



Preliminary Information

PIT5572A Service Adaptive Cruise With DTC C018C SYM3A After Replacing K14 Distance Sensing Cruise Control Module

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Chevrolet	Suburban	2015 - 2018	All*	All	All	All
Chevrolet	Tahoe	2015 - 2018	All*	All	All	All
GMC	Yukon	2015 - 2018	All*	All	All	All

* For 2015 model year vehicles this only applies if equipped with RPO AVF

Involved Region or Country	North America
Additional Options (RPO)	K59
Condition	After replacing the Distance Sensing Cruise Control Module (K14) it may set DTC's C018C SYM3A.
Cause	DTC C018C SYM3A can set if each step of the SPS Programming, SPS Configuration and Learn are not followed completely or done incorrectly.

Correction:

After a replacement Distance Sensing Cruise Control module is properly installed and aligned, three additional steps NEED to be completed in the following order:

- DSCC Module "Programming" with SPS (Document ID: 3398021)
- * DSCC Module "Configuration" with SPS (Document ID: 3398021), see Note below.
- DSCC Module "Learn" with GDS2 (example Document ID: 3553864), see Note below.

NOTE: There have been many cases where the SPS "Configuration" was not completed because it was confused as being the same as the GDS2 "Learn". The SPS "Configuration" and the GDS2 "Learn" are NOT the same thing and both need to be completed as separate steps.

Below are some items that are frequently missed, over looked, or done incompletely (screen prints are located at the bottom). Please reference and follow all steps in SI, SPS and GDS2 for the "Distance Sensing Cruise Control Module Programming and Setup", see example Document ID: 3398021:

1. Make sure, at the SPS Supported Controller screen, the correct module is being selected. This should be the K14 Distance Sensing Cruise Control Module (1).
2. Make sure, at the SPS Vehicle Options screen, the correct RPO's are selected. These should be "Automatic Cruise Control w/Stop/Go (RPO KSG/K59)" (4).
3. While on the SPS Supported Control screen, the first function performed should be the "Programming" (3) event and then the "Configuration" function should be performed after that (2). At the end of each of these SPS functions, all controller specific instructions MUST be followed. See item #4 below for more details.
4. THIS IS THE MOST COMMONLY MISSED ITEM - The last screen of the SPS "Programming" and SPS "Configuration" functions list the "Post Programming Instructions" (5). These "Post Programming Instructions" MUST be followed before turning the ignition off. In most cases, the only "Controller Specific Instruction" (6) is to "Clear DTCs", which must be followed before turning the ignition off. After clearing the DTC's, turn the ignition off, open and close the driver's door to disable RAP and leave the ignition off for at least 2 minutes. Remember, all controller specific instructions must be followed after completing both the SPS "Programming" and SPS "Configuration" functions.
5. If the SPS "Configuration" function fails, errors out, or will not complete, it may be caused by an incorrect XML file in TIS2WEB. In these cases, please contact Techline Customer Support Center (TCSC) at 800-828-6860.

NOTE: There are a couple indicators that the SPS "Configuration" was not completed, or that TIS2WEB has the incorrect XML file loaded. In order to determine this, use GDS2 and read the VIN and XML Configuration Compatibility Identifier parameters from the Distance Sensing Cruise Control Module. These parameters can be found under the Identification Information menu. If the vehicle's VIN is NOT listed, or the XML Configuration Compatibility Identifier is a "1", these could indicate that the SPS "Configuration" was not

completed and/or TIS2WEB has the incorrect XML File.

6. If using a wireless MDI connection, confirm there are no wireless connection issues. A more robust option would be to use a wired USB connection (It is important to disable the MDI wireless connection in the MDI wireless manager when using a wired USB connection).

K8 Audio Amplifier
K9 Body Control Module
K38 Chassis Control Module
K54 Distance Sensing Cruise Control Module
K17 Electronic Brake Control Module
K20K71 Engine and Transmission Control Modules
K20 Engine Control Module
K109 FrontView Camera Module
K74 Human Machine Interface Control Module
K33 HVAC Control Module
Z1 Immobilizer Learn
K36 Inflatable Restraint Sensing and Diagnostic Module
P16 Instrument Cluster
K84 Keyless Entry Control Module
K39 Liftgate Control Module
A33 Media Disc Player
K41 Parking Assist Control Module
K43 Power Steering Control Module
SEQ Programming Sequence Seat Belt Retractor Motor Module
A11 Radio
A22 Radio Controls
K40 Seat Memory Control Module
B21BL Side Object Sensor Module - Left
K60 Steering Column Lock Control Module
K19 Suspension Control Module
K73 Telematics Communication Interface Control Module
K89 Transfer Case Control Module
K71 Transmission Control Module

Select Function / Sequence
Configuration
Programming

Validate/Select Vehicle Data

Vehicle Options

Automatic Cruise Control w/ Stop/Go (RPO K5GAK59)
Without Automatic Cruise Control(RPO K5GAK59)

Programming Complete.
Distance Sensing Cruise Control Module - Programming (K14)
2017-05-17 12:24:20 EDT

Warranty Claim Code: 21B48
Record this code on the warranty repair order (if applicable).

Post Programming Instructions:
Follow the Controller Specific Instructions below.

If there are no Controller Specific Instructions, turn ignition off for 30 seconds to reset the controller.

Controller Specific Instructions:

Version History

Version	2
Modified	06/14/2017 Created 4/27/2018 - Update Model Year



© 2016 General Motors. All Rights Reserved.