

Subject

HVAC - Greenhouse Gas Logic

Market

USA

Service Category

Vehicle Interior

Section

Heating/Air Conditioning

Applicability

All Applicable Models

APPLICABLE VEHICLES

2012-2013	Camry	2012-2013	Highlander
2012-2015	Prius	2012-2013	Tundra
2014	Sienna	2013-2014	Avalon HV
2013-2015	4Runner	2014-2015	Sequoia
2012-2013	Avalon	2013-2015	RAV4
2013-2014	Venza	2012-2014	Prius C
2012-2013	Highlander HV	2012-2013	Camry HV
2014	Corolla		

CONDITION

Greenhouse Gas Logic (GHG) has been implemented on Toyota 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 AC 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