



GROUP

MODEL

CLI

**2011MY~
Multiple Models**

NUMBER

DATE

049 (Rev 2, 08/27/2026)**June 2020**

TECHNICAL SERVICE BULLETIN

SUBJECT:

PARTIAL REPAIR - ELECTRICAL A/C COMPRESSOR

NOTICE

This bulletin has been revised to include additional information. New/revised sections of this bulletin are indicated by a black bar in the margin area.

This bulletin provides information regarding the partial repair of the Air Conditioning (A/C) compressor assembly on some 2011MY~ Optima Hybrid (TF HEV, JF HEV/PHEV), 2015MY~ Soul EV (PS EV), 2017MY~ Niro (DE HEV/PHEV/EV), 2022MY~ EV6 (CV), 2021MY~ Sorento (MQ4 HEV/PHEV), 2023MY~ Sportage (NQ5 HEV/PHEV), and 2023MY~ Niro (SG2 EV/HEV/PHEV) vehicles.

Note: The A/C compressor assembly is no longer available for service replacements. Inspect and replace the problematic parts only (inverter or body). Always refer to EPC to confirm part numbers.

NOTICE

A Technical Service Bulletin is a Field Fix repair program without customer notification that may be performed and claimed during the eligible warranty period. For customers requesting repair and possible goodwill for a vehicle outside of the warranty period, the dealership must follow the process and procedure outlined in [Section 7 \(9 & 13\) of the Kia Service Policy manual](#).

Inspection/Replacement Procedure:

1. Inspect and/or replace the electric air compressor body and/or inverter by referring to the "Heating, Ventilation, Air Conditioning → Air Conditioning System → Electric A/C Compressor → Repair procedures" chapter in the applicable Shop Manual on KGIS.

Model	Inverter Assembly	Body Assembly	Remarks
DE HEV	97728 G5000	97729 G5000	-
DE PHEV	97728 G2800	97729 G2800	-
DE EV	97728 K4000	97729 K4000	-
JF HEV	97728 E6000	97729 E6000	7/20/2016 - 6/17/2019
		97729 E6010	6/18/2019 - 6/17/2019
JF PHEV	97728 E6100	97729 E6100	7/20/2016 - 6/17/2019
		97729 E6110	6/18/2019~
PS EV	97728 E4000	97229 E4000AS	-
TF HEV	97728 E7000	97229 4R000AS	-
CV	977S5 CV200	97729 CV200	Non-Heat Pump
CV	977S5 CV200	97729 CV400	Heat Pump
NQ5 HEV	97728 P0001	97729 P0000	-
NQ5 PHEV	97728 P0100	97729 P0000	-
MQ4 HEV	97728 P4000	97729 P4000	-
MQ4 PHEV	97729 P4000	97728 P4500	-
SG2 HEV	977S5 AT100	97729 AT000	-
SG2 PHEV	977S5 AT300	97729 AT000	-
SG2 EV	977S5 A0000	97729 A0000	-



Inverter Assembly



Body Assmebly