## 2010 Toyota Reiz Electronic Power Steering System Learning Procedure

Product Model	Date	Number
X-431 Pro series	Sept. 2nd, 2015	
X	431 Pro	Pro3

Feedback from Mr. Zhao (1398538\*\*\*\*) in Guizhou, Toyota Reiz, VIN=LFMBE22D7AO\*\*\*\*\*, 5GR Engine, 2010, see Picture 1. This car has changed the steering wheel. Torque sensor learning is successfully done by the X-431 PRO.



Picture 1

## Operation Procedure:

- 1). Switch on the ignition.
- 2). Select the Toyota Version above V48.31.
- 3). Select 16PIN Diagnostic Socket.
- 4). Select "09/2010-03/2012"
- 5). Select "w/AFS OFF Switch"
- 6). Select "System Selection"
- 7). Select "Classis"
- 8). Select "EMPS"
- 9). Select "Read Fault Code"

≡•	Show Menu	1
TOYOTA V48.81 > 16PIN DLC(Europe and C	Other) > Automatically Search_Smart Key > w/ AFS OFF Switch > System	Selection > Chassis > EMPS
Read Fault Code		
Clear fault memory		
Read Data Stream		
Read Freeze Frame		
Special Function		

		<b>.</b>		(i)
New Session		Print	Help	
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Picture 2

- 10).Select special function.
- 11). Select torque sensor calibration.
- 12).Pay attention to the prompt

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T0Y0TA V48.81 > 16P	IN DLC(Europe an	d Other) > Autom	atically SearchSm	art Key > w/ A	FS OFF Switch > 5	system Selection > Chassis > EMPS
Torque Sensor Adj	ustment					
Mode changes	Torque Sen	sor Adjustment				
Signal Check	1, Welcome This functio 1, The EPS B 2, The steen 3. There is a press OK to					
	R		i	p		0
Ne	w Session	4	Pri O			
			D: (	2		

Picture 3

13). Pay attention to the prompt, see Picture 4.

≡*	Show Menu					<u>۹</u>	
TOYOTA V48.81 > 16PIN	DLC(Europe and C	ther) > Automatic	cally Search	LSmart K	ey ≥w/ AFS	OFF Switch >	System Selection > Chassis > EMPS
Torque Sensor Adjus	stment						
Mode changes	Torque Senso	Adjustment					
Signal Check	2. Confirm the t 1. Vehicle is st 2. IG switch is 0 press OK to pro	following condit opped. DN(READY). oceed. Cancel	ions:			ж	
1	R			帚			0
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14). Ensure the vehicle is stationary, the ignition is on, then click confirm button. Confirm the PS (power steering) warning lamp is on. After confirmation, it prompts counting down 40 seconds "Calibrating, the remaining time is \*\* seconds".



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15). Pay attention to the prompt, see Picture 5, "Ensure the steering wheel is at the center. Note, during the operation of next step, the steering wheel will swing. Do not touch it!" Click CONFIRM button.



- 16). When the steering wheel stops swinging, click confirm, it prompts "Calibrating, the remaining time is \*\* seconds".
- 17). It prompts "Torque sensor calibration completed", indicating the sensor learning succeeded.



18).Click confirm, exit from the software. Turn off the ignition.

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