

# ECU Pinout

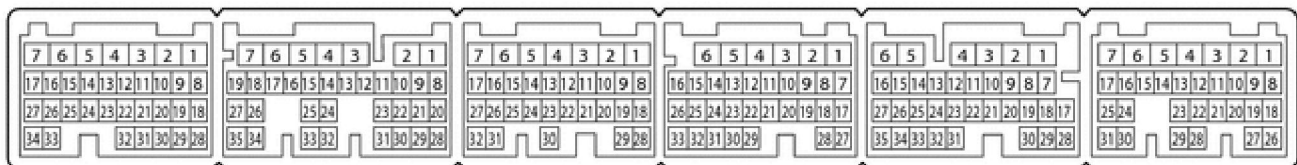
From ECUBEAR

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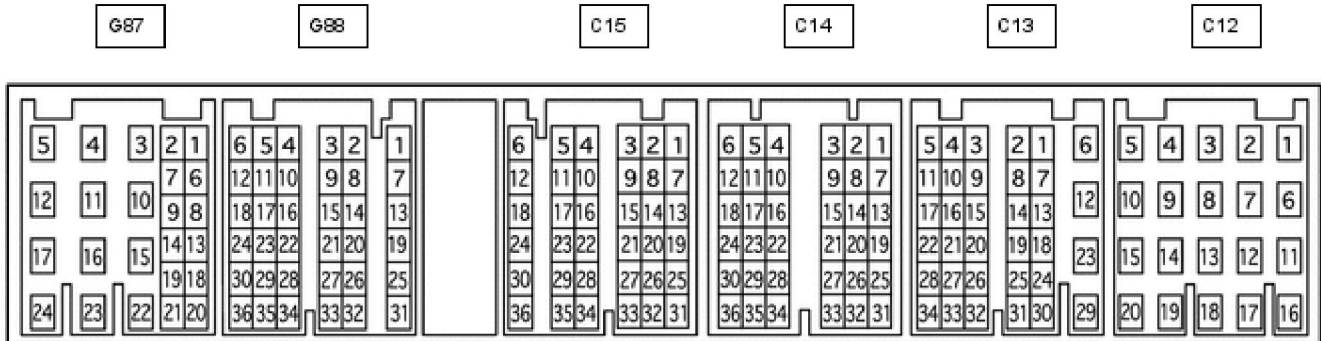
## Toyota Hilux/Fortuner/Revo

### 1GD-FTV, 2GD-FTV (06.2015 - NOW)



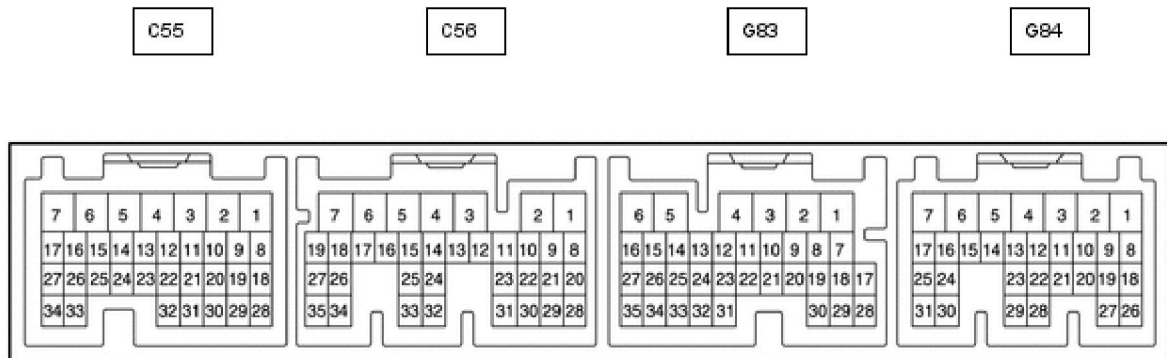
<b>G86-5 (E1)</b>	<b>G85-1 (BATT)</b>	<b>G85-4 (+B) G85-3 (+B2) G85-2 (+B3) G86-18 (IGSW)</b>	<b>G85-17 (CANH) G85-28 (CANL)</b>
Ground	Constant power	Switched power	Communication

**1GR-FE (06.2015 - NOW)**



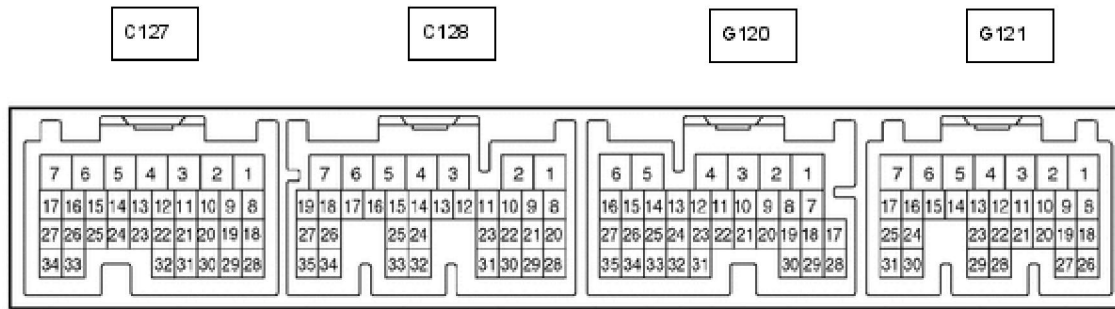
<b>C13-12 (E1)</b>	<b>G87-24 (BATT)</b>	<b>G87-23 (+B) G87-22 (+B2) G87-21 (IGSW)</b>	<b>G88-31 (CANH) G88-25 (CANL)</b>
Ground	Constant power	Switched power	Communication

**1KD-FTV, 2KD-FTV AT(06.2015 - NOW)**



<b>C56-7 (E1)</b>	<b>G83-2 (BATT)</b>	<b>G84-1 (+B) G84-9 (IGSW)</b>	<b>G83-22 (CANH) G83-21 (CANL)</b>
Ground	Constant power	Switched power	Communication

**5L-E (06.2015 - NOW)**



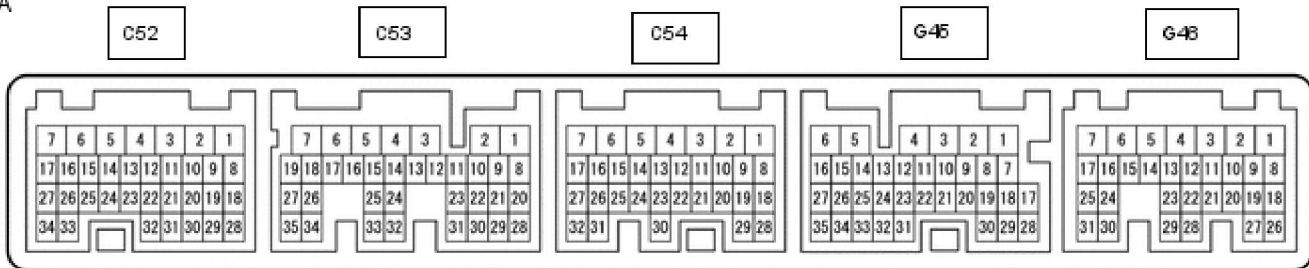
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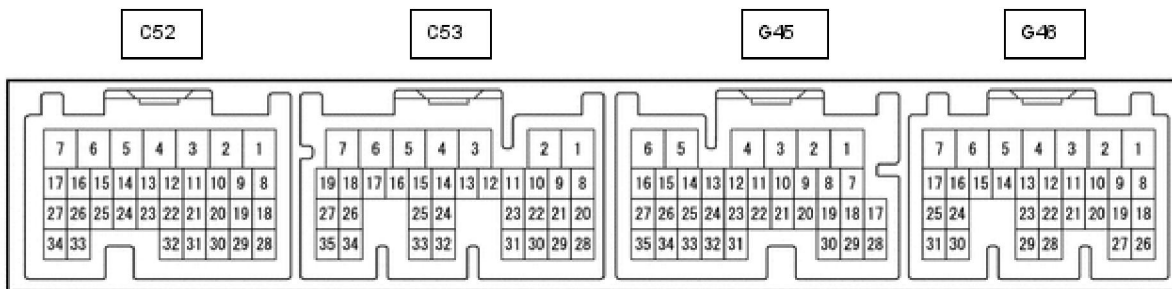
<b>C127-5 (E1)</b>	<b>G121-2 (BATT)</b>	<b>G121-1 (+B) G121-11 (IGSW)</b>	<b>G121-25 (CANH) G121-31 (CANL)</b>
Ground	Constant power	Switched power	Communication

**1TR-FE, 2TR-FE (06.2015 - NOW)**

\*A



\*B

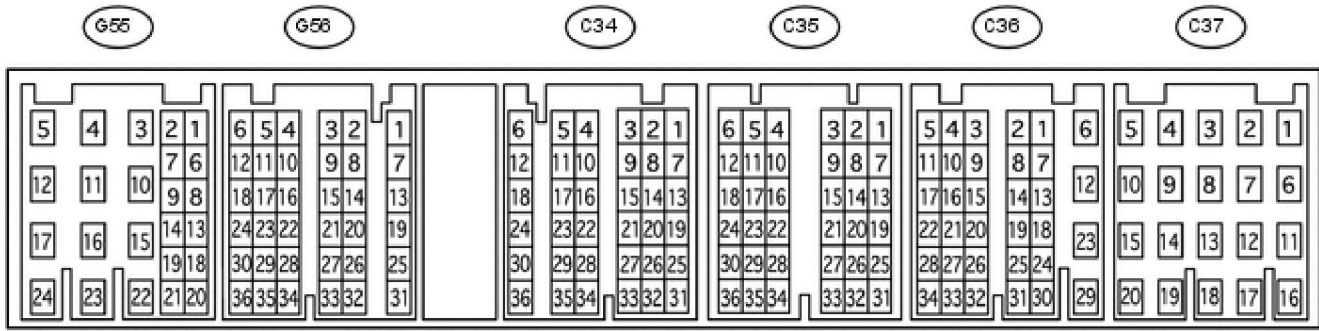


- A - for Automatic Transmission Models
- B - for Manual Transmission Models

<b>C52-3 (E1)</b>	<b>G46-3 (BATT)</b>	<b>G46-1 (+B) G46-2 (+B2) G46-8 (IGSW)</b>	<b>G45-13 (CANH) G45-14 (CANL)</b>
Ground	Constant power	Switched power	Communication

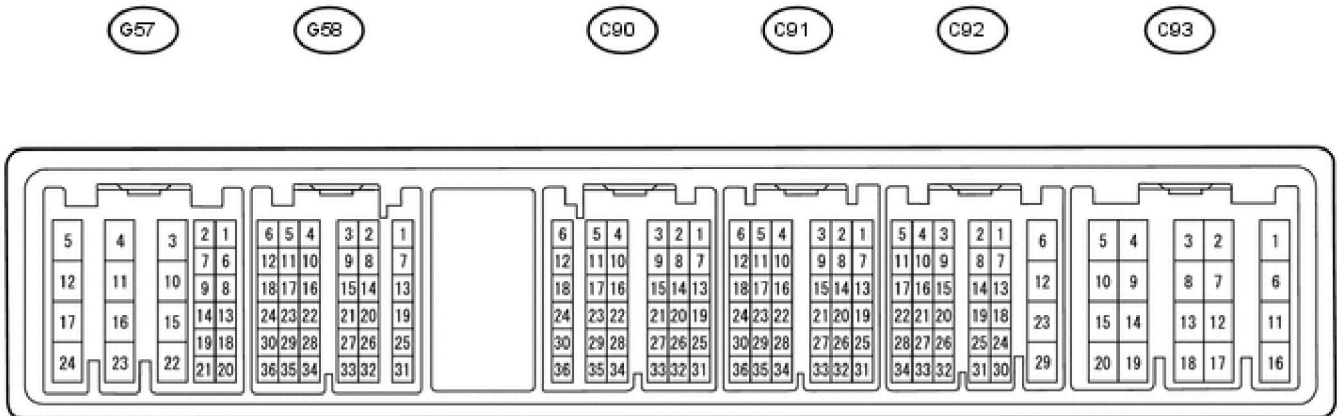
**Toyota Land Cruiser Prado**

**1GR-FE (06.2015 - NOW)**



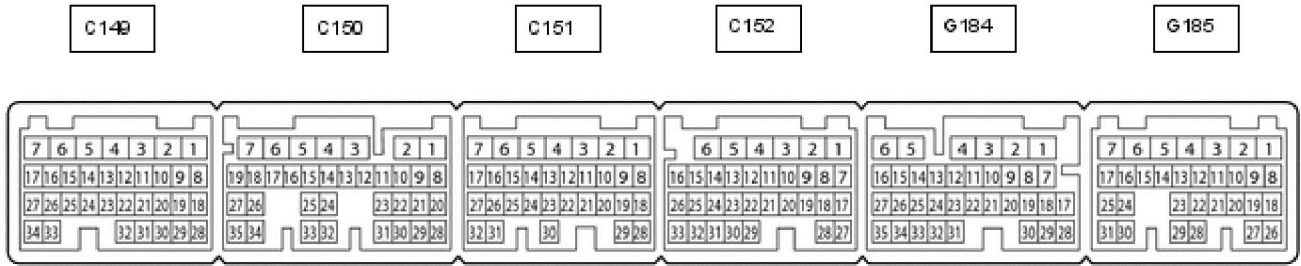
<b>C36-12 (E1)</b>	<b>G55-24 (BATT)</b>	<b>G55-23 (+B) G55-22 (+B2) G55-21 (IGSW)</b>	<b>G56-31 (CANH) G56-25 (CANL)</b>
Ground	Constant power	Switched power	Communication

**1KD-FTV (06.2015 - 08.2020)**



<b>C93-1 (E1)</b>	<b>G57-23 (BATT)</b>	<b>G57-24 (+B) G57-17 (+B2) G58-24 (IGSW)</b>	<b>G58-35 (CANH) G58-36 (CANL)</b>
Ground	Constant power	Switched power	Communication

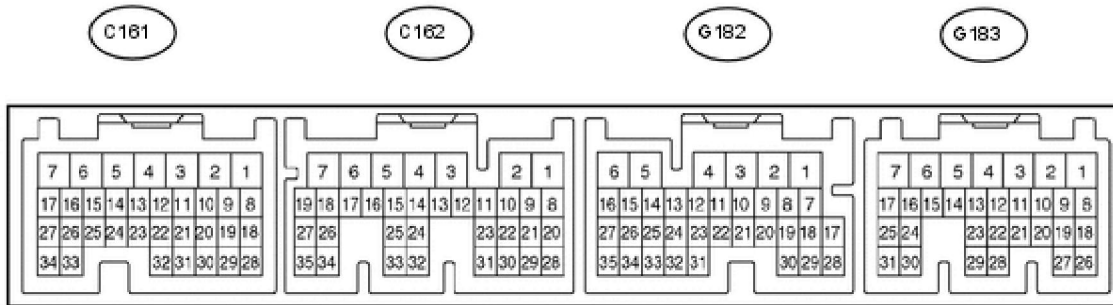
**1GD-FTV (06.2015 - NOW)**



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<b>G185-5 (E1)</b>	<b>G184-1 (BATT)</b>	<b>G184-4 (+B)</b> <b>G184-3 (+B2)</b> <b>G184-2 (+B3)</b> <b>G185-18 (IGSW)</b>	<b>G184-17 (CANH)</b> <b>G184-28 (CANL)</b>
Ground	Constant power	Switched power	Communication

**5L-E (06.2015 - NOW)**



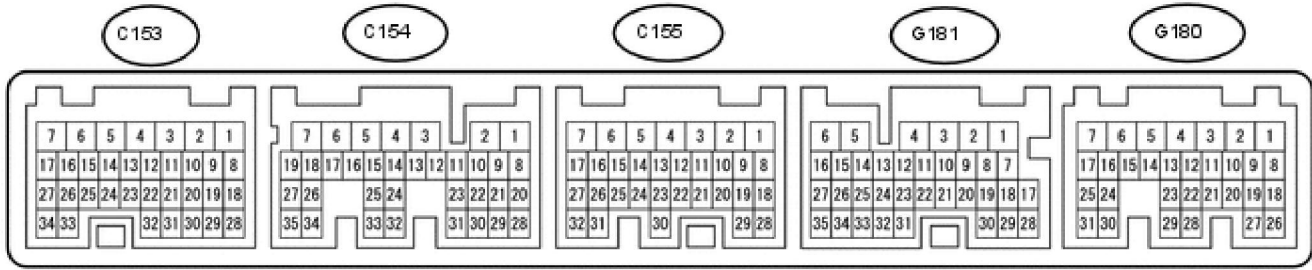
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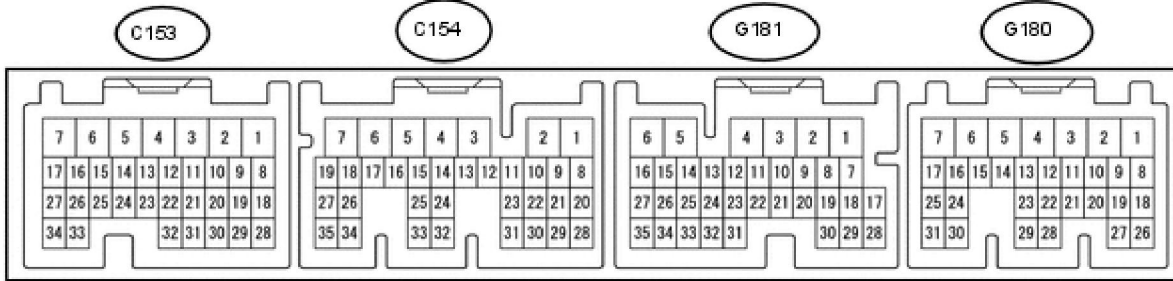
<b>C161-5 (E1)</b>	<b>G183-2 (BATT)</b>	<b>G183-1 (+B)</b> <b>G183-11 (IGSW)</b>	<b>G183-25 (CANH)</b> <b>G183-31 (CANL)</b>
Ground	Constant power	Switched power	Communication

**2TR-FE (06.2015 - NOW)**

\*A



\*B

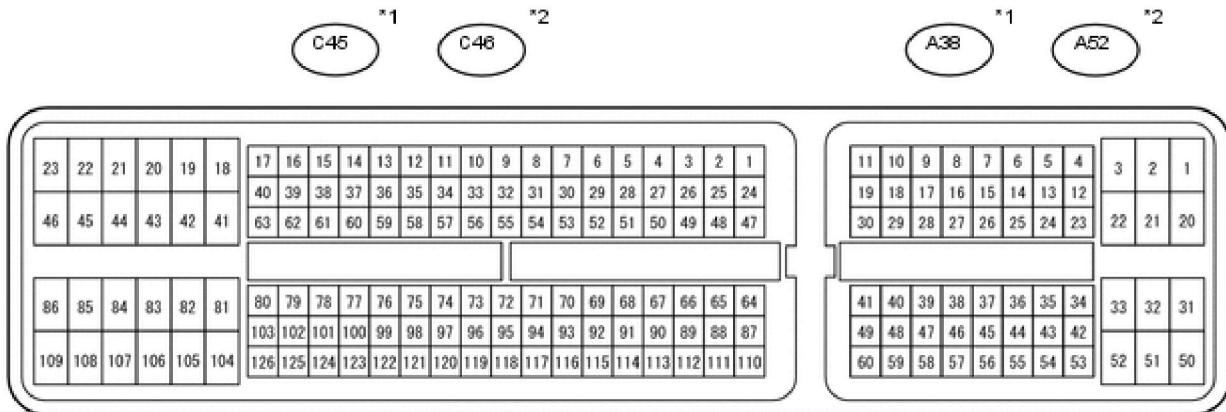


- A - for Automatic Transmission Models
- B - for Manual Transmission Models

C153-3 (E1)	G180-3 (BATT)	G180-1 (+B) G180-2 (+B2) G180-8 (IGSW)	G181-13 (CANH) G181-14 (CANL)
Ground	Constant power	Switched power	Communication

## Toyota Land Cruiser / Lexus LX

1GR-FE (08.2015 - 08.2017)

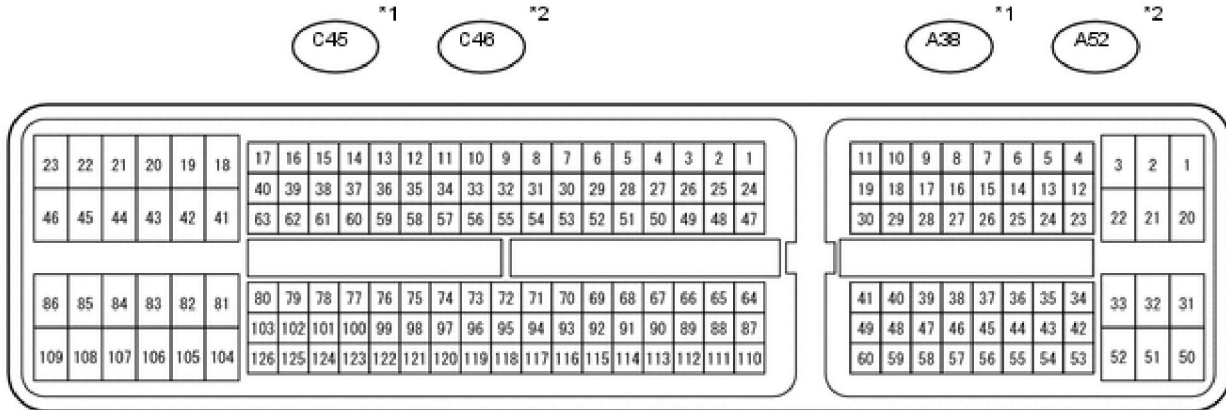


\*1: for LHD

\*2: for RHD

C45*1-81 (E1) C46*2-81 (E1)	A38*1-1 (BATT) A52*2-1 (BATT)	A38*1-3 (+B) A52*2-3 (+B) A38*1-2 (+B2) A52*2-2 (+B2) A38*1-28 (IGSW) A52*2-28 (IGSW)	A38*1-10 (CANH) A52*2-10 (CANH) A38*1-11 (CANL) A52*2-11 (CANL)
Ground	Constant power	Switched power	Communication

**1GR-FE (08.2017 - NOW)**

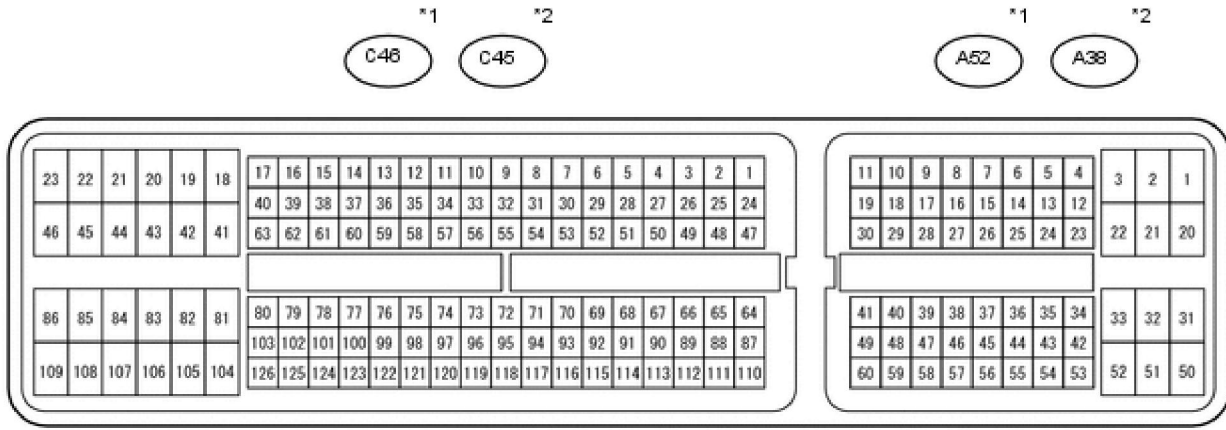


\*1: for LHD

\*2: for RHD

C45-81 (E1)	A38-1 (BATT)	A38-3 (+B) A38-2 (+B2) A38-28 (IGSW)	A38-11 (CANH) A38-19 (CANL)
Ground	Constant power	Switched power	Communication

**1UR-FE (08.2014 - NOW)**

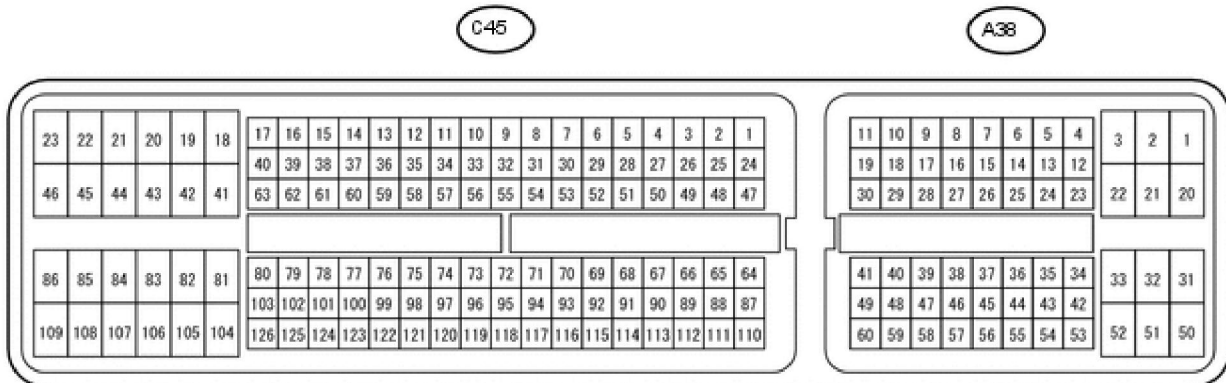


\*1: for RHD

\*2: for LHD

C46*1-81 (E1) C45*2-81 (E1)	A38*2-1 (BATT) A52*1-1 (BATT)	A38*2-3 (+B) A52*1-3 (+B) A38*2-2 (+B2) A52*1-2 (+B2) A38*2-28 (IGSW) A52*1-28 (IGSW)	A38*2-10 (CANH) A52*1-10 (CANH) A38*2-11 (CANL) A52*1-11 (CANL)
Ground	Constant power	Switched power	Communication

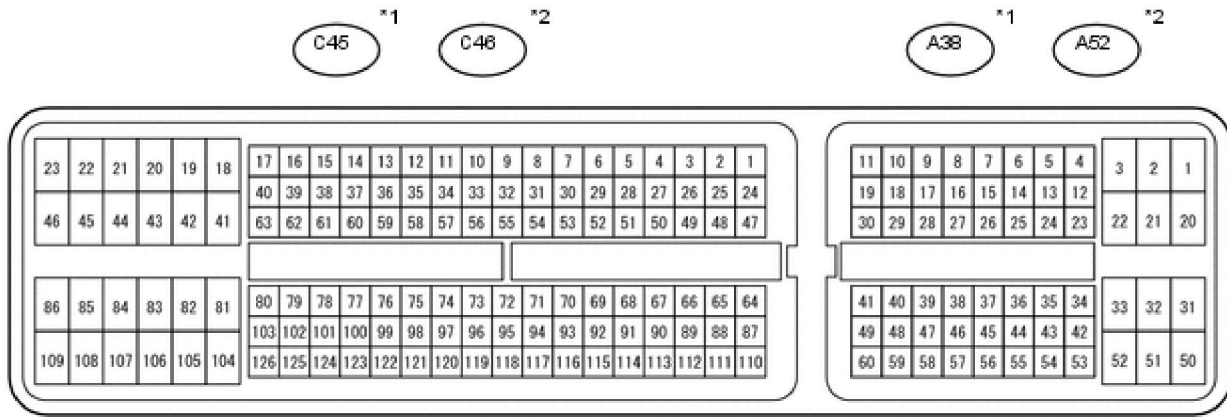
### 3UR-FE (08.2015 - NOW)



C45-81 (E1)	A38-1 (BATT)	A38-2 (+B) A38-3 (+B2) A38-4 (IGSW)	A38-11 (CANH) A38-19 (CANL)
Ground	Constant power	Switched power	Communication

### 1VD-FTV (08.2014 - NOW)





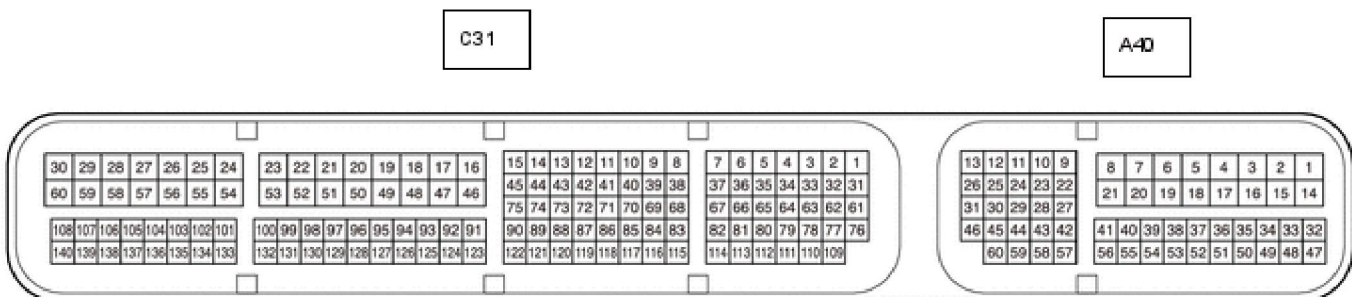
\*1: for LHD

\*2: for RHD

C45*1-81 (E1) C46*2-81 (E1)	A38*1-20 (BATT) A52*2-20 (BATT)	A38*1-1 (+B) A52*2-1 (+B) A38*1-2 (+B2) A52*2-2 (+B2) A38*1-28 (IGSW) A52*2-28 (IGSW)	A38*1-41 (CANH) A52*2-41 (CANH) A38*1-49 (CANL) A52*2-49 (CANL)
Ground	Constant power	Switched power	Communication

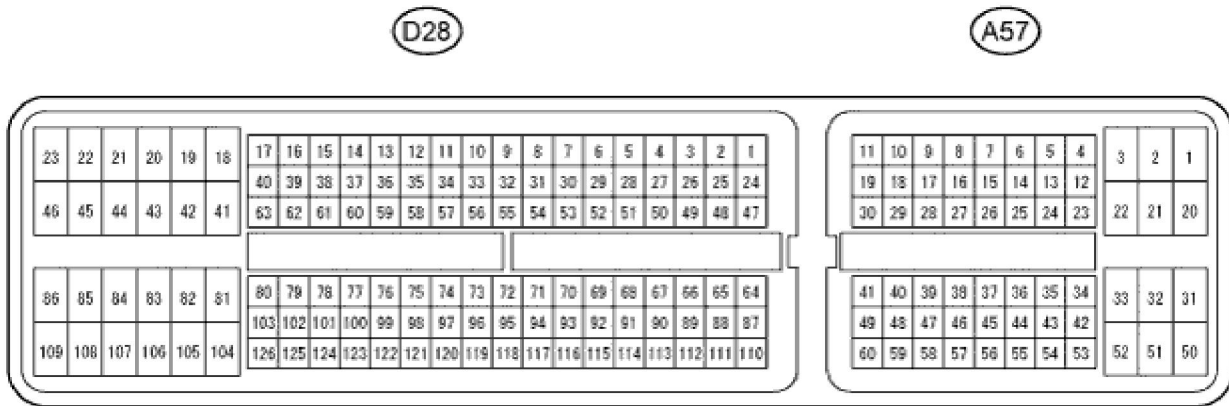
## Toyota Prius

### ZVW50 2ZR-FXE (11.2015 - NOW)



C31-59 (E1)	A40-1 (BATT)	A40-2 (+B) A40-3 (+B2) A40-6 (IGSW)	A40-13 (CANH) A40-26 (CANL)
Ground	Constant power	Switched power	Communication

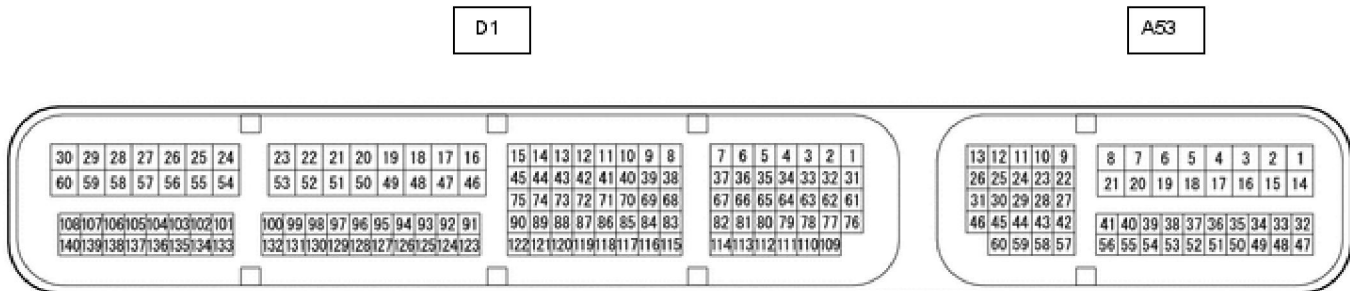
**Prius ZVW30 2ZR-FXE (2009 - 2015),  
Prius Plus ZVW40 2ZR-FXE (2012 - NOW)**



<b>D28-104 (E1)</b>	<b>A57-20 (BATT)</b>	<b>A57-2 (+B) A57-1 (+B2) A57-28 (IGSW)</b>	<b>A57-13 (CANH) A57-5 (CANL)</b>
Ground	Constant power	Switched power	Communication

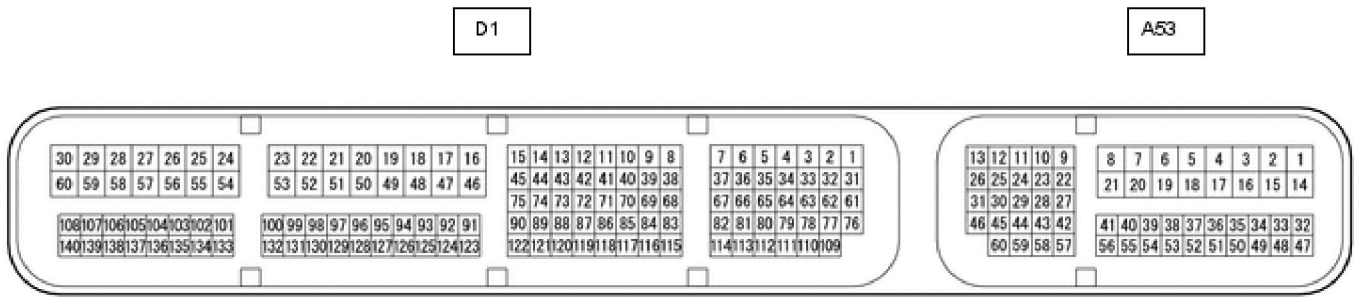
**Toyota Alphard/Veilfire**

**Alphard 2AR-FE AGH30 (2015 - 2019)**



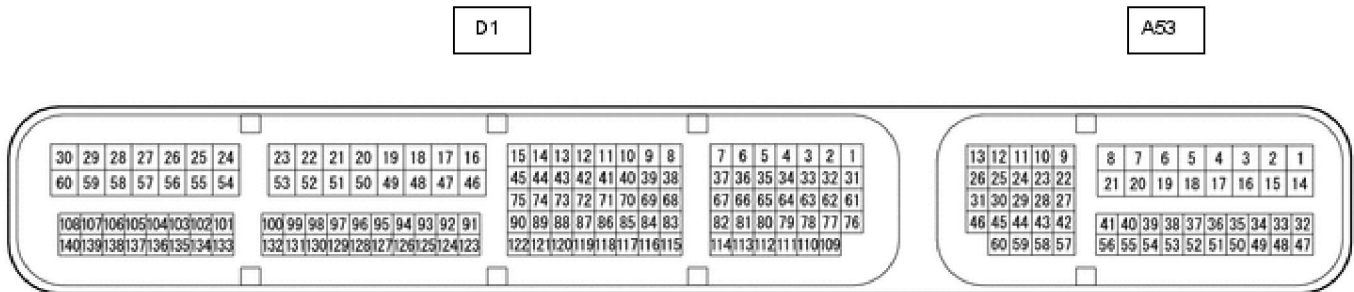
<b>D1-59 (E1)</b>	<b>A53-1 (BATT)</b>	<b>A53-2 (+B) A53-3 (+B2) A53-6 (IGSW)</b>	<b>A53-13 (CANH) A53-26 (CANL)</b>
Ground	Constant power	Switched power	Communication

**Alphard 2GR-FE GGH30 (2015 - NOW)**



<b>D1-49 (E1)</b>	<b>A53-1 (BATT)</b>	<b>A53-2 (+B) A53-3 (+B2) A53-32 (IGSW)</b>	<b>A53-13 (CANH) A53-26 (CANL)</b>
Ground	Constant power	Switched power	Communication

### Alphard 2GR-FKS GGH30 (2015 - NOW)



<b>D1-53 (E1)</b>	<b>A53-1 (BATT)</b>	<b>A53-2 (+B) A53-3 (+B2) A53-4 (IGSW)</b>	<b>A53-13 (CANH) A53-26 (CANL)</b>
Ground	Constant power	Switched power	Communication

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