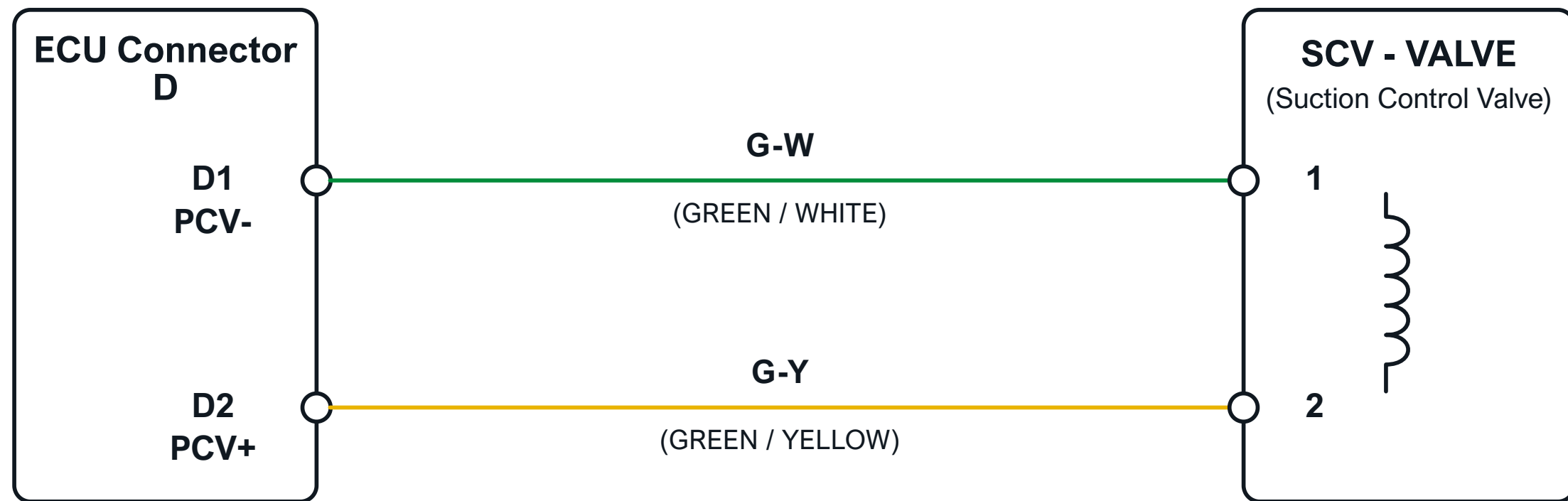


SCV - WIRING DIAGRAM

TOYOTA LAND CRUISER 120 | 1KD-FTV



Based on
Real Repairs



CONNECTIONS

ECU Connector D

- D1 - PCV- ➔ G-W (Green/White)
- D2 - PCV+ ➔ G-Y (Green/Yellow)

SCV Valve

- 1 = PCV- (G-W)
- 2 = PCV+ (G-Y)



SCV RESISTANCE

Measure resistance over the SCV-valve between terminals 1 and 2.

Normal value:

1,9 - 2,3 Ω at 20°C (68°F)



CONNECTOR VIEWS

ECU Connector D

SCV Connector

[See page 2](#)

Large pin reference and orientation.



NOTE: Always disconnect ECU connector before measuring resistance.
Do not apply battery voltage to the SCV-valve.

VERIFIED ON

Toyota Land Cruiser 120

Model year: 2005 | Engine: 1KD-FTV

Other Toyota vehicles equipped with the 1KD-FTV engine may use the same circuit, but connector numbering and wire colours must always be verified.

DOCUMENT CONTROL

Document ID KTN-EL-001

Revision Rev B

Vehicle Toyota Land Cruiser 120

Engine 1KD-FTV

Website www.kennethstechnicalnotes.com

Scan for

- ✓ Full repair article
- ✓ Measurements
- ✓ High resolution photos
- ✓ Future updates



ARTICLE / UPDATES

CONNECTOR VIEWS

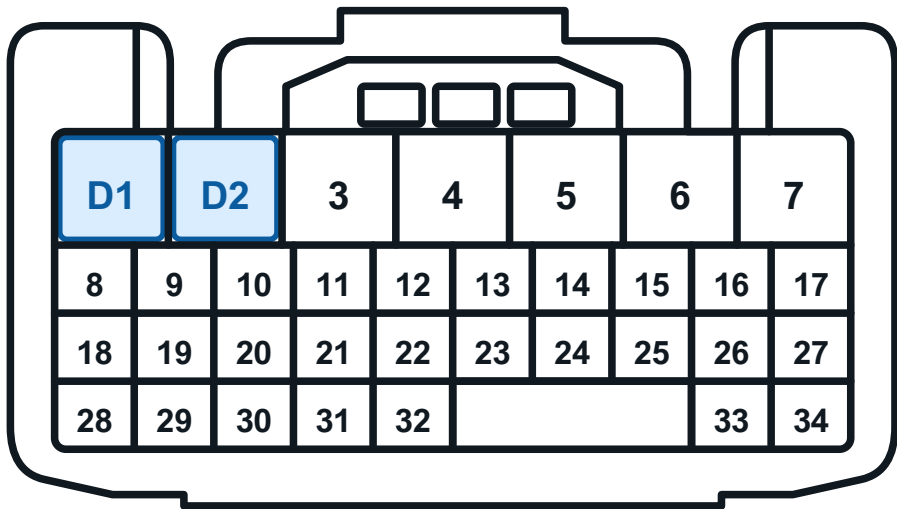
TOYOTA LAND CRUISER 120 | 1KD-FTV



Based on
Real Repairs

ECU CONNECTOR D

VIEWED FROM WIRE SIDE

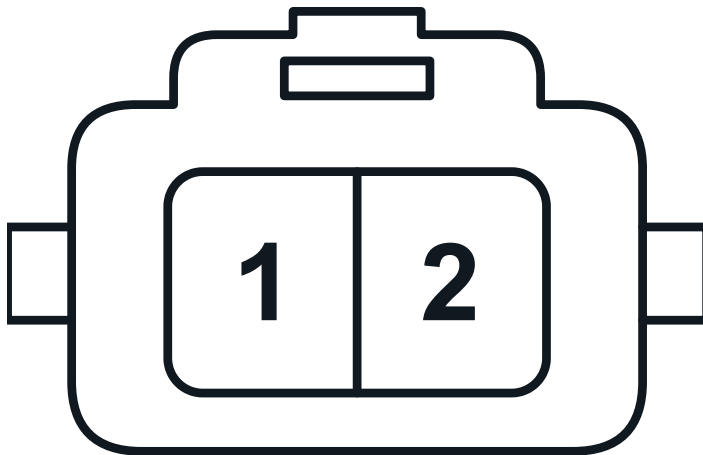


Relevant pins

D1 PCV- **D2** PCV+

SCV CONNECTOR

VIEWED FROM WIRE SIDE



Pin reference

Pin 1 = PCV- Pin 2 = PCV+

PIN NUMBERING SHOWN AS VIEWED FROM THE WIRE SIDE

DOCUMENT CONTROL

DOCUMENT ID

KTN-EL-001

REVISION

Rev B

VEHICLE

Toyota Land Cruiser 120

ENGINE

1KD-FTV

WEBSITE

www.kennethstechnicalnotes.com



ARTICLE / UPDATES