

Toyota Supporta

Pre-Collision System (PCS) Customizable Features for Off-Road/Special Driving Conditions

Service Category Brake

Section Brak	e Control/Dynamic Control System	Market USA	ASE Certification
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Applicability

YEAR(S)	MODEL(S)	ADDITIONAL INFORMATION
2016 - 2018	Land Cruiser	
2018	Sequoia, Tacoma, Tundra	

Introduction

All 2016 – 2018 model year Land Cruiser and 2018 model year Sequoia, Tacoma, and Tundra vehicles are equipped with a Pre-Collision System (PCS), also known as Automatic Emergency Braking (AEB) as part of Toyota Safety Sense.

The Pre-Collision System (PCS) defaults its operating mode to ON after each ignition (IG) cycle. In some driving conditions, such as extended off-road use, driving with tire chains in adverse conditions, towing another vehicle, or when your vehicle is being towed, drivers should operate the vehicle with PCS OFF. Drivers may also prefer to maintain this setting after each IG cycle. If this functionality is requested, follow the procedure in this Service Bulletin to disable the PCS mode reset after each IG cycle.

Warranty Information

OP CODE	DESCRIPTION	TIME	OFP	T1	T2
N/A	Not Applicable to Warranty	Ι	-	_	-

Required Tools & Equipment

REQUIRED EQUIPMENT	SUPPLIER	PART NUMBER	QTY
Techstream 2.0*		TS2UNIT	
Techstream Lite	ADE	TSLITEPDLR01	1
Techstream Lite (Green Cable)		TSLP2DLR01	

* Essential SST.

NOTE

- Only ONE of the Techstream units listed above is required.
- Software version 13.10.019 or later is required.
- Additional Techstream units may be ordered by calling Approved Dealer Equipment (ADE) at 1-800-368-6787.

Pre-Collision System Customization Procedure

1. Connect Techstream to the vehicle.

Figure 1.

Techstream (Ver 13.10.019	9)	- 🗆 ×
File Function Setup TIS	S User Help	17 april - 9 H Day
Connect to Vehicle Open Scan Data File	Vehicle Connection Wizard(\$301-06)	
	Select the Information and press Next	
Launch TIS	Required Information:	\land
New Users Demo	Division: TOYOTA -	
Check for Scantool Updates	Model: Tacoma -	
Generic OBD II	ModelYear: 2018	1
Software Registration	Engine: 2GR-FKS	
User Selection	Option: W/ Smart Key	
Language Selection	RADAR CRUISE	~
Advanced Function		
T unction	Optional Information:	
	VIN:	
	Memo:	
Log Out		
	History Help <back next=""> Cancel</back>	
Ver 13.10.019		
Subscription Expiration 243d 04h 13m	TOYOTA 🖉 LEXUS 🤅	€ scion

Pre-Collision System Customization Procedure (continued)

2. Select Customize Setting.

Figure 2.

System Select Stored	I Data Customize						
2018 Tacoma 2GR-FKS	System Selection Me Select desired system and ther		ess the ECU.				
001743 mile	System Yellow = ECU st System White = ECU co						
5TFC		<pre>x = ECU not supported or not r erisk = ECU communication O</pre>	esponding. K in past times but not respon	ding now.			
Health Check		hassis Body Electrical					
Customize	Engine	Transmission	Radar Cruise1	Radar Cruise2	Four Wheel Drive	ABS/VSC/TRAC	^
Setting	Tire Pressure Monitor	Front Recognition Camera	LKA/LDA	Air Conditioner	SRS Airbag	Pre-Collision 2	
ECU	Main Body	*Accessory Gateway	Central Gateway	D-Door Motor	P-Door Motor	Master Switch	
Reprogramming	Sliding Roof	Combination Meter	Intuitive P/A	Smart Key	Power Source Control	Occupant Detection	
	*Remote Engine Starter	Starting Control	Navigation System	Blind Spot Monitor Master	Blind Spot Monitor Slave		
CAN Bus Check							_
TIS Function							=11
Read Data							
Function					1	1	
							^
TIS Search Print							V
Main Menu							
S303-01						Default User	DLC 3 🔶

Pre-Collision System Customization Procedure (continued)

3. Select Others.

Figure 3.

Techstream (Ver 13.10.	019) - 11906	- 0	×
File Function Setup			
System Select Stor			
2018 Tacoma 2GR-FKS	Select Customize Function		
001743 mile	Wireless Door Lock	Door Lock	^
	Security	Power Window	
	Wiper	Illuminated Entry	
5TF0	Warning	Light Control	
	Slide Roof	Air Conditioner	
	Sensor	Display	
	Unit conversion	Smart Key / Access	_
	PSD & PBD operation	Seat	-
	Others		-
			-
			-
			-
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			-
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			_
			~
		1	
TIS Search			
Print			
Close			\Rightarrow
S601-03		Default User DLC	3 🔶

4. Select ON for PCS Operation State Retention Setting.

NOTE

The default setting for PCS Operation State Retention is OFF. Selecting ON will maintain the last PCS setting at ignition OFF for the next time the ignition is cycled.

Figure 4.

PCS Operation State Retention Setting OFF ON PCS Alarm Activation Distance Retention Satting 1 OFF ON PCS Alarm Activation Distance Retention PCS Alarm Activation Distance Retention Setting 1 OFF ON PCS Alarm Activation Distance Retention Setting 3 OFF ON PCS Alarm Activation Distance Retention Setting 3 OFF ON Reverse Coupled Actuation Mirror Angle Default Setting User Setting PCS Alarm Activation Distance Retention OFF ON	ITEM			SETTING		
Setting 1 OFF ON PCS Alarm Activation Distance Retention Setting 2. PCS Alarm Activation Distance Retention Setting 3 OFF ON Reverse Coupled Actuation Mirror Angle Default Setting Setting 1 OFF ON Setting 1 OFF ON Setti	PCS Operation State Retention Setting	OFF	ON			
Setting 2. OFF ON PCS Alarm Actuation Distance Retention Setting 3 Reverse Coupled Actuation Mirror Angle Point Setting Point Distance Retention Setting OFF ON User Setting Point Distance Retention Setting OFF ON Point Distance Retention Setting OFF ON Point Distance Retention Point Distanc		OFF	ON			
Setting 3 OFF ON Reverse Coupled Actuation Mirror Angle Definition Setting Se	Setting 2	OFF	ON			
Setting Cell Setting Image: Setting Image: Setting Image: Seting Image: Se		OFF	ON			
em Description	Reverse Coupled Actuation Mirror Angle		User Setting			
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Implementation						
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Pre-Collision System Customization Procedure (continued)

5. Once ON is selected, click the green arrow at the bottom of the page to continue.

		SETTING		
OFF	ON			
Default Setting	User Setting			
	OFF OFF OFF Default	OFF ON OFF ON OFF ON Default Less Settion	OFF ON OFF ON OFF ON OFF ON Default Hard Option	OFF ON OFF ON OFF ON OFF ON Default Taxe System

6. Click Next to begin the initialization procedure.

Figure 6.

stomize (S60	1-07)	
Press Ne changes.	xt to make the se	lected customize

7. Once the Customize Setting is updated, the PCS Operation State Retention Setting will be set to maintain the last setting at ignition OFF for the next time the ignition is cycled.

Figure 7.

Customize (S601-08)	
Updating Customize Setting Please Wait	

8. Confirm the PCS setting is retained AFTER the ignition cycle.