



GROUP
CLI

MODEL
2015MY
K900 (KH)

NUMBER
025

DATE
May 2015

TECHNICAL SERVICE BULLETIN

SUBJECT:

A/C COMPRESSOR REPLACEMENT

This bulletin provides the procedure for replacing the A/C compressor on some 2015MY K900 (KH) vehicles, produced from Job #1 through October 13, 2014, which may experience diminished cooling performance or an inoperative A/C system. Technicians can validate this condition by operating the A/C system and by checking system line pressure. If system pressures (High/Low) are equal; check for compressor seizure or for a cracked compressor casing (complete loss of refrigerant). To correct this concern, replace the A/C compressor, including required associated parts per the table on Page 3, by referring to the applicable Workshop Manual on KGIS.

Component	Figure
1. Condenser Assembly	
2. Compressor Assembly	
3. Hose, Suction	
4. Hose, Discharge	
5. Valve, Expansion	
6. Pipe, Suction & Liquid	
7. Evaporator Assembly	

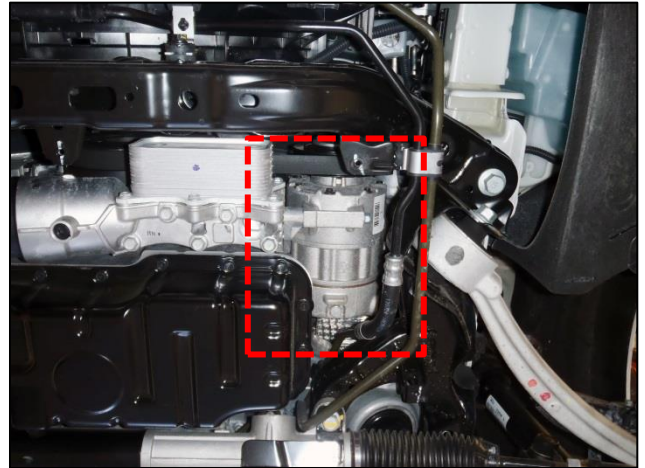
File Under: Climate

Circulate To: General Manager Service Manager Parts Manager
 Service Advisors Technicians Body Shop Manager Fleet Repair

Service Procedure:

1. Replace the affected A/C compressor and associated parts (Condenser, Expansion Valve, Suction Hose) by referring to **2015 > G 5.0 GDI-TAU > Heating, Ventilation and Air Conditioning > Air Conditioning System > Compressor** section of the workshop manual on KGIS.
2. Click on the video links below for proper disassembly techniques of the following components (removal of these components will make compressor extraction easier) :

- [Cooling Fan Shroud Removal](#)
- [Condenser Removal](#)

**CAUTION**






To prevent damage to any replacement components, in cases when catastrophic A/C compressor failure has occurred, make sure to flush/clean any parts that are being reused, such as, evaporator lines, hoses, fittings, etc., prior to installation of the new components. After flushing /cleaning the components, use compressed air to blow/dry the parts.

3. Re-install all removed components by reversing the order of removal.
4. Recharge the A/C system with refrigerant specifications posted on KGIS and on the underside of the hood.
5. Verify proper A/C system operation.

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REQUIRED PARTS:

Part Name	Part Number	Figure
A/C Compressor	97701 3T300QQK	
Suction Hose	97763 3T300FFF	
Expansion Valve	97626 3T300FFF	
Condenser	97661 3T000FFF	
R-134a Refrigerant	UM040 CH015W	

AFFECTED VEHICLE RANGE:

Model	Production Date Range
K900 (KH)	From Job #1 through October 13, 2014

WARRANTY CLAIM INFORMATION:

Claim Type	Causal P/N	Qty.	N Code	C Code	Repair Description	Labor Op Code	Op Time	Replacement P/N	Qty.
W	97701 3T300	0	E63	ZZ2	(CLI 025) A/C Compressor Replace	97701F10	1.9 M/H	97701 3T300QQK	1
								UM040 CH015W*	1

***Refrigerant reimbursement can only be claimed on vehicles with catastrophic compressor failure.**

Note: Core claim must be entered in the WebDCS "Core Return Entry" screen which will generate a core pre-claim.