

Tech Tips







TT 61-09-05

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2007-2015 EOS – Fault Code 02805 “System Interference” in Convertible Top

May 15, 2015: Update to Model Year Applicability.

Fault code 02805 is a generic fault code for one top condition out of sequence. Such as one hall sensor reading is different than its counterpart or the time limit has been reached for the sequence to be completed in the top operation. The first step in diagnosis is to check the MFI for any error codes when operating (such as “close trunk”). If there are no errors present or it simply reads “convertible top operation interrupted”, then start checking the binary values of the sensors in MVB 2 and MVB 5 for luggage cover and pull down motor status. See chart below for hall sensor positions and status. NOTE: G672 is sensor 13 for MY 2009 and up.

Roof Position Binary Code from Hall Sensors (HS)														
Roof Position		Sensors											G672 HS13	
		G556 HS1	G557 HS2	G560 HS3	G561 HS4	G562 HS5	G563 HS6	G564 HS7	G565 HS8	G566 HS9	G558 HS10	G559 HS11		G567 HS12
Roof Lowered and Stowed		0	0	0	0	1	1	1	1	0	0	0	0	1
	Covers open, trunk lid unlocked	0	0	0	0	1	0	0	1	0	0	0	0	1
	Flaps out, trunk lid up	0	0	0	0	1	0	0	1	1	0	0	1	1
	Roof package lifted from compartment	0	0	0	0	1	0	0	0	1	0	0	1	0
	Roof pillars docked at cowl	1	1	0	0	1	0	0	0	1	0	0	1	0
	Flaps in, trunk lid closed and locked	1	1	0	0	1	1	1	0	0	0	0	0	0
	C-segment down, not locked	1	1	0	0	0	1	1	0	0	1	1	0	0
Roof Raised and Locked		1	1	1	1	0	1	1	0	0	1	1	0	0
Type of action monitored		Left A-Pillar docked	Right A-Pillar docked	Left C-segment closed & locked	Right C-segment closed & locked	C-segment opened	Left trunk lid locked	Right trunk lid locked	Roof package stowed	Left flap opened	Left side member locked	Right side member locked	Right flap opened	roof stowed - right side
		1	Docked	Locked	Closed	Opened	Stowed							
		0	Undocked	Unlocked	Not closed	Not opened	Not stowed							