrent Siren

(Gla

Option Connector

ss Breakage

Sensor)

Body ECU

(*5)

* 5 : w/ Double Door Lock

(*5) (*5) (Shielded) (Shielded)

A

Connector

Junction

J 6

A

W-B

A

Connector

Junction

J13

A

12 IU1 13 IU1

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)SB

23 3E

7

1

T 2

1

18 3E

14 C

2 10

26 C

1

2

U 1

SH-

W SB

IL3

+B1 IG MPX1 KSW

MPX3 KSWR-B

B

R-B

R-B W-B

J24

SB

SB

1 15 IU1 IL3

3 3P

1 3P

84 3Q

6 3B

14 IL3 15 IL3 9 IL3

74 3Q

25 3E

31 12

LG

B-W

R-B

B

Transponder Key

Computer<7-4>

SB

SB

SB

W

SB

46 3Q

MPX1 PCT1

BDR GND SEL2 DN UP LMT PLS SGND

MPX1 PCT

BDR GND SEL1 DN UP LMT PLS SGND W-B

W-B W-B

W-B

P13

P12

Under the Front Seat LH

BB3

W

W

MPX5

L

12 12

10

9

W-B

L

8 11 8 11

12 BB4 1 4 2 3 5

1 6 3 4 5

P19

MPX4

G

Y

L Y-

L-W

BR-B

10 BB4

L

1 BB3

4 ID5

11 IW3

W-B

7 10

W-B

19 ID5

BR-B

W

Y-B

W-B

W

Y-B

11 A 14 B

BJ

7

L-Y

L-W

G

Y

P18

1 6 3 4 5

1 4 2 3 5

L

W

Y-B

11 BB4

<50-10><51-11>

Combination Meter

R-B

<1-4>

SECURITY Fuse

<1-2>

ECU-IG1 Fuse

B12(A), B13(B), B14(C)

E

E
E

SB

P/W (FR) Fuse

<1-4>

<1-4>

Fuse
P/W (RL)

* 4 : 2UZ-FE, 1HD-FTE

T 9

W-B

L-W
B-W
L-Y

SB(*18)
W-B

W-B

SB

SB

SB(*4)

SB

L-W(*5)

W-B W-B

L-W

L-W(*5)

B-W
L-Y

SB(*18)
W-B

SB(*5)

SB(*5)

SB

SB(*4)

SB

Y-B

Y-B

W-B

* 5 : w/ Double Door Lock

Power Window Control SW
Front RH Power Window Control SW Rear LH

Power Window Motor Front RH Power Window Motor Rear LH

Theft Deterrent Horn

Unlock Warning SW

Theft Deterrent ECU

Junction Connector

Body ECU

M M

*18 : w/o Power Window

(*5)

(*5)

W-B

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

(*18)

(*18)

WLSW MPX1

CPUB BDR DN UP LMT PLS SGND

MPX1 PCT1

BDR GND DN UP LMT PLS SGND SIG W-B

P14

10 BE3

7

W-B W-B

Front Side Under
the Front Seat RH

BK

B

MPX1

7

30 3K 4 3J

24 A

11

19 3Q

IC3

B

W

MPX6

9 IQ3

L L

L

L-W

B-W

L

20 13 11 1 5 15

5

9 BR-B L-Y L-W

G

Y

4

Y-B

Y-B

SB

8 11 6

12 10

42 2E

7 2I

B12(A), B13(B), B14(C)

2 3

Y-B

10 2J

P17

4

74 2Q 26 2K

1

P15

BR-B

L

L-W

G

Y

Y-

P20

1 6 3 4 5

2 3 5

W

Y-B

16 B

1 1 BE3

11 BE4 10 BE4Y-B

W

BW2

W-B

W-B

W-B

L-B(*22 *19)

KL KUL GND KEYE LSWD

2 1

3

Lock

Unlock

W-B(*20) W-B(*20)

L-W

W-B

W-B

D23

4 14 L-W

G-B

6

W-B

3

W-B

2

W-B

L-B(*5 *19)

16

41 3Q

J25
Junction
Connector

(*18) (*18)

*21 : Swing Type

35 3Q

10 2Q 9 2Q

UL1

15

L1

19

S
SB

B

D

3 5

9

6

W-B

Lock

Unlock

70 3Q 3Q 63

7 IF2 3 IF2 SBSB
G-O

G-
W

11 IF2

A

A

P/W (RR) Fuse

<1-4>

P/W (FL) Fuse

<1-4>

W-B

W-B(*20)

SB SB

B-W
L-Y

SB(*18)
W-B

W-B

L-W(*5)
SB(*5)
SB
SB(*4)
SB
SB(*5)

W-B

Y-B

Y-B

(*18)

(*18)

(*18)

* 5 : w/ Double Door Lock

*22 : w/o Double Door Lock

*19 : w/ Power Window
*20 : Liftgate Type

W-B W-B

L-B(*22 *19)
L-B(*5 *19)
L-W(*5)
SB(*5)
SB
SB(*4)
SB
SB(*5)

W-B

* 4 : 2UZ-FE, 1HD-FTE

Door Lock Control S

W

Door Key Lock and

Unlock SW LH

Power Window Control SW Rear RH Power Window Master SW

Power Window Motor
Front LH

Power Window Motor Rear RH

Body ECU

M M

(*18)

(*18)

(*19)

(*19)

(*19)

Bf1

10 10

Bg1

(*21) (*20)

*18 : w/o Power Window

*16 : w/ Navigation System
*17 : w/o Navigation System

BK2

3 5
BK2

(*16) (*17)

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

* 4 : 2UZ-FE, 1HD-FTE

J31

B12(A), B13(B), B14(C)

R-L R-L

1

C

R Y-

R-B R-B

10 2K

8 2E 15 3E

17 ID5

R

R-G

-L

R-G

R

R-L

-Y

16

DCTY PCTY RLCY RRCY

V V

L

RDA PRG

L

2E

15 ID5 7 IQ3

24 B 11 B 12 B

D

1

D22

21

D1

1

D20

1

9

1

23 B

18 ID5

A 4 B 3 B

2 3

G-B

UL2

40

26 3K

8 BW3

L

V

3 BW3

BCTY

7 B

16 ID5

11 BW3 B 7

2

C

C

R-L R-L R-L R-L R-L

J31

3E

1

G-B

14 3J

8 3I 11 2Q

L-W

2

29 2K

L-W L-

W

1 BW3

30 3Q

22

42 3Q

A (*20)

12 2Q

D24

24 2K

G-B

9 BW3

3

L2

Transponder Key

Computer<7-3>

5 1

20

D38

1

W-B

L Y-

G-B

L Y-

W-B

W-B

G-B

W-B

SB

L-
W

SB

G-B

R Y-

B 8(A), (B)

Lock

Unlock

Lock

Unlock

W-B

L-
W

G-B

W-B

D23
Lock

Unlock
1

3 2

9 2J

5 2JG-B

3 B (*21)

1 B

3A

2 B (*21)

2 A (*20)

E

E

W-B

(*20) (*20) (*20)

(*21) (*21)

(*

W-B

21)

(*20)

(*18)

W-B W-B

4 Bg1

W-B

W-B(*20)

W-B

W-B

W-B

SB(*5)

SB

SB(*4)

SB

SB(*5)

L-W(*5)

L-B(*5 *19)

L-B(*22 *19)

W-B

(*18)

(*18)

(*18)

GR-L

W-B(*20)

SB

SB

L-W(*5)
SB(*5)

SB(*4)

SB(*5)

W-B(*21)

W-B

W-B(*20)

* 5 : w/ Double Door Lock

*22 : w/o Double Door Lock

*19 : w/ Power Window
*20 : Liftgate Type
*21 : Swing Type

W-B(*21)

Back Door Courtesy SW

Back Door Key Lock

and Unlock SW

Door Courtesy SW

Front LH
Door Courtesy SW

Front RH
Door Courtesy SW

Rear LH

Door Courtesy SW

Rear RH

Door Key Lock and

Unlock SW LH

Door Key Lock and

Unlock SW RH

Body ECU

Door Control

Receiver

Junction

Connector

Junction
Connector

1 Bg1

1 Bf1

2 Bg1

2 Bf1

*18 : w/o Power Window

(*20)

(*21)

(*20)

(*21)

*16 : w/ Navigation System
*17 : w/o Navigation System

4 BK2

5 (*16) BK1

(*17)

PRG

E

RDA

+B

W-B(*21)

W-B
W-B

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

3E

6

W-B

BE4

A

7

42

4 BE4 6

Door Lock Motor Rear RH

3

7 5 (*5)

B

3

8 A

2

5

A

(*22)

BE4

1

A (*5)

GR-L

BE4

Y-G

14 BE4

A

V

3 B

A

5 3I 3 3I 39 3E

(*22)

A

4

2

4A

W-B

8 BE3 9 BE3

5 3K 34 3KL-B

V

L

V

B-

B

2 Bc1 3 Bc1

8 Bc1

4 Bc1

4 IW3

(*22)

V V

(*22) (*22)

*(

L-B

22) *(

L-B

22)

7 4

2

8 5 6 1

4

3(*5

L-B

)

L-
O

(*22)

W-B

(*22)

W-B

(*22)

L-
O

(*22)

L O-

(*5)

(

W-B

*5)

W-B

(*5)

(

Y-B

*5)

G-Y

(*5)

R
(*5)

M

W-B W-B

(*22)

L-O

L O-

Body ECU

G-Y

R
GR-L

1 B

Front Side Under the
Front Seat RH

BK

W-B

W B- W B-

Y-R

G Y-

R

30 A

LSWP

L-O

D26

13 BE4

L-B

19 IC3 18 IC3 17 IC3

1 BA1 2 BA1 4 BA1

2A 20 A 8A

3 BA1

Y

L

R

Y

L

R

R
W-B

Y

L

3

1 2 4

D42(A)

W-B

B12(A), B13(B), B14(C)

W-B

W-B

Y-G(*5)

L-B(*5 *19)

L-B(*22 *19)

W-B

W-B(*20)

SB

SB

G-Y(*5)

W-B

L-W(*5)

L-B(*5 *19)

Y-B(*5)

G-Y(*5)

R(*5)

Y-R(*5)

G-Y(*5)

R(*5)

W-B

SB

SB

L-B

L-B(*22 *19)

V
GR-L

* 5 : w/ Double Door Lock

*22 : w/o Double Door Lock

*19 : w/ Power Window
*20 : Liftgate Type
*21 : Swing Type

(*5)

(*5)

(*5) (*5)

(*5)

(*5)

* 4 : 2UZ-FE, 1HD-FTE

Double Lock Motor Rear RH

2

1

2 1 SET

D28(B)

Double Lock Position SW Rear RH

D29

Door Lock Motor Front RH

Door Unlock Detection

SW Front RH

Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH

Driving Position

Memory S

W

Door Lock Motor Front RH
Door Unlock Detection SW Front RH

D40

Double Lock Motor Front RH
Double Lock Position SW Front RH

M

M

Door Unlock Detection SW Rear RH

M

V
(*5)

M

M2 M1 MM

Multiplex Communication System

1 LAND CRUISER (LHD) (Cont'd)

3

2

E

(*5)

3

W B(- *20)

V

1

V

L B-

2G

5 24 23

LSR ACT- ACT+

V

L B-

GR-L

2

11 2G

7 BW2 1 BW2 2 BW2

4 3 2

B 9

L B-

GR-L

V

Bg2

L-B

V

L-B

GR-L

25

GR-L

2K

Bg2

V

9 BB3 8 BB3 13 BB4

42 2K 2K 38

BF4

E

GR-L

9

L-B

Bg2

L-B L-B

V

GR-L

V

GR-L GR-L GR-L

2 BO4

W-B(*21)

6

R

A

B 3B

5 A 7

4

Y G-

1 8 A A

2 A

A 3 A (*5) 4A

G Y-

2A

12 BB4 7 BB4 6 BB4 5 BB4 6 BB4

Under the Front
Seat LH

BJ

1 B

W-B

W-B

Y-G

G-Y

R

W-B W-B

W-B

GR-L

GR-L GR-L

L B-

V

L B-

V

(*20) (*20) (*20)

(*21) (*21)
(*20) (*20) (*20)

(*21) (*21)
(*20) (*20) (*20)

(*21) (*21)

B12(A), B13(B), B14(C)

V

J31

W-B(*21)

W-B(*20)

SB(*5)

L-B(*22 *19)

L-B

SB(*4)

SB

SB

W-B

SB(*5)

L-W(*5)

SB(*5)

SB

SB(*5)
SB
SB(*4)

*20 : Liftgate Type

*19 : w/ Power Window

*22 : w/o Double Door Lock

* 5 : w/ Double Door Lock

*21 : Swing Type

(*22)

(*5)

(*5)

(*5)

(*5) (*5)

(*5)

(*5)

(*5)

*18 : w/o Power Window

* 4 : 2UZ-FE, 1HD-FTE

Body ECU

M M

D25

(*22 *19)

L B-

(*22)

W-B

4 1

(*22)

(*22)

L

W-B

-B

2 3

(*22)

(*22)

L-B

V

(*22)

L B-

(*22)

V

8 4 BY1 BY1

BY1

3 2I 10 2I

3 BY1 2

V(*5)

W-B

M

L-B(*5)

Junction

Connec or t

Double Lock Position SW Rear LH

Double Lock Motor Rear LH

Door Unlock Detection SW Rear LH

Back Door Lock Motor and
Back Door Unlock Detection SW

D41(A)

Door Lock

Motor Front LH

Door Lock Motor Rear LH

Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH

Door Un ol ck Detect oi n

SW Front LH

D27(B)

*16 : w/ Navigation System
*17 : w/o Navigation System

5 BK1

3 (*16) BK1

(*17) 2 BK1

6 (*16) BK2

(*17) 6 BK1

5 (*16) BK2

(*17)

* 4 : 2UZ-FE, 1HD-FTE

*22 : w/o Double Door Lock

M

SB

Double Lock Control Relay

Body ECU

Junction

Connector

Junction Connector

L-B

Door Lock Motor Front LH
Door Unlock Detection SW Front LH
Double Lock Motor Front LH
Double Lock Position SW Front LH

D37

J30

SB(*4)

SB

SB(*5)

SB
SB(*5)

L-W(*5)

Y-B(*5)

G-Y(*5) G-Y(*5)

Y-R(*5)

G-Y(*5)

R(*5)

Y-G(*5)

G-Y(*5)

R(*5)

L-B(*5 *19)

L-B(*22 *18)

(*5)

(*5)

(*5)

(*5) (*5)

(*5) (*5) (*5)

(*5)

J30

DBL LOCK Fuse

<1-2>

SB SB

A

IU5

A

22

L W-

9 4A

2 4F

SB SB

L W-

B

B
W B-

G

G

12 IU5

GND

14

+B

1

MPX1

9

CPUB

7

DLPL

12

DLPP

6

DLPR

11

DLPD

5

ACTS

3

Y

Y-B

Y
-R

Y-G

Y

Y-B

Y
-R

SB

Y-G

Y

Y-B

Y
-R

G-Y

G-Y

G-Y

R

R

SB

G-Y

G-Y

SB

R

SB SB

B

B

R

ACTR

4

SB

26 IU5

15 IC3 15 IQ2 3 IW3

21 IU5 2 Ib3 4 Ib3 3 Ib3

62 3Q

27 3K 12 3J

36 3Q

8 2J 28 2K

72 2Q

29 3K 5 3J

20 IU5

1 30 2K 2J

SB

28 2Q 2Q 3Q 84 34

B12(A), B13(B), B14(C)

(*18) LSWD

D39

SB SB

C

IU5

C

19

1 LAND CRUISER (LHD) (Cont'd)

Multiplex Communication System

3

7 8

W-B

(*5)

W-B

(*5)

V
(*5)

(*5

L-B

) 2

4 1 5 6

(*5 *18)

W-B(*5)

L B-
(*5 *19)

Y
(*5)

(*5

G-Y

)

R
(*5)

16 IC3L-B

(*22 *18)

21 A

L-B

SB(*4)

M

SB

* 5 : w/ Double Door Lock

*19 : w/ Power Window

*18 : w/o Power Window

(*5)

(*5)

(*5)

(*5)

(*5)

(*5)

(*5) (*5) (*5)
(*5)

(*5)

(*5)

(*5)

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(*5)

(*5)

(*5) (*5)

(*5)

(*5)

(*5)

(*5)

(*5)

(*5)

(*5)

(*5) (*5)
(*5)

(*5)

L-B(*5)

V(*5)

Multiplex Communication System

49 50 51 52

1 LAND CRUISER (LHD) (Cont'd)

*16 : w/ Navigation System
* 4 : 2UZ-FE, 1HD-FTE *23 : 1HD-FTE

BDSUSuspension Control ECU<23-3>

3 4F

B

9 IU5

(*14)

P-B

G-Y A

24 2E

(*16)

12 4C

66 2Q

6 4E

MPX1

MPX2P-B B B SB SB

P
B
-B

(*16)

10 5C

1 5B

15

ELS1

A

G-

W Engine ECU G-W

10 4A

4 4E

3 4C

(*14)

MPX+ MPX-

A57

MPD1 MPD2

G 4

19 39

4 11

14

SPD

Combination
Meter

System<50-6><51-6>

ACAN

SB

2 IU1

TC

B

18 C

Rheos at t

<17-2>
Buckle SW LH

<42-3>

SB G-W

V W-

W-L

OBD2 P L

B

5 C

Alternator

<2-3><3-4>

Neutral Start S

W

<11-10><12-10><13-11>

DLC3

<7-7>

17 C 17 B 14 A

DBKL/
DBKLR

G A

4 IU1

6

3E

3E

21

3D 3Q W-L

Combination
Meter

<50-13><51-9>

Multi-Display

<46-4><47-14>

26 13 10

8 4A

4A 4B W-L

W-L

17

A/C Control Assembly

<53-14>

SB

13

Engine and ECT ECU<8-14>

17

29 B (*23)

29 A (*1)

18 A (*1)

18 B (*23) (*4)

E10(A), E18(B)

SB

B12(A), B13(B), B14(C)

Rad oi and P ay l er

<47-8><48-4>
SB(*4) (*4) (*4) (*4)

12

BDR1

10

SIG

22

ACC

Multiplex Communication

System<1-1>

*14 : Automatic A/C

* 1 : 2UZ-FE

Engine ECU
Engine and ECT ECU

Gateway ECU

A/C Control Assembly

Body ECU

SB

12

10

11

Rear Bank of Right
Cylinder Head (2UZ-FE)

8 IV1

EC

13 1 20

IU1

R-Y

3

DCY2

11 C

SB

19

SB

S
SB

B

SB

SB

SB

BR

(*4)

(*4) (*4)

C18
Combination Meter

Rear Bank of Left
Cylinder Head (1HZ, 1FZ-FE)

(*11)

(*11, *25)

(*11, *25)

(*4)

*11 : Europe

ED

BR

(*24)

(*23)

*25 : Middle East

Rear Bank of Left
Cylinder Head

W-L
(*11, *25)

*24 : Except *23

(Cont. next page) (Cont. next page)

53 54 55

1 LAND CRUISER (LHD) (Cont'd)

Multiplex Communication System

B12(A), B13(B), B14(C)

GND2

IG

16

MPX1

Moon Roof Control ECU

<30-3>

28

IDL

A

Taillight Syste

m

<16-1>

7 2Q

24 2B

3

9 2L

4 2G

23 18

MPX2

A 21

37 3Q

41 3D

PWS TRLY

B B SB

L

T11

40 3D

41 3E

7 IC4 20 IC3 23 ID5

14 2K

4

9 25 13

B B

B

B

B

B

B B

MPX2

8

R4

S

7

32

25 2Q

SB Turn Signal Flasher

<15-4> 8

HAZ

2

PKB

B

Combination Meter

<50-20><51-19>

R-W

Remote Control

Mirror ECU

Tilt and Telescopic ECU

Seat ECU

Body ECU

12 2D

B

MPX2 MPX2 MPX1

MPX1

GND1

IF Set Bolt of
Cowl Side J/B LH

4

Set Bolt of
Cowl Side J/B LH

A6

2

5 Auto Wiper ECU

MPX2

4 Ib2

B

W-B

W-B

W-B(*20)

W-B

L-Y L-Y

G-Y(*6, *7)

(*9)

SB

(*5) (*5)

W-B W-B

L-B(*22 *19)
L-B(*5 *19)

R-W

R(*5)

L-W(*5)
SB(*5)

SB(*4)

SB(*5)

W-B(*21)

R(*5)
G-Y(*5) G-Y(*5)
Y-R(*5) Y-R(*5)

Y-B(*5)

R(*5)
G-Y(*5)
Y-B(*5)

L-B(*5 *19)
L-W(*5)
SB(*5)

SB(*4)

SB(*5)

W-B(*20)
W-B(*21)

R(*5)

R(*5)

L-B(*5 *19)

L-B(*22 *18)

W-B(*5)

R(*5)

(*9)

W-B

R-G