CHRYSLER ProMaster Steering Angle Sensor Calibration Method

Supported equipment: Launch's full range of comprehensive diagnostic equipment

Current equipment: PAD V

Function description: After repair is completed for CHRYSLER ProMaster, steering angle sensor calibration is required.

Tested models: CHRYSLER/2018/ProMaster, VIN: 3C6TRVCG9JE1*****

1. On a PAD V, choose [Local Diagnose] and then [CHRYSLER] to test.



🐨 🖬 🖀 🛞					🍳 涍 🖨 🐨 🖬 10:57 AM
Local Diagnose	•				Q Enter the model name
VIN scan All 0	Common American	European Asian	Chinese Can I	Bus Pin Detection	Purchase
Diagnostics for	Diagnostics for	Diagnostics for	l agnostics for	Diagnostics for	Diagnostics for
ABARTH	ALFA ROMEO	ASTON MARTIN	CHRYSLER	DODGE	FIAT
by LAUNCH	by LAUNCH	by LAUNCH	by LAUNC	H by LA	UNCH by LAUNCH
Diagnostics for	Diagnostics for	Diagnostics for			
JEEP	LANCIA	MASERATI			
by LAUNCH	by LAUNCH	by LAUNCH			
0					û →
					♥ X ♥ ♥ ■ 4:40 PM
Vehicle Version	n Information			TT .	
Software ID			Version #		
			1/24 75		
CHRYSLER			V34.75		
	С	HRYSLER/JEEF	P/DODGE V34	.75	
Introduction					
ECII Coverage:					
Engine, Automatic Trans	smission. Anti-lock Brake. Airb	ag. Body. A/C. Dashboard. Me	morv Seat. Trap-door. Steer	ing Angle. Wireless Control	Module. Tire Pressure. etc.
Basic Functions:		J. J		5 5 .	
Read Car Computer Info	ormation				
Read Car Fault Informat Clear Car Fault Informat	tion				
 Read Car Running Data Actuation Test For Car (Component				
Special Functions:					
ENGINE [Engine System Check PCM Odometer, 0 View/Reset duty cycle a information, Turbo actu Cycle Maps. Idle Shutdo	n]: Check PCM VIN, Learn ETC, Re ccumulators, View/reset trip i ator pre-align / self calibrate, F wn Timer Adjustment Oil Cha	eset ECU, Reset Memory, Clear nformation accumulators, Ena Reset regenerative filter timers nee Monitor Tyne View/Reset	Variable Line Pressure(VLF ble / Disable vehicle feature , Reset Fuel Pressure Limiti : NAC After Treatment Over	P) Counters, Relearn Cam/(es, Reset Nox adsorber cou ng Valve Accumulators, Sta Temp Events, Manual DPE	Crank, Injector Quantity Adjustment, nts, Reset after treatment trip ationary Desoot, View/Reset Duty Regeneration_DPE Replacement
Fold Depletement	Timer Aujustment, on one	nge wonter Type, view/Rese		. e.i.p Events, Manual DFF	regeneration, or replacement,
				Vehicle	Coverage OK

Q	P			<u>ک</u>	↑

2. Click [16 PIN Connector] and choose [Automatically Search] to identify car models automatically.

V. 🖬 🛞	🕈 🕈 🗢 🛡 🗎 4:41 PM
Show Menu	 ē P
CHRYSLER V34.75 > Select Diagnostic Socket	⊞ 12.16V
	QPlease enter keyword
16 PIN Connector	
6 PIN Connector	

Q 🗖 😃	
a \$ 8	• •
Show Menu	
CHRYSLER V34.75 > 16 PIN Connector	CPlease enter keyword
Automatically Search	Manually Select
Special Function	ADAS (Advanced Driver Assistance Systems) Calibration
Help Information	Set Options

Ø	P		ک	Ð

3. Click OK. It displays a prompt message indicating that the SGW needs to be unlocked.



4. Click [Yes], choose [North America], and input the FCA account you purchased.

国 			🕈 🗧 🕈 🗎 10:43 AM
Chrysler			
The Vehicle Is Equipped With SG Do You Want To Login with FCA Supports European Region Or No Of Your Dealer.	GW (Security Gateway) Module. Account To Unlock SGW (Security Content of the security Content of the s	Gateway) Module? da & Mexico). It Depe	nds On The Business Area
YES - Login With FCA Account, Stream','Actuation Test'And'Spec *No* - Not Unlock SGW (Only Sup	, Unlock The SGW (Supports'Versior cial Function') pports'Version Information','Read D	n Information','Read D TC'And'Read Data Stre	ΓC','Read Data eam')
Without Unlocking SGW (Securit The Diagnostic Software Only St	ty Gateway). upports'Version Information','Read	DTC'And'Read Data S	tream'Functions.
	Yes No		
RAM ProMaster 2018 VIN 3C6TRVCG9JE1			
Q 🖸 🚇			
u. (\$)			
Chrysler			
	Sign in to unlock SC	3W	☐ 0 b/s
The Vehicle Is Equipped With SG			
Do You Want To Login with FCA	Region Select	▼ ;?	ada On The Rusiness Area
Of Your Dealer.		Бере	nus on The Business Area
YES - Login With FCA Account,		ad D	TC','Read Data
Stream', Actuation Test'And'Spec	SKIP	0K	pam')
Without Unlocking SGW (Securit 1 2 3	ty Gateway). 4 5 6	7 8	9 0
		:	
q w e	r t y	u i	о р 🖾
q w e	r t y	u i	о р 🛛
qwe asd	rty fgh	j k	o p 🛛
q w e a s d ▲ z x	rty fgh cvb	jk nm	o p ⊲ I ⊂ ! ? ▲
q w e a s d <u>▲ z x</u>	r t y f g h c v b	jk nm	o p ≪ I ⋲ ! ? <u>↑</u>

5. Click OK.

Y 🖬 🛞					*	🕈 🔻 📋 10:46 AM
Chrysler			A	Ľ		P
					🛜 🕇 0 b/s	↓ 0 b/s
The Vehicle Is Equipped With SGM Do You Want To Login with FCA , Supports European Region Or No Of Your Dealer. *YES* - Login With FCA Account, Stream', Actuation Test'And'Spec *No* - Not Unlock SGW (Only Sup Without Unlocking SGW (Securit The Diagnostic Software Only St	Sign in to unlock SGW		Help ad DTC','Read Data a Stream') ata Stream'Functions.			ness Area
	Retrieve Password	New Rec	gistration			
	SKIP	ОК				
	Yes	No				
RAM ProMaster 2018 VIN 3C6TRVCG9JE1						
<i>Q</i> 🗳 🕒			(ŵ	♠)

国 		* 🖨 💎 📋 10:46 AM
Chrysler		A 🗹 🖶 🕑
The Vehicle Is Equipped With SGV Do You Want To Login with FCA A Supports European Region Or No Of Your Dealer.	V (Security Gateway) Module. ccount To Unlock SGW (Security Gatev rth American Region(USA & Canada &	
YES - Login With FCA Account, Stream','Actuation Test'And'Spec *No* - Not Unlock SGW (Only Sup Without Unlocking SGW (Securit The Diagnostic Software Only Sup	Chrysler SGW (Security Gateway) Has Been Un Successfully.	ad DTC','Read Data locked a Stream')
	ок	
	Yes No	
RAM ProMaster 2018 VIN 3C6TRVCG9JE1		

⊸ ♥ (\$)					🕈 🔿 文 🗎 10:48 AM
System and Fund	ction		î	2	i P
CHRYSLER V34.75 > 16 PIN C	Connector > Automatically Search			🛜 🕇 0 b/s 🔹 ,	↓0 b/s 🕮 12.10V
System Topology	*Support sliding up and down	Normal Abnormal Scanner	TPM	RADIO	PAM
System List		ORC	НУАС	ETM	_
Special Function	-	CAN,H PCM	ABS		
	OBD BCM				
RAM ProMaster 2018 VIN 3C6TRVCG9JE1		Smart Detection	High-speed Scan	System Scan	Select Detection
<i>Q</i> [•]				ŝ	1

 $6. \ \ \, \mbox{On the PAD V, click [Smart Detection] to scan the entire vehicle systems.}$

7. Click [ABS (Anti-lock Braking System)] to access the system.

□ ♥ (\$)					* • •	10:48 AM
System and Fund	ction		f	Z		ŀ
CHRYSLER V34.75 > 16 PIN C	Connector > Automatically Search			🕈 🕇 375 b/s	↓ 430 b/s	€=12.10V
System Topology	*Support sliding up and down Normal Abno	IPC	□Not Scanned ■Not E TPM RA	quipped DIO	PAM	
System List		ORC	HVAC	ETM		
Special Function	CAN_H	тсм	EPB			
	OBD BCM					
RAM ProMaster 2018 VIN 3C6TRVCG9JE1	I	Report	Compare Results	Diagnostic	Plan Cle	ar DTCs
\bigcirc				ک	£	

山 ゆ (第)				>	🕏 🗢 🛡 📋 10:48 AM
System and Fund	tion		fi l	2	P
CHRYSLER V34.75 > 16 PIN C	onnector > Automatically Search				
System Topology	*Support sliding up and down Norm	al — ,	ABS (Anti-lock Br	aking System)	
System List	CANJ	No DTC			
Special Function	CANJ				
	OBD BCM				
	К		ENTE	R	
RAM ProMaster 2018 VIN 3C6TRVCG9JE1		Report	Compare Results	Diagnostic Plan	Clear DTCs
Ø P				<u>ل</u> م	€

8. Click [Special Function].

国 V- (8)	* 🗢 💎 📋 10:48 AM
Show Menu	A 🗹 ē 🕞
CHRYSLER V34.75 > 16 PIN Connector > Automatically Search > ABS (Anti-lock E	Braking System) E12.10V
	Q Please enter keyword
Module Information	Read Fault Code
Clear Fault Code	Read Data Stream
Read Config	Special Function

RAM ProMaster	2018 JE1					
Ø	P			ŝ	♠	

9. Click [Steering Angle Sensor Calibration].

L V- (8)	米 🗢 💎 📋 10:49 AM
Show Menu	
CHRYSLER V34.75 > 16 PIN Connector > Automatically Search > ABS (Anti-lock B	Praking System) > Special Function 🛛 🛜 🕇 191 b/s 🛛 🖡 138 b/s 🛛 🖽 12.13V
	QPlease enter keyword
ABS (Anti-lock Braking System) Configuration Learn	Longitudinal And Lateral Sensor Calibration
Longitudinal And Lateral Sensor Decalibration	Static Test
Steering Angle Sensor Calibration	Wheel Speed Sensor Type Test
Check VIN (Vehicle Identification Number)	Reset ECU

RAM ProMaster VIN 3C6TRVCG9	2018 JE1					
Q	P			G	€)	

10. Click OK.

- 				* 6	🔻 🗎 10:49 AM			
Show Menu		f	E.		F			
CHRYSLER V34.75 > 16 PIN Connector > Automatically Searc	h > ABS (Anti-lock Braking S	System) > Special Func	tion 🔶 🕇 46	b/s ↓22 b/s QPlease er	12.13V ter keyword			
ABS (Anti-lock Braking System) Configuration Le	earn Lon	Longitudinal And Lateral Sensor Calibration						
Longitudinal And Lateral Sensor Decalibration	Stat	in Test						
Steering Angle Sensor Calibration Performi of the ve Check VIN (Vehicle Identification Nu	Chrysler ng this function may hicle. please exercis	change the state e caution! ОК	Test					
RAM ProMaster 2018 VIN 3C6TRVCG9JE1								
Q R				â	1			

11. Click OK.

エ 					* 😑	💎 🗎 10:49 AM
Show Menu			ft 🕹	e		P
CHRYSLER V34.75 > 16 PIN Connector > Auton	natically Search > ABS (Anti-lock Bra	king System) > Special	Function	🤶 🕇 658 l	o/s 🚽 568 b/s	€∃12.10V
ABS (Anti-lock Braking System) Conf	iguration Learn	Longitudinal And L	ateral S	ensor Calib	ration	
Longitudinal And Lateral Sensor De	Steering Angle Ser	nsor Calibration				
Steering Angle Sensor Calibration	Please Verify The Vehicle A Flat Surface, The Steeri And The Wheels Are Strai	e Is Stationary And ing Wheel Is Cente ight, And No Torqu	l On ered ue Is	Test		
Check VIN (Vehicle Identification Nu	Applied On The Steering Wheel.					
	CANCEL	ок				
RAM ProMaster 2018 VIN 3C6TRVCG9JE1						
Q 🖸 🕒				1		C

12. Click OK.

→ ♥ (*)					*	🕈 🔻 🗎 10:50 AM
Show Menu			A	e		P
CHRYSLER V34.75 > 16 PIN Connector > Auton	natically Search > ABS (Anti-lock B	araking System) > Sp	pecial Function	🧊 🕇 62 b,	/s 🕹 🕹 🕹 🗸 🗸 /s	🖽 12.10V
					Q Please e	
ABS (Anti-lock Braking System) Conf	iguration Learn	Longitudinal	And Lateral S	Sensor Calib	ration	
Longitudinal And Lateral Sensor Dec	alibration	Static Test				
-	Steering Angle S	ensor Calibra	tion			
Steering Angle Sensor Calibration	Turn Ignition O	ff	Test			
Check VIN (Vehicle Identification Nu						
	o	К				
RAM ProMaster 2018 VIN 3C6TRVCG9JE1						
<i>Q</i> _ &			C]	ŵ	€

13. Please wait.

山				*	🗩 🕈 🗎 10:50 AM
Show Menu		A	Ľ		₽
CHRYSLER V34.75 > 16 PIN Connector > Automatically Search > ABS (Anti-lock B	Braking System) > Sp	pecial Function	🛜 🕇 0 b/s	🚽 🤳 🕹 🕹	Ē=12.10V
				Q Please e	
ABS (Anti-lock Braking System) Configuration Learn	Longitudinal A	And Lateral S	Sensor Calib	ration	
Longitudinal And Lateral Sensor Decalibration	Static Test				
No	otes				
Steering Angle Sensor Calibration O Please Wait 14 s	;		Test		
Check VIN (Vehicle Identification Nu					
END SE	ESSION				
	_	_			
RAM ProMaster 2018 VIN 3C6TRVCG9JE1					
					Ð

14. Click OK. The operations are completed.

二 歩 ⑧			*	🔿 💎 📋 10:50 AM
Show Menu	A	Ľ		P
CHRYSLER V34.75 > 16 PIN Connector > Automatically Search > ABS (Anti-lock	Braking System) > Special Funct	tion 🛛 🛜 🕇 0 k	o/s 🕹 🕹 🕹 🕹	🖽 12.10V
			QPlease e	
ABS (Anti-lock Braking System) Configuration Learn	Longitudinal And Later	ral Sensor Cal	ibration	
Longitudinal And Lateral Sensor Decalibration	Static Test			
Steering Angle S	Sensor Calibration			
Steering Angle Sensor Calibration Turn Igntion On		Test		
Check VIN (Vehicle Identification N				
	ж			
RAM ProMaster 2018 VIN 3C6TRVCG9JE1				
<i>Q</i> ² ⁽¹⁾			ŵ	5

Statement:

The content of this document is copyrighted by Shenzhen Launch Tech Co., Ltd., and no individual or organization may quote or reprint it without consent.