



GROUP

MODEL

Subsequent Repair
Action2018-2021MY
Stinger (CK)
w/2.0L T-GDI ULEV

NUMBER

DATE

SC281Y

October 2025

SUBSEQUENT REPAIR ACTION

SUBJECT:

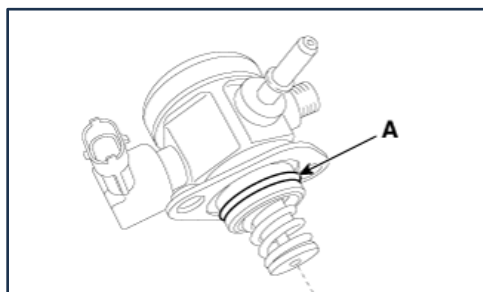
HIGH-PRESSURE FUEL PUMP REPLACEMENT
INSTRUCTIONS FOR DTC P0088 (SC281Y)

This bulletin provides information related to the Technical Service Bulletin previously published under SC281 titled "High-Pressure Fuel Pump Inspection/Replacement and ECM Software Upgrade." Follow the procedure in this publication to replace the high-pressure fuel pump with a new one in the event DTC P0088 is stored following completion of SC281. Before conducting the procedure, verify that the vehicle has completed the previously released campaign SC281 and is included in the list of affected vehicles.

Model	Production Date Range
Stinger (CK)	September 29, 2017 to January 20, 2021

DTC Description:

P0088 - Fuel Rail/System Pressure Too High



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.

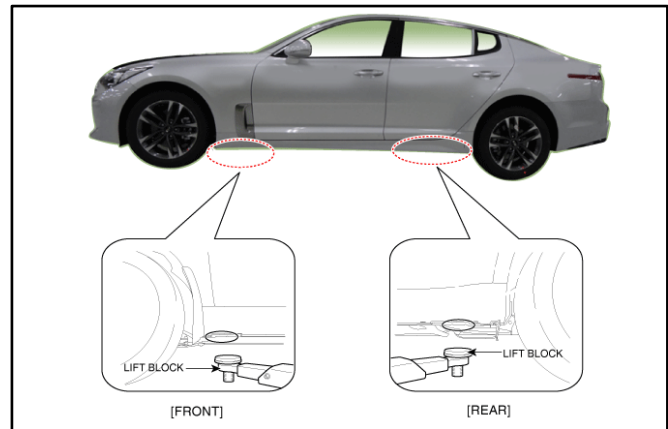
A printed copy is for reference only; publication information can be updated at any time.
Always refer to KGIS for the latest information. After logging in kdealer.com, the newest technical publications are listed in 'Service Releases' and has the latest service information that has been released.

Repair Procedure:**❗ IMPORTANT**

A Vehicle Diagnosis Number (VDN) must be created prior to high-pressure fuel pump replacement. If a VDN is not created, Parts Ordering and Warranty claim submission issues WILL occur. Any associated claims for high-pressure fuel pump replacement are subject to Warranty review and chargeback. Take a KDS Warranty Attachment photo of a new high-pressure fuel pump assembly installed.

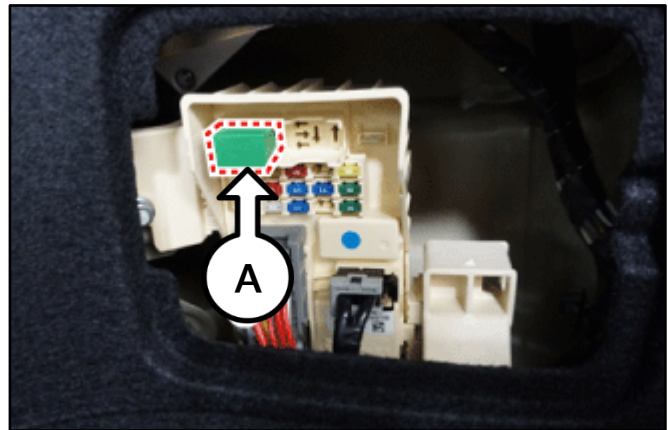
1. Place the vehicle on a hoist.

Note: The vehicle is required to be raised and lowered during this repair procedure as coolant will need to be drained as well as allowing access to electrical connectors and parts removal/installation.



2. Refer to "Engine Control / Fuel System → Fuel Delivery System → Release Residual Pressure in Fuel Line" in the applicable Shop Manual on KGIS.

Note: Removal of the fuel pump relay (A).

**⚠ WARNING**

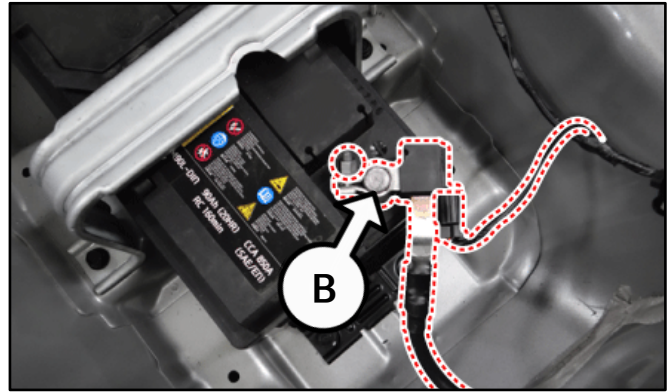
When servicing the high-pressure fuel pump, fuel pipe, and/or related parts, an injury may be caused by the release of highly pressurized fuel after any of the listed parts are removed, immediately after shutting off the engine.

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3. Disconnect the battery negative (-) terminal (B) again after releasing residual pressure in fuel line.

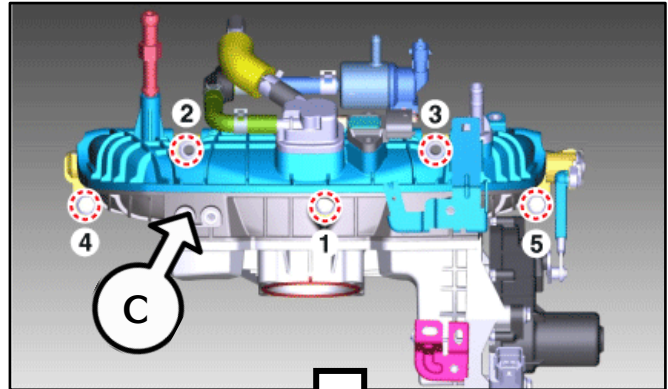
⚠ CAUTION

Take caution when handling any wire harnesses in future steps, as moving them with force may damage to the connector and/or pull internal pins which can affect vehicle operation.

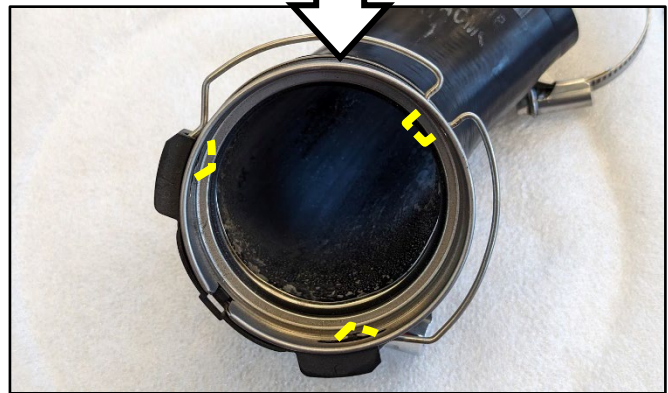


4. Remove the intake manifold (C) by referring to "Engine Mechanical System → Intake and Exhaust System → Intake Manifold → Repair procedures" in the applicable Shop Manual on KGIS.

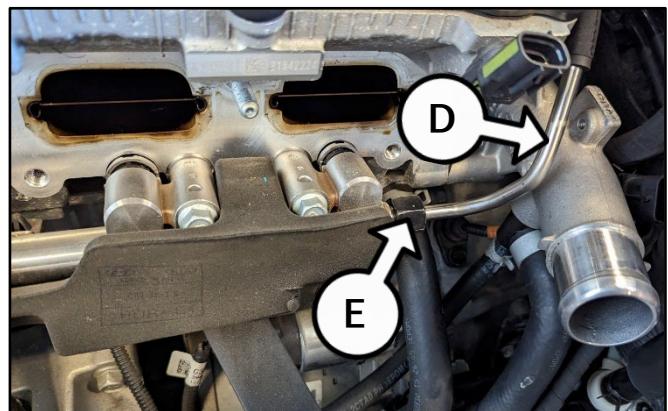
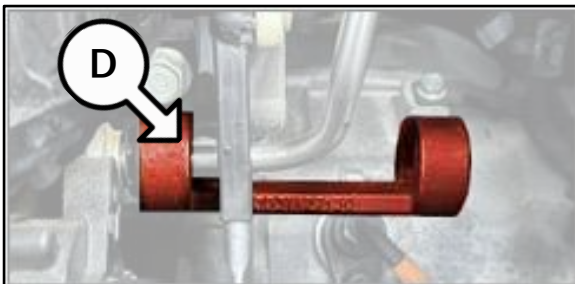
Note: Removal of the alternator assembly was not required as described on KGIS for this procedure.


🔧 TECH TIP

Note the location of the 3 locking tabs areas. To remove the intercooler outlet hose and pipe assembly, ensure that the retaining clip is completely open as shown before attempting to disconnect the pipe downward.



5. Locate lower high-pressure fuel pipe (D) bottom flange (E) and loosen it by using SST PN: 09314 3V100 or 09314 3Q100.



6. Disconnect the low-pressure fuel hose (F).
7. Loosen the upper end of the high-pressure pipe flange (G).



Tightening torque for high-pressure fuel pipe (D) flange nuts (E) & (G):
23.9 - 26.0 lb.ft (32.4 - 35.3 N.m)

8. Replace the high-pressure pump (H) by removing the two (2) retaining bolts (I).

Note:

- **DO NOT** reuse the bolts (I). Install (2) new high-pressure fuel pump mounting bolts.
- Hand-tighten bolts (I), then gradually tighten each in 0.5-turn increments.



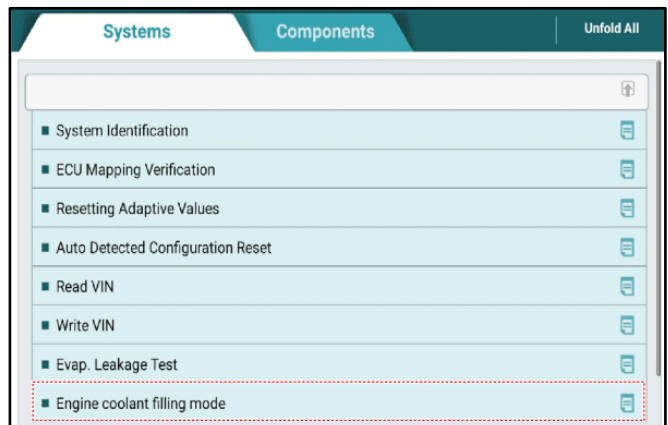
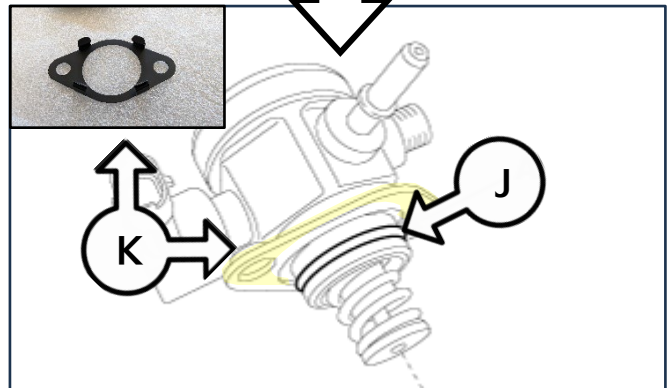
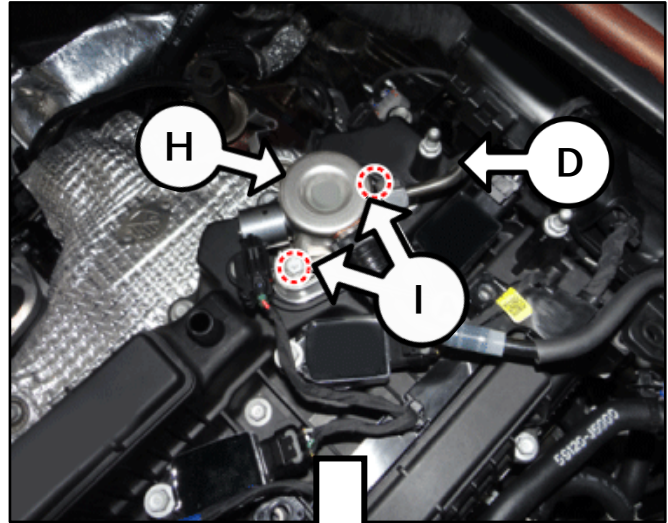
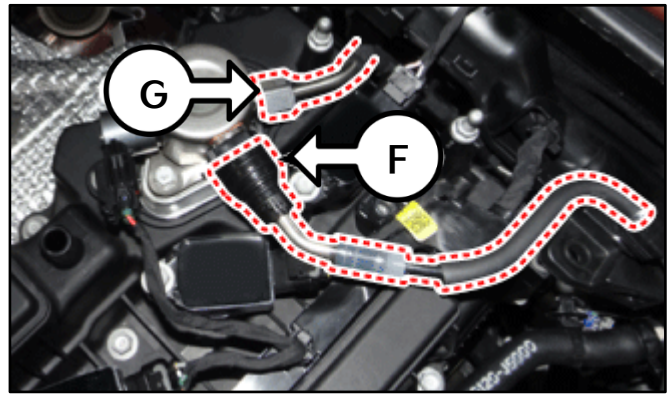
Tightening torque for bolts (I):
9.4 - 10.8 lb.ft (12.7 - 14.7 N.m)



CAUTION

Ensure that the high-pressure pump O-ring (J) and mounting gasket (K) are in place before installing the new part.

9. Install a new high-pressure fuel pump pipe (D), refer to step 7 for torque specifications.
10. Reinstall ALL other removed parts in the reverse order of removal.
11. Reconnect the battery negative (-) terminal.
12. Refill the engine coolant and refer to the Replacement and Air Bleeding instructions under "Engine Mechanical System → Cooling System → Coolant → Repair procedures" in the applicable Shop Manual on KGIS.
13. Confirm normal vehicle operation.



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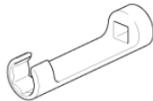
AFFECTED VEHICLE RANGE:

Model	Production Date Range
Stinger (CK)	September 29, 2017 to January 20, 2021

REQUIRED PART:

Part Name	Part Number	Comment	Qty.
High-Pressure Fuel Pump and Line Service Kit	35399 2C333QQK	Note: Dealers must order the kit PN 35399 2C333QQK	1
- High Pressure Fuel Pump - High Pressure Fuel Pipe - Fuel Pump Bolt - Intake Manifold Gasket - ETC-Gasket	35320 2CTB1QQK 35305 2CTA0QQK 11235 06226KQQK 28312 2CTA0QQK 28313 2CTA0QQK	Dealers will be shipped individual components initially (shown on the left). The components will not be orderable separate from the kit part number.	1 1 2 1 1
Coolant (Gal.)	UM020 CH263	Total Capacity 9.29 qts.	2

REQUIRED TOOL:

Tool Name	Part Number	Figure	Comments
KDS	N/A		Kia Diagnostic System
Torque Wrench Socket (17 mm)	09314 3V100 or 09314 3Q100		Drawer 7

WARRANTY INFORMATION:

N Code: N99 C Code: C99

MY	Claim Type	Causal P/N	Qty.	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
18-21MY	R	35320 2CTB1	0	(SC281Y) High-Pressure Fuel Pump Replacement	252157R0	2.9 M/H	35399 2C333QQK	1
							UM020 CH263	2

Note: Refer to [Warranty Bulletin 2025-22](#) for claim submission procedures. If substitute transportation is necessary, manually enter sublet code 'X2' for rental expense reimbursement or one roundtrip rideshare expense. Make sure to submit any substitute transportation claim at the time of the warranty expense.

NOTICE

VIN inquiry data for this repair is provided for tracking purposes only. Kia retailers should reference SC281Y when accessing the KDealer+ system.

