



TOYOTA

Parts and Service Hours:

Monday - Friday 7:00am - 7:00pm

Saturday 7:00am - 5:00pm

Sunday 8:00am - 4:00pm

LINE OP CODE TECH TYPE HOURS

A CUSTOMER STATES SYSTEM MALFUNCTION. LOOKS LIKE LANE ASSIST. CHECK AND ADVISE

CAUSE: E

441999 OTHERS CHANGE

7018 W

4012 441999 4.20

TAS CASE 232930165

Condition: System Malfunction Warning Light On, Lane Assist

Cause: U130D57 Instrument Panel Cluster (IPC) Control Module

Invalid / Incompatible Software Component and B151287 Lost Communication with Steering Switch Control Module Missing Message, Codes Present

Remedy: Perform Health Check

Clear codes, codes reappeared immediately.

Performed Forward recognition camera beam axis alignment can be performed by using Driving Adjustment. Adjustment completed but no difference was made.

Called TAS and was advised to inspect CXPI circuit for loose connections at combination meter and at spiral cable, connectors K18, K41 and z5. Inspect for loose connection at FRC as well.

Inspected Component Toyota TAS advised to check all connectors were fully connected.

INSPECT COMBINATION METER ASSEMBLY (OUTPUT WAVEFORM)

Disconnect the K41 spiral cable sub-assembly connector.

Check the signal waveform.

K41-1 (LIN) - Body ground Ignition switch ON (Pulse generation) good

CHECK HARNESS AND CONNECTOR (POWER SOURCE CIRCUIT)

Measure the voltage according to the value(s) in the table below.

K41-4 (BHT) - Body ground Ignition switch ON 11 to 14 V good

CHECK HARNESS AND CONNECTOR (STEERING VIBRATION ECU - BODY GROUND)

Measure the resistance according to the value(s) in the table below.

K41-2 (EHT) - Body ground Always Below 1 ? good

Reassembled and System Warning Malfunction and DTC's no longer

LIST

NET

TOTAL

(N/C)



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TOTAL

present.
Contacted TAS and informed them of findings and was advised to
Inspect pin fit with SST or appropriately sized pin. Check terminal
tension on K41 connector.
Inspected K41 connector pins for proper pin fits and all pins
tested good.
Reassembled completely and test drove for 50 miles, System Warning
Malfunction And DTC's didn't.
Will Return to owner.

STEERING WHEEL OTHERS OTH 44199 99-OTHERS 99-OTHERS ... 4.2

B CUSTOMER REQUEST TO CHECK ALL FLUID LEVELS WHERE APPLICABLE
MPI CUSTOMER REQUEST TO CHECK ALL FLUID LEVELS
WHERE APPLICABLE

7018IZERO *****

(N/C)

C TIRE PRESSURE CHECK AND INFLATION SERVICE
INFLATE TIRE PRESSURE CHECK AND INFLATION SERVICE

7018IZERO *****

(N/C)

ESTIMATE: 0.00 19OCT23 07:40 SA: 7468

CONTACT:

ALL PARTS ARE NEW UNLESS SPECIFIED