2011 Prado ABS DTC "C120a, ECU Initialization Not Completed" Rectifying Method

Product Model	Date	Number
X431Pro series	20160419	——

Vehicle Coverage:
- Toyota Prado, 2011, VIN= JTEJU3FJXB50*****

Function Description:
   This function is performed to calibrate the yaw rate sensor after one of the following components is replaced:
- ABS ECU
- Yaw rate/G sensor

Prerequisites:
- The vehicle is on a flat surface.
- The steering wheel is straight forward.
- The gear lever is in P gear.
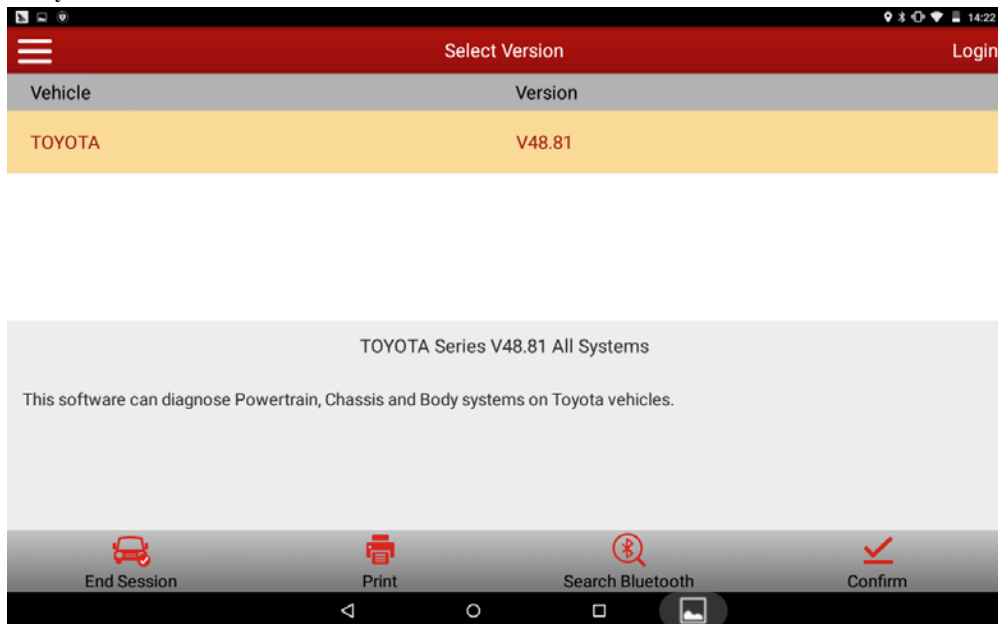- Engine is not running.
- Ignition is ON.

Procedure:
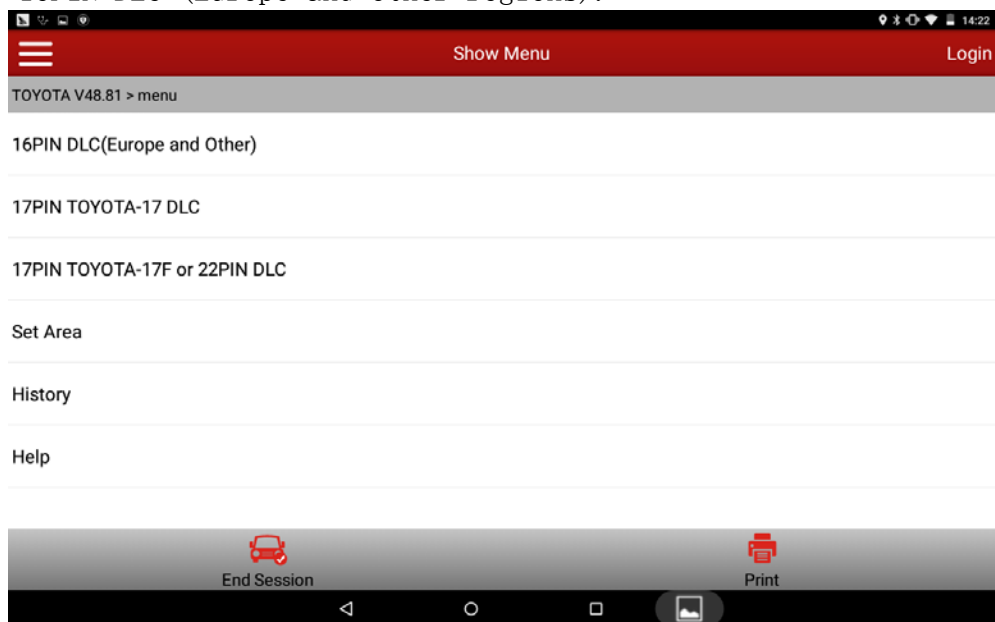   The following takes C120A present after 2011 Prado ABS pump assembly is replaced as an example.
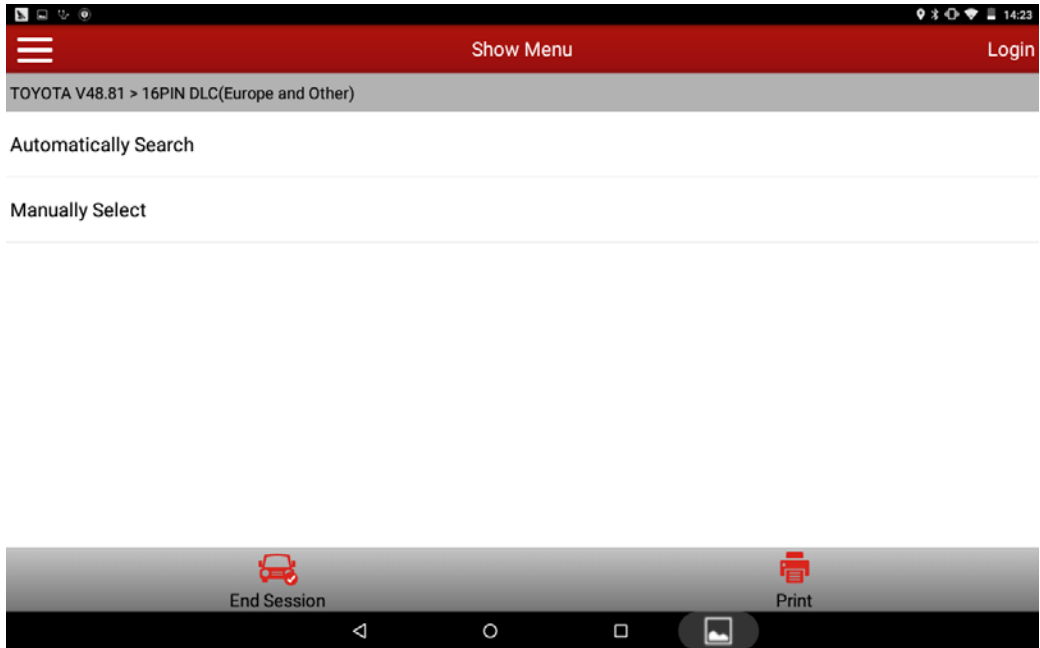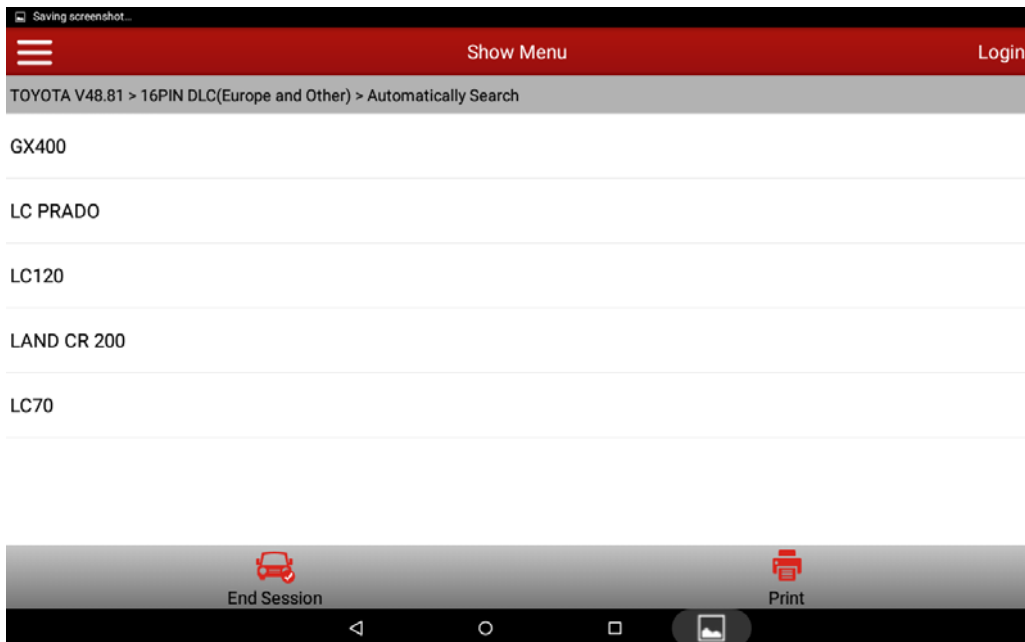

Figure 1

1).Choose Toyota V48.53 or a later version.
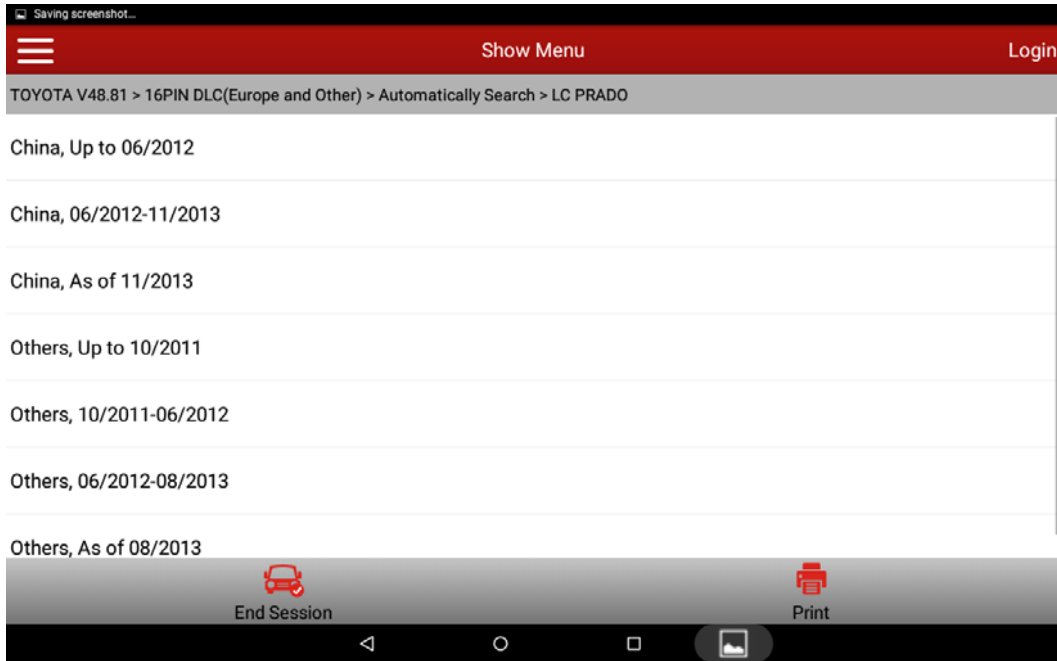

2).Choose 16PIN DLC (Europe and other regions).

3).Choose Automatic Search.

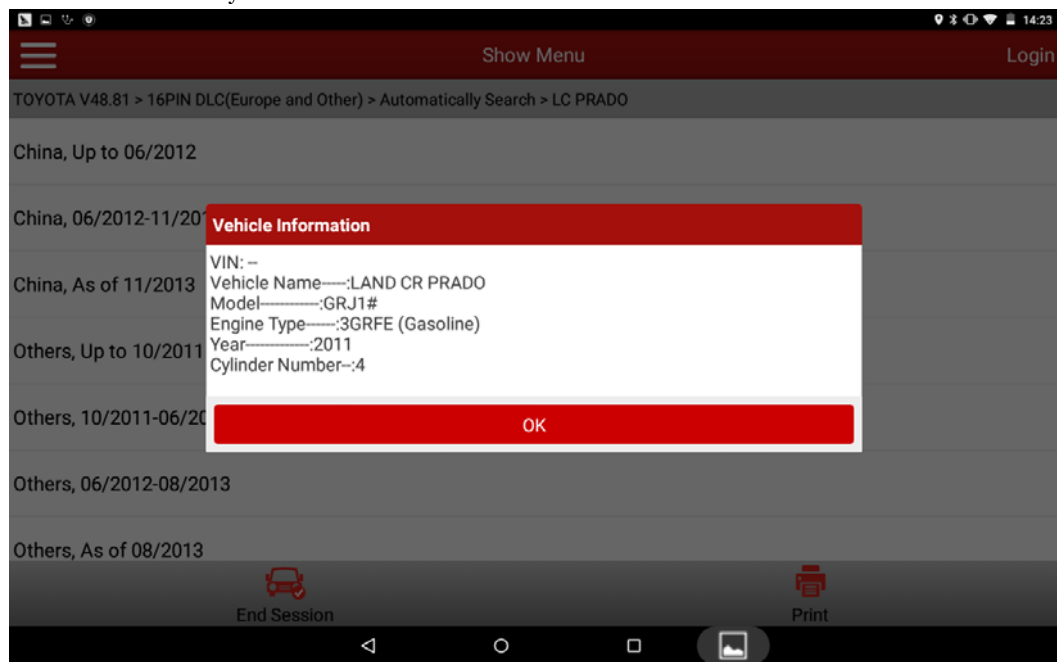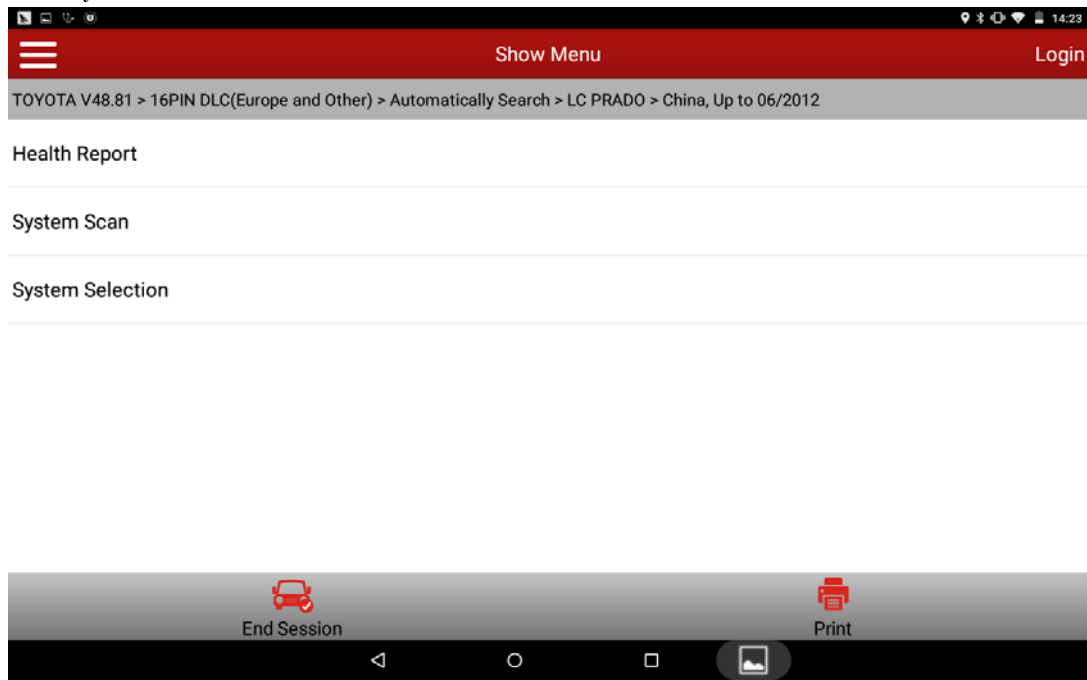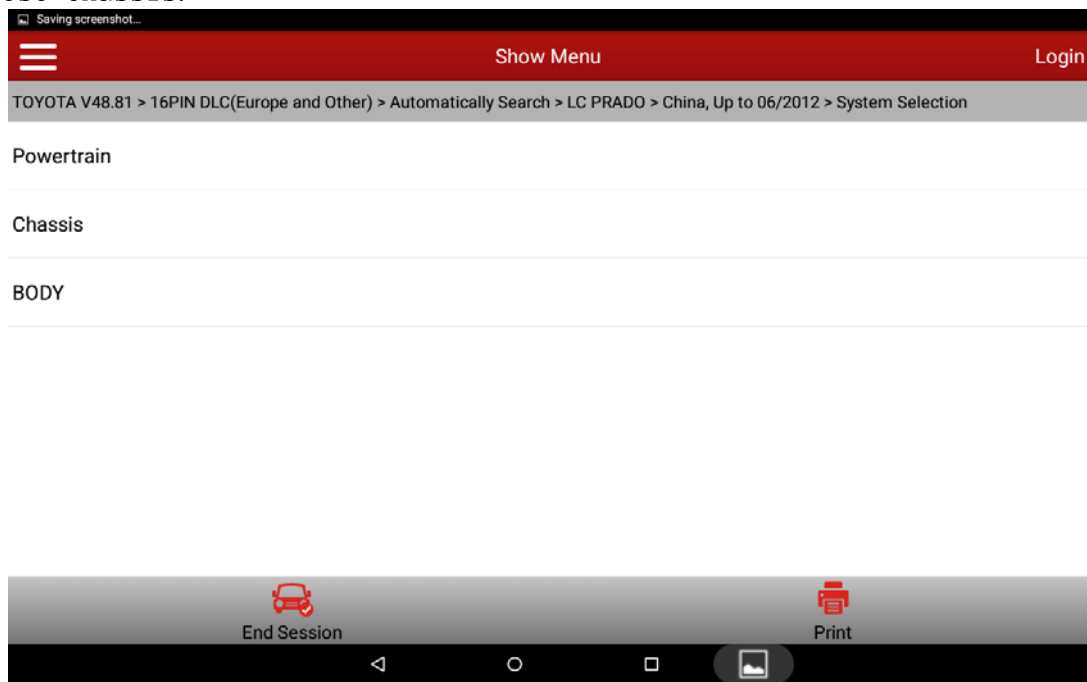4).Choose LC PRADO.

5).Choose China, up to 2012.06..
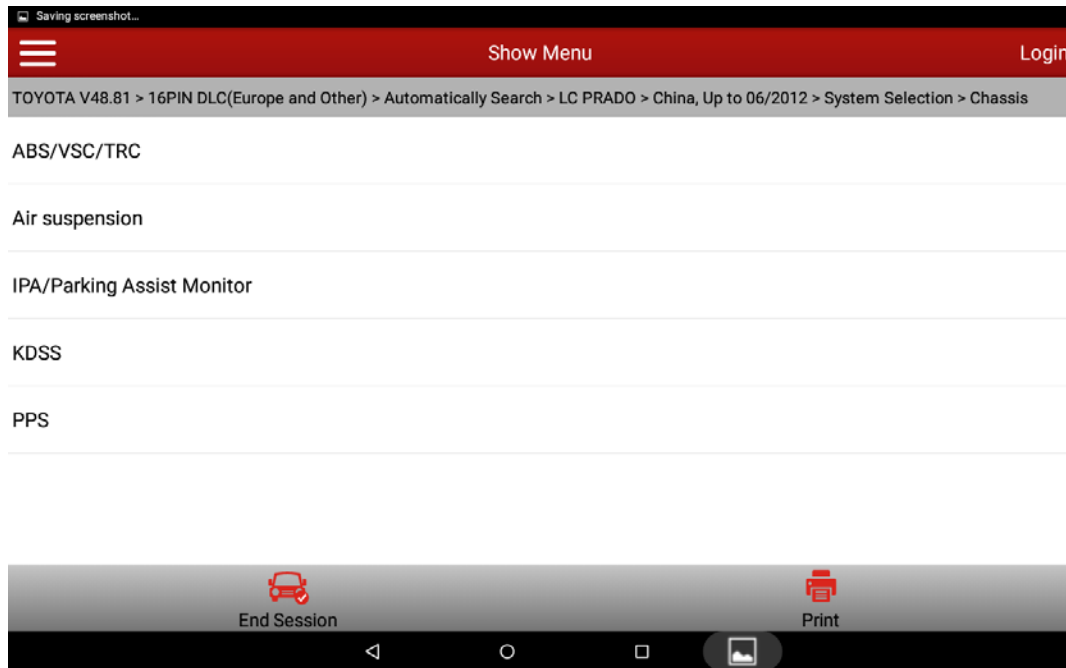

6).X-431 automatically reads vehicle information.

7).Choose System Selection.
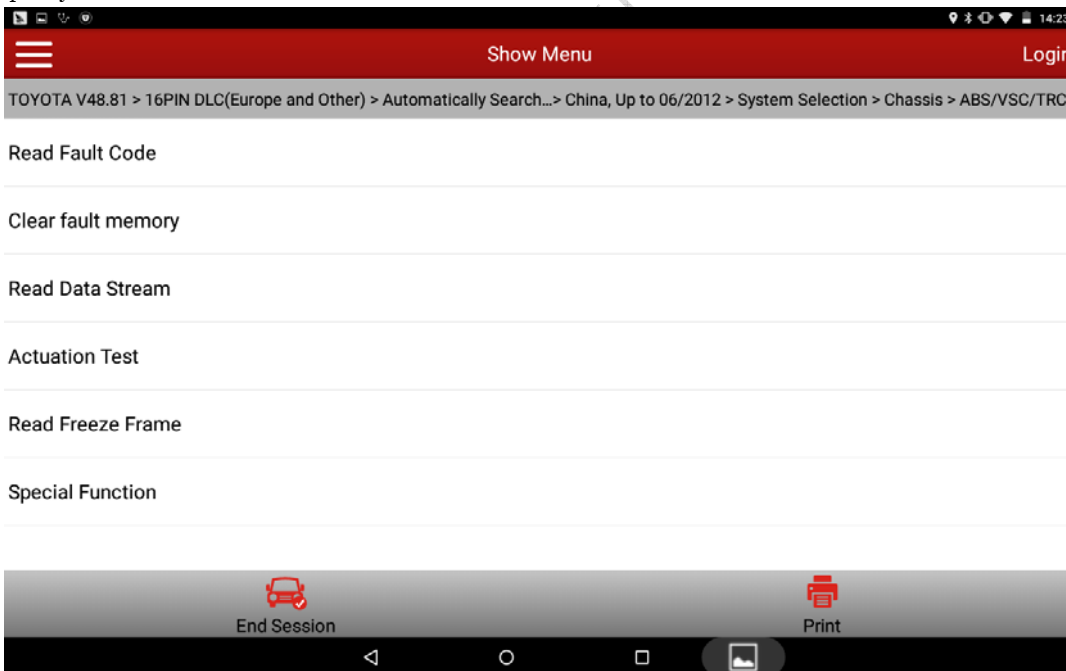

8).Choose Chassis.

9). Choose ABS (Anti-lock Brake System)/VSC (Vehicle Stability Control)/TRC (Traction Control).

10). Read the DTC. The information "C120a, ECU initialization is not completed" is displayed.
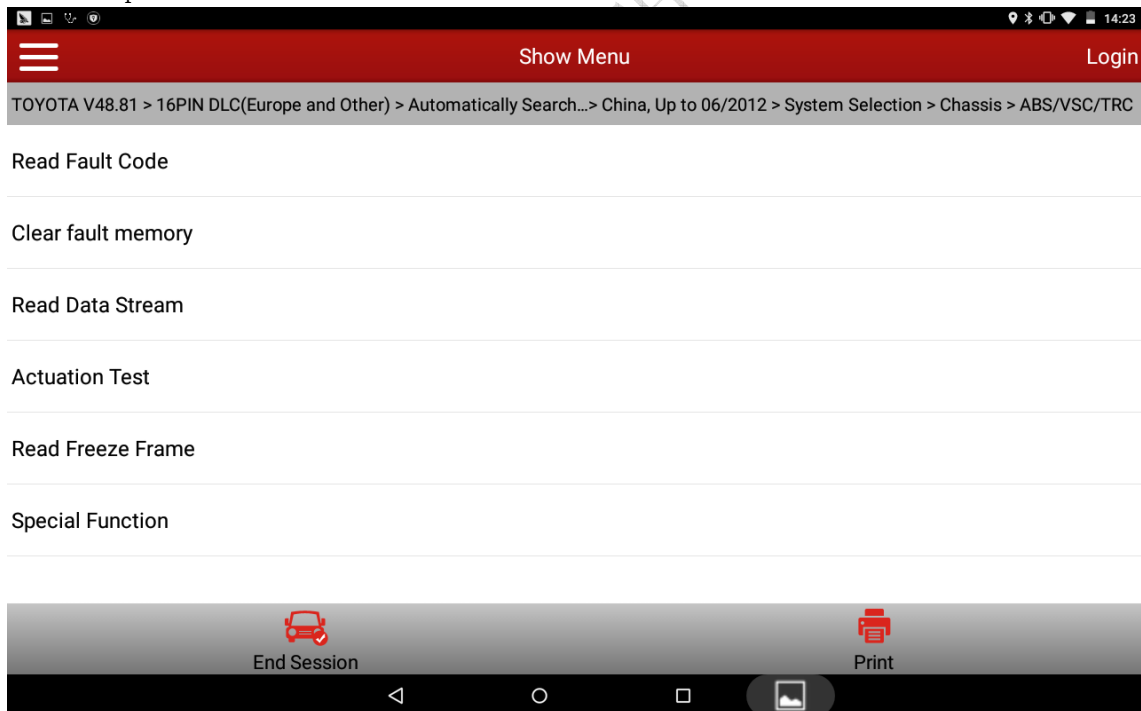
📷 Saving screenshot…

Read DTC			Login

TOYOTA V48.81 > 16PIN DLC(Europe and Other) > Automatically Search…> China, Up to 06/2012 > System Selection > Chassis > ABS/VSC/TRC

Code	Description	State	System Name
C120a	ECU Initial Setting Incomplete	Current	ABS/VSC/TRC

Clear fault memory

End Session	Search	Report	Print	Help
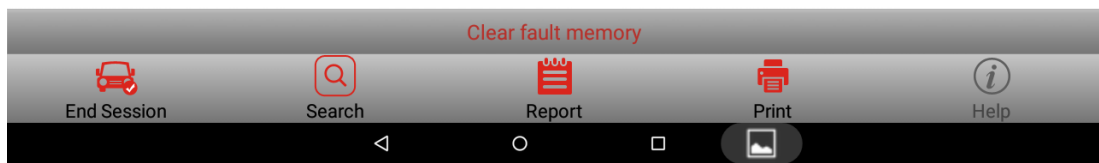
11).Place the gear lever in P, press and turn the knob in Figure 9 to the middle position between H4 (high speed 4WD) and L4 (low speed 4WD), and then perform the X-431 special function "test mode".

12).Choose Special Function.

Show Menu	Login

TOYOTA V48.81 > 16PIN DLC(Europe and Other) > Automatically Search…> China, Up to 06/2012 > System Selection > Chassis > ABS/VSC/TRC

Read Fault Code

Clear fault memory

Read Data Stream

Actuation Test

Read Freeze Frame

Special Function

End Session	Print

13).Choose Automatically Scan Special Function.

> Saving screenshot…

☰   Show Menu   Login

TOYOTA V48.81 > 16PIN DLC(Europe and Other) > Automatically Search…> China, Up to 06/2012 > System Selection > Chassis > ABS/VSC/TRC
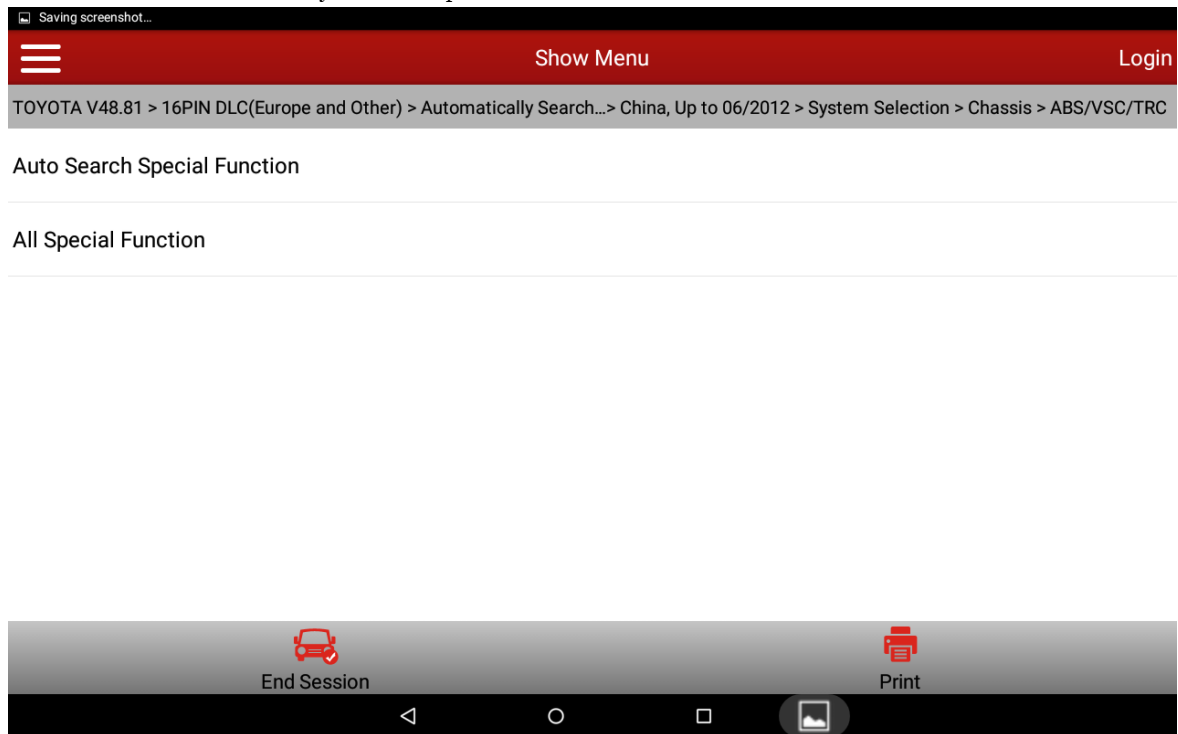
Auto Search Special Function

All Special Function

End Session   Print

◁   ○   □   ▣

14).Choose Test Mode.

☰   Show Menu   Login

TOYOTA V48.81 > 16PIN DLC(Europe and Other) > Automatically Search…> China, Up to 06/2012 > System Selection > Chassis > ABS/VSC/TRC

ABS History

Reset Memory

Test Mode

Air Bleeding

VSC/TR(A)C/4WD Control Prevention Mode

SIGNAL CHECK

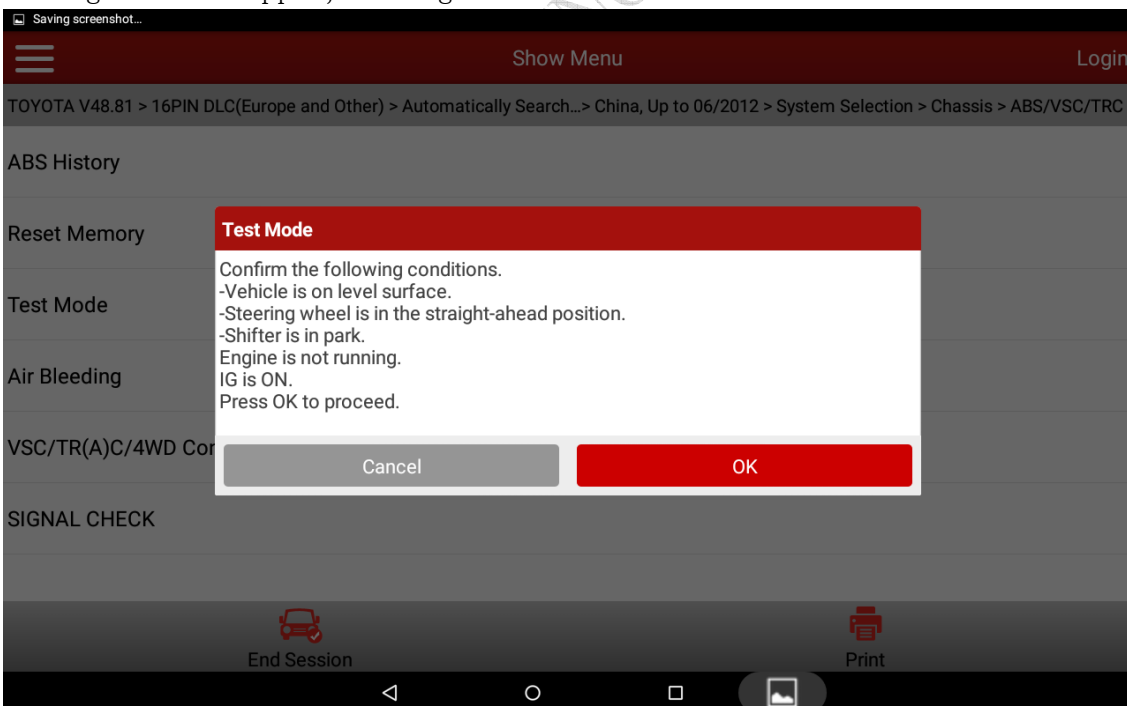End Session   Print

◁   ○   □   ▣
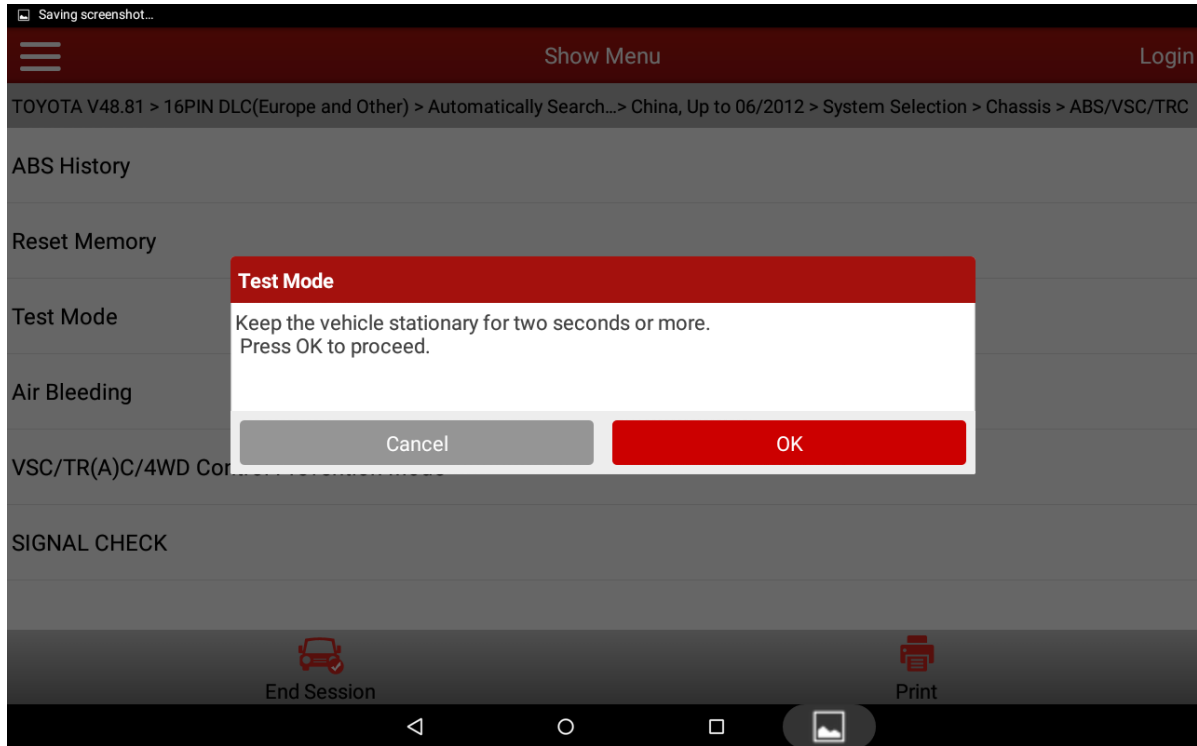
15).A message is displayed, asking this function to be performed after ABS ECU or yaw rate/G sensor is replaced.
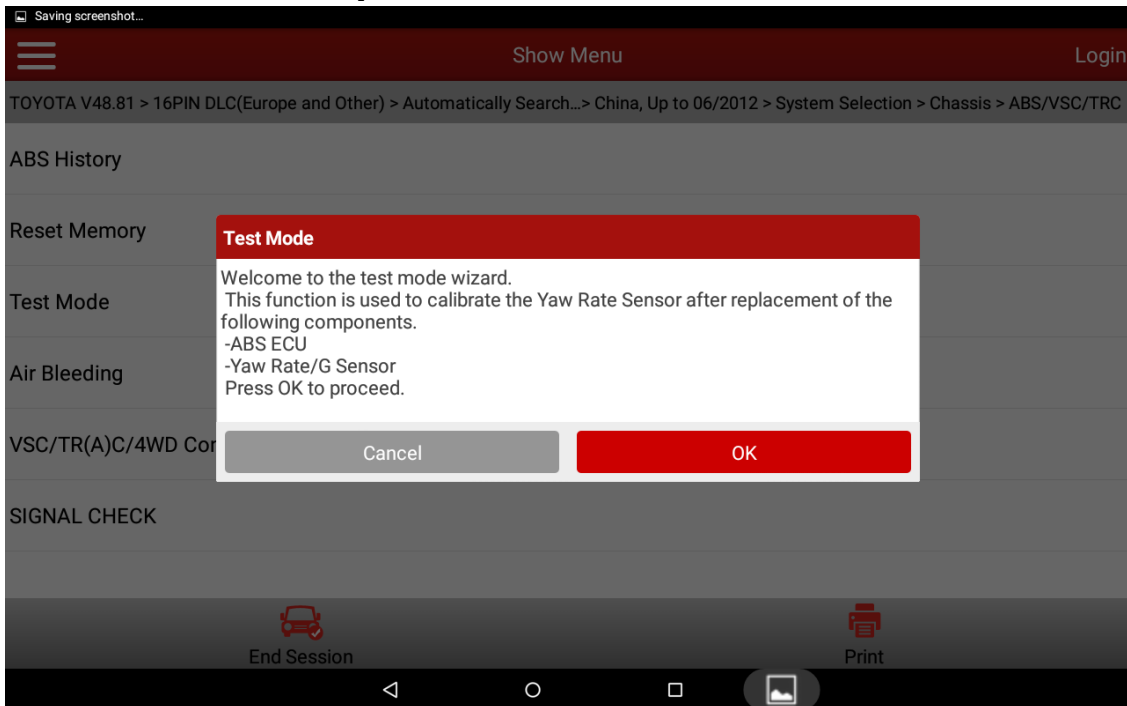
16).The prerequisites for test mode are displayed. Ensure that the vehicle is on a flat surface, the steering wheel is straight forward, the gear lever is in P, the engine is stopped, and ignition is on.
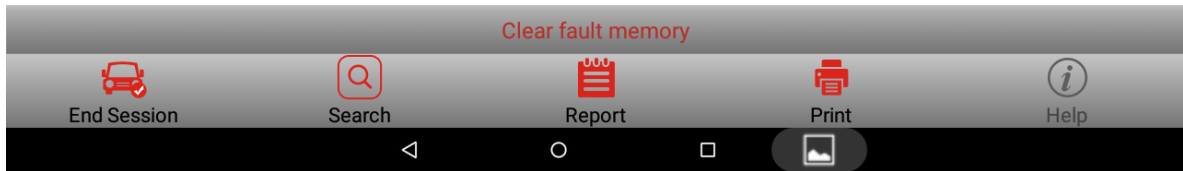
17).Keep the vehicle stationary for 2s or longer.

18).The message "When the ABS&VSC lamp blinks, calibration is complete. If the ABS&VSC lamp does not blink, try again" is displayed.
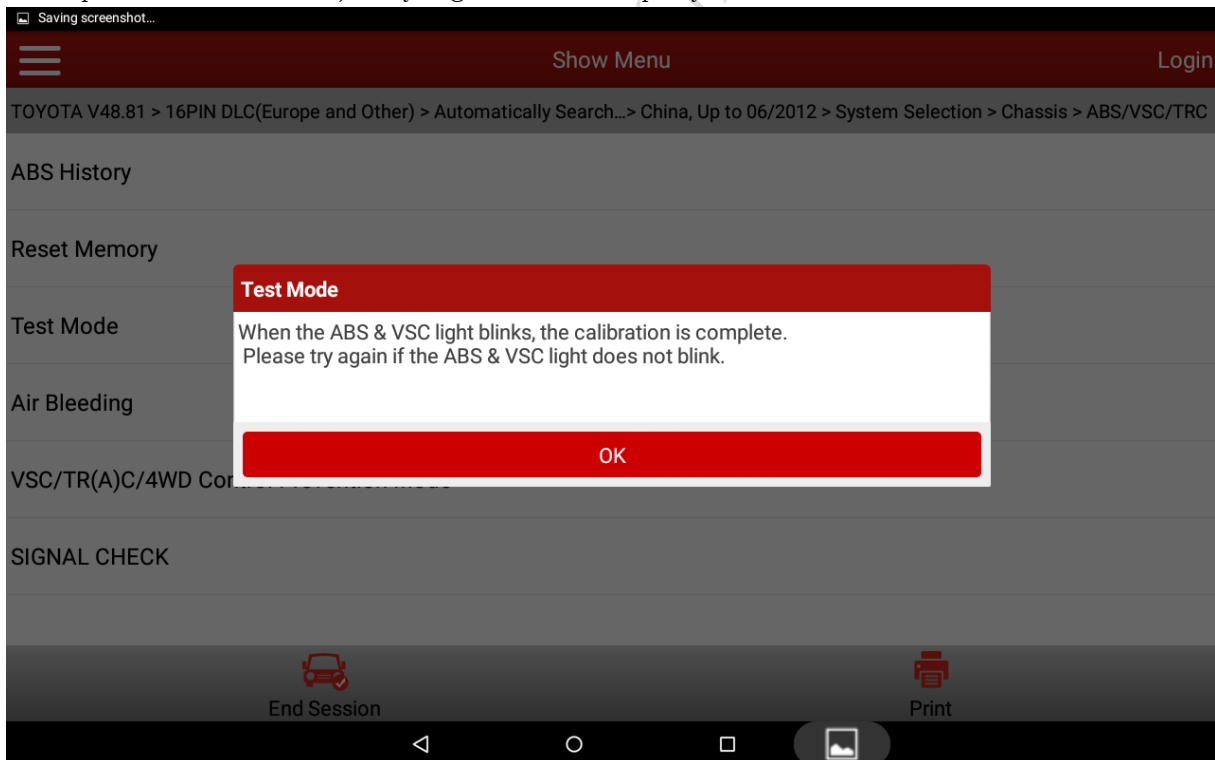
19). Read the DTC again. No DTC is prompted. Start the engine to check. If the
     instrument panel MIL is not on, the fault is rectified.

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