



GROUP	MODEL
Subsequent Repair Action	2020-2024MY Telluride (ON)
NUMBER	DATE
SC301Y	July 2024

SUBSEQUENT REPAIR ACTION

Subject: **WHEEL SPEED SENSOR REPLACEMENT (SC301Y)**

This bulletin provides information related to the Technical Service Bulletin previously published under SC301, titled "WSS Software Upgrade". If the ABS warning lamp is illuminated and any of the DTCs listed below are stored after the WSS Software Upgrade has been performed per SC301, follow the instructions outlined in this publication to replace both left and right rear wheel speed sensors on the applicable vehicle. Before conducting the procedure, verify that the vehicle is included in the list of affected VINs.

DTC Description:

C120702 - Wheel Speed Sensor Rear-LH Range / Performance / Intermittent

C120802 - Wheel Speed Sensor Rear-LH Invalid/no Signal

C121002 - Wheel Speed Sensor Rear-RH Range / Performance / Intermittent

C121102 - Wheel Speed Sensor Rear-RH Invalid/no Signal

C120601 - Wheel Speed Sensor Rear-LH Open/Short

C120901 - Wheel Speed Sensor Rear-RH Open/Short



NOTICE

Repair status for a VIN is provided on KDealer+ (Service → Warranty Coverage → Warranty Coverage Inquiry → Campaign Information). Not completed Recall / Service Action reports are available on KDealer+ (Consumer Affairs → Not Completed Recall → Recall VIN → Select Report), which includes a list of affected vehicles.

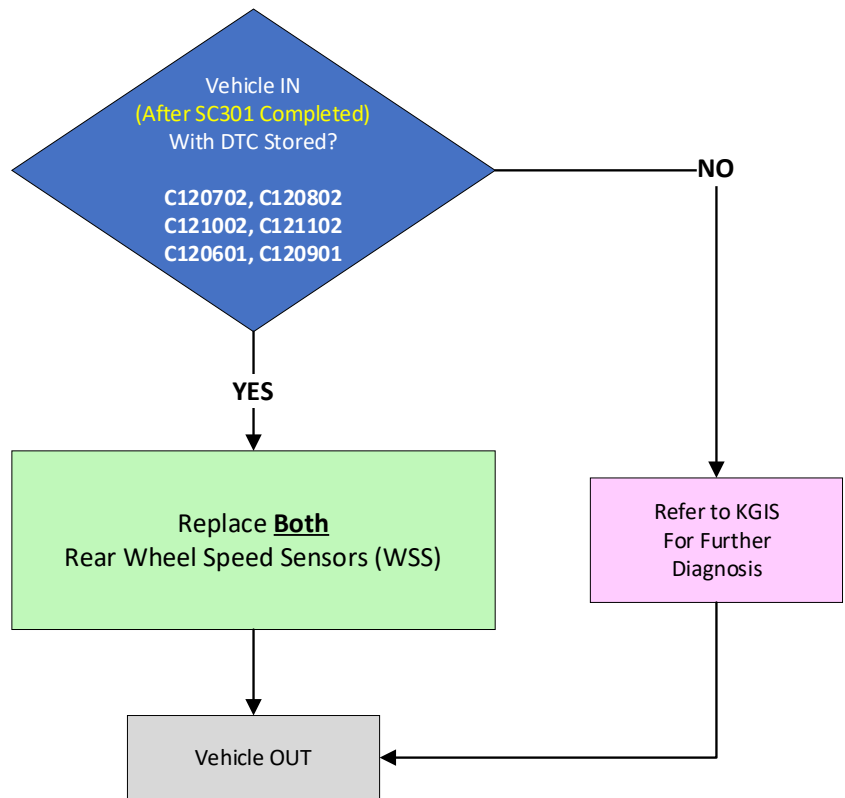
SUBJECT: **WHEEL SPEED SENSOR REPLACEMENT (SC301Y)**

Flowchart:

- SC301Y → Vehicle IN after SC301 was completed and any of the 'related' DTCs are stored.

One or more 'related' DTC(s) stored:

DTC	DTC Description
C120702	Wheel Speed Sensor Rear-LH Range / Performance / Intermittent
C120802	Wheel Speed Sensor Rear-LH Invalid/no Signal
C121002	Wheel Speed Sensor Rear-RH Range / Performance / Intermittent
C121102	Wheel Speed Sensor Rear-RH Invalid/no Signal
C12060	Wheel Speed Sensor Rear-LH Open/Short
C12090	Wheel Speed Sensor Rear-RH Open/Short



Path 1: Vehicle IN → DTC(s) Listed NOT Stored → Vehicle OUT

Path 2: Vehicle IN → DTC(s) Listed Stored → Replace Both Left and Right Rear WSS → Vehicle OUT

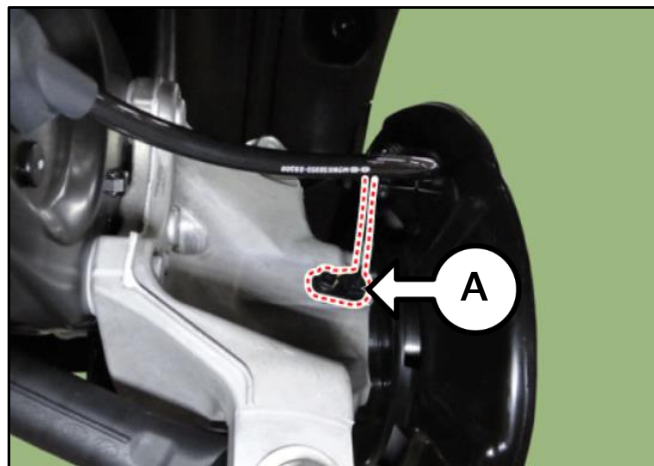


SUBJECT:

WHEEL SPEED SENSOR REPLACEMENT (SC301Y)**Replacement Procedure:**

1. Confirm ABS warning lamp is illuminated and any of the DTCs listed below are stored after the WSS Software Upgrade has been performed per SC301.

- If ABS warning lamp is illuminated and any of the DTCs listed below ARE stored, then replace both rear wheel speed sensors (A) by referring to “Brake System → ESC (Electronic Stability Control) → Rear Wheel Speed Sensor → Repair procedures” in the applicable Shop Manual on KGIS.



- If ABS warning lamp is NOT illuminated and/or any of the DTCs listed below are NOT stored, then refer to KGIS for further diagnosis. **This TSB does not apply.**

DTC	DTC Description
C120702	Wheel Speed Sensor Rear-LH Range / Performance / Intermittent
C120802	Wheel Speed Sensor Rear-LH Invalid/no Signal
C121002	Wheel Speed Sensor Rear-RH Range / Performance / Intermittent
C121102	Wheel Speed Sensor Rear-RH Invalid/no Signal
C12060	Wheel Speed Sensor Rear-LH Open/Short
C12090	Wheel Speed Sensor Rear-RH Open/Short

2. Reinstall all removed parts in reverse order of removal.


3. Confirm normal vehicle operation.

SUBJECT: **WHEEL SPEED SENSOR REPLACEMENT (SC301Y)**

AFFECTED VEHICLE RANGE:

Model	Production Date Range
Telluride (ON)	January 9, 2019 to March 10, 2024

REQUIRED PART:

Part Name	Comment	Part Number	Figure	Qty.
Rear Wheel Speed Sensor (FWD)	Left Rear	58950 S9100QQK		1
	Right Rear	58960 S9100QQK		1
Rear Wheel Speed Sensor (AWD)	Left Rear	58950 S9301QQK		1
	Right Rear	58960 S9301QQK		1

Note: The replacement part numbers will require a VIN entry for parts ordering. DO NOT order these parts for stocking purposes, related to this Campaign. Supply is very limited. Until supply stabilizes, please confirm part availability before scheduling customers. Please be sure to expedite warranty claim filing.

WARRANTY INFORMATION:

N Code: N99 C Code: C99

Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
R	58960 S9100	0	(SC301Y) Right <u>and</u> Left Rear Wheel Speed Sensor Replacement	240A19R4	0.6 M/H	58960 S9100QQK <u>or</u> 58960 S9301QQK <u>and</u> 58950 S9100QQK <u>or</u> 58950 S9301QQK	1 1

Note: Refer to [Warranty Bulletin 2024-49](#) for claim submission procedures. Manually enter sublet code 'X2' for reimbursement of one roundtrip rideshare expense or up to three (3) days of rental expense, with supporting documentation.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC301Y when accessing the KDealer+ system.

