



Subject

HVAC - Greenhouse Gas Logic

Market

USA

Service Category

Vehicle Interior

Section

Heating/Air Conditioning

Applicability

All Applicable Models

APPLICABLE VEHICLES

2013-2014	ES300H	2013-2014	ES350
2013-2015	LS600H	2013-2015	LS460
2013-2015	GX460	2013-2015	RX450H
2014-2015	IS250	2014-2015	CT200H
2013-2015	GS350	2014-2015	IS350
2013-2015	RX350	2013-2015	GS450H
2013-2015	LX570		

CONDITION

Greenhouse Gas Logic (GHG) has been implemented on Lexus A/C Systems to reduce tailpipe emissions. The federal government issues CAFÉ (Corporate Average Fuel Economy) credits to vehicle manufacturers that implement new technologies that reduce the carbon footprint of the vehicles they produce. GHG Logic technology works by automatically operating the HVAC system in REC mode when certain conditions are met, improving the A/C system cooling efficiency and reducing the vehicle's CO2 tailpipe emissions.

RECOMMENDATIONS

Because the HVAC system operates in REC more frequently, manually selecting FRESH mode prior to turning the engine OFF can help to minimize A/C system odors that form while the vehicle is parked. By selecting FRESH, it allows natural circulation of the HVAC and passenger compartment with outside air, helping to reduce moisture inside the A/C System.

LINK REFERENCES

This Tech Tip does not contain any link references