



GROUP
Climate

MODEL
**2011MY~
All (HEV/PHEV/EV)**

NUMBER
PS629

DATE
December 2019



TECHNICAL OPERATIONS

SUBJECT:

ELECTRICAL A/C COMPRESSOR PARTIAL REPAIR PARTS AVAILABILITY

This Pitstop provides information regarding partial repair of the Air Conditioning (A/C) compressor assembly on some 2011MY~ Optima (TF HEV, JF HEV/PHEV/EV), Soul (PS EV) and Niro (DE HEV/PHEV/EV) 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.

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	-



Inverter Assembly



Body Assembly