



GROUP	MODEL
Engine	2017-2022MY Niro HEV (DE HEV) 2018-2022MY Niro PHEV (DE PHEV)
NUMBER	DATE
PS709	September 2021



TECHNICAL OPERATIONS

SUBJECT:

ENGINE OVERHEATING IN NIRO HEV/PHEV

This Pitstop provides information to help troubleshoot an overheating symptom on some 2017-2022MY Niro HEV (DE HEV) and 2018-2022MY Niro PHEV (DE PHEV) which may exhibit coolant boiling in the reservoir. Overheating may occur due to a bypass valve in the Exhaust Heat Recovery System (EHRS) stuck in the closed position. A stuck closed bypass valve may cause exhaust gas to excessively heat up engine coolant in the heat exchanger. This valve normally opens above 176°F (80°C) allowing exhaust gases to bypass the heat exchanger once the engine is warmed up.

For vehicles exhibiting symptoms of overheating, test the Wax Actuator and Valve Lever by referring to the “Engine Mechanical System → Intake and Exhaust System → Exhaust Heat Recovery System (EHRS) → Troubleshooting” chapter in the applicable Shop Manual on KGIS. Alternatively, you may loop the coolant hose (using a spare piece of hose and coupler) to bypass the EHRS and verify if the overheating condition is resolved.

